

NAVAL POSTGRADUATE SCHOOL
Monterey, California



THESIS

**USING MTWS FOR HUMAN-IN-THE-LOOP C2
ORGANIZATIONAL EXPERIEMENTS**

by

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September 1999

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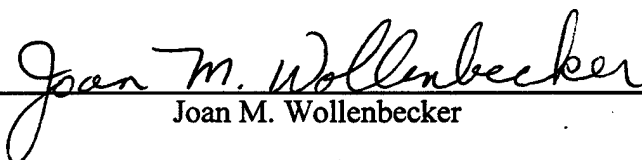
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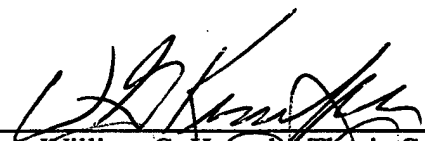
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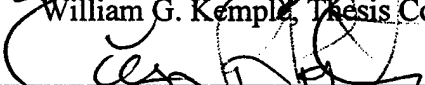
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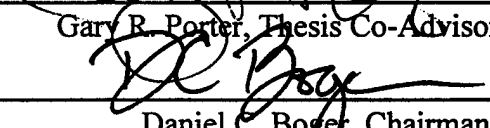
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ABSTRACT

The Adaptive Architectures for Command and Control (A2C2) research project is examining issues in joint command and control, focusing on organizational adaptation. The project includes a series of "human-in-the-loop" experiments at the Naval Postgraduate School. The experiments are in three tiers, ranging from basic to applied/operational research, with tier-1 being the most basic. Four tier-1 experiments have been conducted to date, all employing the DDD-III simulator as the experimental driver. The DDD is designed for this type of research. It offers a high degree of control and supports on-line collection of data. It also involves a high level of abstraction, which is well suited to basic research. The basic A2C2 research will continue, but the research is also beginning to branch into the more operational/applied arena. The A2C2 team has selected the Marine Corps' MTWS as the experimental driver for tier-2 experiments and has installed MTWS at NPS. The fifth A2C2 experiment used MTWS to reexamine selected research questions from experiment four, focusing on the performance of Joint Task Force decision-makers in model based and traditional JTF architectures. The architectures used in experiment five resemble as closely as possible those used in experiment four.

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DISCLAIMER

The reader is cautioned that computer programs developed in this research may not have been exercised for all cases of interest. While every effort has been made, within the time available, to ensure that the programs are free of computational and logic errors, they cannot be considered validated. Any application of these programs without additional verification is at risk of the user.

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EXECUTIVE SUMMARY

The goal of the A2C2 program is to advance the state of knowledge regarding decision making in organizational settings, to include an understanding of how, why, and when organizations adapt or should adapt and what skills, training, and technology are required to support that adaptation. (Entin, 1996)

Three tiers of human-in-the-loop experiments are envisioned for the A2C2 project. The three experimental tiers are associated with research at different levels of the basic-to-applied spectrum. Tier-1 experiments are intended to examine basic research questions. They tend to be narrow in scope with highly abstract scenarios, leading to limited realism. A tier-1 experiment is highly abstract with each human player not only acting as a command decision-maker, but also his/her staff and the computer operator as well.

To date, all four tier-1 experiments, using DDD, and the fifth experiment using MTWS (the focus of this thesis), have employed variants of the same basic scenario, which was abstracted from a joint training scenario used at the Armed Forces Staff College. The JTF forces must accomplish a set of approximately 50 tasks, some known and some surprise, and some with temporal interdependencies, to achieve the overall mission.

Tier-2 and -3 experiments are intended to help transition relevant findings into the more operational/applied research areas. These are “envisioned to be more complex scenarios, more operationally/strategically oriented, joint in nature, require longer trial times in order to capture events of interest, be more distributed in design, and finally, in tier-3, to make of use operating forces as subjects.” (Porter, 1996)

Tier-2 experiments are similar to tier-1, but use a more realistic simulator or higher fidelity model to reproduce a scenario otherwise similar to those used in previous tier-1 experiments. The first tier-2 experiment conducted at NPS was A2C2 experiment five. For experiment five, the Marine Air Ground Task Force (MAGTF) Tactical Warfare Simulator (MTWS) was used. In experiment five, each human player again acted as a command decision-maker and his/her staff. But, the use of MTWS, a higher fidelity simulator than DDD, created the need for both an operator and a decision-maker in each node.

Finally, tier-3 experiments will transition the A2C2 project from simple exercises involving officer-students to wargames and operational exercises that may involve an actual JTF commander and the forces and assets that would be used future real-world military operations. The first tier-3 experiment was conducted during the summer of 1999, with COMCARGRU ONE (CCG-1) using MTWS-generated scenarios in the Systems Technology Battle Lab (STBL). This experiment was designed to help CCG-1 prepare for his role as Commander Joint Task Force in Global 99, while also providing operational feedback for the A2C2 project.

For A2C2 experiment five objectives were to develop and test, with the Systems Technology Battle Lab (STBL) staff at the Naval Postgraduate School and with contractor support, a scenario on MTWS that as closely as possible resembled the DDD scenarios used in experiments three and four, and develop a data extraction technique from MTWS.

In addition, the following research questions were asked:

- Was the accuracy for performing tasks the same or different for the four-node vs. the six-node architecture?
- Was the coordination for performing tasks the same or different for the four-node vs. the six-node architecture?

- Were the MTWS results consistent with the results from similar experiments conducted using the DDD?
- What special considerations, if any, are necessary when conducting controlled experiments using MTWS?

Experiment five attempted to use a tier-2 model – MTWS – in an abstract way to facilitate comparison of the results to those realized in experiments three and four, which were played using a tier-1 model – DDD. Based upon those questions above the author, in experiment five, compared the results of experiment five with the DDD-based experiments three and four results discussed above to see how closely the two models reflect each other. Toward this goal, the author sought to examine the following research questions.

- What is the feasibility (and resources required) to collect the same or similar measures using MTWS as collected from the DDD?
- What factors should be considered when selecting the experimental driver when the research question does not clearly favor one over the other (deciding between the DDD and MTWS)?
- In order to better control the initial comparisons between MTWS and DDD, MTWS was played in as highly an abstract mode as it was able to support (see Greenwood, 1998). What are the implications for using a high fidelity tactical simulator in a low fidelity environment?
- Does the use of trained operators between the decision-makers (subjects) and the experimental simulator affect performance?

Results of the above questions are briefly presented as follows. There was no significant difference in accuracy between the four- and six-node architectures. This compares favorably with the accuracy results in experiment four. Compared to experiment three, the coordination required to complete the selected tasks was examined and found to match expectations, the model-based architecture required significantly less coordination than the traditional architecture.

Special considerations necessary when conducting controlled experiments using MTWS revolved around the differences and similarities between MTWS and DDD. The standard MTWS database used in this experiment included realistic parameters for movement speed (slower than DDD), especially ground forces, while DDD used speeds tailored so it was possible to complete the trial within the allotted time. The most noticeable differences between MTWS and DDD, due to this database resolution issue, was that all the MTWS teams completed the scenario, and most were well ahead of DDD completion times (Approximately 22 minutes for completion in MTWS compared to approximately 40 minutes in DDD). Most teams completed their tasks in 15 to 25 minutes.

Another control difference was Red play, in DDD Red was scripted using software. In MTWS, parts of the Red forces were played by manually entering batch files or keyboard commands based on a written script. The rest of the Red forces were time scripted via an MTWS Batch File.

Similarities between MTWS and DDD included the Common Operational Picture, architectures, tasks, resources, command structure, and in general the DOE issues remained the same in experiments four and five.

The feasibility and diversity of resources required to collect the same or similar measures from MTWS for this experiment was fortuitous. First having lead team members who can program is not normally a requirement for the A2C2 experiments, however with the unique nature of the MTWS output, LT Ron Soule, USN was vital to the success of this experiment. He developed the data extraction program in Pascal which took the MTWS data and converted it into an Excel spreadsheet available for analysis. MAJ Jon Cook's, USMC, expertise with Excel

proved extremely valuable in analyzing the data collected. The data analysis program he wrote in Excel proved invaluable for speeding up the analysis of the large amounts of data produced from MTWS. It should be noted that current models of MTWS employ an After Action Review (AAR) system that automates data collection and aggregation.

Based on the results of both the accuracy and coordination, we believe that we can employ whichever simulator is appropriate for the research question at hand without fear that results will be confounded with choice of simulator. The characteristics of the architectures tend to manifest themselves regardless of simulator. Two key experimental driver selection factors were:

- Control versus Realism and
- Stochastic versus deterministic characteristics.

Time is also a critical factor in choosing a model and is directly related to sample size, (The larger the sample size the more time needed to run both training sessions and run the scenario.) since experiment five sample size was small the following were the key time factors.

- time to run the scenario
- time to train the players, and
- time to obtain the necessary data.

Both realism and time in experiment five were related to the complexity of the interface and data displayed.

MTWS employs stochastic processes to calculate outcomes, while DDD's are deterministic. This difference had implications in the statistics collected from each simulator. Stochastic processes may require a larger sample size to produce the same statistical precision.

MTWS' stochastic traits were most obvious during the interaction between the engineers and the minefields on the roads. By providing MTWS operators and to aid the decision-makers at each node, a number of trials were reduced in both the training phase, to reduce any learning effects over time, and during the performance trials. Using four versions of the scenario ensured that both the operators and decision-makers would not play the same version of the scenario, and it also attempted to reduce the stochastic effects on the outcome. (See Appendix A for the team assignments and Appendix J for the four script versions played.)

In summary, the primary focus of experiment five was to determine whether the performance results of experiment four (equivalent performances of the four-node, model-based architecture and the six-node, traditional architecture) could be reproduced on the higher fidelity MTWS simulator. This result was reproduced, using both the observer assessments and the simulator collected data. The experiment three coordination results were also reproduced with the traditional six-node architecture requiring more coordination amongst the players than the model-based four-node architecture.

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The Petty Officers maintain the Systems Technology Battle Lab at the Naval Postgraduate School. They ran the MTWS scenario each day of the experiment and acted as the Aggressor Force. I would gratefully like to acknowledge their hard work and dedication, without which the Adaptive Architectures for Command and Control (A2C2) experiment five, would not have been possible.

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I. INTRODUCTION

"The Adaptive Architectures for Command and Control (A2C2) research program is a multi-year, multidisciplinary effort to: (1) establish a body of knowledge in current and future joint command and control, and (2) develop and test theories of adaptive architectures. A guiding principle of the A2C2 program is that a practical knowledge of the interactions between the organizational and task (mission) structures is a precursor to the design of flexible organizations." (Benson, 1998) Under Office of Naval Research (ONR) sponsorship the A2C2 research team's examination of issues in joint command and control is focusing on organizational adaptation, and ranges from basic to applied/operational research.

The A2C2 research team includes representatives from ALPHATECH Inc., APTIMA Inc., University of Connecticut, George Mason University, Carnegie-Mellon University, Michigan State University, and the Naval Postgraduate School (NPS).

Previous research, with relatively simple organizations and tasks, has confirmed the common belief that organizational performance is higher when there is a "match" between the task and the associated organizational structure or architecture. Generalized, this leads to an underlying premise of the A2C2 research program, that joint organizational architectures should somehow attempt to match the available resources to the missions (task structures) at hand in an optimal manner. Furthermore, changes to the resources available or the task structure should in turn induce changes to the joint architectures. In order to design adaptable joint organizations, capable of effectively dynamically changing tasks while sustaining high performance, we need to

increase our understanding of the interactions between joint organizational architectures and task structures. This is a key focus of the A2C2 program.

A. BACKGROUND

The goal of the A2C2 program is to advance the state of knowledge regarding decision making in organizational settings, to include an understanding of how, why, and when organizations adapt or should adapt and what skills, training, and technology are required to support that adaptation. (Entin, 1996)

The A2C2 program uses a "design-model-test-model" (DMTM) framework to conduct its research. Within this framework, models are employed before the experiments ("tests") both to design organizational architectures and to pre-play the experiment. After the experiments, models are compared to data collected during the experiment to validate and improve the models so they can be used to conduct additional analysis. The "test" or experimental portion of the research includes a three-tiered series of "human-in-the-loop" experiments at the Naval Postgraduate School (NPS). These experiments are designed in such a manner that data can be collected both to validate and improve the models and to examine the experimental research questions and hypotheses.

Three tiers of human-in-the-loop experiments are envisioned for the A2C2 project. The three experimental tiers are associated with research at different levels of the basic-to-applied spectrum. Tier-1 experiments are intended to examine basic research questions. They tend to be narrow in scope with highly abstract scenarios, leading to limited realism. Tier-1 involves controlled experiments using NPS officer-students playing roles as Joint Task Force (JTF)

decision-makers. The tier-1 experiments conducted to date (A2C2 experiments one through four) used the Distributed Dynamic Decision-making (DDD) III simulator, which was specifically modified for use in A2C2. Prof. David Kleinman developed the DDD-III at the University of Connecticut (Kleinman et al., 1996), and modified it at the University of Connecticut and at the Naval Postgraduate School to meet experimental needs. This simulator is designed for, and ideally suited to basic research. It offers a high degree of experimental control and supports on-line collection of a variety of user-specified measures. A tier-1 experiment is highly abstract with each human player not only acting as a command decision-maker, but also his/her staff and the computer operator as well.

To date, all four tier-1 experiments, using DDD, and the fifth experiment using MTWS (the focus of this thesis), have employed variants of the same basic scenario, which was abstracted from a joint training scenario used at the Armed Forces Staff College. A country friendly to the United States has been invaded by a neighboring state and has asked the United States for help. In response, a Joint Task Force (JTF) is assembled and tasked to conduct expeditionary amphibious operations to seize a seaport, an airport and a key bridge to facilitate the introduction of follow-on forces. The initial JTF forces must accomplish a set of approximately 50 tasks, some known and some surprise, and some with temporal interdependencies, to achieve the overall mission. Developing concepts and methods to design architectures optimally matched to such a set of tasks, and comparing the performance of these architectures against that of more traditional architectures have been key foci of the A2C2 research. "Trigger" events that dramatically alter the task set or resources available have also

been introduced during the scenario in two of the experiments (two and three) to examine structural and process adaptation. (See Appendix B for the mission briefing.)

Tier-2 and -3 experiments are intended to help transition relevant findings into the more applied and operational/applied research areas. These are “envisioned to be more complex scenarios, more operationally/strategically oriented, joint in nature, require longer trial times in order to capture events of interest, be more distributed in design, and finally, in tier-3, to make of use operating forces as subjects.” (Porter, 1996)

Tier-2 experiments are similar to tier-1, but use a more realistic simulator or higher fidelity model to reproduce a scenario otherwise similar to those used in previous tier-1 experiments. The first tier-2 experiment conducted at NPS was A2C2 experiment five. For experiment five, the Marine Air Ground Task Force (MAGTF) Tactical Warfare Simulator (MTWS) was used. MTWS differs from the DDD in the realistic parameters in the MTWS database for movement speed (slower than DDD) and how the Red forces were played (some Red force moves were manually entered in MTWS). These differences and the similarities will be discussed in Chapter V. In experiment five, each human player again acted as a command decision-maker and his/her staff, but due to increased MTWS interface knowledge (See Appendix H for a screen representation) MTWS terminal operators were used in most trials.

The use of MTWS, a higher fidelity simulator than DDD, created the need for both an operator and a decision-maker in each node to run the scenario. The decision-maker/player team breakdowns are enclosed as Appendix A. Decision-maker/players and operators are discussed later under the conduct of experiment five.

Finally, tier-3 experiments are intended to transition the A2C2 project from simple exercises involving officer-students to wargames and operational exercises that may involve an actual JTF commander and the forces and assets that would be used future real-world military operations. The first tier-3 experiment was conducted during the summer of 1999, with COMCARGRU ONE (CCG-1) and his staff as the JTF decision-makers. MTWS generated scenarios were executed in the Systems Technology Battle Lab (STBL). This experiment will help CCG-1 and his staff prepare their role's as Commander Joint Task Force and staff in Global 99, while also providing operational feedback for the A2C2 project.

B. THE TYPICAL A2C2 EXPERIMENT RESEARCH TEAM

All five experiments to date have involved the A2C2 Research Team composed of members enumerated in paragraph two and four included in the introduction and a Lead Team composed of students from the "senior" Joint C4I Systems Technology (JC4I) Curriculum. The A2C2 Research Team guided the Lead Team in their development and running of the joint tactical scenario for the experiments on the simulator. The NPS Lead Team was tasked with performing a variety of research support, analysis, and administrative roles before, during, and following the experiment. In addition, as part of their course requirement, the Lead Team crafted their own research questions for which data was collected during the conduct of the A2C2 experiment and subsequently analyzed.

C. THE A2C2 RESEARCH TEAM FOR EXPERIMENT FIVE

As discussed above, two sets of researchers were involved in conducting A2C2 experiment five, the A2C2 research team and a "Lead Team" of eight NPS students. The

students were members of the Joint C4I Systems Curriculum, section JC-81, and participated as part of the requirement for the course CC4103, C4I Systems Evaluation. They were all military officers, ranging in rank from O-3 to O-5. The eight officer-students had a wide range of operational experiences from which to draw on as subject matter experts. The Lead Team was divided into two groups, experiment conduct and data with four officer-students in each. The author was the head of the Lead Team.

D. FOCUS AND SCOPE OF THESIS

This thesis focuses on A2C2 experiment five, using the selected observer based and machine generated performance and coordination data to reach any conclusions. This thesis does not include communications data nor any information about the communications and in no way provides all possible research on experiment five. Results of further research using experiment five data will be presented in future Proceedings of the Command and Control Research and Technology Symposiums and other suitable fora.

E. EXPERIMENTAL QUESTIONS

The A2C2 Lead Team objectives in direct support of the A2C2 project for experiment five were developing and testing, with STBL staff and contractor support, a scenario on MTWS that as closely as possible resembled the DDD scenarios used in experiments three and four, and developing a data extraction technique from MTWS.

In addition, the Lead Team sought to answer their own research questions as part of NPS course CC4103, C4I Systems Evaluation:

1. Was the accuracy for performing tasks the same or different for the four-node vs. the six-node architecture?

2. Was the coordination for performing tasks the same or different for the four-node vs. the six-node architecture?
3. Were the MTWS results similar to the results from similar experiments conducted using the DDD?
4. What special considerations, if any, are necessary when conducting controlled experiments using MTWS?

F. ORGANIZATION OF THESIS

The remainder of this thesis is organized as follows: Chapter II describes the past experiments and their impacts on experiment five. Chapter III describes the design and conduct of experiment five. Chapter IV presents preliminary results of experiment five. Chapter V discusses several ancillary research questions and presents lessons learned and future work, and Chapter VI discusses conclusions of experiment five and recommendations for further A2C2 research.

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II. PAST EXPERIMENTS

This chapter discusses the first four A2C2 experiments and their influence on the objectives and conduct of experiment five.

A. PAST EXPERIMENTS

To date five ONR sponsored A2C2 experiments have been conducted at NPS, the first four at the tier-1 level and the fifth experiment beyond the tier-1 level, approaching and serving as a bridge to tier-2. All five experiments simulated a JTF conducting an amphibious assault (See Appendix B for mission briefing) within which organizational architectures and reduction in resources issues were examined. Each experiment was conducted using NPS officer-students as the JTF component commanders/decision-makers and their staffs. For completeness, a brief synopsis of experiments one and two is presented since each A2C2 experiment builds upon its predecessors. Experiment five was influenced the most and hence was built strongly on experiments three and four, thus both need to be discussed in more detail to set the stage for discussion of experiment five.

Four categories of data were collected during each of the data runs for the experiments discussed:

1. Simulator-collected data (DDD or MTWS data files)
2. Video and audio tapes
3. Observer-collected data
4. Player self-report data

The results discussed in this thesis are based on DDD for experiments one-four, MTWS for experiment five and observer-collected data. Results of all four data types collected in all five experiments can be found in the annual Proceedings of the Command and Control Research Technology Symposium (CCRTS), and previous A2C2 related theses from NPS as cited below.

1. Tier-1 Experiments One and Two

Experiment one was conducted in March of 1996. The objectives of experiment one were to evaluate the basic experimental techniques for tier-1 and to gather an initial set of data.

Experiment one explored issues associated with resource conflicts within two and three level command hierarchies. [Ref. 1]

Experiment two was conducted in November of 1996 and built on the results of experiment one. It began to examine architectural adaptation as the effect of changes in mission and reallocation of forces. [Ref. 1]

2. Tier-1 Experiment Three

Experiment three was conducted in July of 1998. It continued the exploration of the past issues and added an additional hypothesis, that in a situation where teams are forced to adapt their structures, given a choice, they will choose the architecture that most closely resembles the one that they are most recently familiar with rather than the one that is most suitable for the situation (proximity vs. optimality). [Ref. 1] The general theme of experiment three involved changes to the organization's structure induced ("triggered") by sudden significant losses of resources.

a. Objectives of experiment three

Several research areas were examined in the third experiment. A primary focus was on the choice officers, playing the role of Joint Task Force decision-makers, made with respect to changes in the organization's architecture. The objectives of the experiment were to:

- Gain knowledge about joint decision-making processes.
- Test the research hypothesis: Organizations will adapt to architecture *closer* to their current one, rather than to an optimal one that is *farther away*. (PROXIMITY vs. OPTIMALITY). See Figures 1 through 4.
- Collect data to compare model predictions with experiment performance to thus improve the model. (For this experiment, models generated architectures with certain inherent properties, predicted performance using those architectures before and after the trigger, calculated *distance* between architectures and simulated decision and coordination processes. Compare Figures 1 and 4.
- Examine the degree of coordination required to complete the resultant tasks and organizational performance. Did organizations designed to require less coordination actually exhibit less, and did this lead to better performance? Compare Figure 1 to the Post-Trigger architectures in figures 2 through 4.

b. Architectures

Architecture A0 (A0') Pre-Trigger

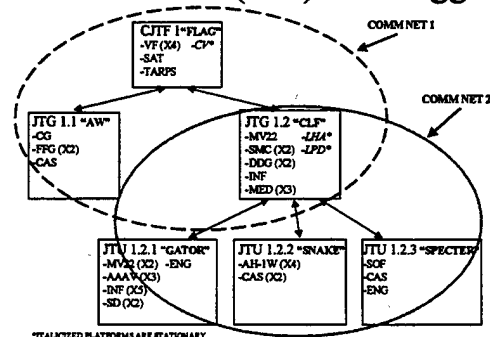


Figure 1. Six-node Architecture "Traditional" Pre-Trigger

Architecture A0 Post Trigger: Only Assets Change

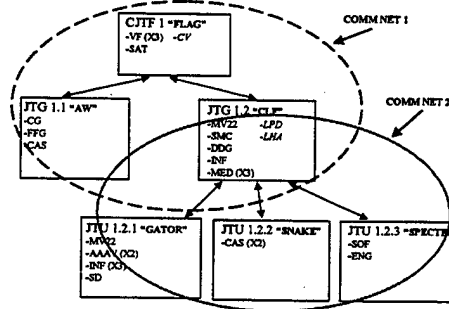


Figure 2. Six-node Architecture "Traditional" Post Trigger

Architecture A2 Post-Trigger: Proximity

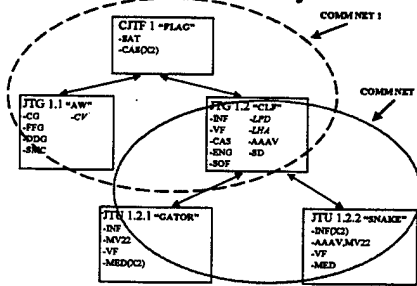


Figure 3. Five-node Architecture designed for Proximity

Architecture A1 Post-Trigger: Optimality (?)

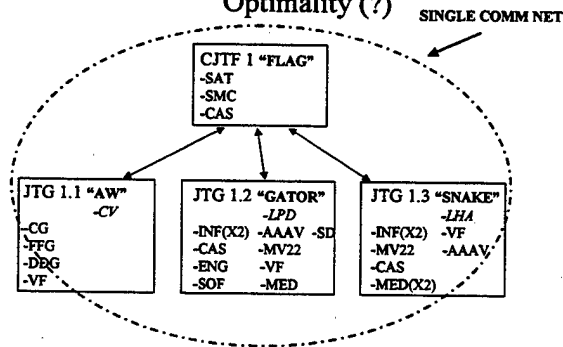


Figure 4. Four-node Architecture designed for Optimality

c. Results of experiment three

To test the "choice" hypothesis in experiment three, players were well trained and familiarized in the original architecture, a "traditional" architecture (Figure 1) that required a relatively high degree of coordination to accomplish selected tasks. They then played in this architecture up to the insertion of a trigger event, which resulted in the loss of approximately 35% of the JTF's assets.

Following the trigger, each team was given a choice of three architectures, all with the reduced asset set: the original six-node architecture they were familiar with (Figure 2); a five-node architecture relatively similar to the one they were familiar with, but designed to perform the mission better (including requiring less coordination, see Figure 3); and a four-node architecture that was very different, but designed to perform the mission in an "optimal" manner (see Figure 4).

After the trigger event all teams decided to "stay" in their original architecture despite the heavy loss of assets. When asked to make a second choice, all but one team (eight of nine) chose the architecture that was relatively similar to the one they were familiar with (refer to Benson, et al., 1998 for views of the architectures). The teams then played the post-trigger scenario in two architectures, the one they chose and one other (of the two remaining choices) assigned in counterbalanced order.

Please note for comparison to experiment four and five architectures that the six and five-node architectures in experiment three each used two communications nets, while the four-node architecture used a single net.

In terms of post experiment coordination measurement, the architectures performed as predicted by the modelers. Based on a subset of the tasks selected before the experiment, the average number of nodes coordinating to accomplish each task was different between architectures, with organizations designed to require less coordination actually exhibiting less coordination. Performance, on the other hand, was not as anticipated. The architecture that required the most coordination (the original architecture shown in Figures 1 [pre-trigger] and 2 [post-trigger]) actually performed best. (Benson, et al., 1998) This unanticipated result impacted on the design of experiment four.

Among other things, it was desired to determine whether the lack of desire to change that the teams exhibited was due to a learning effect. That is, if the teams being more familiar with and better trained in the basic architecture were loathe changing into the less well understood architectures. The modelers predicted a change, but lack of training and familiarity with other architectures may have prompted their selection.

3. Tier-1 Experiment Four

Experiment four was conducted in November of 1998. While a primary goal of the experiment was to investigate the results of experiment three, several new research areas were also pursued.

a. Objectives of Experiment Four

The objectives of Experiment four were to:

- Gain knowledge about joint decision-making processes.
- Test the research hypotheses: For properly trained teams, model-based, optimized organizations will perform better than "traditional" ones.

- Collect data to compare with model predictions (and thus improve the models).

b. Architectures used in experiment four¹

Three architectures were employed in experiment four, all with the reduced asset set from experiment three. A six-node traditional architecture that required a relatively high degree of coordination to accomplish the tasks (similar to the original architecture with reduced assets in experiment three), see Figure 5 below. A six-node architecture designed to perform the mission in an "optimal" manner, see Figure 6 below, and finally a four-node architecture that was also designed to perform the mission in an "optimal" manner (similar to the "optimal" architecture in experiment three), see Figure 7 below. As in experiment three, in experiment four, the six-node architectures employed two communications nets and the four-node architecture used a single net.

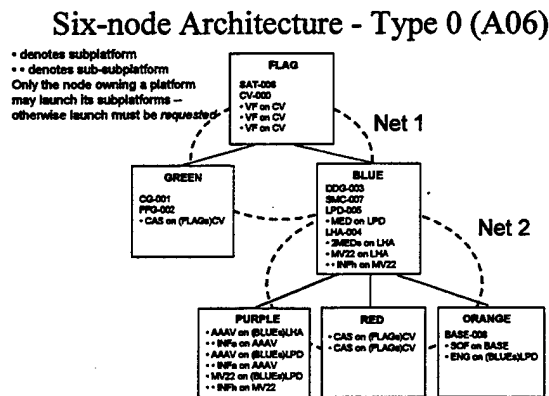


Figure 5. Six-node (A06) Architecture

¹ A2C2 Debrief from Experiment Four, August 1998, Entin, et al.

Model-Based Architecture: Six-node Type 1 (A16)

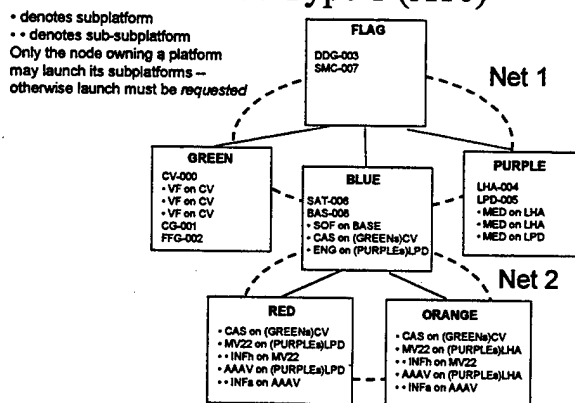


Figure 6. Six-node (A16) Architecture

Model-Based Architecture: Four-node (A14)

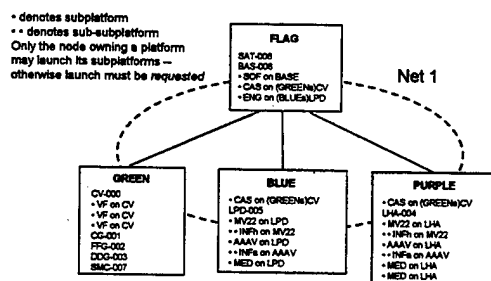


Figure 7. Four-node (A14) Architecture

c. Results of experiment four²

The preliminary results from experiment four demonstrated that the model based six-node architecture (A16) outperformed the traditional six-node (A06) significantly and also that performance of the model based four-node (A14) architecture was not statistically different from the traditional (A06) architecture despite a 33% manning reduction. More detailed results

of experiment four are given in the 1999 CCRTS Proceedings by Hocevar, et al. *Assessments of Simulated Performance of Alternative Architectures for Command and Control: The Role of Coordination*; Entin, Elliot *Optimized Command and Control Architectures for Improved Process and Performance*; Hutchins, et al. *Evaluating Human Performance in Command and Control Environments*; Kemple, et al. *The A2C2 Experimental Concept*; Hutchins, et al. *Analysis of Team Communications in "Human-in-the-Loop" Experiments in Joint Command and Control*.

² A2C2 Debrief from Experiment Four, August 1998, Entin, et al.

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III. OBJECTIVES AND CONDUCT OF EXPERIMENT FIVE

Experiment five was conducted in March of 1999. It attempted to replicate the second of the above experiment four findings – equivalent performance of the model-based four-node architecture and the six-node, traditional architecture using the tier-2 MTWS simulator. This experiment is the basis for this thesis and will be discussed in greater detail in the remainder of this chapter.

A. EXPERIMENT FIVE

MTWS was used as the experimental driver for experiment five. MTWS runs on Hewlett Packard Unix workstations, set up in their own local area network. Nine workstations were used in experiment five, three as servers and six as player terminals.

The scenario and forces used replicated as closely as possible those in experiment four. The similarities and differences between DDD and MTWS are discussed in chapter V, section A, subsection 1.a and 1.b.

Like previous experiments, the scenario involved NPS officer students playing as JTF and component commanders. Again, each player represented a commander (decision-maker), and assigned staff. However, as discussed below, for most of the runs, an MTWS terminal operator supported each decision-maker.

1. Objectives of experiment five

Recall that the A2C2 Lead Team support objectives for experiment five were to develop and test, with STBL staff and contractor support, and under the direction of the A2C2

researchers, a scenario on MTWS that as closely as possible resembled the DDD scenarios used in experiments three and four, and developing data extraction techniques based on MTWS. The experimental goals were:

- Based upon summary statistics from MTWS was the accuracy for performing tasks the same or different for the four-node vs. the six-node architecture?
- Based upon summary statistics from MTWS was the coordination for performing tasks the same or different for the four-node vs. the six-node architecture?
- Are the MTWS results similar to the results from similar experiments conducted using the DDD?
- What special considerations are necessary when conducting controlled experiments using MTWS?

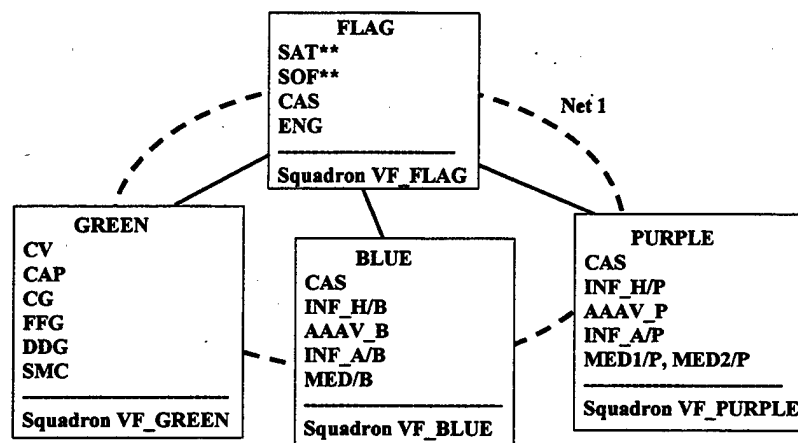
Based upon those questions the author examined experiment five as an attempt to use a tier-2 model – MTWS – in an abstract way to make it look like a tier-1 model – DDD. Then compared the results of experiment five with the DDD-based experiment four results discussed above and in the 1999 Proceedings of the CCRTS to see how closely the two models each reflect the other. Toward this goal, the author also examined those above, and added the additional research questions listed below.

- What is the feasibility (and resources required) to collect the same or similar measures using MTWS as collected from the DDD?
- What factors should be considered when selecting the experimental driver when the research question does not clearly favor one over the other (deciding between the DDD and MTWS)?
- In order to better control the initial comparisons between MTWS and DDD, MTWS was played in as highly abstract a mode as it was able to support (see Greenwood, 1998). What are the implications for using a high fidelity tactical simulator in a low fidelity environment?
- Does the use of trained operators between the decision-makers (subjects) and the experimental simulator affect performance?

2. Architectures used in experiment five

The forces were utilized in either a four-node with one communications net (everyone can talk to each other) or a six-node with two communications nets (where one decision-maker acts as the relay) architecture. These are the same basic architectures as were used in experiment four (A14 and A06); they were modified slightly as shown below in Figures 8 and 9 to suit MTWS operations and reflect model improvements.

Four-node Architecture (A14)



** Passive Asset: Need to request intelligence from controller

Figure 8. Four-node (A14) MTWS Architecture

Six-node Architecture (A06)

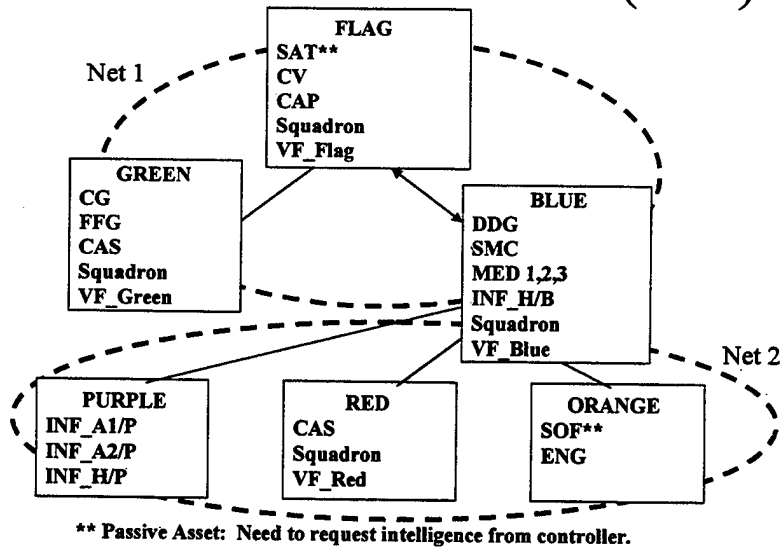


Figure 9. Six-node (A06) MTWS Architecture

Figure 8 shows the four-node (A14) architecture modified for MTWS (compare to Figure 7). Similarly, the six-node (A06) architecture examined is shown in Figure 9. It is a modification of the DDD architecture shown in Figure 5.

3. Conduct of experiment five

The participants included 7 officer-students from the JC-81 "senior C4I systems" class and 13 officer-students from the JC-91 "junior C4I systems" class from NPS. The participants were divided into 5 four-node teams (3 junior and 2 senior) and 3 six-node teams (2 junior and 1 senior). They participated in fourteen trials over a two-week period. Eight trials used the four-node A14 architecture (Figure 8). To examine the possible requirement for trained operators, three of those had each single players act as both the decision-maker and operator for a node, and

five trials used pairs of players (decision-maker and operator) in each node. Six trials used the six-node A06 architecture (Figure 9). All six-node trials used pairs of players in each node (separate decision-makers and operators). Team breakdowns are shown in Appendix A, figure A2. All handouts given to the participants for their use during the trials are enclosed in Appendix C.

a. Training

The junior class was given 5 hours of general MTWS training and 5 hours of intensive operator training followed by 10 hours of operator practice. The JC-91 officer-students acted as the operators for eleven of the fourteen trials in which operators were provided to the decision-makers (one player per node).

The senior class had all acted as both decision-makers and operators in experiment three using the DDD, and thus were familiar with the scenario. In addition, the seniors would only perform as decision-makers during experiment five, so they were only provided with 5 hours of general MTWS training and 2 hours observing a JC-91 performance trial (but not the same scenario, see Appendix A and section 6 below, as their subsequent performance trial).

Each trial was scheduled for a two-hour block. The end of a block included a performance trial lasting 30 to 40 minutes. Teams playing a four-node or six-node architecture for the first time were given the first hour to adjust using a training scenario and the architecture they would be in for the performance trial. (See Appendix A for the trial schedule).

4. Data Collection

Data collection was accomplished after every performance trial. Four categories of data were collected during each data trial:

1. Player self-report data
2. Observer-collected data
3. Video and audio tapes
4. Simulator-collected data (DDD or MTWS data files)

Player self reports and observer-collected data sample questionnaires are enclosed as Appendix I. All completed questionnaires are held by Dr. Elliot Entin at Alphatec, INC., compilations of the data are available directly from him, see Appendix I for contact information.

Video and audiotapes of experiment five performance trials were created and are held by Professor Hocevar, Professor Hutchins, and Professor Kleinman, of NPS. Professor Hocevar is a member of the Systems Management Academic Group and Professors Hutchins and Kleinman are members of the C3 Academic Group.

MTWS provided the main source of data used for this thesis and will be discussed in the following subsections in greater detail. These subsections may be skipped during the first reading of the thesis for easier reading.

Data was collected from MTWS in the following manner.

a. Data Collection Gouge Sheet

The following are directions for data collection from MTWS using data parsing algorithms developed by LT Ron Soule, USN, written in Turbo Pascal 4.0. The extracted data was formatted for direct input into MS Excel for final analysis. Within the instructions MDS,

MAN and AG are MTWS labels for the controller, manual controller, and aggressor controller respectively. MDS007 and AGCON_1 were one and the same machine performing both functions concurrently.

1. The Aggressor MDS (MDS007) must be set up with all the appropriate controllers selected. (Note that you do not want any controllers selected during a practice run unless it is your intention to append the actual run's spot reports to the end of the practice run's spot reports. If you only want the actual run's spot reports, then wait until the practice run is completed and the actual run has been loaded into the system before you select the appropriate controllers.)

- AGCON_1
- MANCON_1
- MANCON_2
- MANCON_3
- MANCON_4
- MANCON_5
- MANCON_6

2. The following are the names for the runs. These should be inserted in place of the <runname> field where appropriate. (A note about the run names – J stands for Junior or JC-91 class, S stands for Senior or JC-81 class, the numbers represent first four- or six-node teams and the second stands for the team number, the V1-V4 are versions of the manually entered red script – see Figure 10 below).

J43J42_V1
J41J43_V1
J42J41_V2
S41J42_V2
S42J43_V2
J61J62_V3
J62J61_V4
J62J61_V1
J61J62_V2
S61J62_V2
S61J61_V3
J42J42_V3
J41J41_V3
J43J43_V3

3. The required data file are kept in the following directories/files (accessible from MDS007):

```
/tmp/Spot_Report_Log  
/mtws/db/man/<runname>/command.history
```

4. A directory for each of the runs has already been created to hold a copy of the data in the following location:

```
/mtws/mds/spotbak/<runname>
```

5. A copy of the Spot_Report_Log and command.history files must be copied to the appropriate directory for each run using the following commands from the **hpterm** window on MDS007.

- a. Change the current directory to the appropriate /mtws/mds/spotbak/<runname> directory:

```
cd /mtws/mds/spotbak/<runname>
```

- b. Copy the data files identified in step 3 (the same ones as listed just above) to the /mtws/mds/spotbak/<runname> directory.

```
cp /tmp/Spot_Report_Log Spot_Report_Log  
cp /mtws/db/man/<runname>/command.history command.history
```

6. Logon to the Windows NT station:

```
Userid: mtwsusr  
Password: mtws4u
```

7. Start Windows NT Explorer and select the C: disk drive
8. Open up a DOS Command window (you should be at the C:\ prompt). If you are not, type:

```
cd C:\
```

9. From the DOS Command window, use ftp to copy the files from the MDS to the NT machine:

```
ftp 207.85.236.164  
user: mtwsusr  
password: mtws4u  
cd /mtws/mds/spotbak/<runname>
```

```
get command.history
get Spot_Report_Log
close
bye
```

10. Close the DOS Command window by entering:

```
exit
```

11. Move (or copy then delete) the 2 files from the C:\ directory to the C:\mtwsfiles\data**<date>_<runname>** directory using Windows NT Explorer.
12. Save the **<runname>** directory to the appropriately marked floppy disk on the A: drive.

Right click on the **<runname>** directory
Send to 3½ Floppy (A)

13. Double Click on the **Parse** shortcut (in the appropriate **<runname>** directory) to run the Parse.EXE program.

spot_r~1 is the name of the input file to be parsed
parsed.txt is the name of the output file to which the parsed data will be saved

14. Note that an additional file gets saved as well, called **dumpfile.txt**. This file will contain any lines of text from the input file that Parse.EXE could not parse to the output file.

b. Turbo Pascal Program

A program was written to interpret the MTWS generated data and convert it into a usable form that was then fed into MS Excel for sorting. The complete program is enclosed as Appendix D. Figure 10 below shows the main parts of the parser program. The parser program was used on the Unix workstations.

```

BEGIN {main program}
    clrscr;
    OpenFiles (InFile, ParseFile, DumpFile);
    ParseTheFile (InFile, ParseFile, DumpFile);
    CloseFiles (InFile, ParseFile, DumpFile);
END. {main program}

```

Figure 10. Data Parsing Program.

Figure 11 shows how the parser works. The inputs to the parser are the *Spot_Report_Log* and *command.history* file and *parsed.data* file and a *dump* file which will contain any records the parser did not recognize. One complete set of each (excepting *dump* files) from both a four- and a six-node run are given in Appendix F. Soft copies of all the data runs are available from Professor Kemple in the C3 Academic Group.

PROCEDURE ParseTheFile

WHILE NOT(eof(inFile)) DO

- get a line of text from the input file
- get the key (type of report)
 - field := GetField(s);
- Processes the 51 types of reports in the following categories:
 - Air Operations
 - Ground Operations
 - Ship Operations
 - CE Operations
 - Fire Missions
 - Assessment Reports
 - Miscellaneous Status Reports

Figure 11. How the parser works

c. The Excel spreadsheet

After Parsing, the data was electronically transferred (FTP'd) from the Unix workstation to a PC, put into an Excel spreadsheet and sorted. A sample of the parsed data in Excel is shown in Table 1.

DTG	UID	UTM	CTLR	REPORT	MESSAGE
060800ZJAN99	SOF	32SPG726000	MANCON 1	OBJECT DETECT	HAVE DETECTED STRUCTURE
060800ZJAN99	SOF	32SPG726000	MANCON 1	OBJECT DETECT	HAVE DETECTED BRIDGE
060800ZJAN99	SOF	32SPG726000	MANCON 1	OBJECT DETECT	HAVE DETECTED RIVER
060801ZJAN99	H1	32SOG099006	MANCON 2	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT
060801ZJAN99	FFG	32SOG099007	MANCON 2	ASSESSMENT REPORT	AIR TO SURFACE Mst# H1
060801ZJAN99	SOFFCAS1	32SPG901122	MANCON 1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED
060801ZJAN99	FCAS1	32SPG901122	MANCON 1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED
060801ZJAN99	GCAP1	32SPG901122	MANCON 2	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED
060801ZJAN99	AA86	32SPF625617	AGCON 1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED
060801ZJAN99	LHA	32SPF962990	MANCON 4	AIR TRK DATA	AIR TRACK DETECTED
060801ZJAN99	AA86	32SPF658621	AGCON 1	AIR MSN ILLUMINATED	AIR MISSION ILLUMINATED BY NON-SAME SIDE RADAR
060801ZJAN99	LHA	32SPF962990	MANCON 4	AIR TRK DATA	AIR TRACK DETECTED
060801ZJAN99	LHA	32SPF962990	MANCON 4	AIR TRK DATA	AIR TRACK DETECTED
060801ZJAN99	LHA	32SPF962990	MANCON 4	AIR TRK DATA	AIR TRACK DETECTED
060801ZJAN99	GCAP2	32SPG901122	MANCON 2	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED
060801ZJAN99	FCAS2	32SPG901122	MANCON 1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED
060802ZJAN99	BCAS1	32SPG901122	MANCON 3	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED
060802ZJAN99	SOFFCAS1	32SOG025193	MANCON 1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT

Table 1. Sample of the parsed data in Excel.

There are additional 40 columns to each set of parsed data and the reports average over 1100 lines of data collected for each run.

5. DDD III and MTWS data

The types of data collected by the two simulators is different. DDD automatically scores the games based on a number of factors. Five factors were used to score previous DDD performance trials. Part of the data from these five factors was collected from MTWS via the parser and Excel and the rest was measured by observers during post game analysis sessions. These data were manually combined and scored by the Lead Team. MTWS version 2.0 includes

an automated after action review (AAR) module which promises to provide a wealth of automated data accessible with a modern ad hoc query engine for future tier-2 experiments.

(Refer to the MTWS Manuals for version 2.0 for complete details.)

IV. RESULTS OF EXPERIMENT FIVE

This chapter discusses the results of experiment five and how closely, or not, based on both observer-generated data and machine-generated data, experiment five results resembled those of experiments three and four. This chapter also discusses the various types of reports generated during a run, how they are interpreted and the data analysis methods used.

To reiterate the goals of experiment five were to produce equivalent performance (compared to experiment four) and coordination scores (compared to experiment three) of the model-based four-node architecture and the six-node, traditional architecture using the tier-2 MTWS simulator. Also, to determine any special considerations necessary when using MTWS for controlled experimentation, such as the effect of using operators, and data collection requirements from MTWS. Ancillary questions will be answered in Chapter V.

A. REPLICATION OF THE DDD-III RESULTS OF EXPERIMENT FOUR³

The MTWS A2C2 experiment five, as discussed above in the objectives, was designed in part in an attempt to replicate the data and results from DDD-based experiments three and four. If successful the results will serve as a bridge between tier-1 and tier-2 experiments.

The results based on both observer and machine collected data indicate that the experiment four finding is reproduced in experiment five – well trained, four-person teams playing in a model-based, optimized architecture perform as well as trained, six-person teams playing in a “traditional” architecture.

³ Observer-based results from A2C2 Experiment Five Preliminary Results Debrief by Entin, et al., March 1999.

Figure 12 shows the observer performance ratings for the two architectures. As in experiment four, there is no significant difference in observer performance rating between the optimized four and traditional six node architectures despite having two more people to complete the same tasks.

Observer Performance Ratings

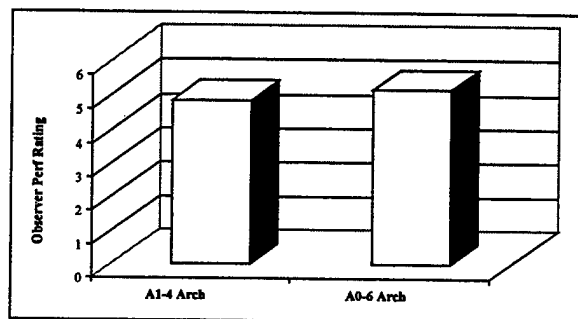


Figure 12. Observer Performance Ratings from experiment five.

Performance based on machine-collected data is reflected in Figure 13. It again shows that there is no significant difference in performance between the optimized four- and traditional six-node architectures. In this case, the data are average accuracy scores reflecting how well the team brought the required assets to bear on a pre-selected set of five tasks. The data were extracted via the MTWS Parser (Appendix D) and analysis of the data is shown in Appendix E.

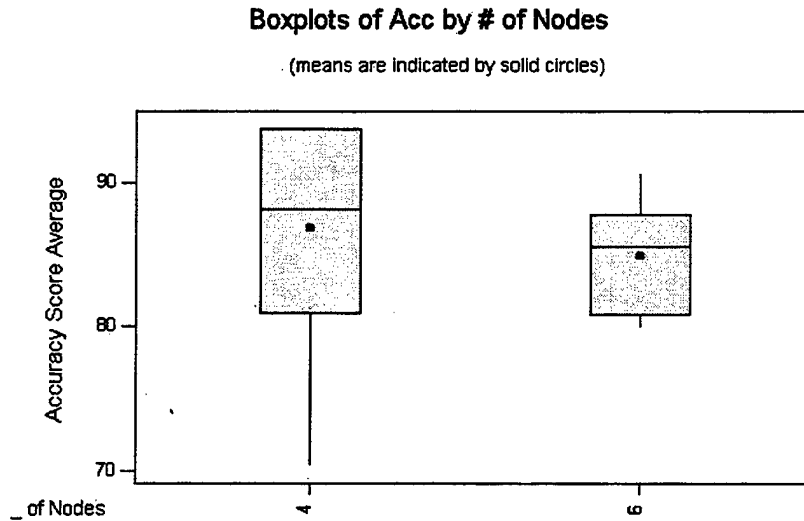


Figure 13. Boxplot of accuracy by # of nodes.

1. The effect of the use of trained operators to assist decision-makers (players) on performance.

To assess the effect of having separate simulator terminal operators and decision-makers in each node rather than having one person do both tasks (as was done on the DDD), three four-node runs were conducted with the decision-makers also being the operators (The remaining 11 of the total 14 runs had both). The differences in the observer performance ratings are insignificant. But with an indication that no-operator teams perform better. This apparent anomaly, if it is real, might be explained by two facts. First the JC-91 teams played as operators for other teams and as decision-makers with supporting operators for their first runs before conducting their last run without operator support. Thus, they participated in a considerably higher number of trials. Second, the 3 trials in which JC-91 performed as both decision-makers

and operators were the last three trials of the experiment. Both facts could indicate that learning contributed to the (not significant) differences in Figure 14.

Operators vs. No Operators

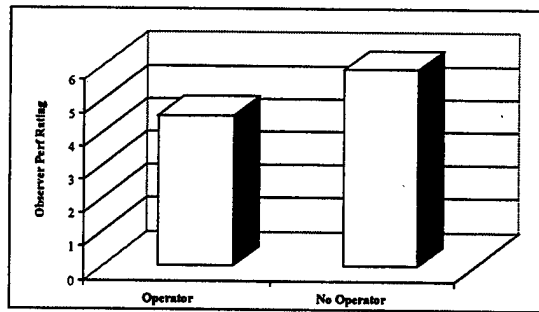


Figure 14. Operators vs. No Operators from experiment five.

2. Workload breakdown

Although it was not a specific research question, the workload distribution between nodes was compared across the architectures to see if the optimized architecture resulted in a more even distribution. The results based on observer data are shown in Figures 15 and 16. It appears that workload was distributed more evenly across the nodes in the four-node architecture, but the differences are statistically insignificant. (Entin, Outbrief of experiment five) Of interest in both architectures is the workload associated with ground operations. In the four-node architecture (Figure 8 above), Purple and Blue with the highest workload rating included the infantry units and conducted the ground operations, while in the six-node architecture (Figure 9 above), the infantry and supportive CAS nodes (Purple and Red) had the highest workload.

Workload Across Architectures

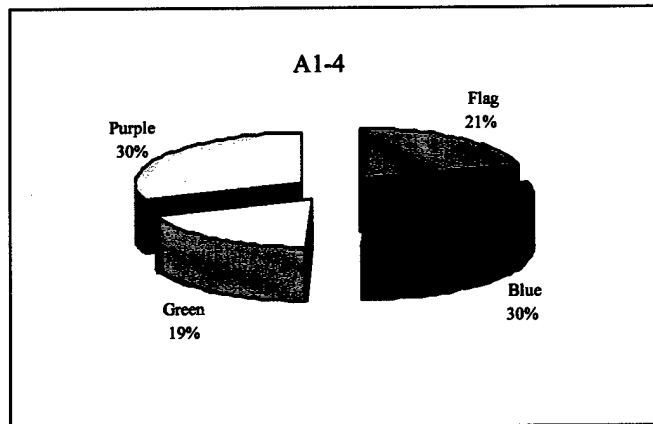


Figure 15. Workloads across architecture (A14) from experiment five.

A0-6 Workload

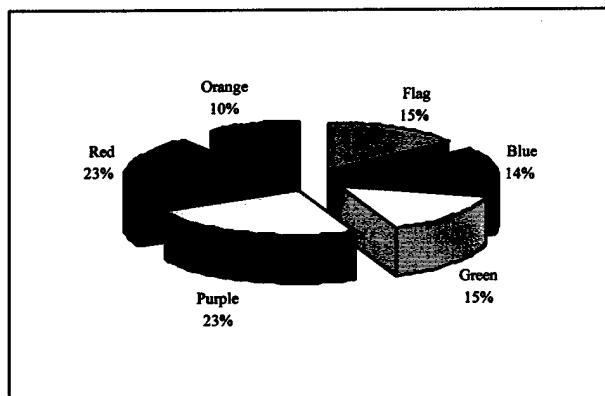


Figure 16. Workloads across architecture (A06) from experiment five.

Workload assessments based on MTWS data are shown for each team in Figures 17 and 18. The workload was estimated by counting the number of commands issued by each player. The data parsing and Excel routines developed for handling the MTWS data are discussed in Appendixes D and F. Again, the distribution is not statistically different using Minitab one-way

analysis of variance, based on comparisons between workloads for all the performance trials. For pie chart comparisons refer to Figures 19 and 20.

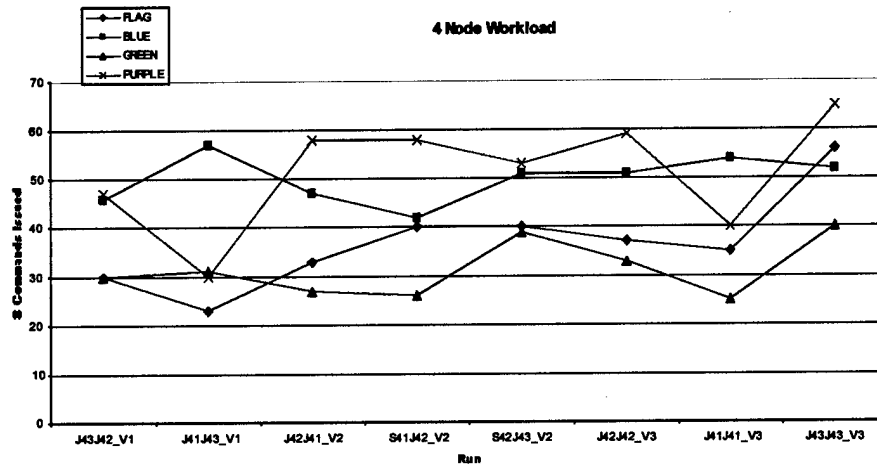


Figure 17. Four-node Workload from experiment five.

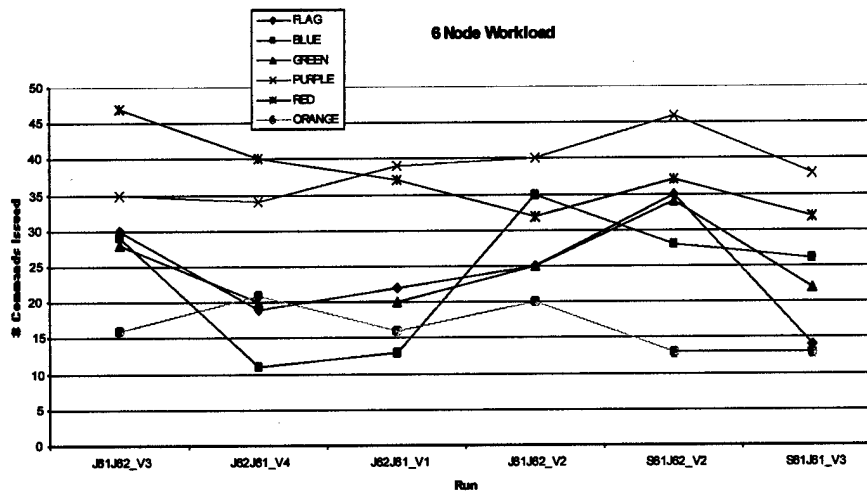


Figure 18. Six-node Workload from experiment five.

4 Node Workload data Machine Generated

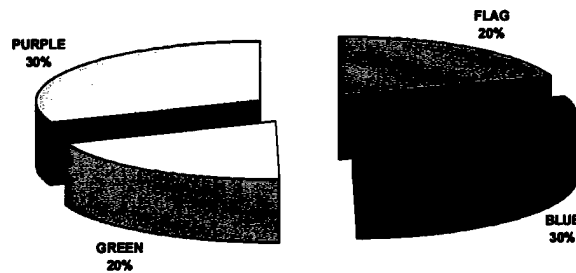


Figure 19. Four-node pie chart of workload data – machine generated.

Six-Node Machine Generated Workload Data

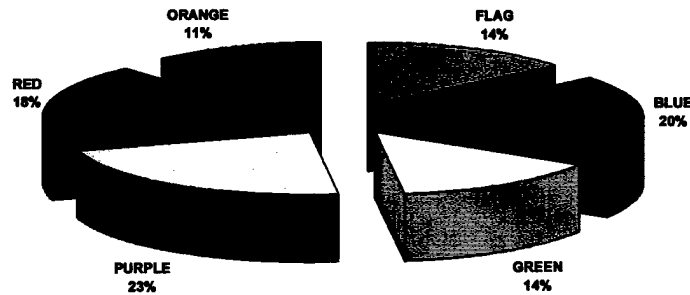


Figure 20. Six-node pie workload – machine generated.

3. The feasibility (and resources required) to collect the same or similar measures

DDD automatically collects data within its software and can be relatively easily customized for data collection. MTWS sends predetermined types of game play information to files. The two files that are important for data collection in MTWS after a run are the *Spot_Report_Log*, and *command.history* file.

A *Spot_Report_Log* contains a record of all spot reports received by the workstation (A representative sample four-node and a six-node *Spot_report_log* are contained in Appendix F). A spot report is generated whenever an operator enters data and any corresponding actions resulting from that data entry. Sample reports are listed below. The *Spot_Report_Log* gathers all the spot reports generated during a game. The contents of a *Spot_Report_Log* are dependent on what resources were selected for the workstation (they varied from MANCON 1 to 7, MANCON's and their functions are discussed in Chapter III, (within the MTWS Gouge Sheet and below), resources for each MANCON were derived from a Summary Unit Asset Report at each workstation and printed off for the players—the Unit Asset Reports are derived from the MTWS Batch Files listed in Appendix I. To generate a comprehensive log for all forces in the entire game, the red or opposition force controller station (MANCON 7) was set to collect all spot reports for the game. The value of this technique was proven when, in one run of the scenario, the red station was not set properly. This required that data had to be collected at each workstation and manually merged. Collecting the data from the individual workstations requires that the researchers manually time correlate all the events instead of all the events being in one file and time correlated by the computer.

The *command.history* file contains every valid command entered at any of the participating workstations, representative sets of both a four-node and a six-node *command.history* files are in Appendix F.

There are two key Excel data files used for data analysis that are important to discuss. The two key files are the *parsed.data* and *dump* files. The *parsed.data* files contain all files including the set up commands for each run, representative sets of both a four-node and a six-

node *parsed.data* files are in Appendix F. The *dump* file contains any data that Excel could not interpret. I did not include any *dump* file examples since they were empty. Soft copies of all files are available from Professor Kemple in the CC Academic Group.

Samples of various spot reports received are listed below.

a. Samples of various reports received

Air Report. The cruise missile launched by MANCON 2 has reached attack point. The corresponding status change report for SUB2 to AGCON1 stating that it is under air attack at the UTM coordinates 32SQF124981.

```
;AIR RTE POINT;ASW3;32SQF124981;060814ZJAN99;MANCON_2;CRUISE MISSILE HAS  
REACHED ATTACK POINT  
PRINTED BY: mds007
```

```
;STATUS CHANGE;SUB2;32SQF124981;060814ZJAN99;AGCON_1; UNDER AIR ATTACK  
PRINTED BY: mds007
```

Detection Report. Silk 2 is reporting to AGCON 1 that it has detected a structure at UTM coordinates 32SPF879851.

```
;OBJECT DETECT;SILK2;32SPF866877;060814ZJAN99;AGCON_1;HAVE DETECTED  
STRUCTURE AT 32SPF879851;  
PRINTED BY: mds007
```

Generic assessment report. The assessment report to the FFG that their air-to-surface attack occurred, however since no one was there, who was under MANCON 2's control, there was no assessment of the attack.

```
;ASSESSMENTREPORT;FFG;AIR_TO_SURFACE;32SQF124981;060814ZJAN99; MANCON_2;  
NO ASSESSMENT; Msn# ASW3  
PRINTED BY: mds007
```

Ground engagement report.

```
;REPORT; GROUND_ENGAGEMENT2; 32SPF844929; 060814ZJAN99; MANCON_4,  
AGCON_1;  
Initial engagement times:  
INF_A/P; 060806ZJAN99  
HILLIFY; 060806ZJAN99
```

INF_H/P; 060809ZJAN99
VMV_PURPLE; 060810ZJAN99
Cumulative losses:
UNIT HILLIFY; TROOPS 5 WIA, 1 KIA UNIT AGSUP; No damage assessed. UNIT
AGSUP; No damage assessed.
UNIT HILLIFY; HMMWV-40MM-MG 1 K_KILLED,
UNIT INF_H/P; TROOPS 2 WIA,
UNIT VMV_PURPLE; TROOPS 4 WIA, UNIT AGSUP; No damage assessed.
UNIT FROG2; TROOPS 3 WIA,
Incremental losses (increases since the last report)
UNIT HILLIFY; TROOPS 3 WIA, 1 KIA
UNIT VMV_PURPLE; TROOPS 4 WIA,
UNIT INF_H/P; TROOPS 2 WIA,
UNIT HILLIFY; HMMWV-40MM-MG 1 K_KILLED,
PRINTED BY: mds007

The ground engagement report shows the detail given by MTWS. INF_A/P and INF_H/P are infantry units controlled by the player named "Purple." HILLIFY is the corresponding red infantry unit being attacked. VMV_Purple are the MV-22's used to transport the Purple infantry.

See Appendix F for representative complete sets of all data files with the exception of the empty *dump* files, soft copies of all data sets are available from Professor Kemple.

B. ACCURACY SCORES ANALYSIS

In order to accomplish the objectives of experiment five the accuracy of the teams needed to be measured. Accuracy is based on a comparison of the combined resources of the assets used and the resources that the task required, see Figure 21 below and Appendix E, part B. This was accomplished using the parsed data files, with manual counting done by the Lead Team and entered into an Excel spreadsheet. Appendix E lists the complete accuracy calculations and spreadsheets for all fourteen trials. Table 2 lists the accuracy score (averaged across all five pre-selected tasks) for each experimental trial.

Run #	Date	Decision Maker	Operator	Variant	# of Nodes	Accuracy Score Avg
1	2/23/99	J41	J43	V1	4	88.15%
2	2/24/99	J43	J42	V1	4	70.30%
3	2/24/99	J42	J41	V2	4	88.15%
4	2/25/99	S41	J42	V2	4	93.75%
5	2/25/99	S42	J43	V2	4	93.75%
6	2/26/99	J61	J62	V3	6	79.96%
7	2/26/99	J62	J61	V4	6	81.22%
8	3/1/99	J62	J61	V1	6	86.82%
9	3/1/99	J61	J62	V2	6	86.82%
10	3/2/99	S61	J62	V2	6	90.63%
11	3/2/99	S61	J61	V3	6	84.34%
12	3/3/99	J42	J42	V3	4	78.58%
13	3/3/99	J41	J41	V3	4	88.15%
14	3/3/99	J43	J43	V3	4	93.75%

Table 2. Excel spreadsheet showing accuracy score data from all runs of experiment five.

The accuracy scores were analyzed using Minitab One Way Analysis of Variance with the number of nodes architecture type as the factor. The differences between architecture types were insignificant ($P=0.626$). This compares favorably with the accuracy results in experiment four (compare Table 2 to Chapter II paragraph A.3.b. above). Due to the small sample size, the experiment does not prove conclusively that the DDD results could be replicated on MTWS, but this is a good step towards that goal. Similar in both experiments were the data collected manually by observers during game play, analysis of experiment four data for accuracy is contained in the 1999 Proceedings for the Command and Control Research and Technology Symposium; Hocevar, et al. *Assessments of Simulated Performance of Alternative Architectures for Command and Control: The Role of Coordination*; Entin, Elliot *Optimized Command and Control Architectures for Improved Process and Performance*; Hutchins, et al. *Evaluating Human Performance in Command and Control Environments*; Kemple, et al. *The A2C2 Experimental Concept*; Hutchins, et al. *Analysis of Team Communications in "Human-in-the-*

Loop” Experiments in Joint Command and Control, observer collected data for experiment five is displayed in Figure 12 above. Accuracy for experiment five was calculated based on the resource capabilities of each asset used versus the resources required to complete each task (see Figure 21 below), using an excel spreadsheet designed by MAJ Jon Cook, USMC. Figure 21 shows an example accuracy calculation for North Beach. The complete accuracy scores analysis is in Appendix E.

Accuracy is based on a comparison of the resource capabilities (1st table in Figure 21) of the assets used and the resources that the task required (2nd table in Figure 21). The accuracy for the north beach in this case was 1.

N Beach	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
	INF	2	2	0	0	20	4	4	20	2	0
	CAS	1	1	3	0	0	10	8	0	1	0
	DDG	0	0	0	0	0	0	0	0	0	0
	ENG	0	0	0	0	0	0	0	0	0	0
	ForceTotal, r =		3	3	0	20	14	12	20	3	0
	Required Power, R _i =		0	0	0	10	14	12	0	0	0
	Adjusted r _i =		na	na	na	10	14	12	na	na	na
	r/R _i =		0	0	0	1	1	1	0	0	0
	[r/R _i] ² =		0	0	0	1	1	1	0	0	0
	Σ [r/R _i] ² =		3								
	(1/n)*Σ [r/R _i] ² =		1								
			=Accuracy								

Nonzeros, n =	3
---------------	---

Resource Capabilities

Asset	AAW	ASUW	ASW	GASLT	FIRES	ARMR	HOLD	MINE	MED
CAS	1	3	0	0	10	8	0	1	0
DDG	10	10	1	0	9	5	0	0	0
ENG	0	0	0	2	0	0	2	5	0
INF	1	0	0	10	2	2	10	1	0

Task Requirements

Hill	0	0	0	0	14	12	0	0	0
Beach	0	0	0	10	14	12	0	0	0
Airport	0	0	0	20	10	4	0	0	0
Seaport	0	0	0	20	10	4	0	0	0
Bridge	0	0	0	8	6	0	0	4	0

Figure 21. Accuracy experiment five.⁴

⁴ MAJ Jon Cook, USMC designed the Excel spreadsheet for the accuracy scores data analysis. The Resource Capabilities and Task Requirements tables are from Entin, et al., 1996.

The accuracy was then carried forward to the overall accuracy chart and multiplied by 100, so that for this task the accuracy was 100%. This is shown in Figure 22 below.

Objective	Assets Used				# of Controllers	Accuracy Score
	CAS	SHIP	INF	ENG		
North Beach	BCAS3		INF_H/B INF_A/B		2	100.00%
Hill	PCAS1 PCAS2 PCAS3		INF_H/B INF_A/B INF_A/P INF_H/P		2	100.00%
Airport	BCAS2		INF_H/B INF_A/B		1	100.00%
Seaport			INF_A/P INF_H/B		2	72.00%
Bridge	PCAS6			ENG	2	68.75%
					Avg	88.15%

Figure 22. Accuracy score for one run on all objectives.

The assets delineated in the Assets Used columns and in the # of Controller's column in Figure 22 were hand counted from the data spreadsheets shown in Appendix F. Each of the tasks had a specific requirement to use certain asset options to accomplish the task, each decision-maker was given a handout containing this information. Table 3 below shows what asset options could complete each task. The decision-makers had a copy of the information for successfully completing each mission. All handouts given to the players can be found in Appendix C.

Tasks		Suitable Force Packages (See Note 1)		
Task Name	Value	Option 1	Option 2	Notes
Take hill	20	1 CAS + DDG + 1 INF	2 CAS + 1 INF	See Note 2
Take Beach	20	1 CAS + DDG + 1 INF	2 CAS + 1 INF	See Note 2
Airport	30	1 CAS + 2 INF		See Note 2
Seaport	30	1 CAS + 2 INF	(DDG or CG) + 2 INF	See Note 2
Hold Hill	10	1 INF (must leave on hill)		
Lead vehicle	15	1 CAS with intel via SOF		See Note 3
Bridge	15	1 CAS + ENG		See Note 2
Medivac (See Note 4)	5	MED		
Sea Mines	10	SMC		
Artillery	2	DDG	1 CAS	
Frogs	10	DDG	1 CAS	
Ground Mines	5	ENG		
Tank	5	2 CAS		
Silkworm	15	1 CAS with intel via SAT/SOF		See Note 3
SAM Site	10	1 CAS with intel via SAT/SOF		See Note 3
Hind Helo	4	1 CAP	CG or DDG	
Hostile Aircraft	15	1 CAP	CG or DDG	
Submarine	25	FFG	DDG	
Patrol Boat	15	1 CAS with intel via SAT	CG or DDG or FFG	See Note 3

Note 1: Any other force packages will result in casualties or overkill/waste

Note 2: Stand-off INF or ENG when doing combined attacks with CAS or DDG

Note 3: Items in **BOLD** need to be positively ID'd (vs. neutrals or decoys).

Note 4: Attacks on most ground targets have possible casualty consequences that may require medivac. Medivac tasks have a short time window - 5 mins in which to accomplish.

Table 3. Assets needed to complete each task and options.

Table 4 below lists the types of assets available, their capabilities and the symbol used to identify them. Decision-makers were also provided with this list. Each individual asset was labeled with the first letter of their position; for example the first Flag CAP launched would be FCAP_1. The operators were responsible for labeling their individual air assets, the naming convention used above was decided on for uniformity throughout the runs.

Assets/Platforms

Type*	Asset Name	Symbol	Capabilities
S	Destroyer	DDG	
S	Frigate	FFG	
S	Cruiser	CG	
S	Aircraft Carrier	CV	Has CAP, CAS
S	Landing Ship	LHA	Has MV22, MED
S	Landing Ship	LPD	Has MV22, MED, ENG
A	Engineers	ENG	launch from LPD
G	Infantry	INF A (note 2)	launch from AAV; confined to roads
A	Close Air	CAS	launch from CV
A	Fighters	CAP	launch from CV
A	Medivac (note 1)	MED	launch from LHA and/or LPD
S	Mine Sweeper	SMC	
S	Beach lander	AAV	
A	Troop Helo	MV22	launched from LHA and/or LPD
A	Satellite	SAT	call controller for intel info
G	Special Ops	SOF	call controller for intel info
G	Infantry	INF H	assumed to be on MV-22's

Note 1: MED once launch have < 5 mins to complete their mission

Note 2: Must locate 1 company of INF_A (from AAV's) at each beach; then move them inland on roads.

*Type S = Surface Asset

Type A = Air Asset

Type G = Ground Asset

Table 4. Asset capabilities and type. Also lists symbol used for identification.

1. An automated method of collecting MTWS data from the parsed Excel spreadsheets

Figures 23 and 24 are a spreadsheet and map created in Excel to help automate the task of collecting data from the parsed Excel spreadsheets. UTM coordinates of assets are entered into the Figure 23 spreadsheet which then tells you if the coordinates are in any of the areas of interest or if it is outside those coordinates. This information is used to determine which assets coordinated to accomplish the task.

Label	UTM Grid	E	N	Modify	x	y	Objective	Hill	N Bh	S Bh	N Bdg	S Bdg	Port	Arprt	Location	
Hill	32SPF835929	835	929	F	no	835	929	Hill	Yes	0	0	0	0	0	0	Hill
N Bch	32SPF845938	845	938	F	no	845	938	N Beach	0	Yes	0	0	0	0	0	N Beach
S Bch	32SPF861891	861	891	F	no	861	891	S Beach	0	0	Yes	0	0	0	0	S Beach
N Brdg	32SPG737007	737	007	G	yes	737	1007	N Bridge	0	0	0	Yes	0	0	0	N Bridge
S Brdg	32SPF734994	734	994	F	no	734	994	S Bridge	0	0	0	0	Yes	0	0	S Bridge
Seaport	32SPG814054	814	054	G	yes	814	1054	Port	0	0	0	0	0	Yes	0	Port
Airport	32SPF714842	714	842	F	no	714	842	Airport	0	0	0	0	0	0	Yes	Airport
Sea	32SPF865995	865	995	F	no	865	995	Undetermined	0	0	0	0	0	0	0	Ocean
Land	32SPF800900	800	900	F	no	800	900	Undetermined	0	0	0	0	0	0	0	Land

Figure 23. Spreadsheet used in conjunction with map for UTM coordinate determination.

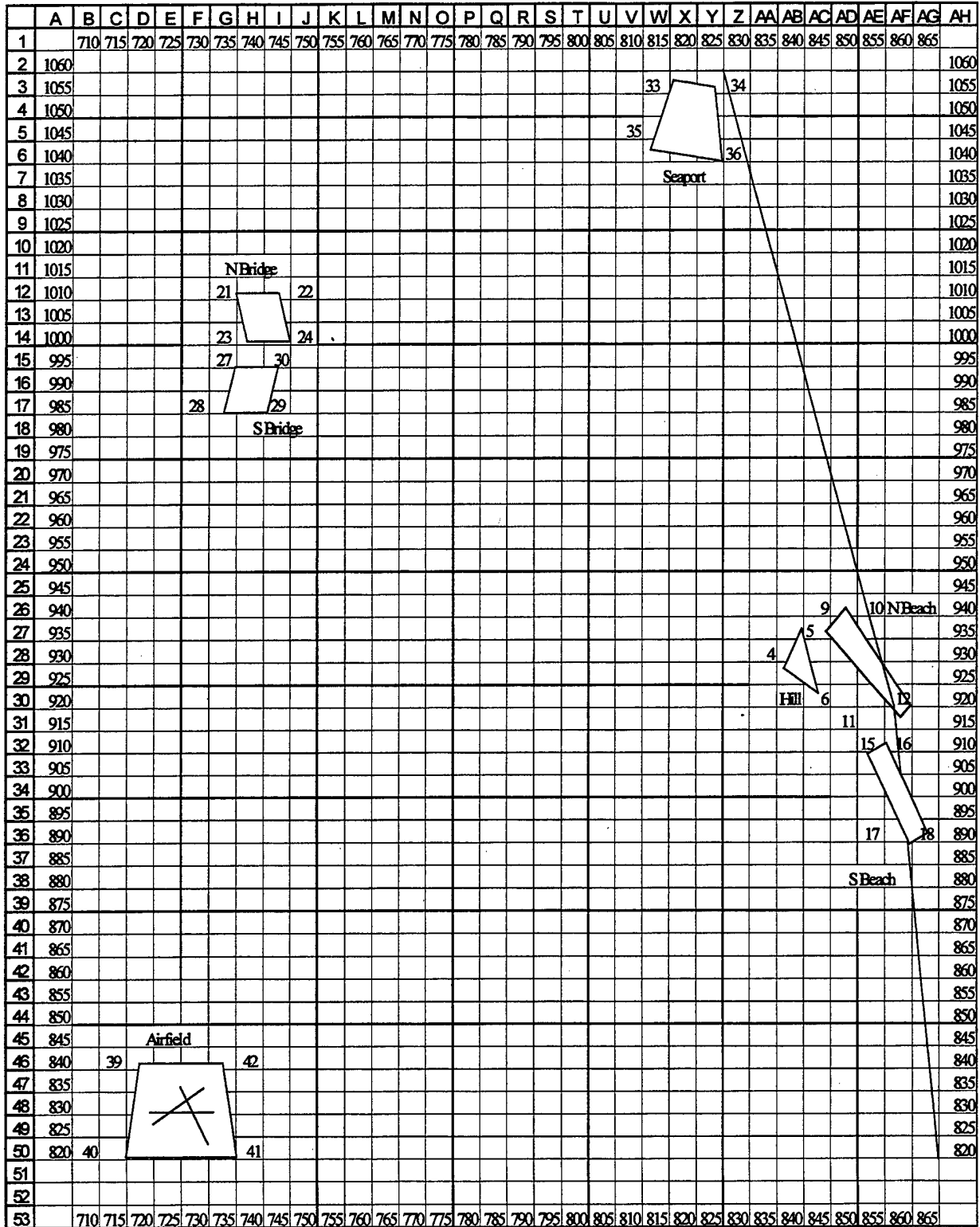


Figure 24. Map used in data analysis

C. COORDINATION

The coordination was also manually counted and then scored. The number of nodes participating in an event were divided by the total possible number of nodes gave the overall team coordination score. Figure 25 shows the overall scores with Coordination now added as the final column. This was attempting to reproduce the coordination scores of experiment three.

Run #	Date	Decision Maker	Operator	Variant	# of Nodes	Accuracy Score Avg	Coord Score Avg
1	2/23/99	J41	J43	V1	4	88.15%	1.8
2	2/24/99	J43	J42	V1	4	70.30%	1.4
3	2/24/99	J42	J41	V2	4	88.15%	1.4
4	2/25/99	S41	J42	V2	4	93.75%	1.2
5	2/25/99	S42	J43	V2	4	93.75%	1.6
6	2/26/99	J61	J62	V3	6	79.96%	2
7	2/26/99	J62	J61	V4	6	81.22%	1.4
8	3/1/99	J62	J61	V1	6	86.82%	2
9	3/1/99	J61	J62	V2	6	86.82%	2
10	3/2/99	S61	J62	V2	6	90.63%	2
11	3/2/99	S61	J61	V3	6	84.34%	1.8
12	3/3/99	J42	J42	V3	4	78.58%	1.4
13	3/3/99	J41	J41	V3	4	88.15%	2
14	3/3/99	J43	J43	V3	4	93.75%	1.4

Figure 25. Coordination Score

See Figure 26 for a Minitab boxplot of coordination scores. The coordination proved to be significantly higher in the six-node architecture. The same results were obtained in experiment three. [Benson, *Conduct and Assessment of A2C2 Experiment 3 and Guidelines for Future Experimentation*, NPS Master's Thesis, June 1998.]

Boxplots of Coord by # of Nodes

(means are indicated by solid circles)

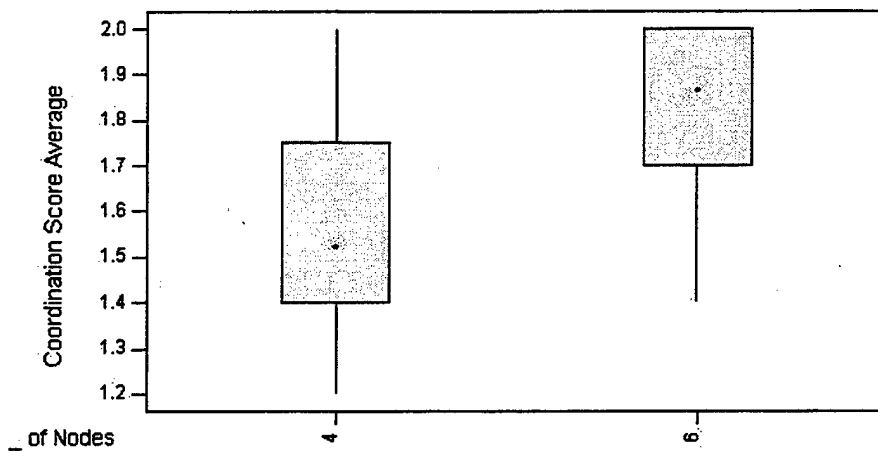


Figure 26. Minitab Boxplot of coordination scores in experiment five.

The resulting P value of 0.028 was significant. Coordination requirements were higher for the traditional architecture.

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V. ANCILLARY ANALYSIS AND LESSONS LEARNED

This chapter will discuss the remainder of the research objectives for experiment five and provide lessons learned.

A. ANCILLARY RESEARCH QUESTIONS AND LESSONS LEARNED

For convenience, the discussion of the use of operators was given in Chapter IV above along with the results for the primary research questions of coordination and accuracy and an examination of workload distribution. The remaining ancillary research analysis are provided in this section along with associated lessons learned.

1. Differences and similarities in control of experiments

Recall that MTWS was configured to play like DDD, in an abstract mode providing ease of use at the expense of fidelity, in order to control the initial comparison between the two models.

a. Differences

The standard MTWS database used in this experiment included realistic parameters for movement speed (slower than DDD), especially ground forces, while DDD used speeds tailored so it was possible to complete the trial within the allotted time. As a result, the scenario in DDD was not always completed in the allotted 40 minutes and the MTWS scenario would seldom be completed unless something were adjusted. Rather than adjust the MTWS parametric database value for movement players were allowed "magic moves" in order to complete the scenario on time. The main reason for not adjusting the database was lack of time.

After a task was completed, ground units were effectively "beamed" to the next task location. The most noticeable differences between MTWS and DDD due to this database resolution issue was that all the MTWS teams completed the scenario, and most were well ahead of DDD completion times (Approximately 22 minutes for completion in MTWS compared to approximately 40 minutes in DDD). Most teams completed their tasks in 15 to 25 minutes.

Another control difference was Red play, in DDD Red was scripted using software. In MTWS, parts of the Red forces were played by manually entering batch files or keyboard commands based on a written script. Manually entering in some random events allowed for similar "spawned" events like the DDD had. Once a certain objective or object was reached the DDD spawned a random event (a red tank or need for a medivac) in order to have the players deal with unexpected events. The Red player seemed to offer very consistent Red opposition for Blue and this difference in control is not considered to be a factor. A sample Red script is shown in Figure 10. The time difference showed up in the red scripted portions that were machine generated, the script was set to run over a 40 minute time period and therefore with the teams finishing in half the time only half the non-manually entered red forces were seen. The complete machine red script can be seen in Appendix I. The Red player variations can be found in Appendix J.

Figure 27 shows a sample Red Force script that the aggressor controller or AGCON position would follow; there were four separate variants for the controllers to follow. They varied in the time delay of the Lead Vehicle, which Silk Worm sites were dummies or hostile, and what situations called for MEDEVAC of personnel. The scripts were used to keep the individual trials similar but with unexpected pop-up situations for the players to deal with. The players never played as the decision maker under the same Red Script option for any two trials except the final three four-node trials.

The rest of the Red forces were time scripted via an MTWS Batch File (See Appendix I). A complete set of all four variations is enclosed as Appendix J.

Option 1 for controller submitted red forces

D=Dummy H=Hostile N = North Road S = South Road

<u>Silkworm Sites</u>	<u>Lead Vehicle</u>
Silk1 = D	Ld 1 D @ T+3 N
Silk2 = H	Ld 2 D @ T+6 S
Silk3 = H	Ld 3 D @ T+17 N
Silk4 = D	Ld 4 H @ T+20 S
Silk5 = H	Ld 5 D @ T+20 N

A. Medical situations are spawned by the following events

1. Hill
2. Tank2
3. Minefield at seaport
4. Airport

B. Tanks are spawned by the infantry position on the roads.

C. SAM sites are spawned by the infantry units near the airport and the seaport.

Figure 27. Sample Red Script

b. Similarities

The Common Operational Picture, architectures, tasks, resources, command structure, and in general the DOE issues remained the same in experiments four and five.

2. Experimental driver selection factors

The two key factors considered were:

- Control versus realism and
- Stochastic versus deterministic trials.

a. Control versus Realism

Trade-offs were considered when choosing MTWS vs. the DDD as the driver for research. MTWS was chosen for its higher fidelity in tier-2 experiments because it is an established model that was developed for use by operational forces. DDD was chosen as a more abstract driver (less realistic) that provided more experimental control. These trade-offs between abstractness, fidelity and degree control is further expanded below.

Realism requires a more detailed and thus complex interface to create and play the scenarios. The DDD, because of its lower fidelity and abstract design, offers the advantage of ease of creating scenarios and more control during the conduct of the trials.

Time is also a critical factor in choosing a model and is directly related to sample size. Time effects the choice of model more when using MTWS – the training time needed is larger. Sample size should not necessarily effect the choice of model, except when time for training the players is the most critical factor.

- Time to run the scenario,

- Train the players, and
- Obtain the necessary data in as little a time as possible.

Time is also a factor of the scenario design when using the model – does the format condense stimuli time to react to arcade style game or is there time for OODA loop in the scenario to think and plan. Scenario design is easier in the DDD, provided you have the knowledgeable personnel available to program the DDD, and all factors can be controlled, but with a group of trained MTWS contractors, the same or similar scenario can be programmed into MTWS, but MTWS does have the stochastic characteristics discussed below.

Realism in experiment five, was thought to require trained operators to complete the scenario, which in fact did not turn out to be the case (most completed the scenario in far less than the allotted 40 minute time span), but the complexity of the interface and data displayed is a critical factor in the time needed to complete a scenario. Originally there were to be no magic moves and the scenario was going to be played in the same manner as those experiments utilizing the DDD, the complex display of MTWS was the deciding factor in the use of operators to enter in data so that the decision maker would only have to make decisions, and not get bogged down in complex data entry. [See Appendix G for a representation of the MTWS screen and refer to Greenwood, *Adapting the A2C2 Experiment for use with MTWS*. Masters Thesis, Naval Postgraduate School, June 1998 and Kleinman, et al., *The DDD-III: A tool for Empirical Research in Adaptive Organizations*. Proceedings for the 1998 Command & Control Research and Technology Symposium (pp. 827-836).]

Numbers of support players to build and maintain a database and to construct and change scenarios can be critical if there is not enough personnel or time for development. Numbers of

supporting players to perform control and OPFOR tasks were more with MTWS than DDD.

Experiment five used enlisted petty officers as the OPFOR and to run the overall scenario in the STBL.

b. Stochastic versus deterministic trials

One of the key problems in trying to design the MTWS scenario to emulate the DDD scenario was designing MTWS to be as abstract as DDD. MTWS processes are stochastic, producing different results. MTWS stochastic traits were most obvious during the interaction of the engineers and the minefields on both roads. In some cases the mine fields could be removed with no casualties and at other times MTWS would inflict heavy casualties. This necessitated the Blue forces being larger than otherwise would be needed to ensure that sufficient forces remained to complete all of the tasks.

3. Does the use of trained operators between decision-makers (subjects) and the experimental simulator affect performance?

Providing an operator cuts down on the decision-maker workload. Using DDD, operators were not required due to the relative ease of operator inputs. However, since MTWS is a higher resolution model that requires more detailed data input for the player, lack of an operator could have impacted a team's performance. (Refer to Appendix G) A residual effect of using trained operators is they can be overly effective and bias the results by providing more assistance during a trial than intended. Performance increases may be due to operator performance instead of decision-maker performance. (One way of preventing this is to include operators in the counterbalancing order.) In experiment five, the data does not support this, see the accuracy

and coordination scores above and in Appendix I, they do not steadily improve over the course of the experiment. The longer the training and larger number of performance trials would have affected the outcome of the experiment adversely by showing those trends discussed above and the Experimental Team was hoping to avoid this by the short training period provided and tight performance trial times.

Using MTWS operators and decision-makers at each node meant that a smaller number of trials were possible in both the training phase and during the performance trials. The more realistic the model and the inherent increase in detail means smaller sample sizes, due to using both operators and decision-makers, you have fewer trials you can perform. The more abstract (less detailed) the model, the larger the number of trials possible. This also means less training is required and that the decision-makers can function as both decision-makers and operators.

4. Lessons Learned

One key lesson is to have the scenario batch files programmed well in advance so that bugs and errors can be eliminated during testing of the scenario in the time leading up to the performance trials. The initial performance trial for experiment five was delayed one day due to an error in the scenario that was only caught during the training phase of the first performance trial.

Due to the difficulty of MTWS Batch File preparation and the short time available to prepare, a trained MTWS contractor was used to develop the batch files listed in Appendix I. This was vital to the success of experiment five.

Having lead team members who can program is not normally a requirement for the A2C2 experiments, however with the unique nature of the MTWS output, LT Ron Soule's Parser program was vital, for collecting the machine-generated data, to the success of this experiment. Also MAJ Jon Cook's expertise with Excel proved extremely valuable in analyzing the data collected.

VI. CONCLUSIONS AND RECOMMENDATIONS

The goal of the A2C2 program is to advance the state of knowledge regarding decision making in organizational settings, to include an understanding of how, why, and when organizations adapt or should adapt and what skills, training, and technology are required to support that adaptation. (Entin, 1996)

Three tiers of human-in-the-loop experiments are envisioned for the A2C2 project. The three experimental tiers are associated with research at different levels of the basic-to-applied spectrum. Tier-1 experiments are intended to examine basic research questions, are narrow in scope and are highly abstract. Tier-2 experiments are similar to tier-1, but use a more realistic simulator or higher fidelity model to reproduce a scenario otherwise similar to those used in previous tier-1 experiments. Finally, tier-3 experiments will transition the A2C2 project from simple exercises involving officer-students to wargames and operational exercises that may involve an actual JTF commander and the forces and assets that would be used future real-world military operations. Tier-2 and -3 experiments are intended to help transition relevant findings into the more operational/applied research areas. These are "envisioned to be more complex scenarios, more operationally/strategically oriented, joint in nature, require longer trial times in order to capture events of interest, be more distributed in design, and finally, in tier-3, to make of use operating forces as subjects." (Porter, 1996)

For A2C2 experiment five, 8 members of JC4I Systems class JC-81 served as a "Lead Team" and the author served as the head of the Lead Team. The Lead Team objectives in direct support of the A2C2 project for experiment five were developing and testing, with STBL staff

and contractor support, a scenario on MTWS that as closely as possible resembled the DDD scenarios used in experiments three and four, and developing a data extraction technique from MTWS. The following are the research questions asked (See Chapter's I, II, and III) and the conclusions reached for each question.

1. Was the accuracy for performing tasks the same or different for the four-node vs. the six-node architecture?

There was no statistically significant difference in accuracy between the four- and six-node architectures. This compares favorably with the accuracy results in experiment four. Due to the small sample size, the experiment does not prove conclusively that the DDD results could be replicated on MTWS, but this is a good step towards that goal.

2. Was the coordination for performing tasks the same or different for the four-node vs. the six-node architecture?

Compared to experiment three, the coordination required to complete the selected tasks was examined and found to match expectations. The model-based architecture required significantly less coordination than the traditional architecture. This coordination issue was also examined for experiment five using the simulator collected data and the result was reproduced. Players had to coordinate more in the traditional architecture. The coordination proved to be significantly higher in the six-node architecture. This compares favorably with experiment three coordination results, but again the small sample size does not prove that the DDD results were replicated using MTWS.

3. Were the MTWS results consistent with the results from similar experiments conducted using the DDD?

The results based on both observer and machine collected data indicate that the experiment four finding is reproduced in experiment five – well trained, four-person teams

playing in a model-based, optimized architecture perform as well as trained, six-person teams playing in a “traditional” architecture.

4. What special considerations, if any, are necessary when conducting controlled experiments using MTWS?

Special considerations necessary when conducting controlled experiments using MTWS revolved around the differences and similarities between MTWS and DDD:

The standard MTWS database used in this experiment included realistic parameters for movement speed (slower than DDD), especially ground forces, while DDD used speeds tailored so it was possible to complete the trial within the allotted time. In order to complete the scenario teams were allowed to “magic move” their forces between locations—the parametric database can be adjusted to account for this, but due to the level of training of the author on MTWS and the limited timeframe for the experiment, it was determined that this was the best way to overcome the speed of movement issue. The most noticeable differences between MTWS and DDD, due to this database resolution issue, was that all the MTWS teams completed the scenario, and most were well ahead of DDD completion times (Approximately 22 minutes for completion in MTWS compared to approximately 40 minutes in DDD). Most teams completed their tasks in 15 to 25 minutes.

Another control difference was Red play; in DDD Red was scripted using software. In MTWS, parts of the Red forces were played by manually entering batch files or keyboard commands based on a written script. The rest of the Red forces were time scripted via an MTWS Batch File. The Red operator was need for the flow of the game. Spawned events like in DDD

are possible with parametric database adjustments, but this required much more MTWS skill and time to arrange.

Similarities between MTWS and DDD included the Common Operational Picture, architectures, tasks, resources, command structure, and in general the DOE issues remained the same in experiments four and five.

The following research questions were added by the author for examination in this thesis.

5. What is the feasibility (and resources required) to collect the same or similar measures using MTWS as collected from the DDD?

The feasibility and resources required to collect the same or similar measures from MTWS for this experiment was fortuitous. First having lead team members who can program is not normally a requirement for the A2C2 experiments, however with the unique nature of the MTWS output, LT Ron Soule, USN was vital to the success of this experiment. He developed the data extraction program in Pascal which took the MTWS data and converted it into an Excel spreadsheet available for analysis. MAJ Jon Cook's, USMC, expertise with Excel proved extremely valuable in analyzing the data collected. The data analysis program he wrote in Excel proved invaluable for speeding up the analysis of the large amounts of data produced from MTWS. It should be noted that current models of MTWS employ an After Action Review (AAR) system that automates data collection and aggregation.

6. What factors should be considered when selecting the experimental driver when the research question does not clearly favor one over the other (deciding between the DDD and MTWS)?

Based on the results of both the accuracy and coordination, and given that MTWS is played at the reduced functionality level in an attempt to achieve the same response from both simulators, we believe that we can employ whichever simulator is appropriate for the research

question at hand without fear that results will be confounded with choice of simulator. The characteristics of the architectures tend to manifest themselves regardless of simulator. Two key experimental driver selection factors were:

- The level of control versus the realism required to achieve experiment objectives and
- The level of abstraction required to provide sufficient control of the experiment.

Time is also a critical factor in choosing a model and is directly related to sample size, (The larger the sample size the more time needed to run both training sessions and run the scenario.) since experiment five sample size was small the following were the key time factors.

- time to run the scenario
- time to train the players, and
- time to obtain the necessary data.

Both realism and time in experiment five were related to the complexity of the interface and data displayed.

7. In order to better control the initial comparisons between MTWS and DDD, MTWS was played in as highly an abstract mode as it was able to support (see Greenwood, 1998). What are the implications for using a high fidelity tactical simulator in a low fidelity environment?

Playing MTWS in a highly abstract manner had implications for the stochastic nature of MTWS versus the deterministic trials under DDD. One of the key problems was in trying to design the MTWS scenario to emulate the DDD scenario. MTWS processes are stochastic producing different results for the same actions in the next trial. MTWS stochastic traits were most obvious during the interaction between the engineers and the minefields on the roads. In some cases the minefields could be removed without casualties and at other times MTWS would

inflict heavy casualties. To prevent these occurrences from affecting the completion of the scenario the Blue forces were larger than otherwise needed to complete the tasks as a means of effective experimental control.

A remaining issue to resolve in future experiments is whether results from MTWS employing full functionality will achieve results similar to the DDD results.

8. Does the use of trained operators between the decision-makers (subjects) and the experimental simulator affect performance?

Using trained operators between the decision-makers (subjects) and the experimental simulator affected the performance in the following ways. Providing an operator reduced the decision-maker workload. Using DDD, operators were not required due to the relative ease of operator inputs. However, since MTWS is a higher resolution model that provides much more detailed player input and output, lack of an operator could have impacted a team's performance.

Using MTWS operators and decision-makers at each node, meant that a smaller number of trials were possible in both the training phase, to reduce any learning effects over time, and during the performance trials.

9. Ancillary Questions, Conclusions and Recommendations

One lesson learned is to have the scenario batch files programed well in advance so that bugs and errors can be eliminated during testing of the scenario in the time leading up to the performance trials. The initial performance trial for experiment five was delayed a day due to an error in the scenario that was only caught during the training phase of the first performance trial.

In summary, the primary focus of experiment five was to determine whether the performance results of experiment four (equivalent performances of the four-node, model-based architecture and the six-node, traditional architecture) could be reproduced on the higher fidelity

MTWS simulator. This result was reproduced, using both the observer assessments and the simulator collected data.

I recommend that the A2C2 project be continued with more tier-1, -2, and -3 experiments at the Naval Postgraduate School. The Road to Global '99 with COMCARGRU ONE was a successful transition of the use of the A2C2 Project to real Navy Commanders. Global '99 will occur this September with A2C2 Project Team members there to collect data and analyze it from a real world exercise. Tier-1 and -2 experiments continue to have relevance and should be continued using both DDD and MTWS to continue the progress in the tier-3 experiments.

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APPENDIX A – SCHEDULE AND TEAMS

Schedule of Trials for experiment five and Team Breakdowns.

A2C2 Performance Schedule of Trials (SOT)					
Weeks 8 and 9 (23 Feb to 4 March)					
WEEK	2/22/99	2/23/99	2/24/99	2/25/99	2/26/99
8	Monday	Tuesday	Wednesday	Thursday	Friday
7:00					
8:00	Train Senior	J4-3 DM, J4-2 OP	Back up	S4-1 DM	
9:00	Observers	S4-1 Train	Time Slot	J4-2 OP	J6-1 DM, J6-2 OP
10:00					S6-1 Train
11:00	Final Pilot	Back up	J4-2 DM	Back up	
12:00	Testing by	Time Slot	J4-1 OP	Time Slot	J6-2 DM
13:00	Lead Team	Lead Team		Lead Team	J6-1 OP
14:00	J4-1 + Obs	Pilot A6		Pilot A6	Back-up
15:00		J4-1 DM, J4-3 OP	Back up	S4-2 DM	Time
16:00	J6-1 + Obs	S4-2 Train	Time Slot	J4-3 OP	Slots
17:00					
18:00					

Week	3/1/99	3/2/99	3/3/99	3/4/99	3/5/99
9	Monday	Tuesday	Wednesday	Thursday	Friday
7:00					
8:00	Back up	S6-1 DM	J4-2 DM	Wash-up	
9:00	Time Slot	J6-2 OP	and OP	if seminar	
10:00					
11:00	J6-2 DM	Back up	J4-1 DM	Back-up	Back-up
12:00	J6-1 OP	Time Slot	and OP	time slots	time slots
13:00					
14:00		S6-1 DM			
15:00	J6-1 DM	J6-1 OP	J4-3 DM	Seminar	
16:00	J6-2 OP		and OP	or wash up	
17:00					
18:00					

Figure A1. Schedule of Trials (SOT) for experiment five.

Junior and Senior 4 and 6 Node Teams															
Juniors							Seniors								
4 Node				6 Node			4 Node				6 Node				
J4-1	J4-2		J4-3		J6-1		J6-2		S4-1		S4-2		S6-1		
j4-a	CHRIS	j4-e	LEE	j4-i	FRANK	j6-a	JAMIE	j6-g	LANCE	s4-a	JEFF R.	s4-e	STEVE P.	s6-a	RUSS S.
j4-b	GREG	j4-f	JAMIE	j4-j	LANCE	j6-b	GREG	j6-h	ED	s4-b	RUSS S.	s4-f	MICHELLE G.	s6-b	JEFF R.
j4-c	JASON	j4-g	PAUL	j4-k	ED	j6-c	SHEILA	j6-i	JACKIE	s4-c	RANDY C.	s4-g	ROB M.	s6-c	STEVE P.
j4-d	SHEILA	j4-h	MARK	j4-l	JACKIE	j6-d	CHRIS	j6-j	LEE	s4-d	SEAN R.	s4-h	MIKE	s6-d	ROB M.
						j6-e	JASON	j6-k	PAUL					s6-e	RANDY C.
						j6-f	MARK	j6-l	FRANK					s6-f	MICHELLE G.

Figure A2. Junior (JC-91) and Senior (JC-81) Team Breakdowns.

APPENDIX B – MISSION BRIEF

A. OPERATIONS ORDER USED

Mission Brief

SITUATION:

Country Orange has attacked the friendly nation of Country Green, a U.S. ally, and seized the northern portion of Country Green including the port of Eastport and nearby international airfield. Country Green's government has requested U.S. assistance in driving Country Orange's forces from Country Green, and the U.S. has agreed. The CINC plans call for an attack from the East to West across the northern portion of Green to drive Orange forces from country Green and reestablish Green's sovereignty. The initial objective is to seize, occupy and defend the Country Green port of Eastport and nearby international airfield to facilitate the insertion of follow-on forces. A Joint Task Force (JTF) has been formed to carry out this mission.

MISSION:

The JTF mission is to conduct an amphibious operation to seize, occupy and defend the port of Eastport and the international airfield, as the points of entry for the follow on forces.

YOUR ROLE:

After the formation of the JTF, during the movement to the objective, a significant portion of the JTF assets were diverted to a non-combatant evacuation operation (NEO), resulting in a force not well organized for the mission at hand. The CINC has been informed that no additional forces are available, and that the operation must still proceed. The CINC's planning section has designated two different architectures (organizational structures), each intended to accomplish the mission using the remaining assets in some optimal manner. To help select the best architecture, the CINC has decided to examine both using a human-in-the-loop, wargame-like simulation.

Your team has been asked to play both of the architectures in simulation mode and then report to the CINC which organizational structure appears best suited to perform the mission and why. Other teams will be playing both architectures and reporting their conclusions to the CINC.

Train hard on the assigned architectures and play them as well as you can so you can send an accurate assessment to the CINC. The quality of your evaluations will have a direct impact on the execution of the real mission.

TASKS COMPRISING THE MISSION:

The tasks to accomplish the JTF mission are presented in chronological order.

1. The Amphibious Ready Group, with embarked Marine amphibious forces, will conduct operations over North and South Beaches. The Marine force is comprised of 2 Advanced

Amphibious Assault Vehicle (AAAV)- mounted infantry companies, 2 MV-22-mounted heliborne infantry companies and other assets (e.g., combat engineers and MEDEVAC assets – see Friendly Asset Sheet). Forces will land and take both beaches. Care must be taken, as it is likely that the enemy has laid mines in the water, on the beaches, and on the roads. Mine clearing assets may have to be called in.

2. Prior to taking the North Beach, heliborne infantry, in conjunction with additional assets (fire support and anti-armor), will seize and hold the hill overlooking North Beach. This will prevent enemy forces from shelling North Beach. One heliborne company **MUST** remain on the hill throughout the operation to prevent the enemy from retaking the hill.
3. The road from North Beach leads to the seaport, and the road from South Beach leads to the airfield. Dismounted AAAV infantry will move down the road leading from each beach. The roads must be cleared of mines and enemy resistance. Due to the swampy nature of the terrain, all ground travel must be on the roads with the exception of the SOF forces, which have all-terrain vehicles.
4. A Special Operations Force (inserted prior to the amphibious operation) and satellite assets (for positive hostile identification) must determine which of two roads leads to an underground Orange mobile missile base. This requires detecting and assessing vehicle traffic along both roads to identify the lead vehicle of an enemy advance force. Once the proper road is identified, it must be cut (by blowing up a bridge) to prevent the enemy mobile missile force from getting within range of friendly forces. The bridge on the other road must not be blown up, since one of the roads is needed for friendly traffic.
5. Company-sized armored counterattack forces are believed to be at the seaport and airfield. If present, they must be identified and destroyed.
6. Both the seaport and airfield must be captured and held. The holding action is necessary to prevent the enemy from retaking them. The attack on the airfield has priority and should occur first if they cannot be attacked simultaneously.

OTHER TASKS THAT CAN OCCUR THROUGHOUT THE OPERATION:

1. Performance of MEDEVAC missions to remove wounded.
2. Protection of the battle group from hostile submarines, fast patrol boats and aircraft.
3. Suppression of enemy artillery.
4. Suppression of frog missile launchers.
5. Destruction (with guided munitions) of detected enemy SAM sites (most likely around seaport and airfield). The SAM sites are likely to be intermingled with dummy SAM sites.

6. Destruction (with guided munitions) of detected enemy Silkworm sites. Because enemy Silkworm sites have been placed in residential neighborhoods, SOF or Satellite must positively confirm them before attacked.

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APPENDIX C – HANDOUTS TO TEAMS

A. HANDOUTS RECEIVED BY THE PLAYERS

1. Tasks versus Force Packages

Tasks versus suitable force packages to accomplish those tasks are in Table C1.

Tasks		Suitable Force Packages (See Note 1)		
Task Name	Value	Option 1	Option 2	Notes
Take hill	20	1 CAS + DDG + 1 INF	2 CAS + 1 INF	See Note 2
Take Beach	20	1 CAS + DDG + 1 INF	2 CAS + 1 INF	See Note 2
Airport	30	1 CAS + 2 INF		See Note 2
Seaport	30	1 CAS + 2 INF	(DDG or CG) + 2 INF	See Note 2
Hold Hill	10	1 INF (must leave on hill)		
Lead vehicle	15	1 CAS with intel via SOF		See Note 3
Bridge	15	1 CAS + ENG		See Note 2
Medivac (See Note 4)	5	MED		
Sea Mines	10	SMC		
Artillery	2	DDG	1 CAS	
Frogs	10	DDG	1 CAS	
Ground Mines	5	ENG		
Tank	5	2 CAS		
Silkworm	15	1 CAS with intel via SAT/SOF		See Note 3
SAM Site	10	1 CAS with intel via SAT/SOF		See Note 3
Hind Helo	4	1 CAP	CG or DDG	
Hostile Aircraft	15	1 CAP	CG or DDG	
Submarine	25	FFG	DDG	
Patrol Boat	15	1 CAS with intel via SAT	CG or DDG or FFG	See Note 3

Note 1: Any other force packages will result in casualties or overkill/waste

Note 2: Stand-off INF or ENG when doing combined attacks with CAS or DDG

Note 3: Items in **BOLD** need to be positively ID'd (vs. neutrals or decoys).

Note 4: Attacks on most ground targets have possible casualty consequences that may require medivac. Medivac tasks have a short time window - 5 mins in which to accomplish.

Table C1. Tasks to be completed and assets needed.

2. Descriptions of assets and platforms

Descriptions of assets and platforms available to perform the tasks listed above are in Table C2 below.

Assets/Platforms

Type*	Asset Name	Symbol	Capabilities
S	Destroyer	DDG	
S	Frigate	FFG	
S	Cruiser	CG	
S	Aircraft Carrier	CV	Has CAP, CAS
S	Landing Ship	LHA	Has MV22, MED
S	Landing Ship	LPD	Has MV22, MED, ENG
A	Engineers	ENG	launch from LPD
G	Infantry	INF_A (note 2)	launch from AAV; confined to roads
A	Close Air	CAS	launch from CV
A	Fighters	CAP	launch from CV
A	Medivac (note 1)	MED	launch from LHA and/or LPD
S	Mine Sweeper	SMC	
S	Beach lander	AAAV	
A	Troop Helo	MV22	launched from LHA and/or LPD
A	Satellite	SAT	call controller for intel info
G	Special Ops	SOF	call controller for intel info
G	Infantry	INF_H	assumed to be on MV-22's

Note 1: MED once launch have < 5 mins to complete their mission

Note 2: Must locate 1 company of INF_A (from AAV's) at each beach; then move them inland on roads.

*Type S = Surface Asset

Type A = Air Asset

Type G = Ground Asset

Table C2. Assets available and type.

3. MTWS Gouge Sheet

An MTWS Gouge sheet was also distributed to the players to normalize naming conventions of assets and describe operations of various types of assets.

MTWS Gouge

AIR

Naming Air Missions – Name your CAS / CAP missions according to the color node you are playing i.e.

Green: GCAS1; GCAS2

Blue: BCAS1; BCAS2

Flag: FCAP1, FCAP2

Who owns CAP / CAS – Remember that if you have F-14's in your inventory, you are CAP. If you have FA-18's, you are CAS.

Engaging Air to Air – To engage an enemy aircraft with CAP, you must VECTOR to that track in order to engage it.

SURFACE / GROUND

Harpoon – When attempting to fire a Harpoon from the FFG or DDG, you must first use the Define-Fire Mission command to identify all aspects of the fire mission before you can issue a Define-Quick Fire Mission. (*When defining the mission, be sure to use the Harpoon-WH*).

Moving Assets – In order to expedite game play and to simplify unit movement, all assets should be moved to their destinations via the Locate command. (*DO NOT leap frog obstacles / predetermined tasks...i.e. tanks and minefields*).

Engaging AG Tanks – To engage enemy tanks, you must use a Ground-Mission-Divert command.

INTEL

SAT / SOF – The SAT / SOF assets are played as passive units. The owner of either or both of these units must request from Control, intelligence on whether the patrol boats, SAM sites, SILK sites, and lead vehicles are true aggressors or dummy units. Only the owner of these units may request the intelligence from control.

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APPENDIX D - THE MTWS PARSER PROGRAM

A. THE MTWS PARSER PROGRAM

```
PROGRAM MTWSParser;

USES
  crt,
  dos;

VAR
  infile,
  parsefile,
  dumpfile : text;

PROCEDURE OpenFiles (VAR infile, outfile, dumpfile : text);

VAR
  ok          : boolean;
  infilename,
  outfilename,
  dumpfilename : string;

FUNCTION ValidFileName (filename: string) : boolean;

VAR
  f : text; {text file}

BEGIN {function ValidFileName}
  assign (f,filename); {associates a file name with a file pointer}
  {$I-}                {turns off I/O Checking to prevent an error
                        from crashing the system}
  reset (f);           {resets the file pointer}
  {$I+}                {turns on I/O Checking and obtains an
                        IOResult}
  IF (IOResult = 0) THEN {an IOResult of 0 indicates no problems}
    ValidFileName := true
  ELSE
    {any other IOResult indicates a problem in
    resetting the file pointer, e.g., the
    filename was not invalid}
    ValidFileName := false;
END; {funciton ValidFileName}

BEGIN {procedure OpenFiles}
  ok := false;
  WHILE NOT(Ok) DO
  BEGIN {while loop}
    write ('Enter the name of the input file: ');
    readln (infilename);
    Ok := ValidFileName (infilename);
  END; {while loop}
  assign (infile, infilename);
  reset (infile);
  write ('Enter the name of the output file: ');
  readln (outfilename);
  assign (outfile, outfilename);
  rewrite (outfile);
```

```

write (outfile, ';DTG;UID;UTM;CTLR;REPORT;MESSAGE;TRACK');
write (outfile, ';UID2;UTM2;STATUS;TYPE;# UNITS;WIA;KIA');
writeln (outfile, ';K_KILLED;M_KILLED;F_KILLED;UNDAMAGED;NON MISS
CAPABLE;DESTROYED;DTG2');
dumpfilename := 'dumpfile.txt';
assign (dumpfile, dumpfilename);
rewrite (dumpfile);
END; {procedure OpenFiles}

```

```

PROCEDURE ParseTheFile (VAR infile, outfile, dumpfile : text);

```

```

VAR

```

```

s,
tmp,
field : string;

```

```

FUNCTION GetWord (VAR s : string) : string;

```

```

VAR

```

```

i : integer; {index counter}

```

```

BEGIN {function GetWord}

```

```

IF (s = '') THEN

```

```

    GetWord := s

```

```

ELSE

```

```

    BEGIN

```

```

        i := 1;

```

```

        WHILE ((s[i] = ' ') AND NOT(i > Length(s))) DO
            delete (s,i,1); {deletes preceding spaces}

```

```

        WHILE NOT((s[i] = ' ') OR (i > Length(s))) DO

```

```

            i := i+1; {increments index counter}

```

```

            GetWord := copy (s,1,i-1); {gets word}

```

```

            delete (s,1,i-1);

```

```

        END;

```

```

END; {function GetWord}

```

```

FUNCTION GetLastWord (VAR s : string) : string;

```

```

VAR

```

```

i : integer; {index counter}

```

```

BEGIN {function GetLastWord}

```

```

IF (s = '') THEN

```

```

    GetLastWord := s

```

```

ELSE

```

```

    BEGIN

```

```

        i := Length(s);

```

```

        WHILE (s[i] = ' ') DO

```

```

            BEGIN {while loop}

```

```

                delete (s,i,1); {removes trailing spaces}

```

```

                i := i-1; {decrements index}

```

```

            END; {while loop}

```

```

        WHILE NOT((s[i] = ' ') OR (i = 0)) DO

```

```

            i := i-1; {decrements index}

```

```

        END;

```

```

        GetLastWord := copy (s,i+1,Length(s));

```

```

        delete (s,i+1,Length(s));

```

```

END; {function GetLastWord}

```

```

FUNCTION GetField (VAR s : string) : string;

```



```

VAR
  i      : integer;   {index counter}
  temp  : string;

BEGIN {function GetField}
  IF (s = '') THEN
    GetField := s
  ELSE
    BEGIN
      i := 1;
      WHILE (s[i] = ' ') DO {removes leading spaces}
        delete (s,i,1);
      IF (s[i] = ';') THEN {identifies start of field}
        i := 2;
      WHILE ((s[i] = ' ') AND NOT (i > Length(s))) DO
        delete (s,i,1); {deletes spaces between start and words of
field}
      WHILE NOT((s[i] = ';') OR (i > Length(s))) DO
        i := i+1; {increments indx counter}
        temp := copy (s,1,i-1);
        i := Length(temp);
        delete (s,1,i); {removes the field from s}
        WHILE (temp[i] = ' ') DO
          BEGIN {while loop}
            delete (temp,i,1);
            i := Length(temp);
          END; {while loop}
        GetField := temp;
      END;
    END; {function GetField}

PROCEDURE AssessmentReport (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
  errcode,
  wia,
  kia,
  k_killed,
  m_killed,
  f_killed   : integer;

  temp,
  temp1,
  temp2,
  temp3,
  temp4,
  uid,
  uid2,
  utm,
  dtg,
  dtg2,
  ctrlr,
  msg,
  status,
  unittype   : string;

BEGIN {procedure AssessmentReport}
  uid := GetField(s);
  msg := GetField(s);

```

```

utm := GetField(s);
dtg := GetField(s);
ctrl := GetField(s);
temp := GetField(s);
IF NOT((temp = ';') OR (temp = '; ') OR (temp = '') OR (temp = ' '))
THEN
    BEGIN
        delete (temp,1,1); {deletes ";" }
        IF (msg[Length(msg)] = ' ') THEN
            msg := msg + temp
        ELSE
            msg := msg + ' ' + temp;
        END;
    REPEAT
        wia := 0;
        kia := 0;
        k_killed := 0;
        m_killed := 0;
        f_killed := 0;
        temp2 := '';
        temp3 := '';
        temp4 := '';
        status := '';
        uid2 := '';
        dtg2 := '';
        unittype := '';
        readln (infile,temp);
        temp1 := copy(temp,1,11);
        IF (temp = '') THEN
            {do nothing}
        ELSE IF (temp1 = 'PRINTED BY:') THEN
            exit
        ELSE IF (temp1 = 'No changes ') THEN
            BEGIN
                status := ';' + temp;
                write
(outfile,dtg,utm,ctrl,rpt,msg,',' ,uid2,',' ,status,unittype);
                writeln
(outfile,',' ,wia,',' ,kia,',' ,k_killed,',' ,m_killed,',' ,f_killed,',' ,dtg2);
            END
        ELSE
            BEGIN
                IF (msg = ';Initial engagement:') THEN
                    BEGIN
                        uid2 := ';' + GetField(temp);
                        delete(temp,2,1); {removes space}
                        dtg2 := GetField(temp);
                    END
                ELSE
                    BEGIN
                        temp1 := GetWord(temp);
                        IF (temp1 = 'NO') THEN
                            BEGIN
                                temp2 := copy(temp,1,11);
                                IF (temp2 = ' ASSESSMENT') THEN
                                    BEGIN
                                        status := ';' + temp1 + ' ' +
GetField(temp);
                                        delete(temp,1,1); {removes ";" }
                                        msg := msg + temp;
                                    END
                                END
                            END
                    END
            END
    END

```

```

        END
    ELSE IF (temp1 = 'CE_PRODUCT') THEN
        BEGIN
            unittype := ';' + temp1;
            delete(temp,1,1); {removes the space}
            uid2 := ';' + GetField(temp);
            delete(temp,1,3); {deletes "; "}
            status := ';' + GetField(temp);
        END
    ELSE
        BEGIN
            IF ((temp1 = 'AIR') OR (temp1 = 'UNIT')) THEN
                BEGIN
                    IF (temp1 = 'AIR') THEN
                        temp2 := GetWord(temp); {removes "
MSN"}

                        uid2 := ';' + GetField(temp);
                        delete (temp,1,2); {removes "; "}
                        unittype := ';' + GetWord(temp);
                    END
                ELSE
                    unittype := ';' + temp1;
                REPEAT
                    temp3 := GetWord(temp);
                    temp4 := GetWord(temp);
                    IF (temp4[Length(temp4)] = ',') THEN
                        delete (temp4,Length(temp4),1); {removes
", "}

                    IF (temp4 = 'WIA') THEN
                        val (temp3,wia,errcode);
                    IF (temp4 = 'KIA') THEN
                        val (temp3,kia,errcode);
                    IF (temp4 = 'K_KILLED') THEN
                        val (temp3,k_killed,errcode);
                    IF (temp4 = 'M_KILLED') THEN
                        val (temp3,m_killed,errcode);
                    IF (temp4 = 'F_KILLED') THEN
                        val (temp3,f_killed,errcode);
                    UNTIL ((temp = '') OR (temp = ' '));
                END;
            END;
            write
(outfile,dtg,uid,utm,ctrlr,rpt,msg,';',uid2,';',status,unittype);
            writeln
(outfile,';;',wia,';',kia,';',k_killed,';',m_killed,';',f_killed,';;;',dtg2);
            END;
            UNTIL (temp1 = 'PRINTED BY:');
        END; {procedure AssessmentReport}

    PROCEDURE UnitMove (rpt : string; VAR s : string; VAR infile, outfile :
text);

    VAR
        temp, temp1, temp2,
        uid, utm, dtg,
        ctrlr, msg, dtg2 : string;

    BEGIN {procedure UnitMove}
        uid := GetField(s);
        utm := GetField(s);
        dtg := GetField(s);

```

```

    ctrl := GetField(s);
    temp := GetField(s);
    temp1 := GetLastWord(temp);
    temp2 := GetLastWord(temp);
    dtg2 := ',';
    IF (temp2 = 'at') THEN
        BEGIN
            dtg2 := ',' + temp1;
            msg := temp;
            delete (msg,Length(msg),1); {removes extra space}
        END
    ELSE
        msg := temp + temp2 + ' ' + temp1;
        readln (infile);
        writeln (outfile,dtg,uid,utm,ctrl,rpt,msg,';;;;;;;;;;;;;',dtg2);
    END; {procedure UnitMove}

PROCEDURE ShipMove (rpt : string; VAR s : string; VAR infile, outfile :
text);

VAR
    uid, utm, dtg,
    ctrl, msg      : string;

BEGIN {procedure ShipMove}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
END; {procedure ShipMove}

PROCEDURE AirRtePoint (rpt : string; VAR s : string; VAR infile, outfile
: text);

VAR
    uid, utm, dtg,
    ctrl, msg      : string;

BEGIN {procedure AirRtePoint}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
END; {procedure AirRtePoint}

PROCEDURE AirMsnLaunch (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
    uid, utm, dtg,
    ctrl, msg      : string;

BEGIN {procedure AirMsnLaunch}
    uid := GetField(s);
    utm := GetField(s);

```

```

    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
END; {procedure AirMsnLaunch}

PROCEDURE AirWpnLnch (rpt : string; VAR s : string; VAR infile, outfile
: text);

VAR
    uid, utm, dtg,
    ctrl, msg      : string;

BEGIN {procedure AirWpnLnch}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
END; {procedure AirWpnLnch}

PROCEDURE AirTrkData (rpt : string; VAR s : string; VAR infile, outfile
: text);

VAR
    uid, utm, dtg,
    ctrl, msg, temp,
    track, uid2, utm2, status : string;

BEGIN {procedure AirTrkData}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    temp := GetField(s);
    msg := GetWord(temp) + ' ' + GetWord(temp);
    track := ';' + GetWord(temp);
    uid2 := ';' + GetWord(temp);
    delete (uid2,2,1); {removes "("}
    delete (uid2,Length(uid2),1); {removes ")"}
    msg := msg + ' ' + GetWord(temp);
    utm2 := ';' + GetLastWord(temp);
    temp := GetField(s);
    status := ';' + GetLastWord(temp);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg,track,uid2,utm2,status);
END; {procedure AirTrkData}

PROCEDURE AircraftStat (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
    num,
    errcode,           {error code}
    undamaged,
    nmc,              {not mission capable}
    destroyed : integer;

```

```

uid, utm, dtg,
ctrl, msg,
temp1, temp2, track,
uid2, utm2, status : string;

BEGIN {procedure AircraftStat}
uid := GetField(s);
utm := GetField(s);
dtg := GetField(s);
ctrl := GetField(s);
undamaged := -1;
nmc := -1;
destroyed := -1;
WHILE NOT(s = '') DO
  BEGIN {while loop}
    temp1 := GetField(s);
    temp2 := GetLastWord(temp1);
    val(temp2, num, errcode);
    temp2 := GetLastWord(temp1);
    IF (temp2 = 'UNDAMAGED:') THEN
      undamaged := num
    ELSE IF (temp2 = 'CAPABLE:') THEN
      nmc := num
    ELSE IF (temp2 = ';DESTROYED:') THEN
      destroyed := num;
  END; {while loop}
  readln (infile);
  writeln
(outfile, dtg, uid, utm, ctrl, rpt, ';;;;;;;;;;;;', undamaged, ';', nmc, ';', destroyed)
;
END; {procedure AircraftStat}

PROCEDURE AirMsnIlluminated (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
uid, utm, dtg,
ctrl, msg : string;

BEGIN {procedure AirMsnIlluminated}
uid := GetField(s);
utm := GetField(s);
dtg := GetField(s);
ctrl := GetField(s);
msg := GetField(s);
readln (infile);
writeln (outfile, dtg, uid, utm, ctrl, rpt, msg);
END; {procedure AirMsnIlluminated}

PROCEDURE FireMsnWarning (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
uid, utm, dtg,
ctrl, msg : string;

BEGIN {procedure FireMsnWarning}
uid := GetField(s);
utm := GetField(s);
dtg := GetField(s);
ctrl := GetField(s);

```

```

    msg := GetField(s);
    readln (infile);
    writeln (outfile, dtg, uid, utm, ctrlr, rpt, msg);
END; {procuedre FireMsnWarning}

PROCEDURE FireMsnCanx (rpt : string; VAR s : string; VAR infile, outfile
: text);

VAR
    uid, utm, dtg,
    ctrlr, msg      : string;

BEGIN {procedure FireMsnCanx}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrlr := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile, dtg, uid, utm, ctrlr, rpt, msg);
END; {procuedre FireMsnCanx}

PROCEDURE FireMsnBegin (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
    uid, utm, dtg,
    ctrlr, msg      : string;

BEGIN {procedure FireMsnBegin}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrlr := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile, dtg, uid, utm, ctrlr, rpt, msg);
END; {procuedre FireMsnBegin}

PROCEDURE FireMsnComplete (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
    uid, utm, dtg,
    ctrlr, msg      : string;

BEGIN {procedure FireMsnComplete}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrlr := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile, dtg, uid, utm, ctrlr, rpt, msg);
END; {procuedre FireMsnComplete}

PROCEDURE FireMsnPrep (rpt : string; VAR s : string; VAR infile, outfile
: text);

VAR
    uid, utm, dtg,

```

```

        ctrlr, msg      : string;

BEGIN {procedure FireMsnPrep}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrlr := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrlr,rpt,msg);
END; {procuedre FireMsnPrep}

PROCEDURE UnitCasualtyLimit (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
    uid, utm, dtg,
    ctrlr, msg      : string;

BEGIN {procedure UnitCasualtyLimit}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrlr := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrlr,rpt,msg);
END; {procuedre UnitCasualtyLimit}

PROCEDURE StatusChange (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
    uid, utm, dtg,
    ctrlr, msg      : string;

BEGIN {procedure StatusChange}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrlr := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrlr,rpt,msg);
END; {procuedre StatusChange}

PROCEDURE AirMsnBingo (rpt : string; VAR s : string; VAR infile, outfile
: text);

VAR
    uid, utm, dtg,
    ctrlr, msg      : string;

BEGIN {procedure AirMsnBingo}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrlr := GetField(s);
    msg := GetField(s);
    readln (infile);

```



```

        writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
    END; {procuedre AirMsnBingo}

    PROCEDURE AirMsnFuel (rpt : string; VAR s : string; VAR infile, outfile
: text);

    VAR
        uid, utm, dtg,
        ctrl, msg      : string;

    BEGIN {procedure AirMsnFuel}
        uid := GetField(s);
        utm := GetField(s);
        dtg := GetField(s);
        ctrl := GetField(s);
        msg := GetField(s);
        readln (infile);
        writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
    END; {procuedre AirMsnFuel}

    PROCEDURE AirMsnRtb (rpt : string; VAR s : string; VAR infile, outfile :
text);

    VAR
        uid, utm, dtg,
        ctrl, msg      : string;

    BEGIN {procedure AirMsnRtb}
        uid := GetField(s);
        utm := GetField(s);
        dtg := GetField(s);
        ctrl := GetField(s);
        msg := GetField(s);
        readln (infile);
        writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
    END; {procuedre AirMsnRtb}

    PROCEDURE AirMsnPreCanx (rpt : string; VAR s : string; VAR infile,
outfile : text);

    VAR
        uid, utm, dtg,
        ctrl, msg      : string;

    BEGIN {procedure AirMsnPreCanx}
        uid := GetField(s);
        utm := GetField(s);
        dtg := GetField(s);
        ctrl := GetField(s);
        msg := GetField(s);
        readln (infile);
        writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
    END; {procuedre AirMsnPreCanx}

    PROCEDURE AirMsnWarning (rpt : string; VAR s : string; VAR infile,
outfile : text);

    VAR
        uid, utm, dtg,
        ctrl, msg      : string;

```

```

BEGIN {procedure AirMsnWarning}
  uid := GetField(s);
  utm := GetField(s);
  dtg := GetField(s);
  ctrl := GetField(s);
  msg := GetField(s);
  readln (infile);
  writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
END; {procuedre AirMsnWarning}

PROCEDURE AirMsnCanx (rpt : string; VAR s : string; VAR infile, outfile
: text);

  VAR
    uid, utm, dtg,
    ctrl, msg      : string;

  BEGIN {procedure AirMsnCanx}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
  END; {procuedre AirMsnCanx}

PROCEDURE AirMsnStat (rpt : string; VAR s : string; VAR infile, outfile
: text);

  VAR
    uid, utm, dtg,
    ctrl, msg      : string;

  BEGIN {procedure AirMsnStat}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
  END; {procuedre AirMsnStat}

PROCEDURE RationStatus (rpt : string; VAR s : string; VAR infile,
outfile : text);

  VAR
    uid, utm, dtg,
    ctrl, msg      : string;

  BEGIN {procedure RationStatus}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
  END; {procuedre RationStatus}

```

```
PROCEDURE AdEngageEnd (rpt : string; VAR s : string; VAR infile, outfile
: text);
```

```
VAR
  uid, utm, dtg,
  ctrl, msg,
  uid2, status      : string;
```

```
BEGIN {procedure AdEngageEnd}
  uid := GetField(s);
  utm := GetField(s);
  dtg := GetField(s);
  ctrl := GetField(s);
  msg := GetField(s);
  uid2 := ';' + GetLastWord(msg);
  status := GetField(s);
  readln (infile);
  writeln (outfile, dtg, uid, utm, ctrl, rpt, msg, ';', uid2, ';', status);
END; {procuedre AdEngageEnd}
```

```
PROCEDURE AdEngageStart (rpt : string; VAR s : string; VAR infile,
outfile : text);
```

```
VAR
  uid, utm, dtg,
  ctrl, msg, temp,
  track, status,
  uid2, utm2 : string;
```

```
BEGIN {procedure AdEngageStart}
  uid := GetField(s);
  utm := GetField(s);
  dtg := GetField(s);
  ctrl := GetField(s);
  msg := GetField(s);
  utm2 := ';' + GetLastWord(msg);
  temp := GetLastWord(msg);
  uid2 := ';' + GetLastWord(msg);
  delete (uid2, 2, 1);
  delete (uid2, Length(uid2), 1);
  track := ';' + GetLastWord(msg);
  readln (infile);
  writeln (outfile, dtg, uid, utm, ctrl, rpt, msg, track, uid2, utm2);
END; {procuedre AdEngageStart}
```

```
PROCEDURE AdEngageNotify (rpt : string; VAR s : string; VAR infile,
outfile : text);
```

```
VAR
  uid, utm, dtg,
  ctrl, msg,
  temp      : string;
```

```
BEGIN {procedure AdEngageNotify}
  uid := GetField(s);
  utm := GetField(s);
  dtg := GetField(s);
  ctrl := GetField(s);
  readln (infile, temp);
  IF (temp = '') THEN
    readln (infile, temp);
```

```

msg := ';' + temp;
readln (infile);
writeln (outfile, dtg, uid, utm, ctrl, rpt, msg);
END; {procuedre AdEngageNotify}

```

```

PROCEDURE EngagementStatusChange (rpt : string; VAR s : string; VAR
infile, outfile : text);

```

```

VAR
uid, utm, dtg,
ctrl, msg,
temp, uid2,
status      : string;

```

```

BEGIN {procedure EngagementStatusChange}
uid := GetField(s);
utm := GetField(s);
dtg := GetField(s);
ctrl := GetField(s);
msg := GetField(s);
temp := GetLastWord(msg);
IF (temp = 'DESTROYED.') THEN
BEGIN
status := ';' + GetLastWord(msg) + ' ' + temp;
temp := GetLastWord(msg);
delete (status, Length(status), 1); {removes the extra period}
END
ELSE
status := ';';
uid2 := temp;
temp := GetLastWord(msg);
WHILE NOT((temp = 'WITH') OR (temp = 'BY')) DO
BEGIN {while loop}
uid2 := temp + ' ' + uid2;
temp := GetLastWord(msg);
END; {while loop}
uid2 := ';' + uid2;
IF (uid2[Length(uid2)] = ',') THEN
delete (uid2, Length(uid2), 1); {removes extra comma}
IF (msg[Length(msg)] = ' ') THEN
delete (msg, Length(msg), 1); {removes extra space}
readln (infile);
writeln (outfile, dtg, uid, utm, ctrl, rpt, msg, ';', uid2, ';', status);
END; {procuedre EngagementStatusChange}

```

```

PROCEDURE ObjectDetect (rpt : string; VAR s : string; VAR infile,
outfile : text);

```

```

VAR
uid, utm, dtg,
ctrl, msg, temp,
status, utm2      : string;

```

```

BEGIN {procedure ObjectDetect}
utm := '';
msg := '';
temp := '';
status := '';
uid := GetField(s);
utm := GetField(s);
dtg := GetField(s);

```

```

    ctrl := GetField(s);
    msg := GetField(s);
    utm2 := ';' + GetLastWord(msg);
    temp := GetLastWord(msg);
    readln (infile);
    temp := GetLastWord(msg);
    IF (temp[Length(temp)] = ']') THEN
        BEGIN
            status := GetLastWord(msg) + ' ' + temp;
            status := ';' + GetLastWord(msg) + ' ' + status;
            delete (status,Length(status),1);
            temp := GetLastWord(msg);
            IF (temp[Length(temp)] = ' ') THEN
                delete (temp,Length(temp),1); {deletes extra space}
        END
    ELSE
        msg := msg + temp;
        writeln (outfile,dtg,uid,utm,ctrl,rpt,msg,';;',utm2,status);
    END; {procuedre ObjectDetect}

PROCEDURE UnitDestination (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
    uid, utm, dtg,
    ctrl, msg      : string;

BEGIN {procedure UnitDestination}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
    readln (infile);
END; {procuedre UnitDestination}

PROCEDURE CargoLoad (rpt : string; VAR s : string; VAR infile, outfile :
text);

VAR
    uid, utm, dtg,
    ctrl, msg, uid2 : string;

BEGIN {procedure CargoLoad}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    uid2 := ';' + GetLastWord(msg);
    delete(msg,Length(msg),1); {removes extra space}
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg,';',uid2);
    readln (infile);
END; {procuedre CargoLoad}

PROCEDURE FireMissionPrep (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
    uid, utm, dtg,

```

```

        ctrlr, msg      : string;

BEGIN {procedure FireMissionPrep}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrlr := GetField(s);
    msg := GetField(s);
    writeln (outfile, dtg, uid, utm, ctrlr, rpt, msg);
    readln (infile);
END; {procuedre FireMissionPrep}

PROCEDURE UnitDefensiveMission (rpt : string; VAR s : string; VAR
infile, outfile : text);

VAR
    uid, utm, dtg,
    ctrlr, msg      : string;

BEGIN {procedure UnitDefensiveMission}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrlr := GetField(s);
    msg := GetField(s);
    writeln (outfile, dtg, uid, utm, ctrlr, rpt, msg);
    readln (infile);
END; {procuedre UnitDefensiveMission}

PROCEDURE VisualDetect (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
    uid, utm, dtg,
    ctrlr, msg, utm2,
    unitttype, uid2,
    numofunit,
    track, temp1,
    temp2, temp3      : string;

BEGIN {procedure VisualDetect}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrlr := GetField(s);
    msg := GetField(s);
    track := ';' + GetLastWord(msg);
    temp1 := GetLastWord(msg); {removes " TRACK "}
    utm2 := ';' + GetLastWord(msg);
    delete (utm2, Length(utm2), 1); {removes ","}
    temp1 := GetlastWord(msg); {removes " AT "}
    readln (infile, temp2);
    IF (temp2 = '') THEN
        readln (infile, temp2);
    delete (temp2, 1, 2); {removes ", "}
    uid2 := ';' + GetWord(temp2);
    delete (uid2, 2, 3); {removes "ID="}
    IF (msg[Length(msg)] = ' ') THEN
        delete(msg, Length(msg), 1); {removes extra space}
    IF ((temp2 = '') OR (temp2 = ' ')) THEN
        writeln (outfile, dtg, uid, utm, ctrlr, rpt, msg, track, uid2, utm2);

```

```

    WHILE NOT((temp2 = '') OR (temp2 = ';') OR (temp2 = ' ') OR (temp2 =
'; ')) DO
        BEGIN {while loop}
            temp3 := GetField(temp2);
            unitttype := ';' + GetWord(temp3);
            IF (unitttype[2] = ';') THEN
                delete (unitttype,2,1);
            numofunit := ';' + GetWord(temp3);
            writeln
(outfile,dtg,uid,utm,ctrl,rpt,msg,track,uid2,utm2,',' ,unitttype,numofunit);
            END; {while loop}
            readln (infile);
        END; {procuedre VisualDetect}

    PROCEDURE VisualDetectChange (rpt : string; VAR s : string; VAR infile,
outfile : text);

    VAR
        uid, utm, dtg,
        ctrl, msg, utm2,
        unitttype, uid2,
        numofunit,
        track, temp1,
        temp2, temp3      : string;

    BEGIN {procedure VisualDetectChange}
        uid := GetField(s);
        utm := GetField(s);
        dtg := GetField(s);
        ctrl := GetField(s);
        temp1 := GetField(s);
        track := ';' + GetLastWord(temp1);
        temp2 := GetLastWord(temp1); {removes " TRACK "}
        temp2 := GetWord(temp1);
        temp3 := GetWord(temp1);
        utm2 := ';' + GetWord(temp1);
        msg := temp2 + temp1;
        delete (msg,Length(msg)-1,2); {removes ", "}
        readln (infile, temp2);
        IF (temp2 = '') THEN
            readln (infile,temp2);
        delete (temp2,1,2); {removes ", "}
        uid2 := ';' + GetWord(temp2);
        delete (uid2,2,3); {removes "ID="}
        IF ((temp2 = '') OR (temp2 = ' ')) THEN
            writeln (outfile,dtg,uid,utm,ctrl,rpt,msg,track,uid2,utm2);
        WHILE NOT((temp2 = '') OR (temp2 = ';') OR (temp2 = ' ') OR (temp2 =
' ')) DO
            BEGIN {while loop}
                temp3 := GetField(temp2);
                unitttype := ';' + GetWord(temp3);
                IF (unitttype[2] = ';') THEN
                    delete (unitttype,2,1);
                numofunit := ';' + GetWord(temp3);
                writeln
(outfile,dtg,uid,utm,ctrl,rpt,msg,track,uid2,utm2,',' ,unitttype,numofunit);
                END; {while loop}
                readln (infile);
            END; {procuedre VisualDetectChange}

```

```
PROCEDURE VisualDetectStatus (rpt : string; VAR s : string; VAR infile,
outfile : text);
```

```
VAR
```

```
uid, utm, dtg,
ctrl, msg, utm2,
uid2, track,
temp1, temp2,
temp3, unittype,
numofunit      : string;
```

```
BEGIN {procedure VisualDetectStatus}
```

```
uid := GetField(s);
utm := GetField(s);
dtg := GetField(s);
ctrl := GetField(s);
temp1 := GetField(s);
track := ';' + GetLastWord(temp1);
temp2 := GetLastWord(temp1); {removes " TRACK "}
temp2 := GetWord(temp1);
temp3 := GetWord(temp1); {removes " AT"}
utm2 := ';' + GetWord(temp1);
msg := temp2 + temp1;
delete (msg, Length(msg)-1, 2); {removes ", "}
readln (infile, temp2);
IF (temp2 = '') THEN
  readln (infile, temp2);
delete (temp2, 1, 2); {removes ", "}
uid2 := ';' + GetWord(temp2);
delete (uid2, 2, 3); {removes "ID="}
IF ((temp2 = '') OR (temp2 = ' ')) THEN
  writeln (outfile, dtg, uid, utm, ctrl, rpt, msg, track, uid2, utm2);
WHILE NOT((temp2 = '') OR (temp2 = ';') OR (temp2 = ' ') OR (temp2 =
' ')) DO
  BEGIN {while loop}
    temp3 := GetField(temp2);
    unittype := ';' + GetWord(temp3);
    IF (unittype[2] = ';') THEN
      delete (unittype, 2, 1);
    numofunit := ';' + GetWord(temp3);
    writeln
(outfile, dtg, uid, utm, ctrl, rpt, msg, track, uid2, utm2, ';', unittype, numofunit);
  END; {while loop}
  readln (infile);
END; {procuedre VisualDetectStatus}
```

```
PROCEDURE AuralDetect (rpt : string; VAR s : string; VAR infile, outfile
: text);
```

```
VAR
```

```
uid, utm, dtg,
ctrl, msg,
track, temp1 : string;
```

```
BEGIN {procedure AuralDetect}
```

```
uid := GetField(s);
utm := GetField(s);
dtg := GetField(s);
ctrl := GetField(s);
msg := GetField(s);
```



```

    track := ';' + GetLastWord(msg);
    temp1 := GetLastWord(msg); {removes " TRACK "}
    delete (msg,Length(msg)-1,2); {removes ", "}
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg,track);
END; {procuedre AuralDetect}

PROCEDURE Report (rpt : string; VAR s : string; VAR infile, outfile :
text);

VAR
    errcode,
    wia,
    kia,
    k_killed,
    m_killed,
    f_killed      : integer;

    temp,
    temp1,
    temp2,
    temp3,
    temp4,
    uid,
    uid2,
    utm,
    dtg,
    dtg2,
    ctrl,
    msg,
    status,
    unittype      : string;

BEGIN {procedure Report}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := ';';
    REPEAT
        wia := 0;
        kia := 0;
        k_killed := 0;
        m_killed := 0;
        f_killed := 0;
        temp2 := '';
        status := '';
        uid2 := '';
        dtg2 := '';
        unittype := '';
        readln (infile,temp);
        temp1 := copy(temp,1,11);
        IF (temp = '') THEN
            {do nothing}
        ELSE IF (temp1 = 'PRINTED BY:') THEN
            exit
        ELSE IF (temp1 = 'Initial eng') THEN
            msg := ';Initial engagement:'
        ELSE IF (temp1 = 'Cumulative ') THEN
            msg := ';Cumulative losses:'
        ELSE IF (temp1 = 'Incremental') THEN

```

```

        msg := ';Incremental losses:'
    ELSE IF (temp1 = 'No changes ') THEN
        BEGIN
            msg := ';' + temp;
            write
(outfile,dtg,uid,utm,ctrl,rpt,msg,',' ,uid2,',' ,status,unittype);
            writeln
(outfile,',' ;',' ,wia,',' ,kia,',' ,k_killed,',' ,m_killed,',' ,f_killed,',' ;',' ,dtg2);
        END
    ELSE
        BEGIN
            IF (msg = ';Initial engagement:') THEN
                BEGIN
                    uid2 := ';' + GetField(temp);
                    delete(temp,2,1); {removes space}
                    dtg2 := GetField(temp);
                END
            ELSE
                BEGIN
                    temp1 := GetWord(temp);
                    IF (temp1 = 'NO') THEN
                        BEGIN
                            temp2 := copy(temp,1,11);
                            IF (temp2 = ' ASSESSMENT') THEN
                                BEGIN
                                    status := ';' + temp1 + ' ' +
GetField(temp);
                                    delete(temp,1,1); {removes ";"}
                                    status := status + ' ' + temp;
                                END
                            END
                        ELSE IF (temp1 = 'CE_PRODUCT') THEN
                            BEGIN
                                unittype := ';' + temp1;
                                delete(temp,1,1); {removes the space}
                                uid2 := ';' + GetField(temp);
                                delete(temp,1,3); {deletes "; "}
                                status := ';' + GetField(temp);
                            END
                        ELSE
                            BEGIN
                                IF ((temp1 = 'AIR') OR (temp1 = 'UNIT')) THEN
                                    BEGIN
                                        IF (temp1 = 'AIR') THEN
                                            temp2 := GetWord(temp); {removes "
MSN"}
                                        uid2 := ';' + GetField(temp);
                                        delete (temp,1,2); {removes "; "}
                                        unittype := ';' + GetWord(temp);
                                    END
                                ELSE
                                    unittype := ';' + temp1;
                                REPEAT
                                    temp3 := GetWord(temp);
                                    temp4 := GetWord(temp);
                                    IF (temp4[Length(temp4)] = ',') THEN
                                        delete (temp4,Length(temp4),1); {removes
", "}
                                    IF (temp4 = 'WIA') THEN
                                        val (temp3,wia,errcode);
                                    IF (temp4 = 'KIA') THEN

```

```

                                val (temp3,kia,errcode);
                                IF (temp4 = 'K_KILLED') THEN
                                    val (temp3,k_killed,errcode);
                                IF (temp4 = 'M_KILLED') THEN
                                    val (temp3,m_killed,errcode);
                                IF (temp4 = 'F_KILLED') THEN
                                    val (temp3,f_killed,errcode);
                                UNTIL ((temp = '') OR (temp = ' '));
                                END;
                                END;
                                write
(outfile,dtg,uid,utm,ctrl,rpt,msg,';',uid2,';',status,unittype);
                                writeln
(outfile,';;',wia,';',kia,';',k_killed,';',m_killed,';',f_killed,';;',dtg2);
                                END;
                                UNTIL (temp1 = 'PRINTED BY:');
                                END; {procedure Report}

```

```

PROCEDURE StsBarrier (rpt : string; VAR s : string; VAR infile, outfile
: text);

```

```

VAR
    uid, utm, dtg,
    ctrl, msg : string;

BEGIN {procedure StsBarrier}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
END; {procuedre StsBarrier}

```

```

PROCEDURE UnitBarrierStatus (rpt : string; VAR s : string; VAR infile,
outfile : text);

```

```

VAR
    uid, utm, dtg,
    ctrl, msg      : string;

BEGIN {procedure UnitBarrierStatus}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
END; {procuedre UnitBarrierStatus}

```

```

PROCEDURE TransportLoad (rpt : string; VAR s : string; VAR infile,
outfile : text);

```

```

VAR
    uid, utm, dtg,
    ctrl, msg,
    temp, uid2      : string;

```

```

BEGIN {procedure TransportLoad}
  uid := GetField(s);
  utm := GetField(s);
  dtg := GetField(s);
  ctrl := GetField(s);
  msg := GetField(s);
  temp := GetLastWord(msg);
  uid2 := '';
  REPEAT
    IF (uid2 = '') THEN
      uid2 := temp
    ELSE
      uid2 := temp + ' ' + uid2;
      temp := GetLastWord(msg);
  UNTIL ((temp = 'UNIT') OR (msg = ''));
  uid2 := ';' + uid2;
  msg := msg + temp;
  readln (infile);
  writeln (outfile, dtg, uid, utm, ctrl, rpt, msg, ';', uid2);
END; {procuedre TransportLoad}

PROCEDURE TransportUnload (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
  uid, utm, dtg,
  ctrl, msg,
  temp, uid2      : string;

BEGIN {procedure TransportUnload}
  uid := GetField(s);
  utm := GetField(s);
  dtg := GetField(s);
  ctrl := GetField(s);
  msg := GetField(s);
  temp := GetLastWord(msg);
  uid2 := '';
  REPEAT
    IF (uid2 = '') THEN
      uid2 := temp
    ELSE
      uid2 := temp + ' ' + uid2;
      temp := GetLastWord(msg);
  UNTIL ((temp = 'UNIT') OR (msg = ''));
  uid2 := ';' + uid2;
  msg := msg + temp;
  readln (infile);
  writeln (outfile, dtg, uid, utm, ctrl, rpt, msg, ';', uid2);
END; {procuedre TransportUnload}

PROCEDURE UnitFormation (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
  uid, utm, dtg,
  ctrl, msg      : string;

BEGIN {procedure UnitFormation}
  uid := GetField(s);
  utm := GetField(s);

```

```

    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
END; {procuedre UnitFormation}

PROCEDURE UnitDestruction (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
    uid, utm, dtg,
    ctrl, msg      : string;

BEGIN {procedure UnitDestruction}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
END; {procuedre UnitDestruction}

PROCEDURE UnitMount (rpt : string; VAR s : string; VAR infile, outfile :
text);

VAR
    uid, utm, dtg,
    ctrl, msg      : string;

BEGIN {procedure UnitMount}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg);
END; {procuedre UnitMount}

PROCEDURE CeOpsStart (rpt : string; VAR s : string; VAR infile, outfile
: text);

VAR
    uid, utm, dtg,
    ctrl, msg, uid2 : string;

BEGIN {procedure CeOpsStart}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    uid2 := ';' + GetLastWord(msg);
    IF (msg[Length(msg)] = ' ') THEN
        delete (msg,Length(msg),1); {deletes extra space}
    readln (infile);
    writeln (outfile,dtg,uid,utm,ctrl,rpt,msg,';',uid2);
END; {procuedre CeOpsStart}

```

```
PROCEDURE CeOpsStatChg (rpt : string; VAR s : string; VAR infile,
outfile : text);
```

```
VAR
```

```
uid, utm, dtg,
ctrlr, msg, uid2 : string;
```

```
BEGIN {procedure CeOpsStatChg}
```

```
uid := GetField(s);
```

```
utm := GetField(s);
```

```
dtg := GetField(s);
```

```
ctrlr := GetField(s);
```

```
msg := GetField(s);
```

```
uid2 := ';' + GetLastWord(msg);
```

```
IF (msg[Length(msg)] = ' ') THEN
```

```
delete (msg,Length(msg),1); {deletes extra space}
```

```
readln (infile);
```

```
writeln (outfile,dtg,uid,utm,ctrlr,rpt,msg,';',uid2);
```

```
END; {procuedre CeOpsStatChg}
```

```
PROCEDURE AirMsnTot (rpt : string; VAR s : string; VAR infile, outfile :
text);
```

```
VAR
```

```
uid, utm, dtg,
ctrlr, msg : string;
```

```
BEGIN {procedure AirMsnTot}
```

```
uid := GetField(s);
```

```
utm := GetField(s);
```

```
dtg := GetField(s);
```

```
ctrlr := GetField(s);
```

```
msg := GetField(s);
```

```
readln (infile);
```

```
writeln (outfile,dtg,uid,utm,ctrlr,rpt,msg);
```

```
END; {procuedre AirMsnTot}
```

```
PROCEDURE UnknownField (rpt , s : string; VAR infile, dumpfile : text);
```

```
VAR
```

```
temp : string;
```

```
BEGIN {procedure UnknownField}
```

```
IF ((s = '') OR (s = ' ')) THEN
```

```
writeln (dumpfile,rpt)
```

```
ELSE
```

```
writeln (dumpfile,rpt + s);
```

```
REPEAT
```

```
readln (infile,s);
```

```
temp := copy (s,1,11);
```

```
writeln (dumpfile,s);
```

```
UNTIL (temp = 'PRINTED BY:');
```

```
readln (infile);
```

```
writeln (dumpfile);
```

```
END; {procedure UnkownField}
```

```
PROCEDURE UnitOffensiveMission (rpt : string; VAR s : string; VAR
infile, outfile : text);
```

```
VAR
```

```
uid, utm, dtg,
```

```

        ctrl, msg      : string;

BEGIN {procedure UnitOffensiveMission}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile, dtg, uid, utm, ctrl, rpt, msg);
END; {procedure UnitOffensiveMission}

PROCEDURE UnitMountStatus (rpt : string; VAR s : string; VAR infile,
outfile : text);

VAR
    uid, utm, dtg,
    ctrl, msg      : string;

BEGIN {procedure UnitMountStatus}
    uid := GetField(s);
    utm := GetField(s);
    dtg := GetField(s);
    ctrl := GetField(s);
    msg := GetField(s);
    readln (infile);
    writeln (outfile, dtg, uid, utm, ctrl, rpt, msg);
END; {procedure UnitMountStatus}

BEGIN {procedure ParseTheFile}
    WHILE NOT(eof(infile)) DO
        BEGIN {while loop}
            readln (infile, s);
            field := GetField(s);
            IF (field = ';ASSESSMENT REPORT') THEN
                AssessmentReport(field, s, infile, outfile)
            ELSE IF (field = ';UNIT MOVE') THEN UnitMove(field, s, infile, outfile)
            ELSE IF (field = ';SHIP MOVE') THEN ShipMove(field, s, infile, outfile)
            ELSE IF (field = ';AIR RTE POINT') THEN
                AirRtePoint(field, s, infile, outfile)
            ELSE IF (field = ';AIR MSN LAUNCH') THEN
                AirMsnLaunch(field, s, infile, outfile)
            ELSE IF (field = ';AIR WPN LNCH') THEN
                AirWpnLnch(field, s, infile, outfile)
            ELSE IF (field = ';AIR TRK DATA') THEN
                AirTrkData(field, s, infile, outfile)
            ELSE IF (field = ';AIRCRAFT STAT') THEN
                AircraftStat(field, s, infile, outfile)
            ELSE IF (field = ';FIRE MSN WARNING') THEN
                FireMsnWarning(field, s, infile, outfile)
            ELSE IF (field = ';FIRE MSN CANX') THEN
                FireMsnCanx(field, s, infile, outfile)
            ELSE IF (field = ';FIRE MSN BEGIN') THEN
                FireMsnBegin(field, s, infile, outfile)
            ELSE IF (field = ';FIRE MSN COMPLETE') THEN
                FireMsnComplete(field, s, infile, outfile)
            ELSE IF (field = ';FIRE MSN PREP') THEN
                FireMsnPrep(field, s, infile, outfile)
            ELSE IF (field = ';UNIT CASUALTY LIMIT') THEN
                UnitCasualtyLimit(field, s, infile, outfile)
        END;
    END;

```

```

ELSE IF (field = ';STATUS CHANGE') THEN
StatusChange(field,s,infile,outfile)
ELSE IF (field = ';AIR MSN BINGO') THEN
AirMsnBingo(field,s,infile,outfile)
ELSE IF (field = ';AIR MSN FUEL') THEN
AirMsnFuel(field,s,infile,outfile)
ELSE IF (field = ';AIR MSN RTB') THEN
AirMsnRtb(field,s,infile,outfile)
ELSE IF (field = ';AIR MSN PRE-CANX') THEN
AirMsnPreCanx(field,s,infile,outfile)
ELSE IF (field = ';AIR MSN WARNING') THEN
AirMsnWarning(field,s,infile,outfile)
ELSE IF (field = ';AIR MSN CANX') THEN
AirMsnCanx(field,s,infile,outfile)
ELSE IF (field = ';AIR MSN STAT') THEN
AirMsnStat(field,s,infile,outfile)
ELSE IF (field = ';AIR MSN ILLUMINATED') THEN
AirMsnIlluminated(field,s,infile,outfile)
ELSE IF (field = ';RATION STATUS') THEN
RationStatus(field,s,infile,outfile)
ELSE IF (field = ';AD ENGAGE END') THEN
AdEngageEnd(field,s,infile,outfile)
ELSE IF (field = ';AD ENGAGE START') THEN
AdEngageStart(field,s,infile,outfile)
ELSE IF (field = ';AD ENGAGE NOTIFY') THEN
AdEngageNotify(field,s,infile,outfile)
ELSE IF (field = ';ENGAGEMENT STATUS CHANGE') THEN
EngagementStatusChange(field,s,infile,outfile)
ELSE IF (field = ';OBJECT DETECT') THEN
ObjectDetect(field,s,infile,outfile)
ELSE IF (field = ';UNIT DESTINATION') THEN
UnitDestination(field,s,infile,outfile)
ELSE IF (field = ';CARGO LOAD') THEN
CargoLoad(field,s,infile,outfile)
ELSE IF (field = ';FIRE MISSION PREP') THEN
FireMissionPrep(field,s,infile,outfile)
ELSE IF (field = ';UNIT DEFENSIVE MISSION') THEN
UnitDefensiveMission(field,s,infile,outfile)
ELSE IF (field = ';VISUAL DETECT') THEN
VisualDetect(field,s,infile,outfile)
ELSE IF (field = ';VISUAL DETECT CHANGE') THEN
VisualDetectChange(field,s,infile,outfile)
ELSE IF (field = ';VISUAL DETECT STATUS') THEN
VisualDetectStatus(field,s,infile,outfile)
ELSE IF (field = ';AURAL DETECT') THEN
AuralDetect(field,s,infile,outfile)
ELSE IF (field = ';REPORT') THEN Report(field,s,infile,outfile)
ELSE IF (field = ';STS BARRIER') THEN
StsBarrier(field,s,infile,outfile)
ELSE IF (field = ';UNIT BARRIER STATUS') THEN
UnitBarrierStatus(field,s,infile,outfile)
ELSE IF (field = ';TRANSPORT LOAD') THEN
TransportLoad(field,s,infile,outfile)
ELSE IF (field = ';TRANSPORT UNLOAD') THEN
TransportUnload(field,s,infile,outfile)
ELSE IF (field = ';UNIT FORMATION') THEN
UnitFormation(field,s,infile,outfile)
ELSE IF (field = ';UNIT DESTRUCTION') THEN
UnitDestruction(field,s,infile,outfile)
ELSE IF (field = ';UNIT MOUNT') THEN
UnitMount(field,s,infile,outfile)

```



```

        ELSE IF (field = ';CE OPS START') THEN
CeOpsStart(field,s,infile,outfile)
        ELSE IF (field = ';CE OPS Stat Chg') THEN
CeOpsStatChg(field,s,infile,outfile)
        ELSE IF (field = ';CE OPS STAT CHG') THEN
CeOpsStatChg(field,s,infile,outfile)
        ELSE IF (field = ';AIR MSN TOT') THEN
AirMsnTot(field,s,infile,outfile)
        ELSE IF (field = ';UNIT OFFENSIVE MISSION') THEN
UnitOffensiveMission(field,s,infile,outfile)
        ELSE IF (field = ';UNIT MOUNT STATUS') THEN
UnitMountStatus(field,s,infile,outfile)
        ELSE IF NOT (field = '') THEN
            BEGIN
                tmp := copy (field,1,7);
                IF NOT((tmp = '.....') OR (tmp = 'PRINTED')) THEN
                    UnknownField(field,s,infile,dumpfile);
            END;
        END; {while loop}
    END; {procedure ParseTheFile}

PROCEDURE CloseFiles (VAR infile, outfile, dumpfile : text);
BEGIN {procedure CloseFiles}
    close (infile);
    close (outfile);
    close (dumpfile);
END; {procedure Close Files}

BEGIN {main program}
    clrscr;
    writeln ('Spot Report Parser');
    writeln;
    OpenFiles (InFile, ParseFile, DumpFile);
    ParseTheFile (InFile, ParseFile, DumpFile);
    CloseFiles (InFile, ParseFile, DumpFile);
END. {main program}
□

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APPENDIX E – DATA ANALYSIS

A. DATA ANALYSIS SUMMARY

1. Data Analysis Summary

The data analysis summary is listed below in Table E1. The columns are self explanatory excepting the last four columns. Variants are listed in Appendix J. The Accuracy Score Avg was computed by totaling the accuracy scores for the entire performance trial. The Coord Score Avg was computed by counting the number of nodes participating in all the selected tasks listed below in each performance trial. The Accuracy Per Person was computed for each person within the team and then averaged over the entire team. The App Percentile is the Accuracy Per Person on a scale with the highest Accuracy Per Person score receiving 100% and on down the scale to 0%.

Run #	Date	Decision Maker	Operator	Variant	# of Nodes	Accuracy Score Avg	Coord Score Avg	Accuracy Per Person	App Percentile
1	2/23/99	J41	J43	V1	4	88.15%	1.8	48.97%	46.10%
2	2/24/99	J43	J42	V1	4	70.30%	1.4	50.21%	53.80%
3	2/24/99	J42	J41	V2	4	88.15%	1.4	62.96%	84.60%
4	2/25/99	S41	J42	V2	4	93.75%	1.2	78.13%	100.00%
5	2/25/99	S42	J43	V2	4	93.75%	1.6	58.59%	76.90%
6	2/26/99	J61	J62	V3	6	79.96%	2	39.98%	0.00%
7	2/26/99	J62	J61	V4	6	81.22%	1.4	58.01%	69.20%
8	3/1/99	J62	J61	V1	6	86.82%	2	43.41%	7.60%
9	3/1/99	J61	J62	V2	6	86.82%	2	43.41%	7.60%
10	3/2/99	S61	J62	V2	6	90.63%	2	45.31%	30.70%
11	3/2/99	S61	J61	V3	6	84.34%	1.8	46.86%	38.40%
12	3/3/99	J42	J42	V3	4	78.58%	1.4	56.13%	61.50%
13	3/3/99	J41	J41	V3	4	88.15%	2	44.08%	23.00%
14	3/3/99	J43	J43	V3	4	93.75%	1.4	66.96%	92.30%

Table E1. Data Analysis Summary

B. RESOURCE CAPABILITIES AND TASK REQUIREMENTS TABLES

These tables, E2 and E3, are subsets of the tables prepared by the A2C2 Research Team listed in the introduction. The complete tables can be found in Robert Benson's Masters Thesis from 1998 entitled *Conduct and Assessment of A2C2 Experiment 3 and Guidelines for Future Experimentation*.

Resource Capabilities

Asset	AAW	ASUW	ASW	GASLT	FIRES	ARMR	HOLD	MINE	MED
CAS	1	3	0	0	10	8	0	1	0
DDG	10	10	1	0	9	5	0	0	0
ENG	0	0	0	2	0	0	2	5	0
INF	1	0	0	10	2	2	10	1	0

Task Requirements

Hill	0	0	0	0	14	12	0	0	0
Beach	0	0	0	10	14	12	0	0	0
Airport	0	0	0	20	10	4	0	0	0
Seaport	0	0	0	20	10	4	0	0	0
Bridge	0	0	0	8	6	0	0	4	0

Table E2 and E3. Resource Capabilities and Task Requirements

The following are the complete data analysis spreadsheets developed in Excel. These spreadsheets are then totalled in Table E1 above.

C. RUN 1 - 2-23-99_J41J43_V1

2-23-99_J41J43_V1

Objective	Assets Used			# of Controllers	Accuracy Score	Coordination Score	
	CAS	SHIP	INF				
North Beach	BCAS3		INF_H/B INF_A/B	2	100.00%	2.00	
Hill	PCAS1 PCAS2 PCAS3		INF_H/B INF_A/B INF_A/P INF_H/P	2	100.00%	2.00	
Airport	BCAS2		INF_H/B INF_A/B	1	100.00%	1.00	
Seaport			INF_A/P INF_H/B	2	72.00%	2.00	
Bridge	PCAS5			2	68.75%	2.00	
						9.00	
						88.15%	1.80

Sum
Avg

N Beach	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	2	2	0	0	20	4	4	20	2	0	
	CAS	1	1	3	0	0	10	8	0	1	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	Force Total, r =	3	3	3	0	20	14	12	20	3	0	
	Required Power, R _i =	0	0	0	0	10	14	12	0	0	0	Nonzeros, n = 3
	Adjusted r _i =	na	na	na	na	10	14	12	na	na	na	
	r/R _i =	0	0	0	0	1	1	1	0	0	0	
	[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0	
	Σ [r/R _i] ² =	3										
	(1/n) Σ [r/R _i] ² =	1										=Accuracy

Hill	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	4	4	0	0	40	8	8	40	4	0	
	CAS	3	3	9	0	0	30	24	0	3	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	Force Total, r =	7	9	9	0	40	38	32	40	7	0	Nonzeros, n = 3
	Required Power, R _i =	0	0	0	0	10	14	12	0	0	0	
	Adjusted r _i =	na	na	na	na	10	14	12	na	na	na	
	r/R _i =	0	0	0	0	1	1	1	0	0	0	
	[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0	
	Σ [r/R _i] ² =	3										
	(1/n) Σ [r/R _i] ² =	1										=Accuracy

Airport	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	2	2	0	0	20	4	4	20	2	0	
	CAS	1	1	3	0	0	10	8	0	1	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	Force Total, r =	3	3	3	0	20	14	12	20	3	0	Nonzeros, n = 3
	Required Power, R _i =	0	0	0	0	20	10	4	0	0	0	
	Adjusted r _i =	na	na	na	na	20	10	4	na	na	na	
	r/R _i =	0	0	0	0	1	1	1	0	0	0	
	[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0	
	Σ [r/R _i] ² =	3										
	(1/n) Σ [r/R _i] ² =	1										=Accuracy

Seaport	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	2	2	0	0	20	4	4	20	2	0	
	CAS	0	0	0	0	0	0	0	0	0	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	Force Total, r =	2	0	0	0	20	4	4	20	2	0	Nonzeros, n = 3
	Required Power, R _i =	0	0	0	0	20	10	4	0	0	0	
	Adjusted r _i =	na	na	na	na	20	4	4	na	na	na	
	r/R _i =	0	0	0	0	1	0.4	1	0	0	0	
	[r/R _i] ² =	0	0	0	0	1	0.16	1	0	0	0	
	Σ [r/R _i] ² =	2.16										
	(1/n) Σ [r/R _i] ² =	0.72										=Accuracy

Bridge	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	0	0	0	0	0	0	0	0	0	0	
	CAS	1	1	3	0	0	10	8	0	1	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	1	0	0	0	2	0	0	2	5	0	
	ForceTotal, r =		1	3	0	2	10	8	2	6	0	
	Required Power, R _i =		0	0	0	8	6	0	0	4	0	Nonzeros, n = 3
	Adjusted r _i =		na	na	na	2	6	na	na	4	na	
	r/R _i =		0	0	0	0.25	1	0	0	1	0	
	[r/R _i] ² =		0	0	0	0.0625	1	0	0	1	0	
	Σ [r/R _i] ² =		2.0625									
	(1/n) Σ [r/R _i] ² =		0.6875									=Accuracy

D. RUN 2 - 2-24-99_J42J41_V2

2-24-99_J42J41_V2

Objective	Assets Used				# of Controllers	Accuracy Score	Coordination Score
	CAS	SHIP	INF	ENG			
North Beach			INF_H/B		1	34.94%	1.00
Hill			INF_H/P		2	47.79%	2.00
			INF_A/P				
			INF_H/B				
Airport	PCAS4		INF_H/P		1	100.00%	1.00
	PCAS5		INF_A/P				
	PCAS7		INF_A/B				
Seaport	BCAS7		INF_H/P		2	100.00%	2.00
	FCAS21						
Bridge	FCAS22			ENG	1	68.75%	1.00
						7.00	
						70.30%	1.40

Sum Avg

N Beach	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	1	1	0	0	10	2	2	10	1	0	
	CAS	0	0	0	0	0	0	0	0	0	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	ForceTotal, r =		1	0	0	10	2	2	10	1	0	
	Required Power, R _i =		0	0	0	10	14	12	0	0	0	Nonzeros, n = 3
	Adjusted r _i =		na	na	na	10	2	2	na	na	na	
	r/R _i =		0	0	0	1	0.142857143	0.166667	0	0	0	
	[r/R _i] ² =		0	0	0	1	0.020408163	0.027778	0	0	0	
	Σ [r/R _i] ² =		1.048186									
	(1/n) Σ [r/R _i] ² =		0.349395									=Accuracy

Hill	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	3	3	0	0	30	6	6	30	3	0	
	CAS	0	0	0	0	0	0	0	0	0	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	ForceTotal, r =		3	0	0	30	6	6	30	3	0	
	Required Power, R _i =		0	0	0	10	14	12	0	0	0	Nonzeros, n = 3
	Adjusted r _i =		na	na	na	10	6	6	na	na	na	
	r/R _i =		0	0	0	1	0.428571429	0.5	0	0	0	
	[r/R _i] ² =		0	0	0	1	0.183673469	0.25	0	0	0	
	Σ [r/R _i] ² =		1.433673									
	(1/n) Σ [r/R _i] ² =		0.477891									=Accuracy

Airport	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	2	2	0	0	20	4	4	20	2	0	
	CAS	3	3	9	0	0	30	24	0	3	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	ForceTotal, r =		5	9	0	20	34	28	20	5	0	
	Required Power, R _i =		0	0	0	20	10	4	0	0	0	Nonzeros, n = 3
	Adjusted r _i =		na	na	na	20	10	4	na	na	na	
	r/R _i =		0	0	0	1	1	1	0	0	0	
	[r/R _i] ² =		0	0	0	1	1	1	0	0	0	
	Σ [r/R _i] ² =		3									
	(1/n) Σ [r/R _i] ² =		1									=Accuracy

Seaport	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	2	2	0	0	20	4	4	20	2	0	
	CAS	1	1	3	0	0	10	8	0	1	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	ForceTotal, r =	3	3	0	0	20	14	12	20	3	0	Nonzeros, n = 3
	Required Power, R _i =	0	0	0	0	20	10	4	0	0	0	
	Adjusted r _i =	na	na	na	na	20	10	4	na	na	na	
	r/R _i =	0	0	0	0	1	1	1	0	0	0	
	[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0	
	Σ [r/R _i] ² =	3										
	(1/n) Σ [r/R _i] ² =	1										=Accuracy

Bridge	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	0	0	0	0	0	0	0	0	0	0	
	CAS	2	2	6	0	0	20	16	0	2	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	1	0	0	0	2	0	0	2	5	0	
	ForceTotal, r =	2	6	0	0	2	20	16	2	7	0	Nonzeros, n = 3
	Required Power, R _i =	0	0	0	0	8	6	0	0	4	0	
	Adjusted r _i =	na	na	na	na	2	6	na	na	4	na	
	r/R _i =	0	0	0	0	0.25	1	0	0	1	0	
	[r/R _i] ² =	0	0	0	0	0.0625	1	0	0	1	0	
	Σ [r/R _i] ² =	2.0625										
	(1/n) Σ [r/R _i] ² =	0.6875										=Accuracy

E. RUN 3 - 2-24-99_J43J42_V1

2-24-99_J43J42_V1

Objective	Assets Used				# of Controllers	Accuracy Score	Coordination Score	
	CAS	SHIP	INF	ENG				
North Beach	BCAS3		INF_H/B		1	100.00%	1.00	
	BCAS4		INF_A/B					
Hill	BCAS1		INF_H/B		1	100.00%	1.00	
	BCAS2		INF_A/B					
Airport	PCAS5		INF_H/P		1	100.00%	1.00	
	PCAS6		INF_A/P					
	PCAS8		INF_A/P					
Seaport			INF_A/B		2	72.00%	2.00	
Bridge	PCAS8		INF_H/P	ENG	2	68.75%	2.00	
							7.00	Sum
							88.15%	Avg

N Beach	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	2	2	0	0	20	4	4	20	2	0	
	CAS	2	2	6	0	0	20	16	0	2	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	ForceTotal, r =	4	6	0	0	20	24	20	20	4	0	Nonzeros, n = 3
	Required Power, R _i =	0	0	0	0	10	14	12	0	0	0	
	Adjusted r _i =	na	na	na	na	10	14	12	na	na	na	
	r/R _i =	0	0	0	0	1	1	1	0	0	0	
	[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0	
	Σ [r/R _i] ² =	3										
	(1/n) Σ [r/R _i] ² =	1										=Accuracy

Hill	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	2	2	0	0	20	4	4	20	2	0	
	CAS	2	2	6	0	0	20	16	0	2	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	ForceTotal, r =	4	6	0	0	20	24	20	20	4	0	Nonzeros, n = 3
	Required Power, R _i =	0	0	0	0	10	14	12	0	0	0	
	Adjusted r _i =	na	na	na	na	10	14	12	na	na	na	
	r/R _i =	0	0	0	0	1	1	1	0	0	0	
	[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0	
	Σ [r/R _i] ² =	3										
	(1/n) Σ [r/R _i] ² =	1										=Accuracy

Airport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	4	4	12	0	0	40	32	0	4	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r=		6	12	0	20	44	36	20	6	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	10	4	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n)Σ [r/R _i] ² =		1								
										=Accuracy

Nonzeros, n = 3

Seaport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	0	0	0	0	0	0	0	0	0	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r=		2	0	0	20	4	4	20	2	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	4	4	na	na	na
r/R _i =		0	0	0	1	0.4	1	0	0	0
[r/R _i] ² =		0	0	0	1	0.16	1	0	0	0
Σ [r/R _i] ² =		2.16								
(1/n)Σ [r/R _i] ² =		0.72								
										=Accuracy

Nonzeros, n = 3

Bridge

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	0	0	0	0	0	0	0	0	0	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	1	0	0	0	2	0	0	2	5	0
ForceTotal, r=		1	3	0	2	10	8	2	6	0
Required Power, R _i =		0	0	0	8	6	0	0	4	0
Adjusted r _i =		na	na	na	2	6	na	na	4	na
r/R _i =		0	0	0	0.25	1	0	0	1	0
[r/R _i] ² =		0	0	0	0.0625	1	0	0	1	0
Σ [r/R _i] ² =		2.0625								
(1/n)Σ [r/R _i] ² =		0.6875								
										=Accuracy

Nonzeros, n = 3

F. RUN 4 - 2-25-99_S41J42_V2

2-25-99_S41J42_V2

Objective	Assets Used				# of Controllers	Accuracy Score	Coordination Score
	CAS	SHIP	INF	ENG			
North Beach	BCAS3				1	100.00%	1.00
	BCAS4		INF_H/B				
Hill	BCAS1		INF_H/B		1	100.00%	1.00
	BCAS2		INF_A/B				
Airport	PCAS3				1	100.00%	1.00
	PCAS5		INF_H/P				
Seaport	BCAS10B				2	100.00%	2.00
	CAS11		INF_H/P				
Bridge	FCAS22			ENG	1	68.75%	1.00
							6.00
							93.75%
							Sum
							Avg

N Beach

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	1	1	0	0	10	2	2	10	1	0
CAS	2	2	6	0	0	20	16	0	2	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r=		3	6	0	10	22	18	10	3	0
Required Power, R _i =		0	0	0	10	14	12	0	0	0
Adjusted r _i =		na	na	na	10	14	12	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n)Σ [r/R _i] ² =		1								
										=Accuracy

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	2	2	6	0	0	20	16	0	2	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r=		4	6	0	20	24	20	20	4	0
Required Power, R _i =		0	0	0	10	14	12	0	0	0
Adjusted r _i =		na	na	na	10	14	12	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n)Σ [r/R _i] ² =		.1								

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	3	3	9	0	0	30	24	0	3	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r=		5	9	0	20	34	28	20	5	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	10	4	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n)Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r=		3	3	0	20	14	12	20	3	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	10	4	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n)Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	0	0	0	0	0	0	0	0	0	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	1	0	0	0	2	0	0	2	5	0
ForceTotal, r=		1	3	0	2	10	8	2	6	0
Required Power, R _i =		0	0	0	8	6	0	0	4	0
Adjusted r _i =		na	na	na	2	6	na	na	4	na
r/R _i =		0	0	0	0.25	1	0	0	1	0
[r/R _i] ² =		0	0	0	0.0625	1	0	0	1	0
Σ [r/R _i] ² =		2.0625								
(1/n)Σ [r/R _i] ² =		0.6875								

Nonzeros, n = 3

G. RUN 5 - 2-25-99_S42J43_V2

2-25-99_S42J43_V2

Objective	Assets Used				# of Controllers	Accuracy Score	Coordination Score
	CAS	SHIP	INF	ENG			
North Beach	BCAS3		INF_H/B		1	100.00%	1.00
	BCAS4		INF_H/B				
Hill	BCAS1		INF_H/B		2	100.00%	2.00
	BCAS2		INF_A/P				
Airport	PCAS7		INF_H/P		2	100.00%	2.00
	PCAS4		INF_A/P				
Seaport	BCAS11		INF_A/B		2	100.00%	2.00
	BCAS12		INF_H/P				
Bridge	PCAS6			ENG	1	68.75%	1.00
						8.00	
						93.75%	1.80

Sum Avg

N Beach

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	4	4	0	0	40	8	8	40	4	0
CAS	2	2	6	0	0	20	16	0	2	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		6	6	0	40	28	24	40	6	0
Required Power, R _i =		0	0	0	10	14	12	0	0	0
Adjusted r _i =		na	na	na	10	14	12	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n) * Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Hill

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	2	2	6	0	0	20	16	0	2	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		4	6	0	20	24	20	20	4	0
Required Power, R _i =		0	0	0	10	14	12	0	0	0
Adjusted r _i =		na	na	na	10	14	12	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n) * Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Airport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	3	3	9	0	0	30	24	0	3	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		5	9	0	20	34	28	20	5	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	10	4	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n) * Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Seaport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	2	2	6	0	0	20	16	0	2	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		4	6	0	20	24	20	20	4	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	10	4	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n) * Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Bridge

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	0	0	0	0	0	0	0	0	0	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	1	0	0	0	2	0	0	2	5	0
ForceTotal, r =		1	3	0	2	10	8	2	6	0
Required Power, R _i =		0	0	0	8	6	0	0	4	0
Adjusted r _i =		na	na	na	2	6	na	na	4	na

Nonzeros, n = 3

H. RUN 6 - 2-26-99_J62J61_V4

2-26-99_J62J61_V4

Objective	Assets Used				# of Controllers	Accuracy Score	Coordination Score	
	CAS	SHIP	INF	ENG				
North Beach			INF_F/B INF_A1/P INF_A2/P INF_H/P		2	59.03%	2.00	
	RCAS1		INF_F/B INF_A1/P INF_A2/P INF_H/P					
Hill	RCAS3		INF_F/B INF_A1/P INF_A2/P INF_H/P		3	100.00%	3.00	
Airport	RCAS5		INF_H/P		2	100.00%	2.00	
	RCAS22		INF_A1/P					
Seaport			INF_A2/P INF_H/P		1	72.00%	1.00	
Bridge	RCAS12			ENG	2	68.75%	2.00	
	RCAS15							
							10.00	Sum Avg
							79.96%	

N Beach	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	Nonzeros, n =
	INF	4	4	0	0	40	8	8	40	4	0	
	CAS	0	0	0	0	0	0	0	0	0	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	ForceTotal, r =	4	0	0	0	40	8	8	40	4	0	
	Required Power, R _i =	0	0	0	0	10	14	12	0	0	0	
	Adjusted r _i =	na	na	na	na	10	8	8	na	na	na	
	r/R _i =	0	0	0	0	1	0.571428571	0.666667	0	0	0	
	[r/R _i] ² =	0	0	0	0	1	0.326530612	0.444444	0	0	0	
	Σ [r/R _i] ² =	1.770975										
	(1/n) * Σ [r/R _i] ² =	0.590325 = Accuracy										

Hill	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	Nonzeros, n =
	INF	4	4	0	0	40	8	8	40	4	0	
	CAS	3	3	9	0	0	30	24	0	3	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	ForceTotal, r =	7	9	0	0	40	38	32	40	7	0	
	Required Power, R _i =	0	0	0	0	10	14	12	0	0	0	
	Adjusted r _i =	na	na	na	na	10	14	12	na	na	na	
	r/R _i =	0	0	0	0	1	1	1	0	0	0	
	[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0	
	Σ [r/R _i] ² =	3										
	(1/n) * Σ [r/R _i] ² =	1 = Accuracy										

Airport	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	Nonzeros, n =
	INF	2	2	0	0	20	4	4	20	2	0	
	CAS	2	2	6	0	0	20	16	0	2	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	ForceTotal, r =	4	6	0	0	20	24	20	20	4	0	
	Required Power, R _i =	0	0	0	0	20	10	4	0	0	0	
	Adjusted r _i =	na	na	na	na	20	10	4	na	na	na	
	r/R _i =	0	0	0	0	1	1	1	0	0	0	
	[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0	
	Σ [r/R _i] ² =	3										
	(1/n) * Σ [r/R _i] ² =	1 = Accuracy										

Seaport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
INF	2	2	0	0	20	4	4	20	2	0	
CAS	0	0	0	0	0	0	0	0	0	0	
DDG	0	0	0	0	0	0	0	0	0	0	
ENG	0	0	0	0	0	0	0	0	0	0	
ForceTotal, r =	2	0	0	0	20	4	4	20	2	0	
Required Power, R _i =	0	0	0	0	20	10	4	0	0	0	
Adjusted r _i =	na	na	na	na	20	4	4	na	na	na	
r/R _i =	0	0	0	0	1	0.4	1	0	0	0	
[r/R _i] ² =	0	0	0	0	1	0.16	1	0	0	0	
Σ [r/R _i] ² =	2.16										
(1/n) Σ [r/R _i] ² =	0.72		=Accuracy								

Nonzeros, n = 3

Bridge

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
INF	0	0	0	0	0	0	0	0	0	0	
CAS	2	2	6	0	0	20	16	0	2	0	
DDG	0	0	0	0	0	0	0	0	0	0	
ENG	1	0	0	0	2	0	0	2	5	0	
ForceTotal, r =	2	6	0	2	20	16	2	7	0	0	
Required Power, R _i =	0	0	0	8	6	0	0	4	0	0	
Adjusted r _i =	na	na	na	2	6	na	na	4	na	na	
r/R _i =	0	0	0	0.25	1	0	0	1	0	0	
[r/R _i] ² =	0	0	0	0.0625	1	0	0	1	0	0	
Σ [r/R _i] ² =	2.0625										
(1/n) Σ [r/R _i] ² =	0.6875		=Accuracy								

Nonzeros, n = 3

I. RUN 7-2-26-99_J61J62_V3

2-26-99_J61J62_V3

Objective	Assets Used				# of Controllers	Accuracy Score	Coordination Score
	CAS	SHIP	INF	ENG			
North Beach	RCAS3		INF_A1/P		2	80.97%	2.00
Hill	RCAS1				1	100.00%	1.00
			INF_H/P		1	72.00%	1.00
Airport			INF_A2/P		1	72.00%	1.00
Seaport Bridge	RCAS14		INF_H/P		2	100.00%	2.00
			INF_A1/P		1	53.13%	1.00
			ENG		1	53.13%	1.00
						7.00	
						81.22%	1.40

Sum Avg

N Beach

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
INF	1	1	0	0	10	2	2	10	1	0	
CAS	1	1	3	0	0	10	8	0	1	0	
DDG	0	0	0	0	0	0	0	0	0	0	
ENG	0	0	0	0	0	0	0	0	0	0	
ForceTotal, r =	2	3	0	0	10	12	10	10	2	0	
Required Power, R _i =	0	0	0	10	14	12	0	0	0	0	
Adjusted r _i =	na	na	na	10	12	10	na	na	na	na	
r/R _i =	0	0	0	1	0.857142857	0.833333	0	0	0	0	
[r/R _i] ² =	0	0	0	1	0.734693878	0.694444	0	0	0	0	
Σ [r/R _i] ² =	2.429138										
(1/n) Σ [r/R _i] ² =	0.809713		=Accuracy								

Nonzeros, n = 3

Hill

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
INF	0	0	0	0	0	0	0	0	0	0	
CAS	2	2	6	0	0	20	16	0	2	0	
DDG	0	0	0	0	0	0	0	0	0	0	
ENG	0	0	0	0	0	0	0	0	0	0	
ForceTotal, r =	2	6	0	0	20	16	0	2	0	0	
Required Power, R _i =	0	0	0	10	14	12	0	0	0	0	
Adjusted r _i =	na	na	na	na	14	12	na	na	na	na	
r/R _i =	0	0	0	0	1	1	0	0	0	0	
[r/R _i] ² =	0	0	0	0	1	1	0	0	0	0	
Σ [r/R _i] ² =	2										
(1/n) Σ [r/R _i] ² =	1		=Accuracy								

Nonzeros, n = 2

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	0	0	0	0	0	0	0	0	0	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =	2	0	0	0	20	4	4	20	2	0
Required Power, R _i =	0	0	0	0	20	10	4	0	0	0
Adjusted r _i =	na	na	na	na	20	4	4	na	na	na
r/R _i =	0	0	0	0	1	0.4	1	0	0	0
[r/R _i] ² =	0	0	0	0	1	0.16	1	0	0	0
Σ [r/R _i] ² =	2.16									
(1/n) * Σ [r/R _i] ² =	0.72									

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =	3	3	0	0	20	14	12	20	3	0
Required Power, R _i =	0	0	0	0	20	10	4	0	0	0
Adjusted r _i =	na	na	na	na	20	10	4	na	na	na
r/R _i =	0	0	0	0	1	1	1	0	0	0
[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =	3									
(1/n) * Σ [r/R _i] ² =	1									

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	0	0	0	0	0	0	0	0	0	0
CAS	0	0	0	0	0	0	0	0	0	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	1	0	0	0	2	0	0	2	5	0
ForceTotal, r =	0	0	0	0	2	0	0	2	5	0
Required Power, R _i =	0	0	0	0	8	6	0	0	4	0
Adjusted r _i =	na	na	na	na	2	na	na	na	4	na
r/R _i =	0	0	0	0	0.25	0	0	0	1	0
[r/R _i] ² =	0	0	0	0	0.0625	0	0	0	1	0
Σ [r/R _i] ² =	1.0625									
(1/n) * Σ [r/R _i] ² =	0.53125									

Nonzeros, n = 2

J. RUN 8 - 3-1-99_J61J62_V2

3-1-99_J61J62_V2

Objective	Assets Used				# of Controllers	Accuracy Score	Coordination Score
	CAS	SHIP	INF	ENG			
North Beach	RCAS3		INF_A1/P		2	80.97%	2.00
Hill	RCAS1		INF_A1/P		3	100.00%	3.00
			INF_A2/P				
Airport	RCAS11		INF_H/B		2	100.00%	2.00
			INF_H/P				
Seaport	RCAS16		INF_A2/P		2	100.00%	2.00
			INF_H/P				
Bridge			INF_A1/P		1	53.13%	1.00
			ENG		1		
							10.00
							86.82%
							2.00

Sum Avg

N Beach

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	1	1	0	0	10	2	2	10	1	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r=		2	3	0	10	12	10	10	2	0
Required Power, R _i =		0	0	0	10	14	12	0	0	0
Adjusted r _i =		na	na	na	10	12	10	na	na	na
r/R _i =		0	0	0	1	0.857142857	0.8333333	0	0	0
[r/R _i] ² =		0	0	0	1	0.734693878	0.6944444	0	0	0
Σ [r/R _i] ² =		2.429138								
(1/n)*Σ [r/R _i] ² =		0.809713 =Accuracy								

Nonzeros, n = 3

Hill

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	4	4	0	0	40	8	8	40	4	0
CAS	2	2	6	0	0	20	16	0	2	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r=		6	6	0	40	28	24	40	6	0
Required Power, R _i =		0	0	0	10	14	12	0	0	0
Adjusted r _i =		na	na	na	10	14	12	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n)*Σ [r/R _i] ² =		1 =Accuracy								

Nonzeros, n = 3

Airport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r=		3	3	0	20	14	12	20	3	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	10	4	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n)*Σ [r/R _i] ² =		1 =Accuracy								

Nonzeros, n = 3

Seaport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r=		3	3	0	20	14	12	20	3	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	10	4	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n)*Σ [r/R _i] ² =		1 =Accuracy								

Nonzeros, n = 3

Bridge

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	0	0	0	0	0	0	0	0	0	0
CAS	0	0	0	0	0	0	0	0	0	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	1	0	0	0	2	0	0	2	5	0
ForceTotal, r=		0	0	0	2	0	0	2	5	0
Required Power, R _i =		0	0	0	8	6	0	0	4	0
Adjusted r _i =		na	na	na	2	na	na	na	4	na
r/R _i =		0	0	0	0.25	0	0	0	1	0
[r/R _i] ² =		0	0	0	0.0625	0	0	0	1	0
Σ [r/R _i] ² =		1.0625								
(1/n)*Σ [r/R _i] ² =		0.53125 =Accuracy								

Nonzeros, n = 2

K. RUN 9 - 3-1-99_J62J61_V1

3-1-99_J62J61_V1

Assets Used				# of Controllers	Accuracy Score	Coordination Score	
CAS	SHIP	INF	ENG				
RCAS3		INF_H/B		2	80.97%	2.00	
RCAS1		INF_A1/P		2	100.00%	2.00	
RCAS2		INF_A2/P					
RCAS9		INF_H/P		2	100.00%	2.00	
RCAS10		INF_H/P		2	100.00%	2.00	
RCAS12			ENG	2	53.13%	2.00	
						10.00	
						86.82%	2.00

Sum
Avg

N Beach

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	1	1	0	0	10	2	2	10	1	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		2	3	0	10	12	10	10	2	0
Required Power, R _i =		0	0	0	10	14	12	0	0	0
Adjusted r _i =		na	na	na	10	12	10	na	na	na
r/R _i =		0	0	0	1	0.857142857	0.8333333	0	0	0
[r/R _i] ² =		0	0	0	1	0.734693878	0.694444	0	0	0
Σ [r/R _i] ² =		2.429138								
(1/n) * Σ [r/R _i] ² =		0.809713								

Nonzeros, n = 3

Hill

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	4	4	0	0	40	8	8	40	4	0
CAS	2	2	6	0	0	20	16	0	2	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		6	6	0	40	28	24	40	6	0
Required Power, R _i =		0	0	0	10	14	12	0	0	0
Adjusted r _i =		na	na	na	10	14	12	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n) * Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Airport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		3	3	0	20	14	12	20	3	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	10	4	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n) * Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Seaport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		3	3	0	20	14	12	20	3	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	10	4	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n) * Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Bridge

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	0	0	0	0	0	0	0	0	0	0
CAS	0	0	0	0	0	0	0	0	0	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	1	0	0	0	2	0	0	2	5	0
ForceTotal, r=		0	0	0	2	0	0	2	5	0
Required Power, R _i =		0	0	0	8	6	0	0	4	0
Adjusted r _i =		na	na	na	2	na	na	na	4	na
r/R _i =		0	0	0	0.25	0	0	0	1	0
[r/R _i] ² =		0	0	0	0.0625	0	0	0	1	0
Σ [r/R _i] ² =		1.0625								
(1/n)Σ [r/R _i] ² =		0.53125								
		=Accuracy								

Nonzeros, n = 2

L. RUN 10 - 3-2-99_S61J61_V3

3-2-99_S61J61_V3

Objective	Assets Used				# of Controllers	Accuracy Score	Coordination Score
	CAS	SHIP	INF	ENG			
North Beach	RCAS3	DDG	INF_H/B INF_A1/P		3	100.00%	3.00
Hill	RCAS1		INF_H/B		2	100.00%	2.00
Airport	RCAS12		INF_H/P INF_A2/P		2	100.00%	2.00
Seaport	RCAS15		INF_H/P INF_A1/P		2	100.00%	2.00
Bridge			ENG		1	53.13%	1.00
							10.00
							90.63%
							Sum
							Avg

N Beach

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	1	10	10	1	0	9	5	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r=		13	13	1	20	23	17	20	3	0
Required Power, R _i =		0	0	0	10	14	12	0	0	0
Adjusted r _i =		na	na	na	10	14	12	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n)Σ [r/R _i] ² =		1								
		=Accuracy								

Nonzeros, n = 3

Hill

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	1	1	0	0	10	2	2	10	1	0
CAS	2	2	6	0	0	20	16	0	2	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r=		3	6	0	10	22	18	10	3	0
Required Power, R _i =		0	0	0	10	14	12	0	0	0
Adjusted r _i =		na	na	na	10	14	12	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n)Σ [r/R _i] ² =		1								
		=Accuracy								

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		3	3	0	20	14	12	20	3	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	10	4	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n) Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		3	3	0	20	14	12	20	3	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	10	4	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n) Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	0	0	0	0	0	0	0	0	0	0
CAS	0	0	0	0	0	0	0	0	0	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	1	0	0	0	2	0	0	2	5	0
ForceTotal, r =		0	0	0	2	0	0	2	5	0
Required Power, R _i =		0	0	0	8	6	0	0	4	0
Adjusted r _i =		na	na	na	2	na	na	na	4	na
r/R _i =		0	0	0	0.25	0	0	0	1	0
[r/R _i] ² =		0	0	0	0.0625	0	0	0	1	0
Σ [r/R _i] ² =		1.0625								
(1/n) Σ [r/R _i] ² =		0.53125								

Nonzeros, n = 2

M. RUN 11 - 3-2-99_S61J62_V2

3-2-99_S61J62_V2

Objective	Assets Used				# of Controllers	Accuracy Score	Coordination Score
	CAS	SHIP	INF	ENG			
North Beach	RCAS3		INF_A1/P		2	80.97%	2.00
Hill	RCAS1		INF_H/B		2	100.00%	2.00
	Airport	RCAS9	INF_AZ/P		2	100.00%	2.00
INF_H/P							
Seaport			INF_A1/P		1	72.00%	1.00
Bridge	RCAS12		INF_H/P		2	68.75%	2.00
			ENG				
						9.00	
						84.34%	1.80

Sum
Avg

N Beach

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	1	1	0	0	10	2	2	10	1	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		2	3	0	10	12	10	10	2	0
Required Power, R _i =		0	0	0	10	14	12	0	0	0
Adjusted r _i =		na	na	na	10	12	10	na	na	na
r/R _i =		0	0	0	1	0.857142857	0.8333333	0	0	0
[r/R _i] ² =		0	0	0	1	0.734693878	0.6944444	0	0	0
Σ [r/R _i] ² =		2.429138								
(1/n) Σ [r/R _i] ² =		0.809713								

Nonzeros, n = 3

Hill

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	1	1	0	0	10	2	2	10	1	0
CAS	2	2	6	0	0	20	16	0	2	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		3	6	0	10	22	18	10	3	0
Required Power, R _i =		0	0	0	10	14	12	0	0	0
Adjusted r _i =		na	na	na	10	14	12	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n) Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Airport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		3	3	0	20	14	12	20	3	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	10	4	na	na	na
r/R _i =		0	0	0	1	1	1	0	0	0
[r/R _i] ² =		0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =		3								
(1/n) Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Seaport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	0	0	0	0	0	0	0	0	0	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =		2	0	0	20	4	4	20	2	0
Required Power, R _i =		0	0	0	20	10	4	0	0	0
Adjusted r _i =		na	na	na	20	4	4	na	na	na
r/R _i =		0	0	0	1	0.4	1	0	0	0
[r/R _i] ² =		0	0	0	1	0.16	1	0	0	0
Σ [r/R _i] ² =		2.16								
(1/n) Σ [r/R _i] ² =		0.72								

Nonzeros, n = 3

Bridge

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	0	0	0	0	0	0	0	0	0	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	1	0	0	0	2	0	0	2	5	0
ForceTotal, r =		1	3	0	2	10	8	2	6	0
Required Power, R _i =		0	0	0	8	6	0	0	4	0
Adjusted r _i =		na	na	na	2	6	na	na	4	na
r/R _i =		0	0	0	0.25	1	0	0	1	0
[r/R _i] ² =		0	0	0	0.0625	1	0	0	1	0
Σ [r/R _i] ² =		2.0625								
(1/n) Σ [r/R _i] ² =		0.6875								

Nonzeros, n = 3

N. RUN 12 - 3-3-99_J41J41_V3

3-3-99_J41J41_V3

Objective	Assets Used				# of Controllers	Accuracy Score	Coordination Score
	CAS	SHIP	INF	ENG			
North Beach			AAAV/B INF_H/B		1	39.76%	1.00
Hill			INF_A/B INF_A/P		2	100.00%	2.00
Airport	PCAS1 PCAS3 PCAS4		INF_H/P		1	100.00%	1.00
Seaport Bridge	BCAS9		INF_H/P INF_A/B		2	100.00%	2.00
				ENG	1	53.13%	1.00
							7.00
							1.40
							Sum
							Avg

N Beach	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	2	2	0	0	20	4	4	20	2	0	
	CAS	0	0	0	0	0	0	0	0	0	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	ForceTotal, r =		2	0	0	20	4	4	20	2	0	
	Required Power, R _i =		0	0	0	10	14	12	0	0	0	Nonzeros, n =
	Adjusted r _i =		na	na	na	10	4	4	na	na	na	3
	r/R _i =		0	0	0	1	0.285714286	0.3333333	0	0	0	
	[r/R _i] ² =		0	0	0	1	0.081632653	0.1111111	0	0	0	
	Σ [r/R _i] ² =		1.192744									
	(1/n) * Σ [r/R _i] ² =		0.397581									=Accuracy

Hill	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	3	3	0	0	30	6	6	30	3	0	
	CAS	1	1	3	0	0	10	8	0	1	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	ForceTotal, r =		4	3	0	30	16	14	30	-4	0	
	Required Power, R _i =		0	0	0	10	14	12	0	0	0	Nonzeros, n =
	Adjusted r _i =		na	na	na	10	14	12	na	na	na	3
	r/R _i =		0	0	0	1	1	1	0	0	0	
	[r/R _i] ² =		0	0	0	1	1	1	0	0	0	
	Σ [r/R _i] ² =		3									
	(1/n) * Σ [r/R _i] ² =		1									=Accuracy

Airport	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px	
	INF	2	2	0	0	20	4	4	20	2	0	
	CAS	2	2	6	0	0	20	16	0	2	0	
	DDG	0	0	0	0	0	0	0	0	0	0	
	ENG	0	0	0	0	0	0	0	0	0	0	
	ForceTotal, r =		4	6	0	20	24	20	20	4	0	
	Required Power, R _i =		0	0	0	20	10	4	0	0	0	Nonzeros, n =
	Adjusted r _i =		na	na	na	20	10	4	na	na	na	3
	r/R _i =		0	0	0	1	1	1	0	0	0	
	[r/R _i] ² =		0	0	0	1	1	1	0	0	0	
	Σ [r/R _i] ² =		3									
	(1/n) * Σ [r/R _i] ² =		1									=Accuracy

Seaport	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
	INF	2	2	0	0	20	4	4	20	2	0
	CAS	1	1	3	0	0	10	8	0	1	0
	DDG	0	0	0	0	0	0	0	0	0	0
	ENG	0	0	0	0	0	0	0	0	0	0
	ForceTotal, r =		3	3	0	20	14	12	20	3	0
	Required Power, R _i =		0	0	0	20	10	4	0	0	0
	Adjusted r _i =		na	na	na	20	10	4	na	na	na
	r/R _i =		0	0	0	1	1	1	0	0	0
	[r/R _i] ² =		0	0	0	1	1	1	0	0	0
	Σ [r/R _i] ² =		3								
	(1/n) * Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Bridge	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
	INF	0	0	0	0	0	0	0	0	0	0
	CAS	0	0	0	0	0	0	0	0	0	0
	DDG	0	0	0	0	0	0	0	0	0	0
	ENG	1	0	0	0	2	0	0	2	5	0
	ForceTotal, r =		0	0	0	2	0	0	2	5	0
	Required Power, R _i =		0	0	0	8	6	0	0	4	0
	Adjusted r _i =		na	na	na	2	na	na	na	4	na
	r/R _i =		0	0	0	0.25	0	0	0	1	0
	[r/R _i] ² =		0	0	0	0.0625	0	0	0	1	0
	Σ [r/R _i] ² =		1.0625								
	(1/n) * Σ [r/R _i] ² =		0.53125								

Nonzeros, n = 2

O. RUN 13 - 3-3-99_J42J42_V3

3-3-99_J42J42_V3

Objective	Assets Used				# of Controllers	Accuracy Score	Coordination Score
	CAS	SHIP	INF	ENG			
North Beach	PCAS1	DDG	AAAV/P		2	100.00%	2.00
	PCAS2		INF_H/P				
Hill	PCAS1		INF_H/P		2	100.00%	2.00
	PCAS2		INF_H/B				
Airport	PCAS11		INF_H/B		2	100.00%	2.00
			INF_A/B				
Seaport	PCAS10		INF_A/P		2	72.00%	2.00
			INF_H/B				
Bridge				ENG	2	68.75%	2.00
						10.00	
						88.15%	2.00

Sum Avg

N Beach	Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
	INF	3	3	0	0	30	6	6	30	3	0
	CAS	2	2	6	0	0	20	16	0	2	0
	DDG	1	10	10	1	0	9	5	0	0	0
	ENG	0	0	0	0	0	0	0	0	0	0
	ForceTotal, r =		15	16	1	30	35	27	30	5	0
	Required Power, R _i =		0	0	0	10	14	12	0	0	0
	Adjusted r _i =		na	na	na	10	14	12	na	na	na
	r/R _i =		0	0	0	1	1	1	0	0	0
	[r/R _i] ² =		0	0	0	1	1	1	0	0	0
	Σ [r/R _i] ² =		3								
	(1/n) * Σ [r/R _i] ² =		1								

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	4	4	0	0	40	8	8	40	4	0
CAS	2	2	6	0	0	20	16	0	2	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =	6	6	0	0	40	28	24	40	6	0
Required Power, R _i =	0	0	0	0	10	14	12	0	0	0
Adjusted r _i =	na	na	na	na	10	14	12	na	na	na
r/R _i =	0	0	0	0	1	1	1	0	0	0
(r/R _i) ² =	0	0	0	0	1	1	1	0	0	0
Σ (r/R _i) ² =	3									
(1/n) Σ (r/R _i) ² =	1									

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =	3	3	0	0	20	14	12	20	3	0
Required Power, R _i =	0	0	0	0	20	10	4	0	0	0
Adjusted r _i =	na	na	na	na	20	10	4	na	na	na
r/R _i =	0	0	0	0	1	1	1	0	0	0
(r/R _i) ² =	0	0	0	0	1	1	1	0	0	0
Σ (r/R _i) ² =	3									
(1/n) Σ (r/R _i) ² =	1									

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	0	0	0	0	0	0	0	0	0	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =	2	0	0	0	20	4	4	20	2	0
Required Power, R _i =	0	0	0	0	20	10	4	0	0	0
Adjusted r _i =	na	na	na	na	20	4	4	na	na	na
r/R _i =	0	0	0	0	1	0.4	1	0	0	0
(r/R _i) ² =	0	0	0	0	1	0.16	1	0	0	0
Σ (r/R _i) ² =	2.16									
(1/n) Σ (r/R _i) ² =	0.72									

Nonzeros, n = 3

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	0	0	0	0	0	0	0	0	0	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	1	0	0	0	2	0	0	2	5	0
ForceTotal, r =	1	3	0	0	2	10	8	2	6	0
Required Power, R _i =	0	0	0	0	8	6	0	0	4	0
Adjusted r _i =	na	na	na	na	2	6	na	na	4	na
r/R _i =	0	0	0	0	0.25	1	0	0	1	0
(r/R _i) ² =	0	0	0	0	0.0625	1	0	0	1	0
Σ (r/R _i) ² =	2.0625									
(1/n) Σ (r/R _i) ² =	0.6875									

Nonzeros, n = 3

P. RUN 14 - 3-3-99_J43J43_V3

3-3-99_J43J43_V3

Objective	Assets Used				# of Controllers	Accuracy Score	Coordination Score	
	CAS	SHIP	INF	ENG				
North Beach	BCAS3				1	100.00%	1.00	
	BCAS4		INF_H/B					
Hill	BCAS1				1	100.00%	1.00	
	BCAS2		INF_H/B					
Airport	PCAS8		INF_A/P		2	100.00%	2.00	
			INF_P/P					
Seaport	BCAS14		INF_A/B		2	100.00%	2.00	
Bridge	PCAS5			ENG	1	68.75%	1.00	
							7.00	
							93.75%	1.40

Sum Avg

N Beach

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	1	1	0	0	10	2	2	10	1	0
CAS	2	2	6	0	0	20	16	0	2	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =	3	6	0	0	10	22	18	10	3	0
Required Power, R _i =	0	0	0	0	10	14	12	0	0	0
Adjusted r _i =	na	na	na	na	10	14	12	na	na	na
r/R _i =	0	0	0	0	1	1	1	0	0	0
[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =	3									
(1/n) Σ [r/R _i] ² =	1									

Nonzeros, n = 3

Hill

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	1	1	0	0	10	2	2	10	1	0
CAS	2	2	6	0	0	20	16	0	2	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =	3	6	0	0	10	22	18	10	3	0
Required Power, R _i =	0	0	0	0	10	14	12	0	0	0
Adjusted r _i =	na	na	na	na	10	14	12	na	na	na
r/R _i =	0	0	0	0	1	1	1	0	0	0
[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =	3									
(1/n) Σ [r/R _i] ² =	1									

Nonzeros, n = 3

Airport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =	3	3	0	0	20	14	12	20	3	0
Required Power, R _i =	0	0	0	0	20	10	4	0	0	0
Adjusted r _i =	na	na	na	na	20	10	4	na	na	na
r/R _i =	0	0	0	0	1	1	1	0	0	0
[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =	3									
(1/n) Σ [r/R _i] ² =	1									

Nonzeros, n = 3

Seaport

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	2	2	0	0	20	4	4	20	2	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	0	0	0	0	0	0	0	0	0	0
ForceTotal, r =	3	3	0	0	20	14	12	20	3	0
Required Power, R _i =	0	0	0	0	20	10	4	0	0	0
Adjusted r _i =	na	na	na	na	20	10	4	na	na	na
r/R _i =	0	0	0	0	1	1	1	0	0	0
[r/R _i] ² =	0	0	0	0	1	1	1	0	0	0
Σ [r/R _i] ² =	3									
(1/n) Σ [r/R _i] ² =	1									

Nonzeros, n = 3

Bridge

Unit	Qty	AAW Px	ASUW Px	ASW Px	GASLT Px	FIRES Px	ARMR Px	HOLD Px	MINE Px	MED Px
INF	0	0	0	0	0	0	0	0	0	0
CAS	1	1	3	0	0	10	8	0	1	0
DDG	0	0	0	0	0	0	0	0	0	0
ENG	1	0	0	0	2	0	0	2	5	0
ForceTotal, r =	1	3	0	0	2	10	8	2	6	0
Required Power, R _i =	0	0	0	0	8	6	0	0	4	0
Adjusted r _i =	na	na	na	na	2	6	na	na	4	na
r/R _i =	0	0	0	0	0.25	1	0	0	1	0
[r/R _i] ² =	0	0	0	0	0.0625	1	0	0	1	0
Σ [r/R _i] ² =	2.0625									
(1/n) Σ [r/R _i] ² =	0.6875									

Nonzeros, n = 3

APPENDIX F – TWO SETS OF SAMPLE DATA FROM A FOUR- AND A SIX-NODE RUN

A. FOUR-NODE RUN

1. Spot Report Log File from 2-23-99_J41J43_V1

2-23-99_J41J43_V1..... SPOT REPORT LOG FILE:
PRINTED BY:

;OBJECT DETECT;SOF;32SPG726000;060800ZJAN99;MANCON_1;HAVE DETECTED STRUCTURE
AT 32SPG727000;
PRINTED BY: mds007

;OBJECT DETECT;SOF;32SPG726000;060800ZJAN99;MANCON_1;HAVE DETECTED BRIDGE [%
0 DAMAGED] AT 32SPF738992;
PRINTED BY: mds007

;OBJECT DETECT;SOF;32SPG726000;060800ZJAN99;MANCON_1;HAVE DETECTED BRIDGE [%
0 DAMAGED] AT 32SPG740005;
PRINTED BY: mds007

;OBJECT DETECT;SOF;32SPG726000;060800ZJAN99;MANCON_1;HAVE DETECTED RIVER AT
32SPF738996;
PRINTED BY: mds007

;AIR RTE POINT;H1;32SQG099006;060801ZJAN99;MANCON_2;CRUISE MISSILE HAS REACHED
ATTACK POINT
PRINTED BY: mds007

;ASSESSMENT REPORT;FFG;AIR_TO_SURFACE;32SQG099007;060801ZJAN99;MANCON_2;

NO ASSESSMENT; Msn# H1

PRINTED BY: mds007

;AIR MSN LAUNCH;SOFFCAS1;32SPG901122;060801ZJAN99;MANCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;FCAS1;32SPG901122;060801ZJAN99;MANCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;GCAP1;32SPG901122;060801ZJAN99;MANCON_2;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;AA86;32SPF625617;060801ZJAN99;AGCON_1;AIR MISSION HAS LAUNCHED
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060801ZJAN99;MANCON_4;AIR TRACK J (AA86)
DETECTED AT 32SPF658621; TRACK IS SUSPECT
PRINTED BY: mds007

;AIR MSN ILLUMINATED;AA86;32SPF658621;060801ZJAN99;AGCON_1;AIR MISSION
ILLUMINATED BY NON-SAME SIDE RADAR
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060801ZJAN99;MANCON_4;AIR TRACK K (GCAP1)
DETECTED AT 32SPG864122; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060801ZJAN99;MANCON_4;AIR TRACK L (FCAS1)
DETECTED AT 32SPG934140; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060801ZJAN99;MANCON_4;AIR TRACK M (SOFFCAS1)
DETECTED AT 32SPG968160; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR MSN LAUNCH;GCAP2;32SPG901122;060801ZJAN99;MANCON_2;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;FCAS2;32SPG901122;060801ZJAN99;MANCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS1;32SPG901122;060802ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;SOFFCAS1;32SQG025193;060802ZJAN99;MANCON_1;AIR MISSION HAS
REACHED ORBIT POINT
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS2;32SPG901122;060802ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK N (BCAS2)
DETECTED AT 32SPG914087; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK O (BCAS1)
DETECTED AT 32SPG914087; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK P (FCAS2)
DETECTED AT 32SPG935138; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK Q (GCAP2)
DETECTED AT 32SPG827123; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS3;32SPG901122;060802ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;PCAS1;32SPG901122;060802ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;SHIP MOVE;PB1;32SPG682134;060802ZJAN99;AGCON_1;HAVE COMMENCED MOVEMENT
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS4;32SPG901122;060802ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS5;32SPG901122;060802ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;PCAS2;32SPG901122;060802ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;FCAS3;32SPG901122;060802ZJAN99;MANCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;FCAS1;32SQG025193;060802ZJAN99;MANCON_1;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS6;32SPG901122;060802ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;PCAS3;32SPG901122;060802ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;GCAP3;32SPG901122;060802ZJAN99;MANCON_2;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;FCAS4;32SPG901122;060802ZJAN99;MANCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;FCAS5;32SPG901122;060802ZJAN99;MANCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;GCAP4;32SPG901122;060802ZJAN99;MANCON_2;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;PCAS4;32SPG901122;060802ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK R (PCAS4)
DETECTED AT 32SPG887088; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK S (GCAP4)
DETECTED AT 32SPG864122; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK T (FCAS5)
DETECTED AT 32SPG935138; TRACK IS FRIENDLY

PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK U (FCAS4)
DETECTED AT 32SPG935138; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK V (GCAP3)
DETECTED AT 32SPG864122; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK W (PCAS3)
DETECTED AT 32SPG872054; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK X (BCAS6)
DETECTED AT 32SPG926052; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK Y (FCAS3)
DETECTED AT 32SPG968154; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK Z (PCAS2)
DETECTED AT 32SPG872054; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK AA (BCAS5)
DETECTED AT 32SPG926052; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK AB (BCAS4)
DETECTED AT 32SPG926052; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK AC (PCAS1)
DETECTED AT 32SPG871051; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;AIR TRACK AD (BCAS3)
DETECTED AT 32SPG927049; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060802ZJAN99;MANCON_4;SURFACE TRACK AE (PB1)
DETECTED AT 32SPG682134; TRACK IS HOSTILE
PRINTED BY: mds007

;AIR MSN LAUNCH;PCAS5;32SPG901122;060802ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;GCAP5;32SPG901122;060802ZJAN99;MANCON_2;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;PCAS6;32SPG901122;060802ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;BCAS1;32SPG817049;060803ZJAN99;MANCON_3;AIR MISSION HAS REACHED
ATTACK POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_BLUE;AIR_TO_SURFACE;31NAA661000;060803ZJAN99;MANCON_3;BCAS1;

CE PRODUCT NORTH RD; No damage assessed.
PRINTED BY: mds007

;ASSESSMENT
REPORT;INF_A/B;AIR_TO_SURFACE;31NAA661000;060803ZJAN99;MANCON_3;BCAS1;

CE PRODUCT NORTH RD; No damage assessed.
PRINTED BY: mds007

;AIR RTE POINT;GCAP2;32SPG680125;060803ZJAN99;MANCON_2;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;GCAP1;32SPG663123;060803ZJAN99;MANCON_2;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060803ZJAN99;MANCON_4;AIR TRACK AF (PCAS6)
DETECTED AT 32SPG872054; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060803ZJAN99;MANCON_4;AIR TRACK AG (GCAP5)
DETECTED AT 32SPG827123; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060803ZJAN99;MANCON_4;AIR TRACK AH (PCAS5)
DETECTED AT 32SPG871051; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR RTE POINT;PCAS1;32SPF828955;060803ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS REACHED ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;FCAS2;32SQG080209;060803ZJAN99;MANCON_1;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;BCAS5;32SPF959958;060803ZJAN99;MANCON_3;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;PCAS2;32SPF828955;060803ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS REACHED ORBIT POINT
PRINTED BY: mds007

;AIR MSN LAUNCH;FCAS6;32SPG901122;060803ZJAN99;MANCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;BCAS6;32SPF959958;060803ZJAN99;MANCON_3;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;PCAS3;32SPF828955;060803ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS REACHED ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;PCAS1;32SPF841930;060803ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS REACHED ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;HILLIFY;32SPF841931;060803ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_PURPLE;AIR_TO_SURFACE;31NAA661000;060803ZJAN99;MANCON_4;PCAS1;

CE_PRODUCT NOR BCH; No damage assessed.

CE_PRODUCT NORTH RD; No damage assessed.
PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;31NAA661000;060803ZJAN99;MANCON_1;PCAS1;

CE_PRODUCT NOR BCH; No damage assessed.

CE_PRODUCT NORTH RD; No damage assessed.
PRINTED BY: mds007

;AIR MSN LAUNCH;FCAS7;32SPG901122;060803ZJAN99;MANCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;PCAS2;32SPF841930;060803ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS REACHED ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;HILLIFY;32SPF841931;060803ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_PURPLE;AIR_TO_SURFACE;31NAA661000;060803ZJAN99;MANCON_4;PCAS2;

CE_PRODUCT NOR BCH; No damage assessed.

CE_PRODUCT NORTH RD; No damage assessed.
PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;31NAA661000;060803ZJAN99;MANCON_1;PCAS2;

CE_PRODUCT NOR BCH; No damage assessed.

CE_PRODUCT NORTH RD; No damage assessed.
PRINTED BY: mds007

;AIR RTE POINT;FCAS3;32SQG080209;060803ZJAN99;MANCON_1;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR MSN LAUNCH;FCAS8;32SPG901122;060803ZJAN99;MANCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;PCAS4;32SPF828955;060803ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS REACHED ORBIT POINT
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060803ZJAN99;MANCON_4;AIR TRACK AI (FCAS8)
DETECTED AT 32SPG935138; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060803ZJAN99;MANCON_4;AIR TRACK AJ (FCAS7)
DETECTED AT 32SPG935138; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060803ZJAN99;MANCON_4;AIR TRACK AK (FCAS6)
DETECTED AT 32SPG968154; TRACK IS FRIENDLY
PRINTED BY: mds007

;UNIT MOVE ;LDVEH1;32SPG729015;060803ZJAN99;AGCON_1;COMMENCING MOVEMENT at
060803ZJAN99
PRINTED BY: mds007

;AIR RTE POINT;BCAS3;32SPF849934;060803ZJAN99;MANCON_3;AIR MISSION HAS REACHED
ATTACK POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_BLUE;AIR_TO_SURFACE;31NAA661000;060803ZJAN99;MANCON_3;BCAS3;

CE_PRODUCT NOR BCH; No damage assessed.

CE_PRODUCT NORTH RD; No damage assessed.
PRINTED BY: mds007

;ASSESSMENT
REPORT;INF_A/B;AIR_TO_SURFACE;31NAA661000;060803ZJAN99;MANCON_3;BCAS3;

CE_PRODUCT NOR BCH; No damage assessed.

CE_PRODUCT NORTH RD; No damage assessed.
PRINTED BY: mds007

;AIR RTE POINT;GCAP3;32SPG697125;060803ZJAN99;MANCON_2;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR MSN LAUNCH;FCAS9;32SPG901122;060803ZJAN99;MANCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;BCAS4;32SPF858902;060803ZJAN99;MANCON_3;AIR MISSION HAS REACHED
ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;INF_A/B;32SPF858901;060803ZJAN99;MANCON_3; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_BLUE;AIR_TO_SURFACE;31NAA661000;060803ZJAN99;MANCON_3;BCAS4;

CE_PRODUCT SOUTH BCH; No damage assessed.

CE_PRODUCT SOUTH RD; No damage assessed.

TROOPS 21 WIA, 3 KIA

PRINTED BY: mds007

;ASSESSMENT

REPORT;INF_A/B;AIR_TO_SURFACE;31NAA661000;060803ZJAN99;MANCON_3;BCAS4;

CE_PRODUCT SOUTH BCH; No damage assessed.

CE_PRODUCT SOUTH RD; No damage assessed.

TROOPS 21 WIA, 3 KIA

PRINTED BY: mds007

;AIR RTE POINT;FCAS4;32SQG080209;060803ZJAN99;MANCON_1;AIR MISSION HAS REACHED ORBIT POINT

PRINTED BY: mds007

;AIR RTE POINT;PCAS5;32SPF828955;060803ZJAN99;MANCON_4,MANCON_1;AIR MISSION HAS REACHED ORBIT POINT

PRINTED BY: mds007

;AIR RTE POINT;GCAP5;32SPG727125;060803ZJAN99;MANCON_2;AIR MISSION HAS REACHED ORBIT POINT

PRINTED BY: mds007

;AIR RTE POINT;FCAS5;32SQG080209;060803ZJAN99;MANCON_1;AIR MISSION HAS REACHED ORBIT POINT

PRINTED BY: mds007

;AIR RTE POINT;PCAS6;32SPF828955;060803ZJAN99;MANCON_4,MANCON_1;AIR MISSION HAS REACHED ORBIT POINT

PRINTED BY: mds007

;AIR RTE POINT;GCAP4;32SPG712126;060803ZJAN99;MANCON_2;AIR MISSION HAS REACHED ORBIT POINT

PRINTED BY: mds007

;VISUAL DETECT;HILLIFY;32SPF841931;060803ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF843905, TRACK 2

, ID=INF H/B TROOPS 182;

PRINTED BY: mds007

;VISUAL DETECT;HILLIFY;32SPF841931;060803ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF858902, TRACK 3

, ID=INF A/B

PRINTED BY: mds007

;OBJECT DETECT;LDVEH1;32SPG731012;060803ZJAN99;AGCON_1;HAVE DETECTED BRIDGE [% 0 DAMAGED] AT 32SPF738992;

PRINTED BY: mds007

;OBJECT DETECT;LDVEH1;32SPG731012;060803ZJAN99;AGCON_1;HAVE DETECTED BRIDGE [% 0 DAMAGED] AT 32SPG740005;

PRINTED BY: mds007

;OBJECT DETECT;LDVEH1;32SPG731012;060803ZJAN99;AGCON_1;HAVE DETECTED RIVER AT
32SPG742007;
PRINTED BY: mds007

;OBJECT DETECT;LDVEH1;32SPG731012;060803ZJAN99;AGCON_1;HAVE DETECTED STRUCTURE
AT 32SPG727000;
PRINTED BY: mds007

;VISUAL DETECT;SOF;32SPG726000;060803ZJAN99;MANCON_1;HAVE DETECTED COMPANY
SIZED LIGHT_ARMOR UNIT AT 32SPG731010, TRACK 2

, ID=LDVEH1 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13;
PRINTED BY: mds007

;OBJECT DETECT;INF_H/B;32SPF843902;060803ZJAN99;MANCON_3;HAVE DETECTED
MOUNTAIN AT 32SPF849926;
PRINTED BY: mds007

;VISUAL DETECT;INF_H/B;32SPF843902;060803ZJAN99;MANCON_3;HAVE DETECTED SECTION
SIZED INFANTRY UNIT AT 32SPF842928, TRACK 2

, ID=HILLIFY HMMWV-.50CAL-MG 1; HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT;INF_A/B;32SPF858901;060803ZJAN99;MANCON_3;HAVE DETECTED SECTION
SIZED INFANTRY UNIT AT 32SPF842929, TRACK 2

, ID=HILLIFY HMMWV-.50CAL-MG 1; HMMWV-40MM-MG 1;
PRINTED BY: mds007

;AIR RTE POINT;BCAS1;32SPG901122;060803ZJAN99;MANCON_3;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;BCAS1;32SPG901122;060803ZJAN99;MANCON_3;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060804ZJAN99;MANCON_4;AIR TRACK AL (FCAS9)
DETECTED AT 32SPG970155; TRACK IS FRIENDLY
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;SOF;32SPG726000;060804ZJAN99;MANCON_1;HAS ASSUMED
WITHDRAW MISSION DUE TO CPR (0.02048<=0.17000)
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/B;32SPF843902;060804ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH HILLIFY
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A/B;32SPF858901;060804ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH HILLIFY
PRINTED BY: mds007

;UNIT MOVE ;SOF;32SPG726000;060804ZJAN99;MANCON_1;COMMENCING MOVEMENT at
060804ZJAN99
PRINTED BY: mds007

;SHIP MOVE;SUB1;32SQG110095;060804ZJAN99;AGCON_1;HAVE COMMENCED MOVEMENT
PRINTED BY: mds007

;UNIT DESTINATION ;LDVEH1;32SPG738006;060804ZJAN99;AGCON_1;HAVE REACHED
ASSIGNED DESTINATION
PRINTED BY: mds007

;AIR RTE POINT;FCAS6;32SQG080209;060804ZJAN99;MANCON_1;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;BCAS2;32SPF728830;060804ZJAN99;MANCON_3;AIR MISSION HAS REACHED
ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;AGAIR;32SPF728830;060804ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;STATUS CHANGE;AGSUP;32SPF728830;060804ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_BLUE;AIR_TO_SURFACE;32SPF728830;060804ZJAN99;MANCON_3;BCAS2;

UNIT AGSUP; TROOPS 8 WIA,

UNIT AGAIR; TROOPS 8 WIA, 3 KIA
PRINTED BY: mds007

;ASSESSMENT
REPORT;INF_A/B;AIR_TO_SURFACE;32SPF728830;060804ZJAN99;MANCON_3;BCAS2;

UNIT AGSUP; TROOPS 8 WIA,

UNIT AGAIR; TROOPS 8 WIA, 3 KIA
PRINTED BY: mds007

;ASSESSMENT
REPORT;AGSUP;AIR_TO_SURFACE;32SPF728830;060804ZJAN99;AGCON_1;BCAS2;

UNIT AGSUP; TROOPS 8 WIA,
PRINTED BY: mds007

;ASSESSMENT
REPORT;AGAIR;AIR_TO_SURFACE;32SPF728830;060804ZJAN99;AGCON_1;BCAS2;

UNIT AGAIR; TROOPS 8 WIA, 3 KIA
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060804ZJAN99;MANCON_4;SURFACE TRACK AM (SUB1)
DETECTED AT 32SQG110095; TRACK IS HOSTILE
PRINTED BY: mds007

;VISUAL DETECT;HILLIFY;32SPF841931;060804ZJAN99;AGCON_1;HAVE DETECTED A SHIP
AT 32SPF854927, TRACK 4

, ID=AAAV/P AAV 1;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;HILLIFY;32SPF841931;060804ZJAN99;AGCON_1;DETECTION AT
32SPF839902 IS A COMPANY SIZED INFANTRY UNIT, TRACK 3

, ID=INF A/B TROOPS 168;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;SOF;32SPF726999;060804ZJAN99;MANCON_1;DETECTION AT
32SPG737005 IS A COMPANY SIZED LIGHT_ARMOR UNIT, TRACK 2

, ID=LDVEH1 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;INF A/B;32SPF838900;060804ZJAN99;MANCON_3;DETECTION AT
32SPF841928 IS A SECTION SIZED INFANTRY UNIT, TRACK 2

, ID=HILLIFY HMMWV-.50CAL-MG 1; HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;AIR RTE POINT;FCAS7;32SQG080209;060804ZJAN99;MANCON_1;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR MSN LAUNCH;BOGEY1;32SPF602645;060804ZJAN99;AGCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;FCAS8;32SQG080209;060804ZJAN99;MANCON_1;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;PCAS1;32SPG901122;060804ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;PCAS1;32SPG901122;060804ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED:
0
PRINTED BY: mds007

;AIR RTE POINT;FCAS9;32SQG080209;060804ZJAN99;MANCON_1;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;PCAS2;32SPG901122;060804ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;PCAS2;32SPG901122;060804ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED:
0
PRINTED BY: mds007

;AIR RTE POINT;BCAS3;32SPG901122;060804ZJAN99;MANCON_3;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;BCAS3;32SPG901122;060804ZJAN99;MANCON_3;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR MSN LAUNCH;ASW;32SQG110095;060805ZJAN99;MANCON_2;CRUISE MISSILE HAS
LAUNCHED
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060805ZJAN99;MANCON_4;AIR TRACK AN (ASW)
DETECTED AT 32SQG063063; TRACK IS FRIENDLY
PRINTED BY: mds007

;VISUAL DETECT;HILLIFY;32SPF841931;060805ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF846924, TRACK 5

, ID=INF A/P TROOPS 182; SMAW 6;
PRINTED BY: mds007

;OBJECT DETECT;FROG1;32SPF816937;060805ZJAN99;MANCON_2;HAVE DETECTED MOUNTAIN
AT 32SPF836930;
PRINTED BY: mds007

;VISUAL DETECT;FROG1;32SPF816937;060805ZJAN99;MANCON_2;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF846923, TRACK 2

, ID=INF A/P
PRINTED BY: mds007

;VISUAL DETECT;FROG1;32SPF816937;060805ZJAN99;MANCON_2;HAVE DETECTED A SHIP AT
32SPF854927, TRACK 3

, ID=AAAV/P
PRINTED BY: mds007

;OBJECT DETECT;INF A/P;32SPF847923;060805ZJAN99;MANCON_4;HAVE DETECTED
MOUNTAIN AT 32SPF849927;
PRINTED BY: mds007

;VISUAL DETECT;INF A/P;32SPF847923;060805ZJAN99;MANCON_4;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF818937, TRACK 2

, ID=FROG1 FROG-7-SSM 1;
PRINTED BY: mds007

;VISUAL DETECT;INF A/P;32SPF847923;060805ZJAN99;MANCON_4;HAVE DETECTED SECTION
SIZED INFANTRY UNIT AT 32SPF843929, TRACK 3

, ID=HILLIFY HMMWV-.50CAL-MG 1; HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060805ZJAN99;AGCON_1;DETECTION AT
32SPF836877 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=INF A/B TROOPS 168;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF726999;060805ZJAN99;MANCON_1;DETECTION AT
32SPG924101 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=LDVEH1 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF A/B;32SPF808888;060805ZJAN99;MANCON_3;DETECTION AT
32SPF814941 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=HILLIFY HMMWV-.50CAL-MG 1; HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;AIR RTE POINT;BCAS4;32SPG901122;060805ZJAN99;MANCON_3;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;BCAS4;32SPG901122;060805ZJAN99;MANCON_3;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR RTE POINT;ASW;32SQG097097;060805ZJAN99;MANCON_2;CRUISE MISSILE HAS
REACHED ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;SUB1;32SQG097097;060805ZJAN99;AGCON_1; UNDER AIR ATTACK
PRINTED BY: mds007

;ASSESSMENT REPORT;FFG;AIR_TO_SURFACE;32SQG097097;060805ZJAN99;MANCON_2;

NO ASSESSMENT; Msn# ASW

PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060806ZJAN99;MANCON_4;AIR TRACK AO (BOGEY1)
DETECTED AT 32SPF769737; TRACK IS HOSTILE
PRINTED BY: mds007

;AIR MSN ILLUMINATED;BOGEY1;32SPF769737;060806ZJAN99;AGCON_1;AIR MISSION
ILLUMINATED BY NON-SAME SIDE RADAR
PRINTED BY: mds007

;VISUAL DETECT;TANK1;32SPF761891;060806ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED ENGINEER UNIT AT 32SPF799887, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;
PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPF801887;060806ZJAN99;MANCON_1;HAVE DETECTED COMPANY
SIZED TANK UNIT AT 32SPF764890, TRACK 2

, ID=TANK1 HMMWV-TOW 8; M1A1 14;
PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060806ZJAN99;AGCON_1;DETECTION AT
32SPF845887 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=INF H/B TROOPS 182;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;HILLIFY;32SPF841931;060806ZJAN99;AGCON_1;IS ENGAGED
BY INF H/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;HILLIFY;32SPF841931;060806ZJAN99;AGCON_1;IS ENGAGED
BY INF A/B
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;HILLIFY;32SPF841931;060806ZJAN99;AGCON_1;HAS ASSUMED
WITHDRAW MISSION DUE TO CPR (0.01604<=0.17000)
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060806ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_H/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/B;32SPF822892;060806ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT, NO LOS WITH HILLIFY
PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 1;32SPF841931;060806ZJAN99;AGCON_1,MANCON_3;
NO ASSESSMENT;
PRINTED BY: mds007

;UNIT BARRIER STATUS;HILLIFY;32SPF841931;060806ZJAN99;AGCON_1;WITHIN BARRIER
MOUNTAIN NAMED HILL
PRINTED BY: mds007

;UNIT MOVE ;HILLIFY;32SPF841931;060806ZJAN99;AGCON_1;COMMENCING MOVEMENT at
060806ZJAN99
PRINTED BY: mds007

;UNIT MOVE ;HILLIFY;32SPF841931;060806ZJAN99;AGCON_1;BARRIER IMPASSABLE UNIT
HALTED, AWAITING ORDERS
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060806ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_A/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A/B;32SPF808888;060806ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT, NO LOS WITH HILLIFY
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060806ZJAN99;AGCON_1;HAS
INITIATED ENGAGEMENT WITH INF_A/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A/P;32SPF847923;060806ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH HILLIFY
PRINTED BY: mds007

;AIR RTE POINT;PCAS3;32SPF841930;060806ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS REACHED ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;HILLIFY;32SPF841931;060806ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_PURPLE;AIR_TO_SURFACE;31NAA661000;060806ZJAN99;MANCON_4;PCAS3;

CE_PRODUCT NOR BCH; No damage assessed.

CE_PRODUCT NORTH RD; No damage assessed.

HMMWV-.50CAL-MG 1 M_KILLED,

PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;31NAA661000;060806ZJAN99;MANCON_1;PCAS3;

CE_PRODUCT NOR BCH; No damage assessed.

CE_PRODUCT NORTH RD; No damage assessed.

HMMWV-.50CAL-MG .1 M_KILLED,

PRINTED BY: mds007

;AIR MSN LAUNCH;ASW1;32SQG084099;060806ZJAN99;MANCON_2;CRUISE MISSILE HAS LAUNCHED

PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060806ZJAN99;MANCON_4;AIR TRACK AP (ASW1) DETECTED AT 32SQG057070; TRACK IS FRIENDLY

PRINTED BY: mds007

;AIR RTE POINT;BCAS5;32SPF816936;060806ZJAN99;MANCON_3;AIR MISSION HAS REACHED ATTACK POINT

PRINTED BY: mds007

;STATUS CHANGE;FROG1;32SPF816937;060806ZJAN99;MANCON_2; RECEIVING AIR-TO-SURFACE FIRE

PRINTED BY: mds007

;ASSESSMENT REPORT;VF_BLUE;AIR_TO_SURFACE;31NAA661000;060806ZJAN99;MANCON_3;BCAS5;

CE_PRODUCT NORTH RD; No damage assessed.

FROG-7-SSM 1 M_KILLED,

PRINTED BY: mds007

;ASSESSMENT REPORT;INF_A/B;AIR_TO_SURFACE;31NAA661000;060806ZJAN99;MANCON_3;BCAS5;

CE_PRODUCT NORTH RD; No damage assessed.

FROG-7-SSM 1 M_KILLED,

PRINTED BY: mds007

;AIR RTE POINT;BCAS2;32SPG901122;060806ZJAN99;MANCON_3;AIR MISSION HAS REACHED FINAL LAND POINT

PRINTED BY: mds007

;AIRCRAFT STAT;BCAS2;32SPG901122;060806ZJAN99;MANCON_3;AIR MISSION HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0

PRINTED BY: mds007

;VISUAL DETECT;SOF;32SPF726998;060806ZJAN99;MANCON_1;HAVE DETECTED COMPANY
SIZED LIGHT_ARMOR UNIT AT 32SPF726981, TRACK 3

, ID=LDVEH2 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS7;32SPG901122;060806ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;ASW1;32SQG084099;060806ZJAN99;MANCON_2;CRUISE MISSILE HAS
REACHED ATTACK POINT
PRINTED BY: mds007

;ASSESSMENT REPORT;FFG;AIR_TO_SURFACE;32SQG084099;060806ZJAN99;MANCON_2;
NO ASSESSMENT; Msn# ASW1

PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060807ZJAN99;MANCON_4;AIR TRACK AQ (BCAS7)
DETECTED AT 32SPG915084; TRACK IS FRIENDLY
PRINTED BY: mds007

;ASSESSMENT REPORT;CG;SURFACE_TO_AIR;32SPF797882;060807ZJAN99;MANCON_2;CG;
AIR MSN BOGEY1; SU-24-FENCER 2 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;BOGEY1;SURFACE_TO_AIR;32SPF797882;060807ZJAN99;AGCON_1;CG;
UNIT AGAIR1; SU-24-FENCER 2 K_KILLED,
PRINTED BY: mds007

;AD ENGAGE END;CG;32SQF128935;060807ZJAN99;MANCON_2;TERMINATING ENGAGEMENT
WITH TARGET (BOGEY1); ENEMY DESTROYED
PRINTED BY: mds007

;AIR MSN CANX;BOGEY1;32SPF797882;060807ZJAN99;AGCON_1;AIR MISSION CANCELED DUE
TO LOSS OF AIRCRAFT
PRINTED BY: mds007

;AIRCRAFT STAT;BOGEY1;32SPF797882;060807ZJAN99;AGCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 0; NON MISSION CAPABLE: 0; DESTROYED: 2
PRINTED BY: mds007

;AIR RTE POINT;BCAS6;32SPF761891;060807ZJAN99;MANCON_3;AIR MISSION HAS REACHED
ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;TANK1;32SPF761891;060807ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_BLUE;AIR_TO_SURFACE;31NAA661000;060807ZJAN99;MANCON_3;BCAS6;

CE_PRODUCT SOUTH RD; No damage assessed.

TROOPS 6 WIA, 2 KIA

MIA1 1 K_KILLED, 1 M_KILLED, 1 F_KILLED

HMMWV-TOW 1 M_KILLED,
PRINTED BY: mds007

;ASSESSMENT
REPORT;INF_A/B;AIR_TO_SURFACE;31NAA661000;060807ZJAN99;MANCON_3;BCAS6;

CE_PRODUCT SOUTH RD; No damage assessed.

TROOPS 6 WIA, 2 KIA

MIA1 1 K_KILLED, 1 M_KILLED, 1 F_KILLED

HMMWV-TOW 1 M_KILLED,
PRINTED BY: mds007

;AIR RTE POINT;FCAS1;32SPG901122;060807ZJAN99;MANCON_1;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;FCAS1;32SPG901122;060807ZJAN99;MANCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;VISUAL DETECT;FROG2;32SPF824905;060807ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF846921, TRACK 2

, ID=INF A/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT;FROG2;32SPF824905;060807ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED ENGINEER UNIT AT 32SPF802887, TRACK 3

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT;FROG2;32SPF824905;060807ZJAN99;AGCON_1;HAVE DETECTED A SHIP AT
32SPF854926, TRACK 4

, ID=AAAV/P AAV 1;
PRINTED BY: mds007

;VISUAL DETECT;FROG2;32SPF824905;060807ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF823894, TRACK 5

, ID=INF H/B TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT;FROG2;32SPF824905;060807ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF810889, TRACK 6

, ID=INF A/B TROOPS 168;
PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPF801887;060807ZJAN99;MANCON_1;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF824904, TRACK 3

, ID=FROG2 FROG-7-SSM 1; TROOPS 4;

PRINTED BY: mds007

;VISUAL DETECT;INF_H/B;32SPF822892;060807ZJAN99;MANCON_3;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF824902, TRACK 3

, ID=FROG2 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT;INF_A/B;32SPF808888;060807ZJAN99;MANCON_3;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF823903, TRACK 3

, ID=FROG2 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT;INF_A/P;32SPF847923;060807ZJAN99;MANCON_4;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF826906, TRACK 4

, ID=FROG2 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;AIR MSN LAUNCH;UA18;32SPF625617;060807ZJAN99;AGCON_1;AIR MISSION HAS LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS8;32SPG901122;060807ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS9;32SPG901122;060807ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS10;32SPG901122;060807ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;PCAS3;32SPF761891;060808ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS REACHED ATTACK POINT
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060808ZJAN99;MANCON_4;AIR TRACK AR (BCAS10)
DETECTED AT 32SPG914087; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060808ZJAN99;MANCON_4;AIR TRACK AS (BCAS9)
DETECTED AT 32SPG926052; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060808ZJAN99;MANCON_4;AIR TRACK AT (BCAS8)
DETECTED AT 32SPG898053; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060808ZJAN99;MANCON_4;AIR TRACK AU (UA18)
DETECTED AT 32SPF611680; TRACK IS SUSPECT
PRINTED BY: mds007

;AIR MSN ILLUMINATED;UA18;32SPF611680;060808ZJAN99;AGCON_1;AIR MISSION
ILLUMINATED BY NON-SAME SIDE RADAR
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;FROG2;32SPF824905;060808ZJAN99;AGCON_1;HAS ASSUMED
WITHDRAW MISSION DUE TO CPR (0.00000<=0.17000)

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF H/B;32SPF822892;060808ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH FROG2

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF A/B;32SPF808888;060808ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH FROG2

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF A/P;32SPF847923;060808ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH FROG2

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;FROG2;32SPF824905;060808ZJAN99;AGCON_1;IS ENGAGED BY
INF H/B

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;FROG2;32SPF824905;060808ZJAN99;AGCON_1;IS ENGAGED BY
INF A/B

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;FROG2;32SPF824905;060808ZJAN99;AGCON_1;IS ENGAGED BY
INF A/P

PRINTED BY: mds007

;UNIT CASUALTY LIMIT ;FROG2;32SPF824905;060808ZJAN99;AGCON_1;HAS REACHED
EFFECTIVE CASUALTY LIMIT

PRINTED BY: mds007

;UNIT MOVE ;FROG2;32SPF824905;060808ZJAN99;AGCON_1;COMMENCING MOVEMENT at
060808ZJAN99

PRINTED BY: mds007

;REPORT; GROUND ENGAGEMENT
2;32SPF808888;060808ZJAN99;MANCON_4,AGCON_1,MANCON_3;

Initial engagement times:

INF_A/P; 060806ZJAN99

HILLIFY; 060806ZJAN99

FROG2; 060808ZJAN99

INF_H/B; 060808ZJAN99

INF_A/B; 060808ZJAN99

Cumulative losses:

CE_PRODUCT SOUTH RD; No damage assessed.

TROOPS 3 WIA,

TROOPS 2 WIA,

CE_PRODUCT NOR BCH; No damage assessed.

CE_PRODUCT NORTH RD; No damage assessed.

Incremental losses (increases since the last report)

TROOPS 2 WIA,

TROOPS 3 WIA,

PRINTED BY: mds007

;AIR RTE POINT;BCAS5;32SPG901122;060808ZJAN99;MANCON_3;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;BCAS5;32SPG901122;060808ZJAN99;MANCON_3;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;VISUAL DETECT;HILLIFY;32SPF841931;060808ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF842931, TRACK 6

, ID=INF H/P TROOPS 182; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT;SILK1;32SPF828968;060808ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF843934, TRACK 2

, ID=INF H/P
PRINTED BY: mds007

;VISUAL DETECT;FROG1;32SPF816937;060808ZJAN99;MANCON_2;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF842933, TRACK 4

, ID=INF H/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT;FROG2;32SPF825905;060808ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF842931, TRACK 7

, ID=INF H/P
PRINTED BY: mds007

;VISUAL DETECT;TANK1;32SPF761891;060808ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF776883, TRACK 3

, ID=INF H/B TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT;TANK1;32SPF761891;060808ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF781881, TRACK 4

, ID=INF A/B TROOPS 168;
PRINTED BY: mds007

;VISUAL DETECT;INF H/B;32SPF778883;060808ZJAN99;MANCON_3;HAVE DETECTED COMPANY
SIZED TANK UNIT AT 32SPF764890, TRACK 4

, ID=TANK1 HMMWV-TOW 8; M1A1 13; TROOPS 7;
PRINTED BY: mds007

;VISUAL DETECT;INF_A/B;32SPF783881;060808ZJAN99;MANCON_3;HAVE DETECTED COMPANY SIZED TANK UNIT AT 32SPF764890, TRACK 4

, ID=TANK1 HMMWV-TOW 8; M1A1 13; TROOPS 7;
PRINTED BY: mds007

;VISUAL DETECT;INF_H/P;32SPF843933;060808ZJAN99;MANCON_4;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPF826906, TRACK 2

, ID=FROG2 FROG-7-SSM 1;
PRINTED BY: mds007

;VISUAL DETECT;INF_H/P;32SPF843933;060808ZJAN99;MANCON_4;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPF818937, TRACK 3

, ID=FROG1 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT;INF_H/P;32SPF843933;060808ZJAN99;MANCON_4;HAVE DETECTED SECTION SIZED INFANTRY UNIT AT 32SPF843932, TRACK 4

, ID=HILLIFY HMMWV-.50CAL-MG 1; HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT;INF_H/P;32SPF843933;060808ZJAN99;MANCON_4;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPF829966, TRACK 5

, ID=SILK1 D-20 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF H/B;32SPF778883;060808ZJAN99;MANCON_3;DETECTION AT 32SPF813954 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=HILLIFY HMMWV-.50CAL-MG 1; HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF825905;060808ZJAN99;AGCON_1;DETECTION AT 32SPF855927 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=AAAV/P AAV 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF825905;060808ZJAN99;AGCON_1;DETECTION AT 32SPF817854 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=INF H/B TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF825905;060808ZJAN99;AGCON_1;DETECTION AT 32SPF792870 HAS BEEN TEMPORARILY LOST, TRACK 6

, ID=INF A/B TROOPS 168;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF H/B;32SPF778883;060808ZJAN99;MANCON_3;DETECTION AT 32SPF786933 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=FROG2 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A/B;32SPF783881;060808ZJAN99;MANCON_3;DETECTION AT
32SPF816915 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=FROG2 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;AIR MSN LAUNCH;ASW2;32SQG058102;060808ZJAN99;MANCON_2;CRUISE MISSILE HAS
LAUNCHED
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060808ZJAN99;MANCON_4;AIR TRACK AV (ASW2)
DETECTED AT 32SQG047077; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR RTE POINT;BCAS7;32SPF761890;060808ZJAN99;MANCON_3;AIR MISSION HAS REACHED
ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;TANK1;32SPF761891;060808ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_BLUE;AIR_TO_SURFACE;31NAA661000;060808ZJAN99;MANCON_3;BCAS7;

CE_PRODUCT SOUTH RD; No damage assessed.

TROOPS 1 WIA, 1 KIA

HMMWV-TOW 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT
REPORT;INF_A/B;AIR_TO_SURFACE;31NAA661000;060808ZJAN99;MANCON_3;BCAS7;

CE_PRODUCT SOUTH RD; No damage assessed.

TROOPS 1 WIA, 1 KIA

HMMWV-TOW 1 K_KILLED,
PRINTED BY: mds007

;AIR RTE POINT;ASW2;32SQG058102;060808ZJAN99;MANCON_2;CRUISE MISSILE HAS
REACHED ATTACK POINT
PRINTED BY: mds007

;ASSESSMENT REPORT;FFG;AIR_TO_SURFACE;32SQG058102;060808ZJAN99;MANCON_2;ASW2;

UNIT SUB1; TROOPS 6 WIA, 3 KIA

UNIT SUB1; SUBMARINE 1 M_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;SUB1;AIR_TO_SURFACE;32SQG058102;060808ZJAN99;AGCON_1;ASW2;

UNIT SUB1; TROOPS 6 WIA, 3 KIA

UNIT SUB1; SUBMARINE 1 M_KILLED,
PRINTED BY: mds007

;AIR RTE POINT;BCAS9;32SPF959958;060808ZJAN99;MANCON_3;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;BCAS10;32SPF959958;060808ZJAN99;MANCON_3;AIR MISSION HAS
REACHED ORBIT POINT
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060809ZJAN99;AGCON_1;HAS
INITIATED ENGAGEMENT WITH INF_H/P
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;FROG2;32SPF825905;060809ZJAN99;AGCON_1;HAS ASSUMED
DEFENSIVE MISSION
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;FROG2;32SPF825905;060809ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_H/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/B;32SPF778883;060809ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT, NO LOS WITH FROG2
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;FROG2;32SPF825905;060809ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_A/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A/B;32SPF783881;060809ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT, NO LOS WITH FROG2
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/B;32SPF778883;060809ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH TANK1
PRINTED BY: mds007

;VISUAL DETECT;HILLIFY;32SPF841931;060809ZJAN99;AGCON_1;HAVE DETECTED SQUADRON
SIZED AVIATION UNIT AT 32SPF843929, TRACK 7

, ID=VMV_PURPLE MV-22 24; TROOPS 209;
PRINTED BY: mds007

;VISUAL DETECT;FROG1;32SPF816937;060809ZJAN99;MANCON_2;HAVE DETECTED SQUADRON
SIZED AVIATION UNIT AT 32SPF843929, TRACK 5

, ID=VMV_PURPLE MV-22 24; TROOPS 209;
PRINTED BY: mds007

;VISUAL DETECT;FROG1;32SPF816937;060809ZJAN99;MANCON_2;HAVE DETECTED COMPANY
SIZED ENGINEER UNIT AT 32SPF782947, TRACK 6

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;
PRINTED BY: mds007

;VISUAL DETECT;FROG2;32SPF825905;060809ZJAN99;AGCON_1;HAVE DETECTED SQUADRON
SIZED AVIATION UNIT AT 32SPF843927, TRACK 8

, ID=VMV_PURPLE MV-22 24; TROOPS 209;

PRINTED BY: mds007

;VISUAL DETECT;VMV PURPLE;32SPF844928;060809ZJAN99;MANCON_4;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPF826907, TRACK 2

, ID=FROG2 FROG-7-SSM 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT;VMV PURPLE;32SPF844928;060809ZJAN99;MANCON_4;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPF818937, TRACK 3

, ID=FROG1 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT;VMV PURPLE;32SPF844928;060809ZJAN99;MANCON_4;HAVE DETECTED SECTION SIZED INFANTRY UNIT AT 32SPF843930, TRACK 4

, ID=HILLIFY HMMWV-.50CAL-MG 1; HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT;VMV PURPLE;32SPF844928;060809ZJAN99;MANCON_4;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPF829965, TRACK 5

, ID=SILK1 D-20 2;
PRINTED BY: mds007

;OBJECT DETECT;ENG;32SPF780947;060809ZJAN99;MANCON_1;HAVE DETECTED ANTI PERSONNEL Minefield [% 0 DAMAGED] AT 32SPF776953;
PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPF780947;060809ZJAN99;MANCON_1;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPF815938, TRACK 4

, ID=FROG1 FROG-7-SSM 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK1;32SPF522895;060809ZJAN99;AGCON_1;DETECTION AT 32SPF784868 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF780947;060809ZJAN99;MANCON_1;DETECTION AT 32SPF518974 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=TANK1 HMMWV-TOW 8; M1A1 13;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF825905;060809ZJAN99;AGCON_1;DETECTION AT 32SPF776867 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF780947;060809ZJAN99;MANCON_1;DETECTION AT 32SPF829986 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=FROG2 FROG-7-SSM 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK1;32SPF522895;060809ZJAN99;AGCON_1;DETECTION AT
32SPF754785 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=INF H/B TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK1;32SPF522895;060809ZJAN99;AGCON_1;DETECTION AT
32SPF760786 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=INF A/B TROOPS 168;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/B;32SPF778883;060809ZJAN99;MANCON_3;DETECTION AT
32SPF546992 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=TANK1 HMMWV-TOW 8; M1A1 13; TROOPS 7;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A/B;32SPF783881;060809ZJAN99;MANCON_3;DETECTION AT
32SPF545989 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=TANK1 HMMWV-TOW 8; M1A1 13; TROOPS 7;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A/B;32SPF783881;060809ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH TANK1
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/P;32SPF843933;060809ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH FROG1
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/P;32SPF843933;060809ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH HILLIFY
PRINTED BY: mds007

;SHIP MOVE;SUB1;32SQG058102;060809ZJAN99;AGCON_1;UNABLE TO MOVE - SHIP DAMAGED
PRINTED BY: mds007

;AIR RTE POINT;BCAS8;32SPF824905;060809ZJAN99;MANCON_3;AIR MISSION HAS REACHED
ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;FROG2;32SPF825905;060809ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_BLUE;AIR_TO_SURFACE;31NAA661000;060809ZJAN99;MANCON_3;BCAS8;

CE_PRODUCT SOUTH RD; No damage assessed.

FROG-7-SSM 1 F KILLED
PRINTED BY: mds007

;ASSESSMENT
REPORT;INF_A/B;AIR_TO_SURFACE;31NAA661000;060809ZJAN99;MANCON_3;BCAS8;

CE_PRODUCT SOUTH RD; No damage assessed.

FROG-7-SSM 1 F KILLED
PRINTED BY: mds007

;AIR RTE POINT;BCAS6;32SPG901122;060809ZJAN99;MANCON_3;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;BCAS6;32SPG901122;060809ZJAN99;MANCON_3;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR RTE POINT;PCAS3;32SPG901122;060809ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;PCAS3;32SPG901122;060809ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED:
0
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060810ZJAN99;AGCON_1;HAS
INITIATED ENGAGEMENT WITH VMV_PURPLE
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;VMV_PURPLE;32SPF844928;060810ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH HILLIFY
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;FROG1;32SPF816937;060810ZJAN99;MANCON_2;IS ENGAGED
BY INF H/P
PRINTED BY: mds007

;STATUS CHANGE;INF_H/P;32SPF843933;060810ZJAN99;MANCON_4; RECEIVING INDIRECT
FIRE
PRINTED BY: mds007

;VISUAL DETECT;SILK1;32SPF828968;060810ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF829932, TRACK 3

, ID=INF A/P
PRINTED BY: mds007

;VISUAL DETECT;INF_A/P;32SPF828929;060810ZJAN99;MANCON_4;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF828965, TRACK 5

, ID=SILK1 D-20 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG1;32SPF522805;060810ZJAN99;MANCON_2;DETECTION AT
32SPF819660 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=INF A/P
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG1;32SPF522805;060810ZJAN99;MANCON_2;DETECTION AT
32SPF863708 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=AAAV/P

PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A/P;32SPF828929;060810ZJAN99;MANCON_4;DETECTION AT 32SPG531074 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=FROG1 FROG-7-SSM 1;

PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG1;32SPF522805;060810ZJAN99;MANCON_2;DETECTION AT 32SPF862741 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=INF H/P TROOPS 182;

PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/P;32SPF843933;060810ZJAN99;MANCON_4;DETECTION AT 32SPF503995 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=FROG1 FROG-7-SSM 1; TROOPS 4;

PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG1;32SPF522805;060810ZJAN99;MANCON_2;DETECTION AT 32SPF850699 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=VMV PURPLE MV-22 24; TROOPS 209;

PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG1;32SPF522805;060810ZJAN99;MANCON_2;DETECTION AT 32SPF237886 HAS BEEN TEMPORARILY LOST, TRACK 6

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;

PRINTED BY: mds007

;VISUAL DETECT STATUS;VMV PURPLE;32SPF844928;060810ZJAN99;MANCON_4;DETECTION AT 32SPG516034 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=FROG1 FROG-7-SSM 1; TROOPS 4;

PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF780947;060810ZJAN99;MANCON_1;DETECTION AT 32SQF065868 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=FROG1 FROG-7-SSM 1;

PRINTED BY: mds007

;AIR RTE POINT;BCAS7;32SPG901122;060810ZJAN99;MANCON_3;AIR MISSION HAS REACHED FINAL LAND POINT

PRINTED BY: mds007

;AIRCRAFT STAT;BCAS7;32SPG901122;060810ZJAN99;MANCON_3;AIR MISSION HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0

PRINTED BY: mds007

;AIR MSN LAUNCH;BOGEY2;32SPF602645;060810ZJAN99;AGCON_1;AIR MISSION HAS LAUNCHED

PRINTED BY: mds007

;AIR RTE POINT;BCAS8;32SPG901122;060810ZJAN99;MANCON_3;AIR MISSION HAS REACHED FINAL LAND POINT

PRINTED BY: mds007

;AIRCRAFT STAT;BCAS8;32SPG901122;060810ZJAN99;MANCON_3;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;TANK1;32SPF522895;060811ZJAN99;AGCON_1;IS ENGAGED BY
INF H/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;TANK1;32SPF522895;060811ZJAN99;AGCON_1;IS ENGAGED BY
INF A/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;FROG1;32SPF522805;060811ZJAN99;MANCON_2;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_H/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/P;32SPF843933;060811ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH FROG1
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;TANK1;32SPF522895;060811ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_H/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/B;32SPF755892;060811ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT, NO LOS WITH TANK1
PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 4;32SPF522895;060811ZJAN99;AGCON_1,MANCON_3;
NO ASSESSMENT;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;TANK1;32SPF522895;060811ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_A/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A/B;32SPF746895;060811ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT, NO LOS WITH TANK1
PRINTED BY: mds007

;SHIP MOVE;SUB2;32SQF163977;060811ZJAN99;AGCON_1;HAVE COMMENCED MOVEMENT
PRINTED BY: mds007

;VISUAL DETECT;AGSUP;32SPF728830;060811ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED ENGINEER UNIT AT 32SPF728864, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;
PRINTED BY: mds007

;VISUAL DETECT;AGAIR;32SPF728830;060811ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED ENGINEER UNIT AT 32SPF728863, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;
PRINTED BY: mds007

;OBJECT DETECT;ENG;32SPF728866;060811ZJAN99;MANCON_1;HAVE DETECTED STRUCTURE
AT 32SPF729833;
PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPF728866;060811ZJAN99;MANCON_1;HAVE DETECTED SQUADRON
SIZED AVIATION UNIT AT 32SPF728833, TRACK 5

, ID=AGAIR
PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPF728866;060811ZJAN99;MANCON_1;HAVE DETECTED COMPANY
SIZED SUPPLY UNIT AT 32SPF728832, TRACK 6

, ID=AGSUP
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF724997;060811ZJAN99;MANCON_1;DETECTION AT
32SPF742853 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=LDVEH2 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060811ZJAN99;MANCON_4;SURFACE TRACK AW (SUB2)
DETECTED AT 32SQF163977; TRACK IS HOSTILE
PRINTED BY: mds007

;VISUAL DETECT;SILK1;32SPF828968;060812ZJAN99;AGCON_1;HAVE DETECTED SQUADRON
SIZED AVIATION UNIT AT 32SPF844932, TRACK 4

, ID=VMV PURPLE
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF522782;060812ZJAN99;AGCON_1;DETECTION AT
32SPG577117 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=INF A/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF522782;060812ZJAN99;AGCON_1;DETECTION AT
32SPF820991 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=AAAV/P AAV 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A/P;32SPF828929;060812ZJAN99;MANCON_4;DETECTION AT
32SPF775596 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=FROG2 FROG-7-SSM 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF522782;060812ZJAN99;AGCON_1;DETECTION AT
32SPG723074 HAS BEEN TEMPORARILY LOST, TRACK 7

, ID=INF H/P
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/P;32SPF843933;060812ZJAN99;MANCON_4;DETECTION AT
32SPF645640 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=FROG2 FROG-7-SSM 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF522782;060812ZJAN99;AGCON_1;DETECTION AT 32SPG745057 HAS BEEN TEMPORARILY LOST, TRACK 8

, ID=VMV PURPLE MV-22 24; TROOPS 208;
PRINTED BY: mds007

;VISUAL DETECT STATUS;VMV PURPLE;32SPF844929;060812ZJAN99;MANCON_4;DETECTION AT 32SPF623654 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=FROG2 FROG-7-SSM 1; TROOPS 2;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;FROG2;32SPF522782;060813ZJAN99;AGCON_1;HAS TERMINATED ENGAGEMENT, NO LOS WITH INF_A/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF A/P;32SPF828929;060813ZJAN99;MANCON_4;HAS TERMINATED ENGAGEMENT, NO LOS WITH FROG2
PRINTED BY: mds007

;VISUAL DETECT;AGSUP;32SPF728830;060813ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF727865, TRACK 3

, ID=INF H/B
PRINTED BY: mds007

;VISUAL DETECT;AGSUP;32SPF728830;060813ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF726860, TRACK 4

, ID=INF A/B
PRINTED BY: mds007

;VISUAL DETECT;AGAIR;32SPF728830;060813ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF727864, TRACK 3

, ID=INF H/B
PRINTED BY: mds007

;VISUAL DETECT;AGAIR;32SPF728830;060813ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF726859, TRACK 4

, ID=INF A/B TROOPS 168;
PRINTED BY: mds007

;VISUAL DETECT;SILK5;32SPF750831;060813ZJAN99;AGCON_1;HAVE DETECTED PLATOON SIZED INFANTRY UNIT AT 32SPF727861, TRACK 2

, ID=INF A/B
PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPF728866;060813ZJAN99;MANCON_1;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPF750832, TRACK 7

, ID=SILK5 D-20 2;
PRINTED BY: mds007

;OBJECT DETECT;INF H/B;32SPF726868;060813ZJAN99;MANCON_3;HAVE DETECTED STRUCTURE AT 32SPF728833;
PRINTED BY: mds007

;VISUAL DETECT;INF_H/B;32SPF726868;060813ZJAN99;MANCON_3;HAVE DETECTED
SQUADRON SIZED AVIATION UNIT AT 32SPF728833, TRACK 5

, ID=AGAIR
PRINTED BY: mds007

;VISUAL DETECT;INF_H/B;32SPF726868;060813ZJAN99;MANCON_3;HAVE DETECTED COMPANY
SIZED SUPPLY UNIT AT 32SPF728832, TRACK 6

, ID=AGSUP
PRINTED BY: mds007

;VISUAL DETECT;INF_A/B;32SPF725863;060813ZJAN99;MANCON_3;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF749832, TRACK 5

, ID=SILK5 D-20 2;
PRINTED BY: mds007

;VISUAL DETECT;INF_A/B;32SPF725863;060813ZJAN99;MANCON_3;HAVE DETECTED
SQUADRON SIZED AVIATION UNIT AT 32SPF728833, TRACK 6

, ID=AGAIR TROOPS 262;
PRINTED BY: mds007

;VISUAL DETECT;INF_A/B;32SPF725863;060813ZJAN99;MANCON_3;HAVE DETECTED COMPANY
SIZED SUPPLY UNIT AT 32SPF728833, TRACK 7

, ID=AGSUP
PRINTED BY: mds007

;AIR MSN LAUNCH;ASW3;32SQF137980;060813ZJAN99;MANCON_2;CRUISE MISSILE HAS
LAUNCHED
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060814ZJAN99;MANCON_4;AIR TRACK AX (ASW3) -
DETECTED AT 32SQG064023; TRACK IS FRIENDLY
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF A/B;32SPF725863;060814ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH AGAIR
PRINTED BY: mds007

;UNIT CASUALTY LIMIT ;HILLIFY;32SPF841931;060814ZJAN99;AGCON_1;HAS REACHED
EFFECTIVE CASUALTY LIMIT
PRINTED BY: mds007

;UNIT DESTRUCTION;HILLIFY;32SPF841931;060814ZJAN99;AGCON_1;UNIT IS NO LONGER
COMBAT EFFECTIVE
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060814ZJAN99;AGCON_1;IS
DESTROYED, TERMINATING ENGAGEMENT WITH INF_A/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF A/P;32SPF828929;060814ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT WITH HILLIFY, UNIT DESTROYED.
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060814ZJAN99;AGCON_1;IS
DESTROYED, TERMINATING ENGAGEMENT WITH INF_H/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/P;32SPF843933;060814ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT WITH HILLIFY, UNIT DESTROYED.
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060814ZJAN99;AGCON_1;IS
DESTROYED, TERMINATING ENGAGEMENT WITH VMV_PURPLE
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;VMV_PURPLE;32SPF844929;060814ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT WITH HILLIFY, UNIT DESTROYED.
PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 2;32SPF844929;060814ZJAN99;MANCON_4,AGCON_1;

Initial engagement times:

INF_A/P; 060806ZJAN99

HILLIFY; 060806ZJAN99

INF_H/P; 060809ZJAN99

VMV_PURPLE; 060810ZJAN99

Cumulative losses:

UNIT HILLIFY; TROOPS 5 WIA, 1 KIA UNIT AGSUP; No damage assessed. UNIT
AGSUP; No damage assessed.

UNIT HILLIFY; HMMWV-40MM-MG 1 K_KILLED,

UNIT INF_H/P; TROOPS 2 WIA,

UNIT VMV_PURPLE; TROOPS 4 WIA, UNIT AGSUP; No damage assessed.

UNIT FROG2; TROOPS 3 WIA,

Incremental losses (increases since the last report)

UNIT HILLIFY; TROOPS 3 WIA, 1 KIA

UNIT VMV_PURPLE; TROOPS 4 WIA,

UNIT INF_H/P; TROOPS 2 WIA,

UNIT HILLIFY; HMMWV-40MM-MG 1 K_KILLED,

PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 2;32SPF844929;060814ZJAN99;AGCON_1,MANCON_4;

Initial engagement times:

HILLIFY; 060806ZJAN99

VMV_PURPLE; 060810ZJAN99

Cumulative losses:

CE_PRODUCT SOUTH RD; No damage assessed.

CE_PRODUCT NORTH RD; No damage assessed.

CE_PRODUCT NOR BCH; No damage assessed.

TROOPS 5 WIA, 1 KIA

HMMWV-40MM-MG 1 K_KILLED,

TROOPS 2 WIA,

TROOPS 4 WIA,

TROOPS 3 WIA,

No changes in CDA since last report.

PRINTED BY: mds007

;AIR RTE POINT;ASW3;32SQF124981;060814ZJAN99;MANCON_2;CRUISE MISSILE HAS REACHED ATTACK POINT

PRINTED BY: mds007

;STATUS CHANGE;SUB2;32SQF124981;060814ZJAN99;AGCON_1; UNDER AIR ATTACK

PRINTED BY: mds007

;ASSESSMENT REPORT;FFG;AIR_TO_SURFACE;32SQF124981;060814ZJAN99;MANCON_2;

NO ASSESSMENT; Msn# ASW3

PRINTED BY: mds007

;OBJECT DETECT;SILK2;32SPF866877;060814ZJAN99;AGCON_1;HAVE DETECTED STRUCTURE AT 32SPF879851;

PRINTED BY: mds007

;VISUAL DETECT;SILK2;32SPF866877;060814ZJAN99;AGCON_1;HAVE DETECTED A SHIP AT 32SPF877894, TRACK 2

, ID=SMC TROOPS 257;

PRINTED BY: mds007

;AIR MSN LAUNCH;BOGEY3;32SPF602645;060814ZJAN99;AGCON_1;AIR MISSION HAS LAUNCHED

PRINTED BY: mds007

;AIR MSN LAUNCH;DL403;32SPF625617;060814ZJAN99;AGCON_1;AIR MISSION HAS LAUNCHED

PRINTED BY: mds007

;AIR MSN LAUNCH;ASW4;32SQF124981;060815ZJAN99;MANCON_2;CRUISE MISSILE HAS LAUNCHED

PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060815ZJAN99;MANCON_4;AIR TRACK AY (ASW4) DETECTED AT 32SQG063022; TRACK IS FRIENDLY

PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060815ZJAN99;MANCON_4;AIR TRACK AZ (DL403)
DETECTED AT 32SPF607678; TRACK IS SUSPECT
PRINTED BY: mds007

;AIR MSN ILLUMINATED;DL403;32SPF607678;060815ZJAN99;AGCON_1;AIR MISSION
ILLUMINATED BY NON-SAME SIDE RADAR
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF723995;060815ZJAN99;MANCON_1;DETECTION AT
32SPG921098 HAS BEEN LOST, TRACK 2

, ID=LDVEH1 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;AIR RTE POINT;ASW4;32SQF111983;060815ZJAN99;MANCON_2;CRUISE MISSILE HAS
REACHED ATTACK POINT
PRINTED BY: mds007

;ASSESSMENT REPORT;FFG;AIR_TO_SURFACE;32SQF111983;060815ZJAN99;MANCON_2;
NO ASSESSMENT; Msn# ASW4

PRINTED BY: mds007

;UNIT MOVE ;INF_A/B;32SPF725863;060815ZJAN99;MANCON_3;COMMENCING MOVEMENT at
060815ZJAN99
PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGSUP;32SPF728830;060815ZJAN99;AGCON_1;DETECTION AT
32SPF726858 IS A COMPANY SIZED INFANTRY UNIT, TRACK 4

, ID=INF A/B TROOPS 168;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;INF_A/B;32SPF726862;060815ZJAN99;MANCON_3;DETECTION AT
32SPF728833 IS A COMPANY SIZED SUPPLY UNIT, TRACK 7

, ID=AGSUP TROOPS 175;
PRINTED BY: mds007

;UNIT MOVE ;INF_H/B;32SPF726868;060815ZJAN99;MANCON_3;COMMENCING MOVEMENT at
060815ZJAN99
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060816ZJAN99;MANCON_4;AIR TRACK BA (BOGEY3)
DETECTED AT 32SPF726827; TRACK IS HOSTILE
PRINTED BY: mds007

;AIR MSN ILLUMINATED;BOGEY3;32SPF726827;060816ZJAN99;AGCON_1;AIR MISSION
ILLUMINATED BY NON-SAME SIDE RADAR
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;INF_H/B;32SPF726867;060816ZJAN99;MANCON_3;HAS ASSUMED
DEFENSIVE MISSION DUE TO CPR (0.39252<=2.00000)
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;INF_A/B;32SPF726862;060816ZJAN99;MANCON_3;HAS ASSUMED
DEFENSIVE MISSION DUE TO CPR (0.29759<=2.00000)
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A/B;32SPF726862;060816ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH AGSUP
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;AGAIR;32SPF728830;060816ZJAN99;AGCON_1;IS ENGAGED BY
INF A/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;AGSUP;32SPF728830;060816ZJAN99;AGCON_1;IS ENGAGED BY
INF A/B
PRINTED BY: mds007

;AIR RTE POINT;BCAS9;32SPF750829;060816ZJAN99;MANCON_3;AIR MISSION HAS REACHED
ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;SILK5;32SPF750831;060816ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_BLUE;AIR_TO_SURFACE;32SPF750831;060816ZJAN99;MANCON_3;BCAS9;

UNIT SILK5; D-20 1 M_KILLED,
PRINTED BY: mds007

;ASSESSMENT
REPORT;INF_A/B;AIR_TO_SURFACE;32SPF750831;060816ZJAN99;MANCON_3;BCAS9;

UNIT SILK5; D-20 1 M_KILLED,
PRINTED BY: mds007

;ASSESSMENT
REPORT;SILK5;AIR_TO_SURFACE;32SPF750831;060816ZJAN99;AGCON_1;BCAS9;

UNIT SILK5; D-20 1 M_KILLED,
PRINTED BY: mds007

;AIR MSN LAUNCH;ASW5;32SQF098985;060816ZJAN99;MANCON_2;CRUISE MISSILE HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;GCAP1;32SPG663123;060816ZJAN99;MANCON_2;AIR MISSION HAS REACHED
AIR TO AIR LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_GREEN;AIR_TO_AIR;32SPF753896;060816ZJAN99;MANCON_2;GCAP1;

AIR MSN BOGEY3; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;BOGEY3;AIR_TO_AIR;32SPF753896;060816ZJAN99;AGCON_1;GCAP1;

UNIT AGAIR1; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060816ZJAN99;MANCON_4;AIR TRACK BB (ASW5)
DETECTED AT 32SQF088993; TRACK IS FRIENDLY
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF610875;060816ZJAN99;AGCON_1;DETECTION AT
32SPF538966 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=INF A/B
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF728866;060816ZJAN99;MANCON_1;DETECTION AT
32SPF790765 HAS BEEN TEMPORARILY LOST, TRACK 7

, ID=SILK5 D-20 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF A/B;32SPF726862;060816ZJAN99;MANCON_3;DETECTION AT
32SPF797771 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=SILK5 D-20 2;
PRINTED BY: mds007

;AIR MSN LAUNCH;QA142;32SPF625617;060816ZJAN99;AGCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;BOGEY4;32SPF602645;060816ZJAN99;AGCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;ASW5;32SQF098985;060816ZJAN99;MANCON_2;CRUISE MISSILE HAS
REACHED ATTACK POINT
PRINTED BY: mds007

;ASSESSMENT REPORT;FFG;AIR_TO_SURFACE;32SQF098985;060816ZJAN99;MANCON_2;ASW5;
UNIT SUB2; SUBMARINE 1 M_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;SUB2;AIR_TO_SURFACE;32SQF098985;060816ZJAN99;AGCON_1;ASW5;
UNIT SUB2; SUBMARINE 1 M_KILLED,
PRINTED BY: mds007

;AIR RTE POINT;GCAP1;32SPG663123;060817ZJAN99;MANCON_2;AIR MISSION HAS REACHED
AIR TO AIR LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_GREEN;AIR_TO_AIR;32SPF795913;060817ZJAN99;MANCON_2;GCAP1;

AIR MSN BOGEY3; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;BOGEY3;AIR_TO_AIR;32SPF795913;060817ZJAN99;AGCON_1;GCAP1;

UNIT AGAIR1; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;AD ENGAGE END;GCAP1;32SPF810958;060817ZJAN99;MANCON_2;TERMINATING ENGAGEMENT
WITH TRACK BA; ENEMY DESTROYED
PRINTED BY: mds007

;AIR MSN CANX;BOGEY3;32SPF795913;060817ZJAN99;AGCON_1;AIR MISSION CANCELED DUE
TO LOSS OF AIRCRAFT
PRINTED BY: mds007

;AIRCRAFT STAT;BOGEY3;32SPF795913;060817ZJAN99;AGCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 0; NON MISSION CAPABLE: 0; DESTROYED: 2
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060817ZJAN99;MANCON_4;AIR TRACK BC (QA142)
DETECTED AT 32SPF656674; TRACK IS SUSPECT
PRINTED BY: mds007

;AIR MSN ILLUMINATED;QA142;32SPF656674;060817ZJAN99;AGCON_1;AIR MISSION
ILLUMINATED BY NON-SAME SIDE RADAR
PRINTED BY: mds007

;SHIP MOVE;PB2;32SQG052159;060817ZJAN99;AGCON_1;HAVE COMMENCED MOVEMENT
PRINTED BY: mds007

;SHIP MOVE;SUB2;32SQF098985;060817ZJAN99;AGCON_1;UNABLE TO MOVE - SHIP DAMAGED
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS11;32SPG901122;060817ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS12;32SPG901122;060817ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;BCAS10;32SPF867877;060817ZJAN99;MANCON_3;AIR MISSION HAS
REACHED ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;SILK2;32SPF866877;060817ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;ASSESSMENT REPORT;VF_BLUE;AIR_TO_SURFACE;32SPF867877;060817ZJAN99;MANCON_3;
NO ASSESSMENT; Msn# BCAS10

PRINTED BY: mds007

;ASSESSMENT REPORT;INF_A/B;AIR_TO_SURFACE;32SPF867877;060817ZJAN99;MANCON_3;
NO ASSESSMENT; Msn# BCAS10

PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060817ZJAN99;MANCON_4;AIR TRACK BD (BCAS12)
DETECTED AT 32SPG926052; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060817ZJAN99;MANCON_4;AIR TRACK BE (BCAS11)
DETECTED AT 32SPG926052; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060817ZJAN99;MANCON_4;SURFACE TRACK BF (PB2)
DETECTED AT 32SQG052159; TRACK IS HOSTILE
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060818ZJAN99;MANCON_4;AIR TRACK BG (BOGEY4)
DETECTED AT 32SPF771801; TRACK IS HOSTILE
PRINTED BY: mds007

;AIR MSN ILLUMINATED;BOGEY4;32SPF771801;060818ZJAN99;AGCON_1;AIR MISSION
ILLUMINATED BY NON-SAME SIDE RADAR
PRINTED BY: mds007

;VISUAL DETECT;FROG4;32SPF805917;060818ZJAN99;AGCON_1;HAVE DETECTED SQUADRON
SIZED AVIATION UNIT AT 32SPF842929, TRACK 2

, ID=VMV PURPLE
PRINTED BY: mds007

;VISUAL DETECT;FROG4;32SPF805917;060818ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF807934, TRACK 3

, ID=INF A/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT;VMV PURPLE;32SPF844929;060818ZJAN99;MANCON_4;HAVE DETECTED
SECTION SIZED ARTILLERY UNIT AT 32SPF808917, TRACK 6

, ID=FROG4 FROG-7-SSM 1;
PRINTED BY: mds007

;VISUAL DETECT;SOF;32SPF722994;060818ZJAN99;MANCON_1;HAVE DETECTED COMPANY
SIZED LIGHT ARMOR UNIT AT 32SPG729013, TRACK 4

, ID=LDVEH1 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;VISUAL DETECT;INF H/P;32SPF843933;060818ZJAN99;MANCON_4;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF807917, TRACK 6

, ID=FROG4 FROG-7-SSM 1;
PRINTED BY: mds007

;VISUAL DETECT;INF A/P;32SPF807935;060818ZJAN99;MANCON_4;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF806918, TRACK 6

, ID=FROG4 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF522782;060818ZJAN99;AGCON_1;DETECTION AT
32SPF515732 HAS BEEN LOST, TRACK 5

, ID=INF H/B TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF522782;060818ZJAN99;AGCON_1;DETECTION AT
32SPF490748 HAS BEEN LOST, TRACK 6

, ID=INF A/B TROOPS 168;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/B;32SPF726867;060818ZJAN99;MANCON_3;DETECTION AT
32SPF734917 HAS BEEN LOST, TRACK 3

, ID=FROG2 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A/B;32SPF726862;060818ZJAN99;MANCON_3;DETECTION AT
32SPF758897 HAS BEEN LOST, TRACK 3

, ID=FROG2 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;AIR RTE POINT;BCAS11;32SPF959958;060818ZJAN99;MANCON_3;AIR MISSION HAS
REACHED ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;BCAS12;32SPF959958;060818ZJAN99;MANCON_3;AIR MISSION HAS
REACHED ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;BCAS9;32SPG901122;060818ZJAN99;MANCON_3;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;BCAS9;32SPG901122;060818ZJAN99;MANCON_3;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR RTE POINT;GCAP1;32SPG663123;060818ZJAN99;MANCON_2;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;FCAS7;32SPF828878;060818ZJAN99;MANCON_1;AIR MISSION HAS REACHED
ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;FROG3;32SPF829878;060818ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;ASSESSMENT REPORT;VF_FLAG;AIR_TO_SURFACE;32SPF829878;060818ZJAN99;MANCON_1;

NO ASSESSMENT; Msn# FCAS7

PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;32SPF829878;060818ZJAN99;MANCON_1;

NO ASSESSMENT; Msn# FCAS7

PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK1;32SPF522895;060818ZJAN99;AGCON_1;DETECTION AT
32SPF784868 HAS BEEN LOST, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC.7; X-TANK 4; HMMWV 9; SEE 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF728866;060818ZJAN99;MANCON_1;DETECTION AT
32SPF466893 HAS BEEN LOST, TRACK 2

, ID=TANK1 HMMWV-TOW 8; M1A1 13;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF522782;060818ZJAN99;AGCON_1;DETECTION AT
32SPF474745 HAS BEEN LOST, TRACK 3

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF728866;060818ZJAN99;MANCON_1;DETECTION AT
32SPF777904 HAS BEEN LOST, TRACK 3

, ID=FROG2 FROG-7-SSM 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK1;32SPF522895;060818ZJAN99;AGCON_1;DETECTION AT
32SPF754785 HAS BEEN LOST, TRACK 3

, ID=INF H/B TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK1;32SPF522895;060818ZJAN99;AGCON_1;DETECTION AT
32SPF760786 HAS BEEN LOST, TRACK 4

, ID=INF A/B TROOPS 168;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF H/B;32SPF726867;060818ZJAN99;MANCON_3;DETECTION AT
32SPF494977 HAS BEEN LOST, TRACK 4

, ID=TANK1 HMMWV-TOW 8; M1A1 13; TROOPS 7;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF A/B;32SPF726862;060818ZJAN99;MANCON_3;DETECTION AT
32SPF487971 HAS BEEN LOST, TRACK 4

, ID=TANK1 HMMWV-TOW 8; M1A1 13; TROOPS 7;
PRINTED BY: mds007

;UNIT MOVE ;LDVEH1;32SPG729015;060819ZJAN99;AGCON_1;COMMENCING MOVEMENT at
060819ZJAN99
PRINTED BY: mds007

;ASSESSMENT REPORT;CG;SURFACE_TO_AIR;32SPF912858;060819ZJAN99;MANCON_2;CG;

AIR MSN BOGEY4; SU-24-FENCER 2 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;BOGEY4;SURFACE_TO_AIR;32SPF912858;060819ZJAN99;AGCON_1;CG;

UNIT AGAIR1; SU-24-FENCER 2 K_KILLED,
PRINTED BY: mds007

;AD ENGAGE END;CG;32SQF128935;060819ZJAN99;MANCON_2;TERMINATING ENGAGEMENT
WITH TARGET (BOGEY4); ENEMY DESTROYED
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;FROG4;32SPF805917;060819ZJAN99;AGCON_1;HAS ASSUMED
WITHDRAW MISSION DUE TO CPR (0.00000<=0.17000)
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF A/P;32SPF807935;060819ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH FROG4
PRINTED BY: mds007

;UNIT MOVE ;FROG4;32SPF805917;060819ZJAN99;AGCON_1;COMMENCING MOVEMENT at
060819ZJAN99
PRINTED BY: mds007

;AIR RTE POINT;BCAS10;32SPG901122;060819ZJAN99;MANCON_3;AIR MISSION HAS
REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;BCAS10;32SPG901122;060819ZJAN99;MANCON_3;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR MSN CANX;BOGEY4;32SPF912858;060819ZJAN99;AGCON_1;AIR MISSION CANCELED DUE
TO LOSS OF AIRCRAFT
PRINTED BY: mds007

;AIRCRAFT STAT;BOGEY4;32SPF912858;060819ZJAN99;AGCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 0; NON MISSION CAPABLE: 0; DESTROYED: 2
PRINTED BY: mds007

;UNIT DESTINATION ;LDVEH1;32SPG736006;060819ZJAN99;AGCON_1;HAVE REACHED
ASSIGNED DESTINATION
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060819ZJAN99;MANCON_4;AIR TRACK BH (BOGEY2)
DETECTED AT 32SPG855224; TRACK IS HOSTILE
PRINTED BY: mds007

;AIR MSN ILLUMINATED;BOGEY2;32SPG855224;060819ZJAN99;AGCON_1;AIR MISSION
ILLUMINATED BY NON-SAME SIDE RADAR
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK1;32SPF828968;060819ZJAN99;AGCON_1;DETECTION AT
32SPF801925 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=INF A/P
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF A/P;32SPF784943;060819ZJAN99;MANCON_4;DETECTION AT
32SPF812985 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=SILK1 D-20.2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG4;32SPF805916;060819ZJAN99;AGCON_1;DETECTION AT
32SPF845929 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=VMV PURPLE
PRINTED BY: mds007

;AIR MSN LAUNCH;HELO1;32SPF602645;060819ZJAN99;AGCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;FROG4;32SPF805916;060820ZJAN99;AGCON_1;HAS ASSUMED
DEFENSIVE MISSION
PRINTED BY: mds007

;AIR RTE POINT;GCAP2;32SPG680125;060820ZJAN99;MANCON_2;AIR MISSION HAS REACHED
AIR TO AIR LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_GREEN;AIR_TO_AIR;32SPG901123;060820ZJAN99;MANCON_2;GCAP2;

AIR MSN BOGEY2; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;BOGEY2;AIR_TO_AIR;32SPG901123;060820ZJAN99;AGCON_1;GCAP2;

UNIT AGAIR1; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;AIR RTE POINT;FCAS7;32SPG901122;060820ZJAN99;MANCON_1;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;FCAS7;32SPG901122;060820ZJAN99;MANCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGSUP;32SPF728830;060820ZJAN99;AGCON_1;DETECTION AT
32SPF729830 IS A COMPANY SIZED INFANTRY UNIT, TRACK 3

, ID=INF H/B TROOPS 182; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGSUP;32SPF728830;060820ZJAN99;AGCON_1;DETECTION AT
32SPF728830 IS A COMPANY SIZED INFANTRY UNIT, TRACK 4

, ID=INF A/B TROOPS 168; AT4-US 9; 60MM-MTR 3; M-16 130; SAW 27; M-203 27;
M240-MG 6; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGAIR;32SPF728830;060820ZJAN99;AGCON_1;DETECTION AT
32SPF728830 IS A COMPANY SIZED INFANTRY UNIT, TRACK 3

, ID=INF H/B TROOPS 182; AT4-US 9; 60MM-MTR 3; M-16 132; SAW 27; M-203 27;
M240-MG 6; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGAIR;32SPF728830;060820ZJAN99;AGCON_1;DETECTION AT
32SPF728830 IS A COMPANY SIZED INFANTRY UNIT, TRACK 4

, ID=INF A/B TROOPS 168; AT4-US 9; 60MM-MTR 3; M-16 130; SAW 27; M-203 27;
M240-MG 6; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT;ARTY1;32SPF784918;060820ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF784941, TRACK 2

, ID=INF A/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;INF_H/B;32SPF729830;060820ZJAN99;MANCON_3;DETECTION AT
32SPF729830 IS A SQUADRON SIZED AIR_SQUADRON UNIT, TRACK 5

, ID=AGAIR TROOPS 262; M-16 216;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;INF_H/B;32SPF729830;060820ZJAN99;MANCON_3;DETECTION AT
32SPF729829 IS A COMPANY SIZED SUPPLY UNIT, TRACK 6

, ID=AGSUP TROOPS 175;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;INF_A/B;32SPF729830;060820ZJAN99;MANCON_3;DETECTION AT
32SPF729830 IS A SQUADRON SIZED AIR_SQUADRON UNIT, TRACK 6

, ID=AGAIR TROOPS 262; M-16 216;
PRINTED BY: mds007

;VISUAL DETECT;INF_A/P;32SPF784943;060820ZJAN99;MANCON_4;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF785919, TRACK 7

, ID=ARTY1 D-20 2; TROOPS 8;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG1;32SPF522805;060820ZJAN99;MANCON_2;DETECTION AT
32SPF819660 HAS BEEN LOST, TRACK 2

, ID=INF_A/P
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG1;32SPF522805;060820ZJAN99;MANCON_2;DETECTION AT
32SPF863708 HAS BEEN LOST, TRACK 3

, ID=AAAV/P
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A/P;32SPF784943;060820ZJAN99;MANCON_4;DETECTION AT
32SPG487087 HAS BEEN LOST, TRACK 2

, ID=FROG1 FROG-7-SSM 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG1;32SPF522805;060820ZJAN99;MANCON_2;DETECTION AT
32SPF862741 HAS BEEN LOST, TRACK 4

, ID=INF_H/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/P;32SPF843933;060820ZJAN99;MANCON_4;DETECTION AT
32SPF503995 HAS BEEN LOST, TRACK 3

, ID=FROG1 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG1;32SPF522805;060820ZJAN99;MANCON_2;DETECTION AT
32SPF850699 HAS BEEN LOST, TRACK 5

, ID=VMV PURPLE MV-22 24; TROOPS 209;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG1;32SPF522805;060820ZJAN99;MANCON_2;DETECTION AT
32SPF237886 HAS BEEN LOST, TRACK 6

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;VMV_PURPLE;32SPF844929;060820ZJAN99;MANCON_4;DETECTION
AT 32SPG516035 HAS BEEN LOST, TRACK 3

, ID=FROG1 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF728866;060820ZJAN99;MANCON_1;DETECTION AT
32SQF013787 HAS BEEN LOST, TRACK 4

, ID=FROG1 FROG-7-SSM 1;
PRINTED BY: mds007

;AIR RTE POINT;BOGEY2;32SPG901122;060820ZJAN99;AGCON_1;AIR MISSION HAS REACHED
ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;CV;32SPG901122;060820ZJAN99;MANCON_2; RECEIVING AIR-TO-SURFACE
FIRE
PRINTED BY: mds007

;UNIT CASUALTY LIMIT ;VF_GREEN;32SPG901122;060820ZJAN99;MANCON_2;HAS REACHED
EFFECTIVE CASUALTY LIMIT
PRINTED BY: mds007

;UNIT CASUALTY LIMIT ;VF_FLAG;32SPG901122;060820ZJAN99;MANCON_1;HAS REACHED
EFFECTIVE CASUALTY LIMIT
PRINTED BY: mds007

;UNIT CASUALTY LIMIT ;VF_BLUE;32SPG901122;060820ZJAN99;MANCON_3;HAS REACHED
EFFECTIVE CASUALTY LIMIT
PRINTED BY: mds007

;UNIT CASUALTY LIMIT ;VF_PURPLE;32SPG901122;060820ZJAN99;MANCON_4;HAS REACHED
EFFECTIVE CASUALTY LIMIT
PRINTED BY: mds007

;ASSESSMENT
REPORT;AGAIR1;AIR_TO_SURFACE;32SPG901122;060820ZJAN99;AGCON_1;BOGEY2;

UNIT CV; TROOPS 1410 WIA, 473 KIA

UNIT VF_PURPLE; TROOPS 135 WIA, 132 KIA

UNIT VF_BLUE; TROOPS 135 WIA, 132 KIA

UNIT VF_FLAG; TROOPS 135 WIA, 132 KIA

UNIT VF_GREEN; TROOPS 135 WIA, 132 KIA

UNIT CV; NIMITZ-CLASS 1 F_KILLED

UNIT CV; NSSMS-LNCHR 3 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;CV;AIR_TO_SURFACE;32SPG901122;060820ZJAN99;MANCON_2;BOGEY2;

UNIT CV; TROOPS 1410 WIA, 473 KIA

UNIT CV; NIMITZ-CLASS 1 F_KILLED

UNIT CV; NSSMS-LNCHR 3 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_PURPLE;AIR_TO_SURFACE;32SPG901122;060820ZJAN99;MANCON_2;BOGEY2;

UNIT VF_PURPLE; TROOPS 135 WIA, 132 KIA
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_BLUE;AIR_TO_SURFACE;32SPG901122;060820ZJAN99;MANCON_2;BOGEY2;

UNIT VF_BLUE; TROOPS 135 WIA, 132 KIA
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_FLAG;AIR_TO_SURFACE;32SPG901122;060820ZJAN99;MANCON_2;BOGEY2;

UNIT VF_FLAG; TROOPS 135 WIA, 132 KIA
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_GREEN;AIR_TO_SURFACE;32SPG901122;060820ZJAN99;MANCON_2;BOGEY2;

UNIT VF_GREEN; TROOPS 135 WIA, 132 KIA
PRINTED BY: mds007

;AIR MSN LAUNCH;BOGEY5;32SPF602645;060820ZJAN99;AGCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;UNIT MOVE ;INF_H/B;32SPF729830;060820ZJAN99;MANCON_3;COMMENCING MOVEMENT at
060820ZJAN99
PRINTED BY: mds007.

;AIR RTE POINT;GCAP2;32SPG680125;060820ZJAN99;MANCON_2;AIR MISSION HAS REACHED
AIR TO AIR LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_GREEN;AIR_TO_AIR;32SPG862059;060820ZJAN99;MANCON_2;GCAP2;

AIR MSN BOGEY2; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;BOGEY2;AIR_TO_AIR;32SPG862059;060820ZJAN99;AGCON_1;GCAP2;

UNIT AGAIR1; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;AD ENGAGE END;GCAP2;32SPG828055;060820ZJAN99;MANCON_2;TERMINATING ENGAGEMENT
WITH TRACK BH; ENEMY DESTROYED
PRINTED BY: mds007

;AIR WPN LNCH;FCAS2;32SQG080209;060820ZJAN99;MANCON_1;AIR MISSION HAS REACHED
STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;STATUS CHANGE;PB2;32SQG042141;060820ZJAN99;AGCON_1; UNDER AIR ATTACK
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_FLAG;AIR_TO_SURFACE;32SQG042141;060820ZJAN99;MANCON_1;FCAS2;

UNIT PB2; TROOPS 18 WIA, 6 KIA

UNIT PB2; PC-BOAT 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;32SQG042141;060820ZJAN99;MANCON_1;FCAS2;

UNIT PB2; TROOPS 18 WIA, 6 KIA

UNIT PB2; PC-BOAT 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;PB2;AIR_TO_SURFACE;32SQG042141;060820ZJAN99;AGCON_1;FCAS2;

UNIT PB2; TROOPS 18 WIA, 6 KIA

UNIT PB2; PC-BOAT 1 K_KILLED,
PRINTED BY: mds007

;AIR MSN CANX;BOGEY2;32SPG862059;060820ZJAN99;AGCON_1;AIR MISSION CANCELED DUE
TO LOSS OF AIRCRAFT
PRINTED BY: mds007

;AIRCRAFT STAT;BOGEY2;32SPG862059;060820ZJAN99;AGCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 0; NON MISSION CAPABLE: 0; DESTROYED: 2.
PRINTED BY: mds007

;UNIT MOVE ;INF_A/B;32SPF729830;060821ZJAN99;MANCON_3;COMMENCING MOVEMENT at
060821ZJAN99
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;FROG4;32SPF805916;060821ZJAN99;AGCON_1;IS ENGAGED BY
INF_A/P
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;AGSUP;32SPF728830;060821ZJAN99;AGCON_1;HAS ASSUMED
WITHDRAW MISSION DUE TO CPR (0.00000<=0.17000)
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGAIR;32SPF728830;060821ZJAN99;AGCON_1;HAS
INITIATED ENGAGEMENT WITH INF_H/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF H/B;32SPF729830;060821ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH AGAIR
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF H/B;32SPF729830;060821ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH AGSUP
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A/P;32SPF784943;060821ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH ARTY1
PRINTED BY: mds007

;UNIT MOVE ;AGSUP;32SPF728830;060821ZJAN99;AGCON_1;COMMENCING MOVEMENT at
060821ZJAN99
PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGSUP;32SPF728830;060821ZJAN99;AGCON_1;DETECTION AT
32SPF728830 IS A COMPANY SIZED INFANTRY UNIT, TRACK 3

, ID=INF_H/B TROOPS 182; SMAW 6; AT4-US 9; 60MM-MTR 3; M-16 132; SAW 27; M-203
27; M240-MG 6;
PRINTED BY: mds007

;VISUAL DETECT;SOF;32SPF721993;060821ZJAN99;MANCON_1;HAVE DETECTED COMPANY
SIZED LIGHT_ARMOR UNIT AT 32SPG729013, TRACK 5

, ID=LDVEH3 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK1;32SPF595807;060821ZJAN99;AGCON_1;DETECTION AT
32SPF704553 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=INF_H/P
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/P;32SPF843933;060821ZJAN99;MANCON_4;DETECTION AT
32SPG734187 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=SILK1 D-20 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;VMV_PURPLE;32SPF844929;060821ZJAN99;MANCON_4;DETECTION
AT 32SPG737184 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=SILK1 D-20 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK1;32SPF595807;060821ZJAN99;AGCON_1;DETECTION AT
32SPF702552 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=VMV_PURPLE
PRINTED BY: mds007

;AIR WPN LNCH;PCAS4;32SPF828955;060821ZJAN99;MANCON_4;MANCON_1;AIR MISSION HAS
REACHED STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;STATUS CHANGE;ARTY1;32SPF784918;060821ZJAN99;AGCON_1; UNDER AIR ATTACK
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_PURPLE;AIR_TO_SURFACE;32SPF784918;060821ZJAN99;MANCON_4;PCAS4;

UNIT ARTY1; D-20 1 K_KILLED, 1 M_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;32SPF784918;060821ZJAN99;MANCON_1;PCAS4;

UNIT ARTY1; D-20 1 K_KILLED, 1 M_KILLED,
PRINTED BY: mds007

;ASSESSMENT
REPORT;ARTY1;AIR_TO_SURFACE;32SPF784918;060821ZJAN99;AGCON_1;PCAS4;

UNIT ARTY1; D-20 1 K_KILLED, 1 M_KILLED,
PRINTED BY: mds007

;UNIT MOVE ;LDVEH3;32SPG729015;060821ZJAN99;AGCON_1;COMMENCING MOVEMENT at
060821ZJAN99
PRINTED BY: mds007

;UNIT DESTINATION ;LDVEH3;32SPG733010;060821ZJAN99;AGCON_1;HAVE REACHED
ASSIGNED DESTINATION
PRINTED BY: mds007

;OBJECT DETECT;INF_H/B;32SPG815050;060821ZJAN99;MANCON_3;HAVE DETECTED
ANTI PERSONNEL Minefield [% 0 DAMAGED] AT 32SPG815050;
PRINTED BY: mds007

;OBJECT DETECT;INF_H/B;32SPG815050;060821ZJAN99;MANCON_3;HAVE DETECTED
STRUCTURE AT 32SPG804064;
PRINTED BY: mds007

;OBJECT DETECT;INF_H/B;32SPG815050;060821ZJAN99;MANCON_3;HAVE DETECTED
STRUCTURE AT 32SPG820051;
PRINTED BY: mds007

;VISUAL DETECT;INF_H/B;32SPG815050;060821ZJAN99;MANCON_3;HAVE DETECTED A SHIP
AT 32SPG794065, TRACK 7

, ID=PB1 PC-BOAT 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;AGSUP;32SPF728830;060821ZJAN99;AGCON_1;DETECTION AT
32SPF967831 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=INF_H/B TROOPS 182; SMAW 6; AT4-US 9; 60MM-MTR 3; M-16 132; SAW 27; M-203
27; M240-MG 6;
PRINTED BY: mds007

;VISUAL DETECT STATUS;AGAIR;32SPF728830;060821ZJAN99;AGCON_1;DETECTION AT
32SPF967832 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=INF_H/B TROOPS 182; AT4-US 9; 60MM-MTR 3; M-16 132; SAW 27; M-203 27;
M240-MG 6; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/B;32SPG815050;060821ZJAN99;MANCON_3;DETECTION AT
32SPG577048 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=AGAIR TROOPS 262; M-16 216;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/B;32SPG815050;060821ZJAN99;MANCON_3;DETECTION AT
32SPG577048 HAS BEEN TEMPORARILY LOST, TRACK 6

, ID=AGSUP TROOPS 175;
PRINTED BY: mds007

;AIR RTE POINT;GCAP2;32SPG680125;060822ZJAN99;MANCON_2;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;FCAS2;32SPG901122;060822ZJAN99;MANCON_1;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;FCAS2;32SPG901122;060822ZJAN99;MANCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060822ZJAN99;MANCON_4;AIR TRACK BI (BOGEY5)
DETECTED AT 32SPF701878; TRACK IS HOSTILE
PRINTED BY: mds007

;AIR MSN ILLUMINATED;BOGEY5;32SPF701878;060822ZJAN99;AGCON_1;AIR MISSION
ILLUMINATED BY NON-SAME SIDE RADAR
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;AGSUP;32SPF728830;060822ZJAN99;AGCON_1;IS ENGAGED BY
INF_H/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGAIR;32SPF728830;060822ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_H/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/B;32SPG815050;060822ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT, NO LOS WITH AGAIR
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/B;32SPG815050;060822ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT, NO LOS WITH AGAIR
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGAIR;32SPF728830;060822ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_H/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/B;32SPG815050;060822ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT, NO LOS WITH AGSUP
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGSUP;32SPF728830;060822ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_H/B
PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 5;32SPG815050;060822ZJAN99;AGCON_1,MANCON_3;

Initial engagement times:

AGAIR; 060814ZJAN99

INF_A/B; 060814ZJAN99

AGSUP; 060816ZJAN99

INF_H/B; 060821ZJAN99

Cumulative losses:

UNIT AGAIR; TROOPS 80 WIA, 1 KIA

UNIT INF_A/B; TROOPS 5 WIA,

Incremental losses (increases since the last report)

UNIT INF_A/B; TROOPS 5 WIA,

UNIT AGAIR; TROOPS 80 WIA, 1 KIA

PRINTED BY: mds007

;AIR MSN LAUNCH;BOGEY6;32SPF602645;060822ZJAN99;AGCON_1;AIR MISSION HAS LAUNCHED

PRINTED BY: mds007

;AIR MSN LAUNCH;ASW8;32SQF098985;060822ZJAN99;MANCON_2;CRUISE MISSILE HAS LAUNCHED

PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF522782;060822ZJAN99;AGCON_1;DETECTION AT 32SPG577117 HAS BEEN LOST, TRACK 2

, ID=INF_A/P TROOPS 182;

PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF522782;060822ZJAN99;AGCON_1;DETECTION AT 32SPF820991 HAS BEEN LOST, TRACK 4

, ID=AAAV/P AAV 1;

PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A/P;32SPF784943;060822ZJAN99;MANCON_4;DETECTION AT 32SPF731609 HAS BEEN LOST, TRACK 4

, ID=FROG2 FROG-7-SSM 1; TROOPS 2;

PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF522782;060822ZJAN99;AGCON_1;DETECTION AT 32SPG723074 HAS BEEN LOST, TRACK 7

, ID=INF_H/P

PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/P;32SPF843933;060822ZJAN99;MANCON_4;DETECTION AT 32SPF645640 HAS BEEN LOST, TRACK 2

, ID=FROG2 FROG-7-SSM 1;

PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG2;32SPF522782;060822ZJAN99;AGCON_1;DETECTION AT 32SPG745057 HAS BEEN LOST, TRACK 8

, ID=VMV PURPLE MV-22 24; TROOPS 208;

PRINTED BY: mds007

;VISUAL DETECT STATUS;VMV_PURPLE;32SPF844929;060822ZJAN99;MANCON_4;DETECTION AT 32SPF623654 HAS BEEN LOST, TRACK 2

, ID=FROG2 FROG-7-SSM 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK2;32SPF596796;060822ZJAN99;AGCON_1;DETECTION AT 32SPG753049 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=SMC TROOPS 257;
PRINTED BY: mds007

;AIR RTE POINT;GCAP3;32SPG697125;060823ZJAN99;MANCON_2;AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT REPORT;VF_GREEN;AIR_TO_AIR;32SPF753980;060823ZJAN99;MANCON_2;GCAP3;

AIR MSN BOGEY5; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;BOGEY5;AIR_TO_AIR;32SPF753980;060823ZJAN99;AGCON_1;GCAP3;
UNIT AGAIR1; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060823ZJAN99;MANCON_4;AIR TRACK BJ (ASW8)
DETECTED AT 32SQF088993; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR RTE POINT;PCAS4;32SPG901122;060823ZJAN99;MANCON_4,MANCON_1;AIR MISSION HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;PCAS4;32SPG901122;060823ZJAN99;MANCON_4,MANCON_1;AIR MISSION HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR RTE POINT;ASW8;32SQF098985;060823ZJAN99;MANCON_2;CRUISE MISSILE HAS REACHED ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;SUB2;32SQF098985;060823ZJAN99;AGCON_1; UNDER AIR ATTACK
PRINTED BY: mds007

;ASSESSMENT REPORT;FFG;AIR_TO_SURFACE;32SQF098985;060823ZJAN99;MANCON_2;

NO ASSESSMENT; Msn# ASW8

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;ARTY1;32SPF784918;060823ZJAN99;AGCON_1;IS ENGAGED BY INF A/P
PRINTED BY: mds007

;VISUAL DETECT;SILK5;32SPF863880;060823ZJAN99;AGCON_1;HAVE DETECTED A SHIP AT 32SPF876894, TRACK 3

, ID=SMC TROOPS 257;
PRINTED BY: mds007

;VISUAL DETECT;FROG5;32SPF819943;060823ZJAN99;AGCON_1;HAVE DETECTED SQUADRON
SIZED AVIATION UNIT AT 32SPF843930, TRACK 2

, ID=VMV PURPLE MV-22 24; TROOPS 207;
PRINTED BY: mds007

;VISUAL DETECT;FROG5;32SPF819943;060823ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF841933, TRACK 3

, ID=INF H/P TROOPS 181;
PRINTED BY: mds007

;VISUAL DETECT;FROG5;32SPF819943;060823ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF786943, TRACK 4

, ID=INF A/P
PRINTED BY: mds007

;VISUAL DETECT;FROG5;32SPF819943;060823ZJAN99;AGCON_1;HAVE DETECTED A SHIP AT
32SPF855927, TRACK 5

, ID=AAAV/P AAV 1;
PRINTED BY: mds007

;VISUAL DETECT;VMV PURPLE;32SPF844929;060823ZJAN99;MANCON_4;HAVE DETECTED
SECTION SIZED ARTILLERY UNIT AT 32SPF821942, TRACK 7

, ID=FROG5 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT;INF H/P;32SPF843933;060823ZJAN99;MANCON_4;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF822942, TRACK 7

, ID=FROG5 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT;INF A/P;32SPF784943;060823ZJAN99;MANCON_4;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF818943, TRACK 8

, ID=FROG5 FROG-7-SSM 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG4;32SPF523741;060823ZJAN99;AGCON_1;DETECTION AT
32SPG320000 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=INF A/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;VMV PURPLE;32SPF844929;060823ZJAN99;MANCON_4;DETECTION
AT 32SPF492808 HAS BEEN TEMPORARILY LOST, TRACK 6

, ID=FROG4 FROG-7-SSM 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF H/P;32SPF843933;060823ZJAN99;MANCON_4;DETECTION AT
32SPF501784 HAS BEEN TEMPORARILY LOST, TRACK 6

, ID=FROG4 FROG-7-SSM 1;

PRINTED BY: mds007

;VISUAL DETECT STATUS;INF A/P;32SPF784943;060823ZJAN99;MANCON_4;DETECTION AT
32SPF989684 HAS BEEN TEMPORARILY LOST, TRACK 6

, ID=FROG4 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;AIR RTE POINT;GCAP3;32SPG697125;060823ZJAN99;MANCON_2;AIR MISSION HAS REACHED
AIR TO AIR LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_GREEN;AIR_TO_AIR;32SPG817016;060823ZJAN99;MANCON_2;GCAP3;

AIR MSN BOGEY5; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;BOGEY5;AIR_TO_AIR;32SPG817016;060823ZJAN99;AGCON_1;GCAP3;

UNIT AGAIR1; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;AD ENGAGE END;GCAP3;32SPG815039;060823ZJAN99;MANCON_2;TERMINATING ENGAGEMENT
WITH TRACK BI; ENEMY DESTROYED
PRINTED BY: mds007

;AIR MSN CANX;BOGEY5;32SPG817016;060823ZJAN99;AGCON_1;AIR MISSION CANCELED DUE
TO LOSS OF AIRCRAFT
PRINTED BY: mds007

;AIRCRAFT STAT;BOGEY5;32SPG817016;060823ZJAN99;AGCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 0; NON MISSION CAPABLE: 0; DESTROYED: 2
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060823ZJAN99;MANCON_4;AIR TRACK BK (BOGEY6)
DETECTED AT 32SPF758747; TRACK IS HOSTILE
PRINTED BY: mds007

;AIR MSN ILLUMINATED;BOGEY6;32SPF758747;060823ZJAN99;AGCON_1;AIR MISSION
ILLUMINATED BY NON-SAME SIDE RADAR
PRINTED BY: mds007

;UNIT MOVE ;INF A/B;32SPF729830;060823ZJAN99;MANCON_3;COMMENCING MOVEMENT at
060823ZJAN99
PRINTED BY: mds007

;SHIP MOVE;PB3;32SQF030799;060824ZJAN99;AGCON_1;HAVE COMMENCED MOVEMENT
PRINTED BY: mds007

;AIR WPN LNCH;PCAS5;32SPF828955;060824ZJAN99;MANCON_4,MANCON_1;AIR MISSION HAS
REACHED STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;STATUS CHANGE;LDVEH3;32SPG733010;060824ZJAN99;AGCON_1; UNDER AIR ATTACK
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_PURPLE;AIR_TO_SURFACE;32SPG733010;060824ZJAN99;MANCON_4;PCAS5;

UNIT LDVEH3; TROOPS 9 WIA, 4 KIA

UNIT LDVEH3; LAV-MTR 2 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;32SPG733010;060824ZJAN99;MANCON_1;PCAS5;

UNIT LDVEH3; TROOPS 9 WIA, 4 KIA

UNIT LDVEH3; LAV-MTR 2 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT
REPORT;LDVEH3;AIR_TO_SURFACE;32SPG733010;060824ZJAN99;AGCON_1;PCAS5;

UNIT LDVEH3; TROOPS 9 WIA, 4 KIA

UNIT LDVEH3; LAV-MTR 2 K_KILLED,
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060824ZJAN99;MANCON_4;SURFACE TRACK BL (PB3)
DETECTED AT 32SQF030799; TRACK IS HOSTILE
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;AGAIR;32SPF728830;060824ZJAN99;AGCON_1;HAS ASSUMED
WITHDRAW MISSION DUE TO CPR (0.16299<=0.17000)
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;FROG4;32SPF523741;060824ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_A/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A/P;32SPF784943;060824ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH FROG4
PRINTED BY: mds007

;UNIT MOVE ;AGAIR;32SPF728830;060824ZJAN99;AGCON_1;COMMENCING MOVEMENT at
060824ZJAN99
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF720992;060824ZJAN99;MANCON_1;DETECTION AT
32SPF889525 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=LDVEH2 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF720992;060824ZJAN99;MANCON_1;DETECTION AT
32SQG107305 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=LDVEH1 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;SHIP MOVE;PB1;32SPG803059;060824ZJAN99;AGCON_1;HAVE REACHED DESTINATION
PRINTED BY: mds007

;AIR RTE POINT;GCAP4;32SPG712126;060824ZJAN99;MANCON_2;AIR MISSION HAS REACHED
AIR TO AIR LAUNCH POINT
PRINTED BY: mds007

;AD ENGAGE NOTIFY;BOGEY6;32SPF844818;060824ZJAN99;AGCON_1;

BOGEY6 HAS BEEN FIRED ON BY AAM - NO HITS
PRINTED BY: mds007

;ASSESSMENT REPORT;VF_GREEN;AIR_TO_AIR;32SPG798037;060824ZJAN99;MANCON_2;

NO ASSESSMENT; Msn# GCAP4

PRINTED BY: mds007

;AIR RTE POINT;GCAP3;32SPG697125;060824ZJAN99;MANCON_2;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR WPN LNCH;PCAS6;32SPF828955;060824ZJAN99;MANCON_4,MANCON_1;AIR MISSION HAS
REACHED STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_PURPLE;AIR_TO_SURFACE;31NAA661000;060824ZJAN99;MANCON_4;PCAS6;

CE_PRODUCT BR1; CE Product damage level increased 99 percent.
PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;31NAA661000;060824ZJAN99;MANCON_1;PCAS6;

CE_PRODUCT BR1; CE Product damage level increased 99 percent.
PRINTED BY: mds007

;AIR RTE POINT;GCAP4;32SPG712126;060824ZJAN99;MANCON_2;AIR MISSION HAS REACHED
AIR TO AIR LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_GREEN;AIR_TO_AIR;32SPF897852;060824ZJAN99;MANCON_2;GCAP4;

AIR MSN BOGEY6; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;BOGEY6;AIR_TO_AIR;32SPF897852;060824ZJAN99;AGCON_1;GCAP4;

UNIT AGAIR1; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;VISUAL DETECT;AGSUP;32SPF728830;060824ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED MEDICAL UNIT AT 32SPF728830, TRACK 5

, ID=MED/B TRAILER-WATER-300G 3; 5.0-TRUCK 3; HMMWV-AMBUL 9; HMMWV 3; TROOPS
201; SAW 2; AT4-US 2; M-16 216; M240-MG 1; .50CAL-MG 1;
PRINTED BY: mds007

;VISUAL DETECT;AGAIR;32SPF728829;060824ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED MEDICAL UNIT AT 32SPF728829, TRACK 5

, ID=MED/B TRAILER-WATER-300G 3; 5.0-TRUCK 3; HMMWV-AMBUL 9; HMMWV 3; TROOPS
201; SAW 2; AT4-US 2; M-16 216; M240-MG 1; .50CAL-MG 1;
PRINTED BY: mds007

;OBJECT DETECT;SOF;32SPF720992;060824ZJAN99;MANCON_1;HAVE DETECTED BRIDGE [%
99 DAMAGED] AT 32SPG740005;
PRINTED BY: mds007

;OBJECT DETECT;ENG;32SPG812046;060824ZJAN99;MANCON_1;HAVE DETECTED
ANTI_PERSONNEL Minefield [% 0 DAMAGED] AT 32SPG815048;
PRINTED BY: mds007

;OBJECT DETECT;ENG;32SPG812046;060824ZJAN99;MANCON_1;HAVE DETECTED STRUCTURE
AT 32SPG804064;
PRINTED BY: mds007

;OBJECT DETECT;ENG;32SPG812046;060824ZJAN99;MANCON_1;HAVE DETECTED STRUCTURE
AT 32SPG820051;
PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPG812046;060824ZJAN99;MANCON_1;HAVE DETECTED A SHIP AT
32SPG805057, TRACK 8

, ID=PB1 PC-BOAT 1;
PRINTED BY: mds007

;VISUAL DETECT;MED/B;32SPF730829;060824ZJAN99;MANCON_3;HAVE DETECTED SQUADRON
SIZED AVIATION UNIT AT 32SPF730829, TRACK 2

, ID=AGAIR TROOPS 192; M-16 215;
PRINTED BY: mds007

;VISUAL DETECT;MED/B;32SPF730829;060824ZJAN99;MANCON_3;HAVE DETECTED COMPANY
SIZED SUPPLY UNIT AT 32SPF730829, TRACK 3

, ID=AGSUP TROOPS 175;
PRINTED BY: mds007

;VISUAL DETECT STATUS;AGSUP;32SPF728830;060824ZJAN99;AGCON_1;DETECTION AT
32SPG734061 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;AGAIR;32SPF728829;060824ZJAN99;AGCON_1;DETECTION AT
32SPG729061 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPG812046;060824ZJAN99;MANCON_1;DETECTION AT
32SPF812814 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=AGAIR
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPG812046;060824ZJAN99;MANCON_1;DETECTION AT
32SPF807814 HAS BEEN TEMPORARILY LOST, TRACK 6

, ID=AGSUP
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF720992;060824ZJAN99;MANCON_1;DETECTION AT
32SQG010396 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=LDVEH3 LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS 67;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGAIR;32SPF728829;060825ZJAN99;AGCON_1;HAS
INITIATED ENGAGEMENT WITH MED/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;MED/B;32SPF730829;060825ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH AGAIR
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;MED/B;32SPF730829;060825ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH AGSUP
PRINTED BY: mds007

;AIR RTE POINT;PCAS5;32SPG901122;060825ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;PCAS5;32SPG901122;060825ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED:
0
PRINTED BY: mds007

;AIR RTE POINT;GCAP4;32SPG712126;060825ZJAN99;MANCON_2;AIR MISSION HAS REACHED
AIR TO AIR LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_GREEN;AIR_TO_AIR;32SPF909883;060825ZJAN99;MANCON_2;GCAP4;

AIR MSN BOGEY6; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;BOGEY6;AIR_TO_AIR;32SPF909883;060825ZJAN99;AGCON_1;GCAP4;

UNIT AGAIR1; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;AD ENGAGE END;GCAP4;32SPF886913;060825ZJAN99;MANCON_2;TERMINATING ENGAGEMENT
WITH TRACK BK; ENEMY DESTROYED
PRINTED BY: mds007

;AIR MSN LAUNCH;HELO2;32SPF602645;060825ZJAN99;AGCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN CANX;BOGEY6;32SPF909883;060825ZJAN99;AGCON_1;AIR MISSION CANCELED DUE
TO LOSS OF AIRCRAFT
PRINTED BY: mds007

;AIRCRAFT STAT;BOGEY6;32SPF909883;060825ZJAN99;AGCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 0; NON MISSION CAPABLE: 0; DESTROYED: 2
PRINTED BY: mds007

;AIR RTE POINT;AA86;32SPF625617;060825ZJAN99;AGCON_1;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;AA86;32SPF625617;060825ZJAN99;AGCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0

PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGAIR1;32SPF602645;060825ZJAN99;AGCON_1;DETECTION AT 32SPF623620 IS A SQUADRON SIZED AIR_SQUADRON UNIT, TRACK 2

, ID=COMAIR BOEING-747 45;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ARTY1;32SPF578807;060825ZJAN99;AGCON_1;DETECTION AT 32SPG578054 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=INF A/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A/P;32SPF784943;060825ZJAN99;MANCON_4;DETECTION AT 32SPF784696 HAS BEEN TEMPORARILY LOST, TRACK 7

, ID=ARTY1 D-20 1; TROOPS 8;
PRINTED BY: mds007

;AIR RTE POINT;UA18;32SPF625617;060825ZJAN99;AGCON_1;AIR MISSION HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;UA18;32SPF625617;060825ZJAN99;AGCON_1;AIR MISSION HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;SHIP MOVE;SUB3;32SQF161978;060826ZJAN99;AGCON_1;HAVE COMMENCED MOVEMENT
PRINTED BY: mds007

;AIR RTE POINT;PCAS6;32SPG901122;060826ZJAN99;MANCON_4,MANCON_1;AIR MISSION HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;PCAS6;32SPG901122;060826ZJAN99;MANCON_4,MANCON_1;AIR MISSION HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060826ZJAN99;MANCON_4;SURFACE TRACK BM (SUB3) DETECTED AT 32SQF161978; TRACK IS HOSTILE
PRINTED BY: mds007

;AIR MSN LAUNCH;GCAP6;32SPG901122;060826ZJAN99;MANCON_2;AIR MISSION HAS LAUNCHED
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;AGSUP;32SPF727830;060826ZJAN99;AGCON_1;IS ENGAGED BY MED/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ARTY1;32SPF578807;060826ZJAN99;AGCON_1;HAS TERMINATED ENGAGEMENT, NO LOS WITH INF_A/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A/P;32SPF775953;060826ZJAN99;MANCON_4;HAS TERMINATED ENGAGEMENT, NO LOS WITH ARTY1
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A/P;32SPF775953;060826ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH ARTY1
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ARTY1;32SPF578807;060826ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_A/P
PRINTED BY: mds007

;UNIT CASUALTY LIMIT ;AGAIR;32SPF728829;060826ZJAN99;AGCON_1;HAS REACHED
EFFECTIVE CASUALTY LIMIT
PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 6;32SPF775953;060826ZJAN99;MANCON_4,AGCON_1;
NO ASSESSMENT;
PRINTED BY: mds007

;UNIT MOVE ;TANK2;32SPG785004;060826ZJAN99;AGCON_1;COMMENCING MOVEMENT at
060826ZJAN99
PRINTED BY: mds007

;AIR MSN LAUNCH;GCAP7;32SPG901122;060826ZJAN99;MANCON_2;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGAIR1;32SPF602645;060826ZJAN99;AGCON_1;DETECTION AT
32SPF623620 IS A SQUADRON SIZED AIR_SQUADRON UNIT, TRACK 2

, ID=COMAIR BOEING-747 46;
PRINTED BY: mds007

;VISUAL DETECT;INF_A/P;32SPF775953;060826ZJAN99;MANCON_4;HAVE DETECTED COMPANY
SIZED TANK UNIT AT 32SPF782991, TRACK 9

, ID=TANK2 HMMWV-TOW 8; M1A1 14;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF863880;060826ZJAN99;AGCON_1;DETECTION AT
32SPF792971 HAS BEEN LOST, TRACK 2

, ID=INF_A/B
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPG812046;060826ZJAN99;MANCON_1;DETECTION AT
32SPF875944 HAS BEEN LOST, TRACK 7

, ID=SILK5 D-20 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A/B;32SPF729830;060826ZJAN99;MANCON_3;DETECTION AT
32SPF801738 HAS BEEN LOST, TRACK 5

, ID=SILK5 D-20 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG5;32SPF819943;060826ZJAN99;AGCON_1;DETECTION AT
32SPF774943 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=INF_A/P
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF A/P;32SPF775953;060826ZJAN99;MANCON_4;DETECTION AT
32SPF821952 HAS BEEN TEMPORARILY LOST, TRACK 8

, ID=FROG5 FROG-7-SSM 1;
PRINTED BY: mds007

;AIR MSN LAUNCH;GCAP8;32SPG901122;060826ZJAN99;MANCON_2;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060826ZJAN99;MANCON_4;AIR TRACK BN (GCAP8)
DETECTED AT 32SPG865116; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060826ZJAN99;MANCON_4;AIR TRACK BO (GCAP7)
DETECTED AT 32SPG866112; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060826ZJAN99;MANCON_4;AIR TRACK BP (GCAP6)
DETECTED AT 32SPG828112; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR MSN LAUNCH;GCAP9;32SPG901122;060826ZJAN99;MANCON_2;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;BCAS11;32SPF820942;060826ZJAN99;MANCON_3;AIR MISSION HAS
REACHED ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;FROG5;32SPF819943;060826ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_BLUE;AIR_TO_SURFACE;31NAA661000;060826ZJAN99;MANCON_3;BCAS11;

CE PRODUCT NORTH RD; No damage assessed.
PRINTED BY: mds007

;ASSESSMENT
REPORT;INF_A/B;AIR_TO_SURFACE;31NAA661000;060826ZJAN99;MANCON_3;BCAS11;

CE PRODUCT NORTH RD; No damage assessed.
PRINTED BY: mds007

;AIR MSN LAUNCH;GCAP10;32SPG901122;060827ZJAN99;MANCON_2;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR WPN LNCH;FCAS4;32SPG950139;060827ZJAN99;MANCON_1;AIR MISSION HAS REACHED
STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;STATUS CHANGE;PB1;32SPG803059;060827ZJAN99;AGCON_1; UNDER AIR ATTACK
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_FLAG;AIR_TO_SURFACE;32SPG803059;060827ZJAN99;MANCON_1;FCAS4;

UNIT PB1; TROOPS 21 WIA, 9 KIA

UNIT PB1; PC-BOAT 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;32SPG803059;060827ZJAN99;MANCON_1;FCAS4;

UNIT PB1; TROOPS 21 WIA, 9 KIA

UNIT PB1; PC-BOAT 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;PB1;AIR_TO_SURFACE;32SPG803059;060827ZJAN99;AGCON_1;FCAS4;

UNIT PB1; TROOPS 21 WIA, 9 KIA

UNIT PB1; PC-BOAT 1 K_KILLED,
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060827ZJAN99;MANCON_4;AIR TRACK BQ (GCAP10)
DETECTED AT 32SPG867109; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060827ZJAN99;MANCON_4;AIR TRACK BR (GCAP9)
DETECTED AT 32SPG830102; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR RTE POINT;FCAS4;32SPG901122;060827ZJAN99;MANCON_1;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;FCAS4;32SPG901122;060827ZJAN99;MANCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR RTE POINT;GCAP4;32SPG712126;060827ZJAN99;MANCON_2;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR MSN LAUNCH;ASW9;32SQF148977;060827ZJAN99;MANCON_2;CRUISE MISSILE HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;LU812;32SPF625617;060827ZJAN99;AGCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;BOGEY7;32SPF602645;060827ZJAN99;AGCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060827ZJAN99;MANCON_4;AIR TRACK BS (LU812)
DETECTED AT 32SPF634648; TRACK IS SUSPECT
PRINTED BY: mds007

;AIR MSN ILLUMINATED;LU812;32SPF634648;060827ZJAN99;AGCON_1;AIR MISSION
ILLUMINATED BY NON-SAME SIDE RADAR
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060827ZJAN99;MANCON_4;AIR TRACK BT (ASW9)
DETECTED AT 32SQG067023; TRACK IS FRIENDLY

PRINTED BY: mds007

;AIR RTE POINT;GCAP6;32SPG652088;060827ZJAN99;MANCON_2;AIR MISSION HAS REACHED ORBIT POINT

PRINTED BY: mds007

;AIR RTE POINT;GCAP7;32SPG654058;060827ZJAN99;MANCON_2;AIR MISSION HAS REACHED ORBIT POINT

PRINTED BY: mds007

;OBJECT DETECT;SILK4;32SPG824041;060827ZJAN99;AGCON_1;HAVE DETECTED STRUCTURE AT 32SPG804064;

PRINTED BY: mds007

;OBJECT DETECT;SILK4;32SPG824041;060827ZJAN99;AGCON_1;HAVE DETECTED STRUCTURE AT 32SPG821051;

PRINTED BY: mds007

;VISUAL DETECT;SILK4;32SPG824041;060827ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED ENGINEER UNIT AT 32SPG814045, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;

PRINTED BY: mds007

;VISUAL DETECT;SILK4;32SPG824041;060827ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPG821046, TRACK 3

, ID=INF H/B TROOPS 182; SMAW 6;

PRINTED BY: mds007

;VISUAL DETECT;TANK2;32SPF780981;060827ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF776955, TRACK 2

, ID=INF A/P TROOPS 182;

PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPG812046;060827ZJAN99;MANCON_1;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPG823042, TRACK 9

, ID=SILK4 D-20 2; TROOPS 8;

PRINTED BY: mds007

;VISUAL DETECT;INF H/B;32SPG819048;060827ZJAN99;MANCON_3;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPG823043, TRACK 8

, ID=SILK4 D-20 2; TROOPS 8;

PRINTED BY: mds007

;VISUAL DETECT STATUS;AGSUP;32SPF727830;060827ZJAN99;AGCON_1;DETECTION AT 32SQF067829 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=MED/B TRAILER-WATER-300G 3; 5.0-TRUCK 3; HMMWV-AMBUL 9; HMMWV 3; TROOPS 200; SAW 2; AT4-US 2; M-16 216; M240-MG 1; .50CAL-MG 1;

PRINTED BY: mds007

;VISUAL DETECT STATUS;AGAIR;32SPF728829;060827ZJAN99;AGCON_1;DETECTION AT 32SQF068849 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=MED/B TRAILER-WATER-300G 3; 5.0-TRUCK 3; HMMWV-AMBUL 9; HMMWV 3; TROOPS 200; SAW 2; AT4-US 2; M-16 216; M240-MG 1; .50CAL-MG 1;

PRINTED BY: mds007

;VISUAL DETECT STATUS;MED/B;32SPG901121;060827ZJAN99;MANCON_3;DETECTION AT
32SPG562100 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=AGAIR TROOPS 168; M-16 215;
PRINTED BY: mds007

;VISUAL DETECT STATUS;MED/B;32SPG901121;060827ZJAN99;MANCON_3;DETECTION AT
32SPG561120 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=AGSUP TROOPS 157;
PRINTED BY: mds007

;AIR RTE POINT;GCAP8;32SPG678089;060828ZJAN99;MANCON_2;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 5;32SPG901121;060828ZJAN99;AGCON_1,MANCON_3;

Initial engagement times:

AGAIR; 060814ZJAN99

INF_A/B; 060814ZJAN99

AGSUP; 060816ZJAN99

MED/B; 060825ZJAN99

Cumulative losses:

UNIT AGAIR; TROOPS 178 WIA, 10 KIA

UNIT INF_A/B; TROOPS 15 WIA,

UNIT AGSUP; TROOPS 27 WIA,

UNIT MED/B; TROOPS 2 WIA,

Incremental losses (increases since the last report)

UNIT INF_A/B; TROOPS 10 WIA,

UNIT AGAIR; TROOPS 98 WIA, 9 KIA

UNIT MED/B; TROOPS 2 WIA,

UNIT AGSUP; TROOPS 27 WIA,

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGSUP;32SPF727830;060828ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH MED/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;MED/B;32SPG901121;060828ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT, NO LOS WITH AGSUP
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGAIR;32SPF728829;060828ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH MED/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;MED/B;32SPG901121;060828ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT, NO LOS WITH AGAIR
PRINTED BY: mds007

;UNIT MOVE ;AGAIR;32SPF728829;060828ZJAN99;AGCON_1;NOT ENOUGH TROOPS FOR
MOVEMENT
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;SILK4;32SPG824041;060828ZJAN99;AGCON_1;HAS ASSUMED
WITHDRAW MISSION DUE TO CPR (0.00000<=0.17000)
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ENG;32SPG812046;060828ZJAN99;MANCON_1;HAS INITIATED
ENGAGEMENT WITH SILK4
PRINTED BY: mds007

;UNIT MOVE ;SILK4;32SPG824041;060828ZJAN99;AGCON_1;TOWING REQUIREMENTS NOT MET
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/B;32SPG819048;060828ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH SILK4
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A/P;32SPF775953;060828ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH TANK2
PRINTED BY: mds007

;AIR MSN LAUNCH;PCAS7;32SPG901122;060828ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;ASW9;32SQF135976;060828ZJAN99;MANCON_2;CRUISE MISSILE HAS
REACHED ATTACK POINT
PRINTED BY: mds007

;STATUS CHANGE;SUB3;32SQF135976;060828ZJAN99;AGCON_1; UNDER AIR ATTACK
PRINTED BY: mds007

;ASSESSMENT REPORT;FFG;AIR_TO_SURFACE;32SQF135976;060828ZJAN99;MANCON_2;ASW9;

UNIT SUB3; SUBMARINE 1 M_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;SUB3;AIR_TO_SURFACE;32SQF135976;060828ZJAN99;AGCON_1;ASW9;

UNIT SUB3; SUBMARINE 1 M_KILLED,
PRINTED BY: mds007

;AIR RTE POINT;BCAS11;32SPG901122;060828ZJAN99;MANCON_3;AIR MISSION HAS
REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;BCAS11;32SPG901122;060828ZJAN99;MANCON_3;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR RTE POINT;GCAP9;32SPG677059;060828ZJAN99;MANCON_2;AIR MISSION HAS REACHED
ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;GCAP10;32SPG656031;060828ZJAN99;MANCON_2;AIR MISSION HAS
REACHED ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;BCAS12;32SPF781995;060828ZJAN99;MANCON_3;AIR MISSION HAS
REACHED ATTACK POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_BLUE;AIR_TO_SURFACE;31NAA661000;060828ZJAN99;MANCON_3;BCAS12;

CE_PRODUCT WEST RD; No damage assessed.

CE_PRODUCT NORTH RD; No damage assessed.
PRINTED BY: mds007

;ASSESSMENT
REPORT;INF_A/B;AIR_TO_SURFACE;31NAA661000;060828ZJAN99;MANCON_3;BCAS12;

CE_PRODUCT WEST RD; No damage assessed.

CE_PRODUCT NORTH RD; No damage assessed.
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060828ZJAN99;MANCON_4;AIR TRACK BU (PCAS7)
DETECTED AT 32SPG853065; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060828ZJAN99;MANCON_4;AIR TRACK BV (BOGEY7)
DETECTED AT 32SPF743765; TRACK IS HOSTILE
PRINTED BY: mds007

;AIR MSN ILLUMINATED;BOGEY7;32SPF743765;060828ZJAN99;AGCON_1;AIR MISSION
ILLUMINATED BY NON-SAME SIDE RADAR
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG5;32SPF524723;060828ZJAN99;AGCON_1;DETECTION AT
32SPF862545 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=VMV_PURPLE MV-22 24; TROOPS 207;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG5;32SPF524723;060828ZJAN99;AGCON_1;DETECTION AT
32SPF877574 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=INF_H/P TROOPS 181;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG5;32SPF524723;060828ZJAN99;AGCON_1;DETECTION AT
32SPF879563 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=AAAV/P AAV 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;VMV_PURPLE;32SPF844929;060828ZJAN99;MANCON_4;DETECTION
AT 32SPG506106 HAS BEEN TEMPORARILY LOST, TRACK 7

, ID=FROG5 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/P;32SPF843933;060828ZJAN99;MANCON_4;DETECTION AT
32SPG490080 HAS BEEN TEMPORARILY LOST, TRACK 7

, ID=FROG5 FROG-7-SSM 1; TROOPS 4;
PRINTED BY: mds007

;AIR MSN LAUNCH;PCAS8;32SPG901122;060828ZJAN99;MANCON_4,MANCON_1;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;SHIP MOVE;SUB3;32SQF135976;060829ZJAN99;AGCON_1;UNABLE TO MOVE - SHIP DAMAGED
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060829ZJAN99;MANCON_4;AIR TRACK BW (PCAS8)
DETECTED AT 32SPG853062; TRACK IS FRIENDLY
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK1;32SPF595807;060829ZJAN99;AGCON_1;DETECTION AT
32SPF568765 HAS BEEN LOST, TRACK 3

, ID=INF A/P
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A/P;32SPF775953;060829ZJAN99;MANCON_4;DETECTION AT
32SPF803995 HAS BEEN LOST, TRACK 5

, ID=SILK1 D-20.2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;FROG4;32SPF523741;060829ZJAN99;AGCON_1;DETECTION AT
32SPF563753 HAS BEEN LOST, TRACK 2

, ID=VMV PURPLE
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF602861;060829ZJAN99;AGCON_1;DETECTION AT
32SPG785070 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=SMC TROOPS 257;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A/P;32SPF775953;060829ZJAN99;MANCON_4;DETECTION AT
32SPG807147 HAS BEEN TEMPORARILY LOST, TRACK 9

, ID=TANK2 HMMWV-TOW 8; M1A1 14;
PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK2;32SPF587889;060829ZJAN99;AGCON_1;DETECTION AT
32SPF556694 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=INF A/P TROOPS 182;
PRINTED BY: mds007

;AIR MSN LAUNCH;BOGEY8;32SPF602645;060829ZJAN99;AGCON_1;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;QA142;32SPF625617;060829ZJAN99;AGCON_1;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;QA142;32SPF625617;060829ZJAN99;AGCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR RTE POINT;BCAS12;32SPG901122;060829ZJAN99;MANCON_3;AIR MISSION HAS
REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;BCAS12;32SPG901122;060829ZJAN99;MANCON_3;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR RTE POINT;GCAP1;32SPG663123;060829ZJAN99;MANCON_2;AIR MISSION HAS REACHED
AIR TO AIR LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_GREEN;AIR_TO_AIR;32SPF885850;060829ZJAN99;MANCON_2;GCAP1;

AIR MSN BOGEY7; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;BOGEY7;AIR_TO_AIR;32SPF885850;060829ZJAN99;AGCON_1;GCAP1;

UNIT AGAIR1; SU-24-FENCER 1 K_KILLED,
PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS13;32SPG901122;060830ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;SILK4;32SPG824041;060830ZJAN99;AGCON_1;IS ENGAGED BY
ENG
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;SILK4;32SPG824041;060830ZJAN99;AGCON_1;IS ENGAGED BY
INF_H/B
PRINTED BY: mds007

;UNIT CASUALTY LIMIT ;SILK4;32SPG824041;060830ZJAN99;AGCON_1;HAS REACHED
EFFECTIVE CASUALTY LIMIT
PRINTED BY: mds007

;UNIT DESTRUCTION;SILK4;32SPG824041;060830ZJAN99;AGCON_1;UNIT IS NO LONGER
COMBAT EFFECTIVE
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;SILK4;32SPG824041;060830ZJAN99;AGCON_1;IS
DESTROYED, TERMINATING ENGAGEMENT WITH ENG
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ENG;32SPG812046;060830ZJAN99;MANCON_1;HAS
TERMINATED ENGAGEMENT WITH SILK4, UNIT DESTROYED.
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;SILK4;32SPG824041;060830ZJAN99;AGCON_1;IS
DESTROYED, TERMINATING ENGAGEMENT WITH INF_H/B

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/B;32SPG819048;060830ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT WITH SILK4, UNIT DESTROYED.

PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT
7;32SPG819048;060830ZJAN99;AGCON_1,MANCON_1,MANCON_3;

Initial engagement times:

SILK4; 060828ZJAN99

ENG; 060828ZJAN99

INF_H/B; 060828ZJAN99

Cumulative losses:

UNIT SILK4; TROOPS 8 WIA, UNIT AGSUP; No damage assessed.

Incremental losses (increases since the last report)

UNIT SILK4; TROOPS 8 WIA,

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;TANK2;32SPF587889;060830ZJAN99;AGCON_1;IS ENGAGED BY
INF A/P

PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 7;32SPG819048;060830ZJAN99;AGCON_1,MANCON_3;

Initial engagement times:

SILK4; 060828ZJAN99

INF_H/B; 060828ZJAN99

Cumulative losses:

CE_PRODUCT NORTH RD; No damage assessed.

TROOPS 8 WIA,

No changes in CDA since last report.

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;OBJECT DETECT;VMV_PURPLE;32SPF773974;060830ZJAN99;MANCON_4;HAVE DETECTED
BRIDGE [% 0 DAMAGED] AT 32SPF738992;

PRINTED BY: mds007

;OBJECT DETECT;VMV_PURPLE;32SPF773974;060830ZJAN99;MANCON_4;HAVE DETECTED
RIVER AT 32SPF742979;

PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS14;32SPG901122;060830ZJAN99;MANCON_3;AIR MISSION HAS
LAUNCHED

PRINTED BY: mds007

;AIR MSN LAUNCH;BCAS15;32SPG901122;060830ZJAN99;MANCON_3;AIR MISSION HAS LAUNCHED

PRINTED BY: mds007

;AIR RTE POINT;DL403;32SPF625617;060830ZJAN99;AGCON_1;AIR MISSION HAS REACHED FINAL LAND POINT

PRINTED BY: mds007

;AIRCRAFT STAT;DL403;32SPF625617;060830ZJAN99;AGCON_1;AIR MISSION HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0

PRINTED BY: mds007

;AIR RTE POINT;GCAP1;32SPG663123;060830ZJAN99;MANCON_2;AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT

PRINTED BY: mds007

;AD ENGAGE NOTIFY;BOGEY7;32SPF951907;060830ZJAN99;AGCON_1;

BOGEY7 HAS BEEN FIRED ON BY AAM - NO HITS

PRINTED BY: mds007

;ASSESSMENT REPORT;VF_GREEN;AIR_TO_AIR;32SPG887019;060830ZJAN99;MANCON_2;

NO ASSESSMENT; Msn# GCAP1

PRINTED BY: mds007

;AIR MSN LAUNCH;BA564;32SPF625617;060830ZJAN99;AGCON_1;AIR MISSION HAS LAUNCHED

PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060830ZJAN99;MANCON_4;AIR TRACK BX (BA564) DETECTED AT 32SPF658621; TRACK IS SUSPECT

PRINTED BY: mds007

;AIR MSN ILLUMINATED;BA564;32SPF658621;060830ZJAN99;AGCON_1;AIR MISSION ILLUMINATED BY NON-SAME SIDE RADAR

PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060830ZJAN99;MANCON_4;AIR TRACK BY (BCAS15) DETECTED AT 32SPG898048; TRACK IS FRIENDLY

PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060830ZJAN99;MANCON_4;AIR TRACK BZ (BCAS14) DETECTED AT 32SPG898048; TRACK IS FRIENDLY

PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060830ZJAN99;MANCON_4;AIR TRACK CA (BCAS13) DETECTED AT 32SPG868066; TRACK IS FRIENDLY

PRINTED BY: mds007

;AIR RTE POINT;PCAS7;32SPF587889;060830ZJAN99;MANCON_4,MANCON_1;AIR MISSION HAS REACHED ATTACK POINT

PRINTED BY: mds007

;STATUS CHANGE;TANK2;32SPF587889;060830ZJAN99;AGCON_1; RECEIVING AIR-TO-SURFACE FIRE

PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_PURPLE;AIR_TO_SURFACE;32SPF587889;060830ZJAN99;MANCON_4;PCAS7;

UNIT TANK2; TROOPS 22 WIA, 8 KIA

UNIT TANK2; HMMWV-TOW 3 K_KILLED, 2 M_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;32SPF587889;060830ZJAN99;MANCON_1;PCAS7;

UNIT TANK2; TROOPS 22 WIA, 8 KIA

UNIT TANK2; HMMWV-TOW 3 K_KILLED, 2 M_KILLED,
PRINTED BY: mds007

;ASSESSMENT
REPORT;TANK2;AIR_TO_SURFACE;32SPF587889;060830ZJAN99;AGCON_1;PCAS7;

UNIT TANK2; TROOPS 22 WIA, 8 KIA

UNIT TANK2; HMMWV-TOW 3 K_KILLED, 2 M_KILLED,
PRINTED BY: mds007

;AIR RTE POINT;BCAS14;32SPG897031;060830ZJAN99;MANCON_3;AIR MISSION HAS
REACHED ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;BCAS15;32SPG897031;060830ZJAN99;MANCON_3;AIR MISSION HAS
REACHED ORBIT POINT
PRINTED BY: mds007

;FIRE MSN WARNING;DDG;32SPF959851;060830ZJAN99;MANCON_2;FIRE MISSION DDG UNIT
IS NOT WITHIN AN ACTIVE FIRE SUPPORT AREA.
PRINTED BY: mds007

;FIRE MSN WARNING;DDG;32SPF959851;060830ZJAN99;MANCON_2;FIRE MISSION DDG UNIT
IS NOT WITHIN AN ACTIVE FIRE SUPPORT AREA.
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;FIRE MSN PREP;DDG;32SPF959851;060830ZJAN99;MANCON_2;FIRE MISSION DDG IN
PREPARATION TO FIRE
PRINTED BY: mds007

2. Command History file from 2-23-99_J41J43_V1

The following is an example of an Excel spreadsheet showing a four-node run Command History. The pages run in the over then down format, in other words the line 1 is shown in its entirety then it jumps down to the next section. All lines and columns are numbered and lettered on each page of the spreadsheet. The Command History contains all commands given from the beginning of the construction of the scenario and assets through to the end of the actual scenario.

A	B	C	D	E	F	G	H	I	J
1	060800ZJAN89	Command History	2-25-99 J41J43 V1	J41J43_V1	NEW				
2	060800ZJAN89	EXERCISE_DB	LOAD	(01MISC_MDS					
3	060800ZJAN89	INTERFAPE	START	(18AO					
4	060800ZJAN89	APPLICATION	CREATE	BASE	STRUCTURE	CONCRETE-STRUCT	man001	CSS	man001
5	060800ZJAN89	CE	CONSTRUCT	NORTH RD				ROAD	12
6	060800ZJAN89	CE	CONSTRUCT	SOUTH RD				ROAD	CONCRETE-2-LANE
7	060800ZJAN89	CE	CONSTRUCT	WEST RD				ROAD	CONCRETE-2-LANE
8	060800ZJAN89	CE	CONSTRUCT	RT 1				ROAD	CONCRETE-2-LANE
9	060800ZJAN89	CE	CONSTRUCT	RT 2				ROAD	CONCRETE-2-LANE
10	060800ZJAN89	CE	CONSTRUCT	NOR BCH				ROAD	GRAVEL
11	060800ZJAN89	CE	CONSTRUCT	SOUTH BCH				ROAD	GRAVEL
12	060800ZJAN89	CE	CREATE	RIVER	NATURAL_TERRAIN	RIVER		ROAD	1032SPG737025
13	060800ZJAN89	CE	CONSTRUCT	BR1				BRIDGE	CONCRETE-BRIDGE-A
14	060800ZJAN89	CE	CONSTRUCT	BR2				BRIDGE	CONCRETE-BRIDGE-A
15	060800ZJAN89	CE	CREATE	SEAPRT	STRUCTURE	PORT-FACILITY		BRIDGE	12
16	060800ZJAN89	CE	CREATE	HILL	NATURAL_TERRAIN	MOUNTAIN			
17	060800ZJAN89	CE	CREATE	ISLAND	NATURAL_TERRAIN	MOUNTAIN			
18	060800ZJAN89	CE	CREATE	E PRT	STRUCTURE	PORT-FACILITY			
19	060800ZJAN89	CE	CREATE	W PRT	STRUCTURE	PORT-FACILITY			
20	060800ZJAN89	CE	CREATE	N PRT	STRUCTURE	PORT-FACILITY			
21	060800ZJAN89	CE	CREATE	S PRT	STRUCTURE	PORT-FACILITY			
22	060800ZJAN89	CE	CREATE	AIRPRT	STRUCTURE	PORT-FACILITY			
23	060800ZJAN89	CE	CREATE	SM1					
24	060800ZJAN89	CE	CONSTRUCT	SM2					
25	060800ZJAN89	CE	CONSTRUCT	SM3					
26	060800ZJAN89	CE	CONSTRUCT	SM4					
27	060800ZJAN89	CE	CONSTRUCT	SM5					
28	060800ZJAN89	CE	CONSTRUCT	SM6					
29	060800ZJAN89	CE	CONSTRUCT	SM7					
30	060800ZJAN89	CE	CONSTRUCT	SM8					
31	060800ZJAN89	CE	CONSTRUCT	M1					
32	060800ZJAN89	CE	CONSTRUCT	M2					
33	060800ZJAN89	CE	CONSTRUCT	M3					
34	060800ZJAN89	CE	CONSTRUCT	M4					
35	060800ZJAN89	CE	CONSTRUCT	M5					
36	060800ZJAN89	CE	CONSTRUCT	M6					
37	060800ZJAN89	ORD_LOAD	DEFINE	VROK	LF	(02ROCKEYE-BOMB			
38	060800ZJAN89	ORD_LOAD	DEFINE	WARM	LF	(02HARM-MSL			
39	060800ZJAN89	ORD_LOAD	DEFINE	WARP	LF	(02HARPOON-MSL			
40	060800ZJAN89	ORD_LOAD	DEFINE	VMVY	LF	(02MAVERICK-LG-MSL			
41	060800ZJAN89	ORD_LOAD	DEFINE	VW2	LF	(02MK-82-BOMB			
42	060800ZJAN89	ORD_LOAD	DEFINE	V63	LF	(02MK-84-BOMB			
43	060800ZJAN89	ORD_LOAD	DEFINE	V64	LF	(02AIM-120-MSL			
44	060800ZJAN89	ORD_LOAD	DEFINE	V65	LF	(02AIM-54-MSL			
45	060800ZJAN89	ORD_LOAD	DEFINE	VPHX	AG	SUPPLY			
46	060800ZJAN89	UNIT	DEFINE	AGSUP	AG	AIR_SQUADRON			
47	060800ZJAN89	UNIT	DEFINE	AGFLD	AG	OPEN			
48	060800ZJAN89	UNIT	DEFINE	AGORD1	AG	SUPPLY			
49	060800ZJAN89	UNIT	DEFINE	AGORD2	AG	AIR_SQUADRON			
50	060800ZJAN89	UNIT	DEFINE	HILFY	AG	INFANTRY			
51	060800ZJAN89	UNIT	DEFINE	ARTY1	AG	ARTILLERY			
52	060800ZJAN89	ASSETS	UPDATE	ARTY1	TROOPS	(018			
53	060800ZJAN89	ASSETS	UPDATE	ARTY1	ASSET	(02152MM-HE			
54	060800ZJAN89	ASSETS	UPDATE	ARTY1	FUEL				
55	060800ZJAN89	ASSETS	UPDATE	ARTY1	RATIONS	100 \$			
56	060800ZJAN89	ASSETS	UPDATE	ARTY1	WATER	20 \$			
57	060800ZJAN89	ASSETS	UPDATE	ARTY2	ARTILLERY	20 \$			
58	060800ZJAN89	ASSETS	UPDATE	ARTY2	TROOPS	(018			
59	060800ZJAN89	ASSETS	UPDATE	ARTY2	ASSET	(02152MM-HE			
60	060800ZJAN89	ASSETS	UPDATE	ARTY2	FUEL	100 \$			
61	060800ZJAN89	ASSETS	UPDATE	ARTY2	RATIONS	20 \$			
62	060800ZJAN89	ASSETS	UPDATE	ARTY2	WATER	20 \$			
63	060800ZJAN89	ASSETS	UPDATE	ARTY3	ARTILLERY	20 \$			
64	060800ZJAN89	ASSETS	UPDATE	ARTY3	TROOPS	(018			
65	060800ZJAN89	ASSETS	UPDATE	ARTY3	ASSET	(02152MM-HE			
66	060800ZJAN89	ASSETS	UPDATE	ARTY3	FUEL	100 \$			
67	060800ZJAN89	ASSETS	UPDATE	ARTY3	RATIONS	20 \$			
68	060800ZJAN89	ASSETS	UPDATE	ARTY3	WATER	20 \$			
69	060800ZJAN89	UNIT	DEFINE	ARTY3	ARTILLERY	20 \$			
70	060800ZJAN89	UNIT	DEFINE	ARTY3	ARTILLERY	20 \$			

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5		50 \$												
6	(0432SPF652923	32SPF719647	32SPG793040	32SPG818020	32SPG824023									
7	(0432SPF658907	32SPF768881	32SPF725904	32SPG70006	32SPG70006									
8	(0232SPG750000	32SPF72999		32SPG44024	32SPG45023									
9	(0432SPG700117	32SPG735008	32SPG746003	32SPG44024	32SPG44024									
10	(0432SPF728978	32SPF731890	32SPF70993	32SPG386956	32SPG800060									
11	(0232SPF847839	32SPF858920		32SPG386956	32SPG386956									
12	(0232SPF864893	32SPF858912		32SPF699220	32SPF699220									
13	32SPG745016	32SPG743009	32SPG740002	32SPF699220	32SPF699220									
14	32SPG741005	RIVER		32SPF721857	32SPF721857									
15	32SPF739892													
16		50 \$												
17	32SPF650927													
18	32SPG936033	32SPG994018	32SPG994046											
19		30 \$												
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24	M-FLD-AS-LOW	(0432SPG931018	32SPG924013	32SPG818020	32SPG824023									
25	M-FLD-AS-LOW	(032SPF816997	32SPF66998	32SPG70006	32SPG70006									
26	M-FLD-AS-LOW	(042SPG655017	32SPG646016	32SPG44024	32SPG45023									
27	M-FLD-AS-LOW	(042SPG871057	32SPG386956	32SPG800060	32SPG800060									
28	M-FLD-AS-LOW	(032SPG398051	32SPG386956	32SPG386956	32SPG386956									
29	M-FLD-AS-LOW	(042SPF862833	32SPF866921	32SPF866921	32SPF866921									
30	M-FLD-AS-LOW	(042SPF875892	32SPF870891	32SPF866921	32SPF866921									
31	M-FLD-AS-LOW	(042SPF803851	32SPF800552	32SPF800552	32SPF800552									
32	M-FLD-AP-LOW	(042SPF774853	32SPF778955	32SPF778955	32SPF778955									
33	M-FLD-AP-LOW	(042SPG816049	32SPG815050	32SPG815051	32SPG817049									
34	M-FLD-AP-LOW	(042SPF796882	32SPF793481	32SPF793481	32SPF793481									
35	M-FLD-AT-LOW	(042SPF795881	32SPF794880	32SPF793884	32SPF794884									
36	M-FLD-AP-LOW	(042SPF754081	32SPF721857	32SPF721857	32SPF721857									
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70	060800ZJAN99	ASSETS	UPDATE	ARTY3	TROOPS	(01B	HEALTHY		
71	060800ZJAN99	ASSETS	UPDATE	ARTY3	FUEL	(02152MM-HE	50	OPERATIONAL	D-20
72	060800ZJAN99	ASSETS	UPDATE	ARTY3	RATIONS		100		
73	060800ZJAN99	ASSETS	UPDATE	ARTY3	WATER		20		
74	060800ZJAN99	ASSETS	UPDATE	ARTY3	AG	ARTILLERY			
75	060800ZJAN99	UNIT	DEFINE	ARTY4	TROOPS	(01B	SECTION	32SPF582753	AGCON_1
76	060800ZJAN99	ASSETS	UPDATE	ARTY4	ASSET	(02152MM-HE	HEALTHY		
77	060800ZJAN99	ASSETS	UPDATE	ARTY4	FUEL		100		
78	060800ZJAN99	ASSETS	UPDATE	ARTY4	RATIONS		20		
79	060800ZJAN99	ASSETS	UPDATE	ARTY4	WATER		20		
80	060800ZJAN99	UNIT	DEFINE	SILK1	AG	ARTILLERY	SECTION	32SPF587807	AGCON_1
81	060800ZJAN99	ASSETS	UPDATE	SILK1	TROOPS	(01B	HEALTHY		
82	060800ZJAN99	ASSETS	UPDATE	SILK1	ASSET	(02152MM-HE	50	OPERATIONAL	D-20
83	060800ZJAN99	ASSETS	UPDATE	SILK1	FUEL		100		
84	060800ZJAN99	ASSETS	UPDATE	SILK1	RATIONS		20		
85	060800ZJAN99	ASSETS	UPDATE	SILK1	WATER		20		
86	060800ZJAN99	UNIT	DEFINE	SILK2	AG	ARTILLERY	SECTION	32SPF597789	AGCON_1
87	060800ZJAN99	ASSETS	UPDATE	SILK2	TROOPS	(01B	HEALTHY		
88	060800ZJAN99	ASSETS	UPDATE	SILK2	ASSET	(02152MM-HE	50	OPERATIONAL	D-20
89	060800ZJAN99	ASSETS	UPDATE	SILK2	FUEL		100		
90	060800ZJAN99	ASSETS	UPDATE	SILK2	RATIONS		20		
91	060800ZJAN99	ASSETS	UPDATE	SILK2	WATER		20		
92	060800ZJAN99	UNIT	DEFINE	SILK3	AG	ARTILLERY	SECTION	32SPF600769	AGCON_1
93	060800ZJAN99	ASSETS	UPDATE	SILK3	TROOPS	(01B	HEALTHY		
94	060800ZJAN99	ASSETS	UPDATE	SILK3	ASSET	(02152MM-HE	50	OPERATIONAL	D-20
95	060800ZJAN99	ASSETS	UPDATE	SILK3	FUEL		100		
96	060800ZJAN99	ASSETS	UPDATE	SILK3	RATIONS		20		
97	060800ZJAN99	ASSETS	UPDATE	SILK3	WATER		20		
98	060800ZJAN99	ASSETS	UPDATE	SILK3	AG	ARTILLERY	SECTION	32SPF601755	AGCON_1
99	060800ZJAN99	UNIT	DEFINE	SILK4	TROOPS	(01B	HEALTHY		
100	060800ZJAN99	ASSETS	UPDATE	SILK4	ASSET	(02152MM-HE	50	OPERATIONAL	D-20
101	060800ZJAN99	ASSETS	UPDATE	SILK4	FUEL		100		
102	060800ZJAN99	ASSETS	UPDATE	SILK4	RATIONS		20		
103	060800ZJAN99	ASSETS	UPDATE	SILK4	WATER		20		
104	060800ZJAN99	UNIT	DEFINE	SILK5	AG	ARTILLERY	SECTION	32SPF602743	AGCON_1
105	060800ZJAN99	ASSETS	UPDATE	SILK5	TROOPS	(01B	HEALTHY		
106	060800ZJAN99	ASSETS	UPDATE	SILK5	ASSET	(02152MM-HE	50	OPERATIONAL	D-20
107	060800ZJAN99	ASSETS	UPDATE	SILK5	FUEL		100		
108	060800ZJAN99	ASSETS	UPDATE	SILK5	RATIONS		20		
109	060800ZJAN99	ASSETS	UPDATE	SILK5	WATER		20		
110	060800ZJAN99	UNIT	DEFINE	SAM1	AG	AIR_DEFENSE	SECTION	32SPF547805	AGCON_1
111	060800ZJAN99	ASSETS	UPDATE	SAM1	TROOPS	(014	HEALTHY		
112	060800ZJAN99	ASSETS	UPDATE	SAM1	FUEL		100		
113	060800ZJAN99	ASSETS	UPDATE	SAM1	RATIONS		30		
114	060800ZJAN99	ASSETS	UPDATE	SAM1	WATER		20		
115	060800ZJAN99	ASSETS	UPDATE	SAM1	ASSET	(01SA-9-MSL	4	OPERATIONAL	
116	060800ZJAN99	ASSETS	UPDATE	SAM1	AG	(01SA-9-SPADMIL	1	OPERATIONAL	
117	060800ZJAN99	UNIT	DEFINE	SAM2	TROOPS	AIR_DEFENSE	SECTION	32SPF548781	AGCON_1
118	060800ZJAN99	ASSETS	UPDATE	SAM2	FUEL		100		
119	060800ZJAN99	ASSETS	UPDATE	SAM2	RATIONS		20		
120	060800ZJAN99	ASSETS	UPDATE	SAM2	WATER		20		
121	060800ZJAN99	ASSETS	UPDATE	SAM2	TROOPS		20		
122	060800ZJAN99	ASSETS	UPDATE	SAM2	ASSET	(014	HEALTHY		
123	060800ZJAN99	ASSETS	UPDATE	SAM2	AG	(01SA-9-MSL	4	OPERATIONAL	
124	060800ZJAN99	ASSETS	UPDATE	SAM2	TROOPS	(01SA-9-SPADMIL	1	OPERATIONAL	
125	060800ZJAN99	UNIT	DEFINE	SAM3	AG	AIR_DEFENSE	SECTION	32SPF548781	AGCON_1
126	060800ZJAN99	ASSETS	UPDATE	SAM3	FUEL		100		
127	060800ZJAN99	ASSETS	UPDATE	SAM3	RATIONS		20		
128	060800ZJAN99	ASSETS	UPDATE	SAM3	WATER		20		
129	060800ZJAN99	ASSETS	UPDATE	SAM3	ASSET	(01SA-9-MSL	4	OPERATIONAL	
130	060800ZJAN99	ASSETS	UPDATE	SAM3	AG	(01SA-9-SPADMIL	1	OPERATIONAL	
131	060800ZJAN99	UNIT	DEFINE	SAM4	TROOPS	AIR_DEFENSE	SECTION	32SPF550740	AGCON_1
132	060800ZJAN99	ASSETS	UPDATE	SAM4	FUEL		100		
133	060800ZJAN99	ASSETS	UPDATE	SAM4	RATIONS		30		
134	060800ZJAN99	ASSETS	UPDATE	SAM4	WATER		20		
135	060800ZJAN99	ASSETS	UPDATE	SAM5	AG	AIR_DEFENSE	SECTION	32SPF550722	AGCON_1
136	060800ZJAN99	UNIT	DEFINE	SAM5	FUEL		100		
137	060800ZJAN99	ASSETS	UPDATE	SAM5	RATIONS		20		
138	060800ZJAN99	ASSETS	UPDATE	SAM5	AG	AIR_DEFENSE	SECTION	32SPF550722	AGCON_1

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71	2	OPERATIONAL	\$											
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74		SIMULATED	FALSE	NO	\$									
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139	060800ZJAN99	ASSETS	UPDATE	SAM5	WATER				
140	060800ZJAN99	ASSETS	UPDATE	SAM5	TROOPS	20 \$	HEALTHY		
141	060800ZJAN99	UNIT	DEFINE	SAM6	AG		SECTION		
142	060800ZJAN99	ASSETS	UPDATE	SAM6	TROOPS		HEALTHY		
143	060800ZJAN99	ASSETS	UPDATE	SAM6	FUEL	100 \$			
144	060800ZJAN99	ASSETS	UPDATE	SAM6	RATIONS	20 \$			
145	060800ZJAN99	ASSETS	UPDATE	SAM6	WATER	20 \$			
146	060800ZJAN99	UNIT	DEFINE	FROG1	AG		SECTION		
147	060800ZJAN99	ASSETS	UPDATE	FROG1	TROOPS		HEALTHY		
148	060800ZJAN99	ASSETS	UPDATE	FROG1	ASSET	4	OPERATIONAL		
149	060800ZJAN99	ASSETS	UPDATE	FROG1	ASSET	1	OPERATIONAL		
150	060800ZJAN99	ASSETS	UPDATE	FROG1	FUEL	100 \$			
151	060800ZJAN99	ASSETS	UPDATE	FROG1	RATIONS	20 \$			
152	060800ZJAN99	UNIT	DEFINE	FROG2	AG		SECTION		
153	060800ZJAN99	ASSETS	UPDATE	FROG2	TROOPS		HEALTHY		
154	060800ZJAN99	ASSETS	UPDATE	FROG2	ASSET	4	OPERATIONAL		
155	060800ZJAN99	ASSETS	UPDATE	FROG2	ASSET	1	OPERATIONAL		
156	060800ZJAN99	ASSETS	UPDATE	FROG2	FUEL	100 \$			
157	060800ZJAN99	ASSETS	UPDATE	FROG2	RATIONS	20 \$			
158	060800ZJAN99	UNIT	DEFINE	FROG3	AG		SECTION		
159	060800ZJAN99	ASSETS	UPDATE	FROG3	TROOPS		HEALTHY		
160	060800ZJAN99	ASSETS	UPDATE	FROG3	ASSET	4	OPERATIONAL		
161	060800ZJAN99	ASSETS	UPDATE	FROG3	ASSET	1	OPERATIONAL		
162	060800ZJAN99	ASSETS	UPDATE	FROG3	FUEL	100 \$			
163	060800ZJAN99	ASSETS	UPDATE	FROG3	RATIONS	20 \$			
164	060800ZJAN99	UNIT	DEFINE	FROG4	AG		SECTION		
165	060800ZJAN99	ASSETS	UPDATE	FROG4	TROOPS		HEALTHY		
166	060800ZJAN99	ASSETS	UPDATE	FROG4	ASSET	4	OPERATIONAL		
167	060800ZJAN99	ASSETS	UPDATE	FROG4	ASSET	1	OPERATIONAL		
168	060800ZJAN99	ASSETS	UPDATE	FROG4	FUEL	100 \$			
169	060800ZJAN99	ASSETS	UPDATE	FROG4	RATIONS	20 \$			
170	060800ZJAN99	UNIT	DEFINE	FROG5	AG		SECTION		
171	060800ZJAN99	ASSETS	UPDATE	FROG5	TROOPS		HEALTHY		
172	060800ZJAN99	ASSETS	UPDATE	FROG5	ASSET	4	OPERATIONAL		
173	060800ZJAN99	ASSETS	UPDATE	FROG5	ASSET	1	OPERATIONAL		
174	060800ZJAN99	ASSETS	UPDATE	FROG5	FUEL	100 \$			
175	060800ZJAN99	ASSETS	UPDATE	FROG5	RATIONS	20 \$			
176	060800ZJAN99	UNIT	DEFINE	FROG6	AG		SECTION		
177	060800ZJAN99	ASSETS	UPDATE	FROG6	TROOPS		HEALTHY		
178	060800ZJAN99	ASSETS	UPDATE	FROG6	ASSET	4	OPERATIONAL		
179	060800ZJAN99	ASSETS	UPDATE	FROG6	ASSET	1	OPERATIONAL		
180	060800ZJAN99	ASSETS	UPDATE	FROG6	FUEL	100 \$			
181	060800ZJAN99	ASSETS	UPDATE	FROG6	RATIONS	20 \$			
182	060800ZJAN99	UNIT	DEFINE	FROG7	AG		SECTION		
183	060800ZJAN99	ASSETS	UPDATE	FROG7	TROOPS		HEALTHY		
184	060800ZJAN99	ASSETS	UPDATE	FROG7	ASSET	4	OPERATIONAL		
185	060800ZJAN99	ASSETS	UPDATE	FROG7	ASSET	1	OPERATIONAL		
186	060800ZJAN99	ASSETS	UPDATE	FROG7	FUEL	100 \$			
187	060800ZJAN99	ASSETS	UPDATE	FROG7	RATIONS	20 \$			
188	060800ZJAN99	UNIT	DEFINE	FROG8	AG		SECTION		
189	060800ZJAN99	ASSETS	UPDATE	FROG8	TROOPS		HEALTHY		
190	060800ZJAN99	ASSETS	UPDATE	FROG8	ASSET	4	OPERATIONAL		
191	060800ZJAN99	ASSETS	UPDATE	FROG8	ASSET	1	OPERATIONAL		
192	060800ZJAN99	ASSETS	UPDATE	FROG8	FUEL	100 \$			
193	060800ZJAN99	ASSETS	UPDATE	FROG8	RATIONS	20 \$			
194	060800ZJAN99	UNIT	DEFINE	FROG9	AG		SECTION		
195	060800ZJAN99	ASSETS	UPDATE	FROG9	TROOPS		HEALTHY		
196	060800ZJAN99	ASSETS	UPDATE	FROG9	ASSET	4	OPERATIONAL		
197	060800ZJAN99	ASSETS	UPDATE	FROG9	ASSET	1	OPERATIONAL		
198	060800ZJAN99	ASSETS	UPDATE	FROG9	FUEL	100 \$			
199	060800ZJAN99	ASSETS	UPDATE	FROG9	RATIONS	20 \$			
200	060800ZJAN99	UNIT	DEFINE	FROG10	AG		SECTION		
201	060800ZJAN99	ASSETS	UPDATE	FROG10	TROOPS		HEALTHY		
202	060800ZJAN99	ASSETS	UPDATE	FROG10	ASSET	4	OPERATIONAL		
203	060800ZJAN99	ASSETS	UPDATE	FROG10	ASSET	1	OPERATIONAL		
204	060800ZJAN99	ASSETS	UPDATE	FROG10	FUEL	100 \$			
205	060800ZJAN99	ASSETS	UPDATE	FROG10	RATIONS	20 \$			
206	060800ZJAN99	UNIT	DEFINE	FROG11	AG		SECTION		
207	060800ZJAN99	ASSETS	UPDATE	FROG11	TROOPS		HEALTHY		
208	060800ZJAN99	ASSETS	UPDATE	FROG11	ASSET	4	OPERATIONAL		
209	060800ZJAN99	ASSETS	UPDATE	FROG11	ASSET	1	OPERATIONAL		
210	060800ZJAN99	ASSETS	UPDATE	FROG11	FUEL	100 \$			
211	060800ZJAN99	ASSETS	UPDATE	FROG11	RATIONS	20 \$			

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141		SIMULATED	FALSE	NO	\$									
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153		SIMULATED	FALSE	NO	\$									
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209 060800ZJAN99	mds007	ASSETS	UPDATE	FROG9	WATER				
209 060800ZJAN99	mds007	UNIT	DEFINE	FROG10	AG	ARTILLERY			
210 060800ZJAN99	mds007	ASSETS	UPDATE	FROG10	TROOPS	014		32SPF527652	AGCON_1
211 060800ZJAN99	mds007	ASSETS	UPDATE	FROG10	ASSET	01FROG-7-HE-MSL			
212 060800ZJAN99	mds007	ASSETS	UPDATE	FROG10	FUEL	01FROG-7-SSM		4 OPERATIONAL	
213 060800ZJAN99	mds007	ASSETS	UPDATE	FROG10	RATONS			1 OPERATIONAL	
214 060800ZJAN99	mds007	ASSETS	UPDATE	FROG10	WATER				
215 060800ZJAN99	mds007	UNIT	DEFINE	FROG11	AG	ARTILLERY			
217 060800ZJAN99	mds007	ASSETS	UPDATE	FROG11	TROOPS	014		32SPF526845	AGCON_1
218 060800ZJAN99	mds007	ASSETS	UPDATE	FROG11	ASSET	01FROG-7-HE-MSL			
220 060800ZJAN99	mds007	ASSETS	UPDATE	FROG11	FUEL	01FROG-7-SSM		4 OPERATIONAL	
221 060800ZJAN99	mds007	ASSETS	UPDATE	FROG11	RATONS			1 OPERATIONAL	
222 060800ZJAN99	mds007	UNIT	DEFINE	FROG11	WATER				
223 060800ZJAN99	mds007	UNIT	DEFINE	TANK1	AG	TANK			
224 060800ZJAN99	mds007	UNIT	DEFINE	TANK2	AG	TANK		32SPF428801	AGCON_1
225 060800ZJAN99	mds007	UNIT	DEFINE	TANK3	AG	TANK		32SPF430778	AGCON_1
226 060800ZJAN99	mds007	UNIT	DEFINE	TANK4	AG	TANK		32SPF431757	AGCON_1
227 060800ZJAN99	mds007	UNIT	DEFINE	TANK5	AG	TANK		32SPF432739	AGCON_1
228 060800ZJAN99	mds007	UNIT	DEFINE	TANK6	AG	TANK		32SPF436718	AGCON_1
230 060800ZJAN99	mds007	UNIT	DEFINE	LIVEH1	AG	LIGHT ARMOR		32SPF586839	AGCON_1
231 060800ZJAN99	mds007	UNIT	DEFINE	LIVEH2	AG	LIGHT ARMOR		32SPF610829	AGCON_1
232 060800ZJAN99	mds007	UNIT	DEFINE	LIVEH3	AG	LIGHT ARMOR		32SPF627820	AGCON_1
233 060800ZJAN99	mds007	UNIT	DEFINE	PB1	AG	SHIP		32SPF486605	AGCON_1
234 060800ZJAN99	mds007	ASSETS	UPDATE	PB1	TROOPS	01IPC-BOAT		1 OPERATIONAL	
235 060800ZJAN99	mds007	ASSETS	UPDATE	PB1	FUEL	0130			
236 060800ZJAN99	mds007	ASSETS	UPDATE	PB1	RATONS			1000 \$	
237 060800ZJAN99	mds007	ASSETS	UPDATE	PB1	WATER			1000 \$	
238 060800ZJAN99	mds007	UNIT	DEFINE	PB2	AG	SHIP			
239 060800ZJAN99	mds007	ASSETS	UPDATE	PB2	TROOPS	01IPC-BOAT		1 OPERATIONAL	AGCON_1
240 060800ZJAN99	mds007	ASSETS	UPDATE	PB2	FUEL	0130			
241 060800ZJAN99	mds007	ASSETS	UPDATE	PB2	RATONS			1000 \$	
242 060800ZJAN99	mds007	ASSETS	UPDATE	PB2	WATER			1000 \$	
243 060800ZJAN99	mds007	ASSETS	UPDATE	PB2	AG	SHIP			
244 060800ZJAN99	mds007	UNIT	DEFINE	PB3	TROOPS	01IPC-BOAT		1 OPERATIONAL	AGCON_1
245 060800ZJAN99	mds007	ASSETS	UPDATE	PB3	FUEL	0130			
246 060800ZJAN99	mds007	ASSETS	UPDATE	PB3	RATONS			1000 \$	
247 060800ZJAN99	mds007	ASSETS	UPDATE	PB3	FUEL			1000 \$	
248 060800ZJAN99	mds007	ASSETS	UPDATE	PB3	RATONS			1000 \$	
249 060800ZJAN99	mds007	ASSETS	UPDATE	PB3	WATER			1000 \$	
250 060800ZJAN99	mds007	UNIT	DEFINE	PB4	AG	SHIP			
251 060800ZJAN99	mds007	ASSETS	UPDATE	PB4	TROOPS	01IPC-BOAT		1 OPERATIONAL	AGCON_1
252 060800ZJAN99	mds007	ASSETS	UPDATE	PB4	FUEL	0130			
253 060800ZJAN99	mds007	ASSETS	UPDATE	PB4	RATONS			1000 \$	
254 060800ZJAN99	mds007	ASSETS	UPDATE	PB4	WATER			1000 \$	
255 060800ZJAN99	mds007	UNIT	DEFINE	PB5	AG	SHIP			
256 060800ZJAN99	mds007	ASSETS	UPDATE	PB5	TROOPS	01IPC-BOAT		1 OPERATIONAL	AGCON_1
257 060800ZJAN99	mds007	ASSETS	UPDATE	PB5	FUEL	0130			
258 060800ZJAN99	mds007	ASSETS	UPDATE	PB5	RATONS			1000 \$	
259 060800ZJAN99	mds007	ASSETS	UPDATE	PB5	FUEL			1000 \$	
260 060800ZJAN99	mds007	ASSETS	UPDATE	PB5	RATONS			1000 \$	
261 060800ZJAN99	mds007	ASSETS	UPDATE	PB5	WATER			1000 \$	
262 060800ZJAN99	mds007	UNIT	DEFINE	SUB1	AG	SHIP			
263 060800ZJAN99	mds007	ASSETS	UPDATE	SUB1	TROOPS	01SUBMARINE		1 OPERATIONAL	AGCON_1
264 060800ZJAN99	mds007	ASSETS	UPDATE	SUB1	FUEL	0130			
265 060800ZJAN99	mds007	ASSETS	UPDATE	SUB1	RATONS			1000 \$	
266 060800ZJAN99	mds007	ASSETS	UPDATE	SUB1	FUEL			1000 \$	
267 060800ZJAN99	mds007	ASSETS	UPDATE	SUB1	WATER			1000 \$	
268 060800ZJAN99	mds007	UNIT	DEFINE	SUB2	AG	SHIP			
269 060800ZJAN99	mds007	ASSETS	UPDATE	SUB2	TROOPS	01SUBMARINE		1 OPERATIONAL	AGCON_1
270 060800ZJAN99	mds007	ASSETS	UPDATE	SUB2	FUEL	0130			
271 060800ZJAN99	mds007	ASSETS	UPDATE	SUB2	RATONS			1000 \$	
272 060800ZJAN99	mds007	ASSETS	UPDATE	SUB2	FUEL			1000 \$	
273 060800ZJAN99	mds007	ASSETS	UPDATE	SUB2	WATER			1000 \$	
274 060800ZJAN99	mds007	UNIT	DEFINE	SUB3	AG	SHIP			
275 060800ZJAN99	mds007	ASSETS	UPDATE	SUB3	TROOPS	01SUBMARINE		1 OPERATIONAL	AGCON_1
276 060800ZJAN99	mds007	ASSETS	UPDATE	SUB3	FUEL	0130			
277 060800ZJAN99	mds007	ASSETS	UPDATE	SUB3	RATONS			1000 \$	
278 060800ZJAN99	mds007	ASSETS	UPDATE	SUB3	WATER			1000 \$	
279 060800ZJAN99	mds007	ASSETS	UPDATE	SUB3	AG	SHIP			
280 060800ZJAN99	mds007	ASSETS	UPDATE	SUB3	TROOPS	01SUBMARINE		1 OPERATIONAL	AGCON_1

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209	SIMULATED		FALSE	NO	\$									
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216	SIMULATED		FALSE	NO	\$									
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223	SIMULATED		FALSE	YES	USMC	M1A1								
224	SIMULATED		FALSE	YES	USMC	M1A1								
225	SIMULATED		FALSE	YES	USMC	M1A1								
226	SIMULATED		FALSE	YES	USMC	M1A1								
227	SIMULATED		FALSE	YES	USMC	M1A1								
228	SIMULATED		FALSE	YES	USMC	M1A1								
229	SIMULATED		FALSE	YES	USMC	M1A1								
230	SIMULATED		FALSE	YES	USMC	LAI								
231	SIMULATED		FALSE	YES	USMC	LAI								
232	SIMULATED		FALSE	NO	\$									
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268	SIMULATED		FALSE	NO	\$									
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274	SIMULATED		FALSE	NO	\$									
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277 060800ZJAN99	mds007	ASSETS	UPDATE	SUB3	FUEL				
278 060800ZJAN99	mds007	ASSETS	UPDATE	SUB3	RATIONS	1000 \$			
279 060800ZJAN99	mds007	ASSETS	UPDATE	SUB3	WATER	1000 \$			
280 060800ZJAN99	mds007	UNIT	DEFINE	SUB4	AG		COMPANY		
281 060800ZJAN99	mds007	ASSETS	UPDATE	SUB4	ASSET		HEALTHY		
282 060800ZJAN99	mds007	ASSETS	UPDATE	SUB4	TROOPS			32SPF470742	AGCON_1
283 060800ZJAN99	mds007	ASSETS	UPDATE	SUB4	FUEL	1000 \$		OPERATIONAL	
284 060800ZJAN99	mds007	ASSETS	UPDATE	SUB4	RATIONS	1000 \$			
285 060800ZJAN99	mds007	ASSETS	UPDATE	SUB4	WATER	1000 \$			
286 060800ZJAN99	mds007	UNIT	DEFINE	SUB5	AG				
287 060800ZJAN99	mds007	ASSETS	UPDATE	SUB5	ASSET			32SPF469720	AGCON_1
288 060800ZJAN99	mds007	ASSETS	UPDATE	SUB5	TROOPS			OPERATIONAL	
289 060800ZJAN99	mds007	ASSETS	UPDATE	SUB5	FUEL	1000 \$			
290 060800ZJAN99	mds007	ASSETS	UPDATE	SUB5	RATIONS	1000 \$			
291 060800ZJAN99	mds007	UNIT	DEFINE	SUB5	FUEL				
292 060800ZJAN99	mds007	UNIT	DEFINE	SUB5	RATIONS				
293 060800ZJAN99	mds007	AIRCRAFT	DEFINE	COMSUP	CIV				
294 060800ZJAN99	mds007	AIRCRAFT	DEFINE	COMAIR	CIV			32SPF626817	AGCON_1
295 060800ZJAN99	mds007	AIRCRAFT	DEFINE	BOEING-747	COMAIR	6686		32SPF626817	AGCON_1
296 060800ZJAN99	mds007	UNIT	DEFINE	COMFLD	COMFLD			48 \$	
297 060800ZJAN99	mds007	ASSETS	UPDATE	CV	LF			COMSUP	MANCON_2
298 060800ZJAN99	mds007	UNIT	DEFINE	VF_GREEN	FUEL	1000000 \$		32SPG902122	MANCON_2
299 060800ZJAN99	mds007	UNIT	DEFINE	F-14	VF_GREEN			CV	MANCON_2
300 060800ZJAN99	mds007	AIRCRAFT	DEFINE	F-14	VF_GREEN	2222		CV	MANCON_1
301 060800ZJAN99	mds007	UNIT	DEFINE	VF_FLAG	VF_FLAG	2222		CV	MANCON_1
302 060800ZJAN99	mds007	UNIT	DEFINE	FA-18	VF_FLAG	2222		CV	MANCON_3
303 060800ZJAN99	mds007	UNIT	DEFINE	FA-18	VF_BLUE	2222		CV	MANCON_3
304 060800ZJAN99	mds007	UNIT	DEFINE	FA-18	VF_BLUE	2222		CV	MANCON_4
305 060800ZJAN99	mds007	AIRCRAFT	DEFINE	FA-18	VF_PURPLE	2222		CV	MANCON_4
306 060800ZJAN99	mds007	UNIT	DEFINE	CV	CV				
307 060800ZJAN99	mds007	UNIT	DEFINE	CG	CG				
308 060800ZJAN99	mds007	UNIT	DEFINE	FG	FG				
309 060800ZJAN99	mds007	UNIT	DEFINE	DDG	DDG				
310 060800ZJAN99	mds007	CONTROL_MEASURE	DEFINE	THEATRE	THEATRE				
311 060800ZJAN99	mds007	UNIT	DEFINE	SMC	SMC				
312 060800ZJAN99	mds007	UNIT	DEFINE	LPD	LPD				
313 060800ZJAN99	mds007	UNIT	DEFINE	VMV_BLUE	VMV_BLUE				
314 060800ZJAN99	mds007	AIRCRAFT	DEFINE	MV-22	VMV_BLUE				
315 060800ZJAN99	mds007	AIRCRAFT	DEFINE	LPD	LPD				
316 060800ZJAN99	mds007	UNIT	DEFINE	AAV/B	AAV/B				
317 060800ZJAN99	mds007	ASSETS	UPDATE	AAV/B	AAV/B				
318 060800ZJAN99	mds007	UNIT	DEFINE	AAV/B	AAV/B				
319 060800ZJAN99	mds007	ASSETS	UPDATE	LHA	LHA				
320 060800ZJAN99	mds007	SEARCH_RADAR	DEFINE	LHA	FUEL	1000000 \$			
321 060800ZJAN99	mds007	UNIT	DEFINE	VMV_PURPLE	VMV_PURPLE				
322 060800ZJAN99	mds007	AIRCRAFT	DEFINE	MV-22	VMV_PURPLE				
323 060800ZJAN99	mds007	AIRCRAFT	DEFINE	LHA	LHA				
324 060800ZJAN99	mds007	UNIT	DEFINE	AAV/P	AAV/P				
325 060800ZJAN99	mds007	ASSETS	UPDATE	AAV/P	AAV/P				
326 060800ZJAN99	mds007	UNIT	DEFINE	SOF	SOF				
327 060800ZJAN99	mds007	UNIT	DEFINE	INVISIBLE	INVISIBLE				
328 060800ZJAN99	mds007	UNIT	DEFINE	ENGINEER	ENGINEER				
329 060800ZJAN99	mds007	UNIT	DEFINE	MED/B	MED/B				
330 060800ZJAN99	mds007	UNIT	DEFINE	MED/T/P	MED/T/P				
331 060800ZJAN99	mds007	UNIT	DEFINE	MED/Z/P	MED/Z/P				
332 060800ZJAN99	mds007	UNIT	DEFINE	INF T/B	INF T/B				
333 060800ZJAN99	mds007	UNIT	DEFINE	INF A/B	INF A/B				
334 060800ZJAN99	mds007	UNIT	DEFINE	INF H/P	INF H/P				
335 060800ZJAN99	mds001	UNIT	DEFINE	INF A/P	INF A/P				
336 060800ZJAN99	mds013	ORD_LOAD	DEFINE	HARP	HARP				
337 060800ZJAN99	mds013	AIR_MISSION	DEFINE	HT	HARP				
338 060800ZJAN99	mds002	STATE	RUN	HT	HARP				
339 060800ZJAN99	mds002	UNIT	LOCATE	SMC	HARP				
340 060800ZJAN99	mds005	AIR_MISSION	DEFINE	SOFFCAS1	SOFFCAS1				
341 060800ZJAN99	mds005	AIR_MISSION	DEFINE	FA-18	FA-18				
342 060800ZJAN99	mds002	AIR_MISSION	DEFINE	GCAP1	GCAP1				
343 060800ZJAN99	mds007	AIR_MISSION	DEFINE	AA88	BOEING-747				
344 060800ZJAN99	mds002	AIR_MISSION	DEFINE	GCAP2	GCAP2				
345 060800ZJAN99	mds005	AIR_MISSION	DEFINE	FCAS2	FCAS2				

K	L	M	N	O	P	Q	R	S	T	U	V	W	X
277													
278													
279	SIMULATED	FALSE	NO										
280													
281													
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285													
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287													
288													
289													
290													
291	SIMULATED	FALSE	YES	USMC	AV_ORD								
292	SIMULATED	FALSE	YES	USMC	VMFA								
293													
294													
295	SIMULATED	FALSE	YES	USN	NIMITZ_CLASS								
296													
297	SIMULATED	FALSE	YES	USMC	VMFA								
298													
299	SIMULATED	FALSE	YES	USMC	VMFA								
300													
301	SIMULATED	FALSE	YES	USMC	VMFA								
302													
303	SIMULATED	FALSE	YES	USMC	VMFA								
304													
305	VF_BLUE	VF_PURPLE	X00										
306	SIMULATED	FALSE	YES	USN	TICO_CLASS								
307	SIMULATED	FALSE	YES	USN	PERRY_CLASS								
308	SIMULATED	FALSE	YES	USN	KIDD_CLASS								
309													
310	SIMULATED	FALSE	YES	USN	LST								
311	SIMULATED	FALSE	YES	USN	LPD								
312	SIMULATED	FALSE	YES	USMC	HMM								
313													
314													
315	SIMULATED	FALSE	NO										
316													
317	SIMULATED	FALSE	YES	USN	LHA								
318													
319													
320	SIMULATED	FALSE	YES	USMC	HMM								
321													
322													
323	SIMULATED	FALSE	NO										
324													
325	SIMULATED	FALSE	YES	USMC	FORCE_RECON								
326													
327	SIMULATED	FALSE	YES	USMC	CMB_ENG								
328	SIMULATED	FALSE	YES	USMC	MED_DET								
329	SIMULATED	FALSE	YES	USMC	MED_DET								
330	SIMULATED	FALSE	YES	USMC	MED_DET								
331	SIMULATED	FALSE	YES	USMC	IFY_3								
332	SIMULATED	FALSE	YES	USMC	IFY_3								
333	SIMULATED	FALSE	YES	USMC	IFY_3								
334	SIMULATED	FALSE	YES	USMC	IFY_3								
335													
336													
337		CM	HARP				TAKE_OFF			MEDIUM	ATTACK		
338													
339	SOF	CAS	WMAV				TAKE_OFF			MEDIUM	ORBIT		
340	SOF	CAS	WMAV				TAKE_OFF			MEDIUM	ORBIT		
341													
342													
343		TRANSPORT	TAKE_OFF				WAY_POINT			HIGH	WAY_POINT		
344		CAP	WPHX				TAKE_OFF			HIGH	WAY_POINT		
345	SOF	CAS	WMAV				TAKE_OFF			MEDIUM	ORBIT		

	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ
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342											
343	WAY POINT	328CF060066	MEDIUM	WAY POINT	328CF045728	MEDIUM	WAY POINT	328PF726965	MEDIUM	WAY POINT	\$
344											
345											

A	B	C	D	E	F	G	H	I	J		
346 060807ZJAN89	mds002	AIR MISSION	DEFINIE	BCAS1	FA-18			1	VF BLUE	CV	
347 060807ZJAN89	mds002	CE	REMOVE	SM7							
348 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS2	FA-18			1	VF BLUE	CV	
349 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS3	FA-18			1	VF BLUE	CV	
350 060807ZJAN89	mds003	AIR MISSION	DEFINIE	BCAS1	FA-18			1	VF PURPLE	CV	
351 060807ZJAN89	mds002	CE	REMOVE	SM8							
352 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS4	FA-18			1	VF BLUE	CV	
353 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS5	FA-18			1	VF BLUE	CV	
354 060807ZJAN89	mds003	AIR MISSION	DEFINIE	BCAS2	FA-18			1	VF BLUE	CV	
355 060807ZJAN89	mds005	AIR MISSION	DEFINIE	FCAS3	FA-18			1	VF PURPLE	CV	
356 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS8	FA-18			1	VF PURPLE	CV	
357 060807ZJAN89	mds003	AIR MISSION	DEFINIE	FCAS6	FA-18			1	VF PURPLE	CV	
358 060807ZJAN89	mds002	AIR MISSION	DEFINIE	FCAS3	FA-18			1	VF PURPLE	CV	
359 060807ZJAN89	mds005	AIR MISSION	DEFINIE	FCAS7	FA-18			1	VF PURPLE	CV	
360 060807ZJAN89	mds005	AIR MISSION	DEFINIE	FCAS4	FA-18			1	VF PURPLE	CV	
361 060807ZJAN89	mds002	AIR MISSION	DEFINIE	FCAS5	FA-18			1	VF PURPLE	CV	
362 060807ZJAN89	mds003	AIR MISSION	DEFINIE	GCAP4	FA-18			1	VF PURPLE	CV	
363 060807ZJAN89	mds007	SHIP OPERATIONS	LOCATE	PB1	FA-18			1	VF PURPLE	CV	
364 060807ZJAN89	mds007	SHIP OPERATIONS	LOCATE	PB1	FA-18			1	VF PURPLE	CV	
365 060807ZJAN89	mds003	AIR MISSION	DEFINIE	PCAS2	FA-18			1	VF PURPLE	CV	
366 060807ZJAN89	mds002	AIR MISSION	DEFINIE	GCAP3	FA-18			1	VF PURPLE	CV	
367 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS1	FA-18			1	VF PURPLE	CV	
368 060807ZJAN89	mds003	AIR MISSION	DEFINIE	PCAS8	FA-18			1	VF PURPLE	CV	
369 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS8	FA-18			1	VF PURPLE	CV	
370 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS2	FA-18			1	VF PURPLE	CV	
371 060807ZJAN89	mds005	AIR MISSION	DEFINIE	FCAS3	FA-18			1	VF PURPLE	CV	
372 060807ZJAN89	mds001	AIR MISSION	DEFINIE	FCAS4	FA-18			1	VF PURPLE	CV	
373 060807ZJAN89	mds005	AIR MISSION	DEFINIE	FCAS7	FA-18			1	VF PURPLE	CV	
374 060807ZJAN89	mds005	AIR MISSION	DEFINIE	FCAS8	FA-18			1	VF PURPLE	CV	
375 060807ZJAN89	mds005	AIR MISSION	DEFINIE	FCAS7	FA-18			1	VF PURPLE	CV	
376 060807ZJAN89	mds007	SHIP OPERATIONS	LOCATE	LDVH1	FA-18			1	VF PURPLE	CV	
377 060807ZJAN89	mds003	AIR MISSION	DEFINIE	PCAS1	FA-18			1	VF PURPLE	CV	
378 060807ZJAN89	mds001	AIR MISSION	DEFINIE	INF_AIB	FA-18			1	VF PURPLE	CV	
379 060807ZJAN89	mds003	AIR MISSION	DEFINIE	PCAS2	FA-18			1	VF PURPLE	CV	
380 060807ZJAN89	mds001	AIR MISSION	DEFINIE	INF_HIB	FA-18			1	VF PURPLE	CV	
381 060807ZJAN89	mds007	SHIP OPERATIONS	LOCATE	LDVH1	FA-18			1	VF PURPLE	CV	
382 060807ZJAN89	mds005	AIR MISSION	DEFINIE	FCAS1	FA-18			1	VF PURPLE	CV	
383 060807ZJAN89	mds007	SHIP OPERATIONS	LOCATE	SUB1	FA-18			1	VF PURPLE	CV	
384 060807ZJAN89	mds007	SHIP OPERATIONS	LOCATE	BY SHIP	FA-18			1	VF PURPLE	CV	
385 060807ZJAN89	mds003	AIR MISSION	DEFINIE	BOGEY	FA-18			1	VF PURPLE	CV	
386 060807ZJAN89	mds001	AIR MISSION	DEFINIE	AAVIP	FA-18			1	VF PURPLE	CV	
387 060807ZJAN89	mds002	AIR MISSION	DEFINIE	INF_AIB	FA-18			1	VF PURPLE	CV	
388 060807ZJAN89	mds005	AIR MISSION	DEFINIE	ASV	FA-18			1	VF PURPLE	CV	
389 060807ZJAN89	mds005	AIR MISSION	DEFINIE	ENG	FA-18			1	VF PURPLE	CV	
390 060807ZJAN89	mds007	SHIP OPERATIONS	LOCATE	LDVH1	FA-18			1	VF PURPLE	CV	
391 060807ZJAN89	mds005	AIR MISSION	DEFINIE	M3	FA-18			1	VF PURPLE	CV	
392 060807ZJAN89	mds007	SHIP OPERATIONS	LOCATE	FROG1	FA-18			1	VF PURPLE	CV	
393 060807ZJAN89	mds005	AIR MISSION	DEFINIE	M4	FA-18			1	VF PURPLE	CV	
394 060807ZJAN89	mds001	AIR MISSION	DEFINIE	INF_AIB	FA-18			1	VF PURPLE	CV	
395 060807ZJAN89	mds003	AIR MISSION	DEFINIE	INF_AIP	FA-18			1	VF PURPLE	CV	
396 060807ZJAN89	mds001	AIR MISSION	DEFINIE	INF_HIB	FA-18			1	VF PURPLE	CV	
397 060807ZJAN89	mds007	SHIP OPERATIONS	LOCATE	TANK1	FA-18			1	VF PURPLE	CV	
398 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS5	FA-18			1	VF PURPLE	CV	
399 060807ZJAN89	mds002	AIR MISSION	DEFINIE	ASW1	FA-18			1	VF PURPLE	CV	
400 060807ZJAN89	mds003	AIR MISSION	DEFINIE	PCAS3	FA-18			1	VF PURPLE	CV	
401 060807ZJAN89	mds007	SHIP OPERATIONS	LOCATE	LDVH2	FA-18			1	VF PURPLE	CV	
402 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS6	FA-18			1	VF PURPLE	CV	
403 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS7	FA-18			1	VF PURPLE	CV	
404 060807ZJAN89	mds002	AIR MISSION	DEFINIE	CG	FA-18			1	VF PURPLE	CV	
405 060807ZJAN89	mds003	AIR MISSION	DEFINIE	PCAS3	FA-18			1	VF PURPLE	CV	
406 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS7	FA-18			1	VF PURPLE	CV	
407 060807ZJAN89	mds007	SHIP OPERATIONS	LOCATE	FROG2	FA-18			1	VF PURPLE	CV	
408 060807ZJAN89	mds007	SHIP OPERATIONS	LOCATE	UN18	FA-18			1	VF PURPLE	CV	
409 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS8	FA-18			1	VF PURPLE	CV	
410 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS9	FA-18			1	VF PURPLE	CV	
411 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS10	FA-18			1	VF PURPLE	CV	
412 060807ZJAN89	mds001	AIR MISSION	DEFINIE	BCAS8	FA-18			1	VF PURPLE	CV	
413 060807ZJAN89	mds003	AIR MISSION	DEFINIE	BCAS10	FA-18			1	VF PURPLE	CV	
414 060807ZJAN89	mds002	AIR MISSION	DEFINIE	INF_HIP	FA-18			1	VF PURPLE	CV	
				ASW2	FA-18			1	VF PURPLE	CV	
				HARPOON-SSM	FA-18			1	VF PURPLE	CV	

K	L	M	N	O	P	Q	R	S	T	U	V	W	X
346	INF_A/B	CAS	VROK			FALSE	TAKE_OFF		(0132SPF60955)	MEDIUM	ORBIT		
347	INF_A/B	CAS	VROK			FALSE	TAKE_OFF		(0132SPF60955)	MEDIUM	ORBIT		
348	INF_A/B	CAS	VROK			FALSE	TAKE_OFF		(0132SPF60955)	MEDIUM	ORBIT		
349	SOF	CAS	VROK			FALSE	TAKE_OFF		(0132SPF62955)	HIGH	ORBIT		
350													
351	INF_A/B	CAS	VROK			FALSE	TAKE_OFF		(0132SPF60955)	MEDIUM	ORBIT		
352	INF_A/B	CAS	VROK			FALSE	TAKE_OFF		(0132SPF60955)	MEDIUM	ORBIT		
353	INF_A/B	CAS	VROK			FALSE	TAKE_OFF		(0132SPF60955)	MEDIUM	ORBIT		
354	SOF	CAS	VROK			FALSE	TAKE_OFF		(0132SPF62955)	HIGH	ORBIT		
355	SOF	CAS	VMAV			FALSE	TAKE_OFF		(0132SQG081210)	MEDIUM	ORBIT		
356	INF_A/B	CAS	VROK			FALSE	TAKE_OFF		(0132SPF60955)	MEDIUM	ORBIT		
357	SOF	CAS	VROK			FALSE	TAKE_OFF		(0132SPF62955)	HIGH	ORBIT		
358	SOF	CAP	VPHX		TAKE_OFF	FALSE	(0132SPG097128)	HIGH	ORBIT		ORBIT		
359	SOF	CAS	VMAV			FALSE	TAKE_OFF		(0132SQG081210)	MEDIUM	ORBIT		
360	SOF	CAS	VMAV			FALSE	TAKE_OFF		(0132SQG081210)	MEDIUM	ORBIT		
361	SOF	CAP	VPHX		TAKE_OFF	FALSE	(0132SPG12128)	HIGH	ORBIT		ORBIT		
362	SOF	CAS	VMAV			FALSE	TAKE_OFF		(0132SPF62955)	HIGH	ORBIT		
363													
364	(0132SPG004060)	CAS	VMAV		TAKE_OFF	FALSE	TAKE_OFF		(0132SPF62955)	HIGH	ORBIT		
365	SOF	CAP	VPHX			FALSE	(0132SPG28128)	HIGH	ORBIT		ORBIT		
366													
367	SOF	CAS	VMAV			FALSE	TAKE_OFF		(0132SPF62955)	HIGH	ORBIT		
368													
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370													
371	SOF	CAS	VROK			FALSE	TAKE_OFF		(0132SQG081210)	MEDIUM	ORBIT		
372	SOF	CAS	VROK			FALSE	TAKE_OFF		(0132SQG081210)	MEDIUM	ORBIT		
373	SOF	CAS	VROK			FALSE	TAKE_OFF		(0132SQG081210)	MEDIUM	ORBIT		
374	SOF	CAS	VROK			FALSE	TAKE_OFF		(0132SQG081210)	MEDIUM	ORBIT		
375	SOF	CAS	VROK			FALSE	TAKE_OFF		(0132SQG081210)	MEDIUM	ORBIT		
376													
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379													
380													
381			(032SPG732012)		32SPG74008		32SPG73008						
382													
383													
384	(0132SPG002122)	DAS	AGORD2			FALSE	TAKE_OFF		(032SPF75965)	VERY_LOW	WAY_POINT	32SPF614865	VERY_LOW
385													
386													
387													
388		CM	HARP			FALSE	TAKE_OFF		(01SUB1)	LOW	ATTACK		
389													
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396													
397													
398		CM	HARP			FALSE	TAKE_OFF		(01SUB1)	LOW	ATTACK		
399													
400													
401													
402	INF_A/B	CAS	VROK			FALSE	TAKE_OFF		(0132SPF60955)	MEDIUM	ORBIT		
403													
404													
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406													
407	TRANSPORT												
408	INF_A/B	CAS	VROK		(0032SPF573843)	MEDIUM	WAY_POINT	32SPG812134	MEDIUM	WAY_POINT	32SPG897252	MEDIUM	WAY_POINT
409	INF_A/B	CAS	VROK			FALSE	TAKE_OFF		(0132SPF60955)	MEDIUM	ORBIT		
410	INF_A/B	CAS	VROK			FALSE	TAKE_OFF		(0132SPF60955)	MEDIUM	ORBIT		
411	INF_A/B	CAS	VROK			FALSE	TAKE_OFF		(0132SPF60955)	MEDIUM	ORBIT		
412													
413		CM	HARP			FALSE	TAKE_OFF		(01SUB1)	LOW	ATTACK		
414													

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO
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384																	
385	WAY_POINT	CV		VERY_LOW	ATTACK												
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409	325QG128166	MEDIUM	WAY_POINT	325QG344048	MEDIUM	WAY_POINT	325QG327717	MEDIUM	WAY_POINT								
410																	
411																	
412																	
413																	
414																	

	AP	AC	AR	AS	AT	AU	AV	AW	AX	AY	AZ
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415 060807ZJAN99	mds001	UNIT	LOCATE	INF_HIB	32SPF77883				
416 060808ZJAN99	mds007	UNIT	LOCATE	SILK1	32SPF42898				
417 060808ZJAN99	mds001	UNIT	LOCATE	INF_AB	32SPF74481				
418 060808ZJAN99	mds003	UNIT	LOCATE	MMV_PURPLE	32SPF44829				
419 060808ZJAN99	mds007	UNIT	LOCATE	TANK1	32SPF22198				
420 060808ZJAN99	mds005	UNIT	LOCATE	ENG	32SPF71848				
421 060809ZJAN99	mds001	UNIT	LOCATE	INF_AB	32SPF76886				
422 060809ZJAN99	mds005	CE	REMOVE	MI					
423 060809ZJAN99	mds001	UNIT	LOCATE	INF_HIB	32SPF76887				
424 060810ZJAN99	mds007	UNIT	LOCATE	FROG1	32SPF22106				
425 060810ZJAN99	mds003	AIR_MISSION	DEFINE	BOGEY2	SU-24-FENCER	2	AGAIR1	AGFLD1	
426 060810ZJAN99	mds001	UNIT	LOCATE	INF_AP	32SPF22830				
427 060810ZJAN99	mds001	UNIT	LOCATE	INF_HIB	32SPF75580				
428 060810ZJAN99	mds001	UNIT	LOCATE	INF_AB	32SPF74885				
429 060810ZJAN99	mds005	UNIT	LOCATE	ENG	32SPF72887				
430 060811ZJAN99	mds001	UNIT	LOCATE	INF_AB	32SPF72404				
431 060811ZJAN99	mds007	UNIT	LOCATE	LDVEH2	32SPF58882				
432 060811ZJAN99	mds005	CE	REMOVE	MS					
433 060811ZJAN99	mds007	SHIP_OPERATIONS	LOCATE	SUB2	32SOF164877				
434 060811ZJAN99	mds007	SHIP_OPERATIONS	MOVE	BY_SHIP		COLLOCATED			
435 060811ZJAN99	mds001	UNIT	LOCATE	INF_HIB	32SPF72488				
436 060811ZJAN99	mds001	UNIT	LOCATE	INF_AP	32SPF22830				
437 060811ZJAN99	mds003	UNIT	LOCATE	MMV_PURPLE	32SPF45830				
438 060811ZJAN99	mds001	UNIT	LOCATE	INF_HIB	32SPF72582				
439 060812ZJAN99	mds007	UNIT	LOCATE	FROG2	32SPF52178				
440 060812ZJAN99	mds001	UNIT	LOCATE	INF_AB	32SPF72586				
441 060812ZJAN99	mds007	UNIT	LOCATE	SILK5	32SPF75181				
442 060812ZJAN99	mds002	AIR_MISSION	DEFINE	ASW3	HARPOON-SSM				
443 060813ZJAN99	mds001	UNIT	LOCATE	INF_HIB	32SPF72786				
444 060813ZJAN99	mds001	UNIT	LOCATE	INF_AB	32SPF72883				
445 060814ZJAN99	mds007	AIR_MISSION	LOCATE	BOGEY3	SU-24-FENCER	2	AGAIR1	AGFLD1	
446 060814ZJAN99	mds007	AIR_MISSION	DEFINE	DL03	BOEING-747	1	COMAIR	COMPLD	
447 060814ZJAN99	mds002	UNIT	LOCATE	INF_AP	32SPF08838				
448 060814ZJAN99	mds001	AIR_MISSION	DIVERT	ASMA	HARPOON-SSM				
449 060814ZJAN99	mds007	UNIT	LOCATE	BCAS9	(0132SPF751830				
450 060815ZJAN99	mds001	UNIT	MISSION	INF_AB	32SPF69079				
451 060815ZJAN99	mds002	AIR_MISSION	DEFINE	ASW5	HARPOON-SSM				
452 060815ZJAN99	mds001	UNIT	MISSION	INF_AB	MOVE				
453 060815ZJAN99	mds005	AIR_MISSION	DIVERT	FCAS7	(0132SPF62879				
454 060815ZJAN99	mds001	UNIT	MISSION	INF_HIB	MOVE				
455 060815ZJAN99	mds007	AIR_MISSION	DEFINE	QY142	BOEING-747	1	COMAIR	COMPLD	
456 060816ZJAN99	mds007	AIR_MISSION	DEFINE	BOGEY4	SU-24-FENCER	2	AGAIR1	AGFLD1	
457 060816ZJAN99	mds002	AIR_MISSION	VECTOR	GCAP1	BA				
458 060816ZJAN99	mds007	UNIT	LOCATE	SILK5	32SPF610875				
459 060816ZJAN99	mds001	UNIT	DIVERT	BCAS10	(0132SPF69877				
460 060816ZJAN99	mds003	UNIT	MISSION	INF_HIP	HOLD				
461 060816ZJAN99	mds001	AIR_MISSION	MISSION	BCAS11	FA-18				
462 060816ZJAN99	mds001	AIR_MISSION	DEFINE	BCAS12	FA-18				
463 060817ZJAN99	mds007	SHIP_OPERATIONS	LOCATE	PB2	32SQ3053159				
464 060817ZJAN99	mds007	SHIP_OPERATIONS	MOVE	BY_SHIP	PB2				
465 060817ZJAN99	MSCDBM	MODE	SUSPEND						
466 060817ZJAN99	MSCDBM	STATE	RUN						
467 060817ZJAN99	mds007	UNIT	LOCATE	LDVEH1	32SPG730815				
468 060818ZJAN99	mds002	UNIT	LOCATE	FROG4	32SPF60817				
469 060818ZJAN99	mds007	AIR_DEFENSE	ASSIGN	CG	BG				
470 060818ZJAN99	mds007	UNIT	MISSION	LDVEH1	DEFEND				
471 060819ZJAN99	mds001	UNIT	DEFINE	HELO1	MI-24-HIND	1	AGAIR1	AGFLD1	
472 060819ZJAN99	mds007	AIR_MISSION	DEFINE	INF_AP	32SPF78543				
473 060819ZJAN99	mds013	UNIT	LOCATE	INF_AB	32SPF730830				
474 060819ZJAN99	mds001	UNIT	LOCATE	INF_HIB	32SPF730830				
475 060819ZJAN99	mds001	UNIT	LOCATE	ARTY1	32SPF76518				
476 060820ZJAN99	mds007	UNIT	LOCATE	FROG3	32SPF524782				
477 060820ZJAN99	mds007	UNIT	LOCATE	BOGEY5	SU-24-FENCER	2	AGAIR1	AGFLD1	
478 060820ZJAN99	mds002	AIR_MISSION	DEFINE	GCAP2	BH				
479 060820ZJAN99	mds002	AIR_MISSION	VECTOR	LDVEH2					
480 060820ZJAN99	mds007	UNIT	LOCATE	FCAS2	32SPF734856				
481 060820ZJAN99	mds001	UNIT	DIVERT	INF_HIB	(01PB2				
482 060820ZJAN99	mds001	UNIT	MISSION	ATTACK	WEDGE				
483 060820ZJAN99	mds001	UNIT	MISSION	ATTACK	WEDGE				

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425		DAS	AGORD2			FALSE	TAKE_OFF		(0423SFF373889	VERY_LOW	WAY_POINT	32SPG508313	VERY_LOW
426													
427													
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432													
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434		(0132SPG972001											
435													
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441													
442		CM	HARP			FALSE	TAKE_OFF		(01SUB2	LOW	ATTACK		
443													
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446		DAS	AGORD2			FALSE	TAKE_OFF		(0423SFF713793	VERY_LOW	WAY_POINT	32SPF759910	VERY_LOW
447		TRANSPORT	TAKE_OFF		(0723SFF551882	MEDIUM	WAY_POINT	32SPG632014	MEDIUM	WAY_POINT	32SPG709136	MEDIUM	WAY_POINT
448		CM	HARP			FALSE	TAKE_OFF		(01SUB2	LOW	ATTACK		
449													
450													
451													
452		200_NO_OVERRIDE				FALSE	TAKE_OFF			LOW	ATTACK		
453													
454													
455		200_NO_OVERRIDE				FALSE	TAKE_OFF			LOW	ATTACK		
456		TRANSPORT	TAKE_OFF										
457		DAS	AGORD2		(0523SFF710776	MEDIUM	WAY_POINT	32SPF78851	MEDIUM	WAY_POINT	32SPF622835	MEDIUM	WAY_POINT
458						FALSE	TAKE_OFF		(0423SFF738785	VERY_LOW	WAY_POINT	32SPF642835	VERY_LOW
459													
460													
461		200	070820ZJAN99										
462		INF_A/B	VROK			FALSE	TAKE_OFF		(0132SFF60958	MEDIUM	ORBIT		
463		INF_A/B	VROK			FALSE	TAKE_OFF		(0132SFF60958	MEDIUM	ORBIT		
464													
465		(0132SPG817047											
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473		DAS	AGORD1		32SPG737008	FALSE	TAKE_OFF		(0423SFF542890	VERY_LOW	WAY_POINT	32SPF644938	VERY_LOW
474													
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478		DAS	AGORD2			FALSE	TAKE_OFF		(0423SFF646007	VERY_LOW	WAY_POINT	32SPF721862	VERY_LOW
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A	B	C	D	E	F	G	H	I	J
484 060302ZJAN99	mds007	UNIT	LOCATE	LDVEH3	32SPG30015				
485 060312ZJAN99	mds007	UNIT	LOCATE	SILK1	ATTACK				
486 060321ZJAN99	mds001	UNIT	MISSION	INF_AB	ATTACK	WEDGE		MV_PLANS	NO
487 060321ZJAN99	mds013	AIR MISSION	DIVERT	PCAS4	(01ARTY1	HIGH			
488 060321ZJAN99	mds007	AIR MISSION	MISSION	LDVEH3	DEFEND	VEE		MV_PLANS	NO
489 060321ZJAN99	mds001	UNIT	LOCATE	INF_HB	32SPG616051				
490 060322ZJAN99	mds007	UNIT	LOCATE	SILK2	32SPF567786				
491 060322ZJAN99	mds002	AIR MISSION	DEFINE	BOGEY8	SU-24-FENCER			AGFLD1	
492 060322ZJAN99	mds002	AIR MISSION	DEFINE	ASW8	HARPOON-SSM			FFG	
493 060322ZJAN99	mds001	UNIT	LOCATE	SILK5	32SPF64180				
494 060322ZJAN99	mds001	UNIT	LOCATE	INF_HB	32SPF72181				
495 060323ZJAN99	mds002	AIR MISSION	LOCATE	FROG4	32SPF524141				
496 060323ZJAN99	mds007	UNIT	VECTOR	GCAP3	BI				
497 060323ZJAN99	mds007	UNIT	LOCATE	FROG5	32SPF620843				
498 060323ZJAN99	mds001	UNIT	LOCATE	INF_HB	32SPG320048				
499 060323ZJAN99	mds001	UNIT	MISSION	INF_AB	DEFEND	WEDGE		MV_PLANS	NO
500 060323ZJAN99	mds007	UNIT	LOCATE	LDVEH1	32SPF464566				
501 060323ZJAN99	mds013	AIR MISSION	LOCATE	PCAS5	(01LDVEH3	HIGH			
502 060323ZJAN99	mds007	UNIT	DIVERT	PCAS5	32SQG131000				
503 060324ZJAN99	mds007	SHIP OPERATIONS	LOCATE	PB3	PB3	COLLOCATED			
504 060324ZJAN99	mds002	SHIP OPERATIONS	MOVE	BY SHIP	BK				
505 060324ZJAN99	mds001	UNIT	VECTOR	GCAP4	BK				
506 060324ZJAN99	mds001	UNIT	LOCATE	MEB/8	32SPF71630				
507 060324ZJAN99	mds007	UNIT	LOCATE	LDVEH3	32SPG613046				
508 060324ZJAN99	mds005	UNIT	LOCATE	ENG	32SPG484566				
509 060324ZJAN99	mds013	AIR MISSION	DIVERT	PCAS6	(01BR1	HIGH			
510 060325ZJAN99	mds007	AIR MISSION	DEFINE	HELO2	MI-24-HIND			AGFLD1	
511 060325ZJAN99	mds007	AIR MISSION	LOCATE	ARTY1	32SPF578807				
512 060325ZJAN99	mds007	UNIT	LOCATE	TANK2	32SPG768005				
513 060325ZJAN99	mds002	AIR MISSION	LOCATE	GCAP8	F-14			CV	
514 060325ZJAN99	mds013	AIR MISSION	LOCATE	LOCAP2	32SPF77893				
515 060325ZJAN99	mds005	AIR MISSION	DIVERT	INF_AP	F-14			VF_GREEN	
516 060325ZJAN99	mds002	AIR MISSION	DEFINE	GCAP7	(01PBI	MEDIUM			
517 060325ZJAN99	mds001	AIR MISSION	DEFINE	BCAS7	F-14			ATTACK	
518 060325ZJAN99	mds007	SHIP OPERATIONS	DIVERT	SUB3	(012SPF621942	LOW		VF_GREEN	
519 060326ZJAN99	mds007	SHIP OPERATIONS	LOCATE	BY SHIP	32SQF162978			ATTACK	
520 060326ZJAN99	mds002	AIR MISSION	MOVE	SHIP	SUB3	COLLOCATED			
521 060326ZJAN99	mds002	AIR MISSION	DEFINE	GCAP8	F-14			NO	
522 060326ZJAN99	mds002	AIR MISSION	DEFINE	GCAP9	F-14			VF_GREEN	
523 060327ZJAN99	mds007	UNIT	MISSION	TANK2	DEFEND	VEE		CV	
524 060327ZJAN99	mds007	UNIT	DEFINE	GCAP10	F-14			MV_PLANS	NO
525 060327ZJAN99	mds002	AIR MISSION	LOCATE	FROG8	32SPG22872			CV	
526 060327ZJAN99	mds002	AIR MISSION	DEFINE	ASW8	HARPOON-SSM				
527 060327ZJAN99	mds007	AIR MISSION	DEFINE	LB12	BOEING-747			FFG	
528 060327ZJAN99	mds007	AIR MISSION	DEFINE	BOGEY7	SU-24-FENCER			COMFLD	
529 060327ZJAN99	mds001	UNIT	LOCATE	MEB/8	32SPG902121			AGFLD1	
530 060327ZJAN99	mds001	AIR MISSION	DIVERT	BCAS12	(0132SPF762885	LOW			
531 060327ZJAN99	mds013	AIR MISSION	DEFINE	PCAS7	FA-18			ATTACK	
532 060327ZJAN99	mds007	UNIT	LOCATE	SILK4	32SPG825042			VF_PURPLE	
533 060328ZJAN99	mds007	UNIT	LOCATE	FROG5	32SPF524123			CV	
534 060328ZJAN99	mds013	AIR MISSION	DEFINE	PCAS8	FA-18			VF_PURPLE	
535 060328ZJAN99	mds005	AIR MISSION	DIVERT	FCAS5	(01SILK5	MEDIUM			
536 060328ZJAN99	mds007	AIR MISSION	LOCATE	BOGEY8	SU-24-FENCER			ATTACK	
537 060328ZJAN99	mds007	UNIT	LOCATE	TANK2	32SPF568890			AGFLD1	
538 060328ZJAN99	mds007	UNIT	LOCATE	SILK5	32SPF602662				
539 060328ZJAN99	mds002	UNIT	LOCATE	DDG	32SPF600851				
540 060328ZJAN99	mds013	AIR MISSION	LOCATE	VVV_PURPLE	32SPF74975				
541 060328ZJAN99	mds001	AIR MISSION	DEFINE	BCAS13	FA-18			VF_BLUE	
542 060328ZJAN99	mds001	AIR MISSION	DEFINE	BCAS14	FA-18			VF_BLUE	
543 060328ZJAN99	mds002	AIR MISSION	DEFINE	BCAS15	FA-18			VF_BLUE	
544 060330ZJAN99	mds007	UNIT	VECTOR	GCAP1	BV				
545 060330ZJAN99	mds007	AIR MISSION	LOCATE	FROG7	32SPF77902			COMFLD	
546 060330ZJAN99	mds013	UNIT	LOCATE	BA564	BOEING-747				
547 060330ZJAN99	mds001	AIR MISSION	LOCATE	INF_AIP	32SPG760027				
548 060330ZJAN99	MSCDBM	MODE	DIVERT	BCAS13	(0132SPG828042	LOW			
549 060330ZJAN99	MSCDBM	STATE	SUPEND					ATTACK	
550 060330ZJAN99	mds002	FIRE MISSION	ADMIN						
551 060330ZJAN99	mds002	UNIT	LOCATE	DDG	PB3	DDG		5IN-HI	
				CV	32SPG816037				

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545	WAY_POINT	32SQF060666	MEDIUM	WAY_POINT	32SQF045720	MEDIUM	WAY_POINT	32SQF728805	MEDIUM	WAY_POINT	\$
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3. Parsed Data File 1 from 2-23-99_J41J43_V1

The following is the first of the parsed data files produced from an example four-node run. This parsed data file includes only data from the beginning of the run sequence of the scenario. The data was always parsed twice to ensure that no data was lost or left out.

A		B		C		D		E		F		G		H		I	
1	DTG	UID	UTM	CTLR	REPORT	MESSAGE	TRACK	UID2	UTM2								
2	060002ZJAN89	SOF	32SPG728000	MANCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE											
3	060002ZJAN89	SOF	32SPG728000	MANCON_1	OBJECT DETECT	HAVE DETECTED BRIDGE											
4	060002ZJAN89	SOF	32SPG728000	MANCON_1	OBJECT DETECT	HAVE DETECTED BRIDGE											
5	060002ZJAN89	SOF	32SPG728000	MANCON_1	OBJECT DETECT	HAVE DETECTED RIVER											
6	060002ZJAN89	SOF	32SPG728000	MANCON_1	OBJECT DETECT	HAVE DETECTED RIVER											
7	060002ZJAN89	H1	32SQG098008	MANCON_2	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT											
8	060002ZJAN89	FFG	32SQG098007	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE MACH HI											
9	060002ZJAN89	SOFFCAS1	32SPG901122	MANCON_1	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
10	060002ZJAN89	FCAS1	32SPG901122	MANCON_1	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
11	060002ZJAN89	GCAP1	32SPG901122	MANCON_2	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
12	060002ZJAN89	AA88	32SPF62990	AGCON_1	AIR TRK DATA	AIR TRACK DETECTED											
13	060002ZJAN89	AA88	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
14	060002ZJAN89	AA88	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
15	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
16	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
17	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
18	060002ZJAN89	GCAP2	32SPG901122	MANCON_2	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
19	060002ZJAN89	FCAS2	32SPG901122	MANCON_2	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
20	060002ZJAN89	FCAS1	32SPG901122	MANCON_3	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
21	060002ZJAN89	SOFFCAS1	32SQG025183	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT											
22	060002ZJAN89	BCAS2	32SPF62990	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED											
23	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
24	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
25	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
26	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
27	060002ZJAN89	BCAS3	32SPG901122	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED											
28	060002ZJAN89	PCAS1	32SPG901122	MANCON_4	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
29	060002ZJAN89	PB1	32SPG682134	AGCON_1	SHIP MOVE	AIR MISSION HAS LAUNCHED											
30	060002ZJAN89	BCAS4	32SPG901122	MANCON_3	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
31	060002ZJAN89	BCAS5	32SPG901122	MANCON_3	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
32	060002ZJAN89	PCAS2	32SPG901122	MANCON_4	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
33	060002ZJAN89	FCAS3	32SPG901122	MANCON_1	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
34	060002ZJAN89	FCAS1	32SQG025183	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT											
35	060002ZJAN89	BCAS6	32SPG901122	MANCON_3	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
36	060002ZJAN89	PCAS3	32SPG901122	MANCON_4	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
37	060002ZJAN89	GCAP3	32SPG901122	MANCON_2	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
38	060002ZJAN89	FCAS5	32SPG901122	MANCON_1	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
39	060002ZJAN89	FCAS5	32SPG901122	MANCON_1	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
40	060002ZJAN89	GCAP4	32SPG901122	MANCON_2	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
41	060002ZJAN89	PCAS4	32SPG901122	MANCON_4	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
42	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
43	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
44	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
45	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
46	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
47	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
48	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
49	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
50	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
51	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
52	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
53	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
54	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
55	060002ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
56	060002ZJAN89	PCAS5	32SPG901122	MANCON_4	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
57	060002ZJAN89	GCAP5	32SPG901122	MANCON_2	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
58	060002ZJAN89	PCAS6	32SPG901122	MANCON_4	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED											
59	060002ZJAN89	BCAS1	32SPG817049	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT											
60	060003ZJAN89	VF BLUE	31NAA81000	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS1											
61	060003ZJAN89	INF AIR	31NAA81000	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS1											
62	060003ZJAN89	GCAP2	32SPG901125	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT											
63	060003ZJAN89	GCAP1	32SPG901125	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT											
64	060003ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
65	060003ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
66	060003ZJAN89	LHA	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
67	060003ZJAN89	PCAS1	32SPF62990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED											
68	060003ZJAN89	FCAS2	32SQG025183	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT											
69	060003ZJAN89	BCAS5	32SPF62990	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT											

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69
	STATUS	TYPE	# UNITS	WIA	KIA	K KILLED	M KILLED	F KILLED	UNDAMAGED	NON MISS CAPABLE	DESTROYED	DTG2																																																								
3	% 0 DAMAGED																																																																			
4	% 0 DAMAGED																																																																			
5	% 0 DAMAGED																																																																			
6																																																																				
7																																																																				
8	NO ASSESSMENT			0	0	0	0	0																																																												
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58																																																																				
59																																																																				
60	No damage assessed.	CE PRODUCT		0	0	0	0	0																																																												
61	No damage assessed.	CE PRODUCT		0	0	0	0	0																																																												
62																																																																				
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64	FRIENDLY																																																																			
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70	060003ZJAN99	PCAS2	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
71	060003ZJAN99	FCAS6	MANCON_1	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED			
72	060003ZJAN99	PCAS3	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
73	060003ZJAN99	PCAS3	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
74	060003ZJAN99	HILLFY	MANCON_4,MANCON_1	AIR RTE POINT	RECEIVING AIR-TO-SURFACE FIRE			
75	060003ZJAN99	PCAS1	AGCON_1	STATUS CHANGE	AIR TO SURFACE PCAS1			
76	060003ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS1			
77	060003ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS1			
78	060003ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS1			
79	060003ZJAN99	SOE	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS1			
80	060003ZJAN99	SOE	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS1			
81	060003ZJAN99	FCAS7	MANCON_1	AIR WSN LAUNCH	AIR MISSION HAS REACHED ATTACK POINT			
82	060003ZJAN99	PCAS2	MANCON_4,MANCON_1	AIR RTE POINT	RECEIVING AIR-TO-SURFACE FIRE			
83	060003ZJAN99	HILLFY	AGCON_1	STATUS CHANGE	AIR TO SURFACE PCAS2			
84	060003ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS2			
85	060003ZJAN99	SOE	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS2			
86	060003ZJAN99	SOE	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS2			
87	060003ZJAN99	FCAS3	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
88	060003ZJAN99	FCAS3	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
89	060003ZJAN99	FCAS4	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
90	060003ZJAN99	LHA	MANCON_4,MANCON_1	AIR WSN LAUNCH	AIR MISSION HAS REACHED ORBIT POINT			
91	060003ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
92	060003ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
93	060003ZJAN99	LDVEH1	AGCON_1	UNIT MOVE	COMMENCING MOVEMENT			
94	060003ZJAN99	BCAS3	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
95	060003ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS3			
96	060003ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS3			
97	060003ZJAN99	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS3			
98	060003ZJAN99	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS3			
99	060003ZJAN99	GCAP3	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE BCAS3			
100	060003ZJAN99	PCAS9	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
101	060003ZJAN99	BCAS4	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
102	060003ZJAN99	INF_AB	MANCON_3	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
103	060003ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS4			
104	060003ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS4			
105	060003ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS4			
106	060003ZJAN99	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS4			
107	060003ZJAN99	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS4			
108	060003ZJAN99	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS4			
109	060003ZJAN99	FCAS4	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE BCAS4			
110	060003ZJAN99	PCAS5	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
111	060003ZJAN99	GCAP5	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
112	060003ZJAN99	FCAS5	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
113	060003ZJAN99	PCAS6	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
114	060003ZJAN99	GCAP4	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
115	060003ZJAN99	HILLFY	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT			
116	060003ZJAN99	LDVEH1	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT			
117	060003ZJAN99	LDVEH1	AGCON_1	OBJECT DETECT	HAVE DETECTED BRIDGE			
118	060003ZJAN99	LDVEH1	AGCON_1	OBJECT DETECT	HAVE DETECTED BRIDGE			
119	060003ZJAN99	LDVEH1	AGCON_1	OBJECT DETECT	HAVE DETECTED BRIDGE			
120	060003ZJAN99	LDVEH1	AGCON_1	OBJECT DETECT	HAVE DETECTED RIVER			
121	060003ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED STRUCTURE			
122	060003ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT			
123	060003ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT			
124	060003ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT			
125	060003ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT			
126	060003ZJAN99	INF_H/B	MANCON_3	OBJECT DETECT	HAVE DETECTED MOUNTAIN			
127	060003ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED INFANTRY UNIT			
128	060003ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED INFANTRY UNIT			
129	060003ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED INFANTRY UNIT			
130	060003ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED INFANTRY UNIT			
131	060003ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED INFANTRY UNIT			
132	060003ZJAN99	BCAS1	MANCON_3	AIR RTE POINT	HAVE DETECTED SECTION SIZED INFANTRY UNIT			
133	060003ZJAN99	BCAS1	MANCON_3	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT			
134	060004ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
135	060004ZJAN99	SOE	MANCON_1	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAW MISSION DUE TO CPR (0.02048<=0.17000)			
136	060004ZJAN99	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
137	060004ZJAN99	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
138	060004ZJAN99	SOE	MANCON_1	UNIT MOVE	COMMENCING MOVEMENT			

J	K	L	M	N	O	P	Q	R	S	T	U
70											
71											
72											
73											
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75											
76	No damage assessed.										
77	No damage assessed.										
78	No damage assessed.										
79	No damage assessed.										
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83	No damage assessed.										
84	No damage assessed.										
85	No damage assessed.										
86	No damage assessed.										
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88											
89	FRIENDLY										
90	FRIENDLY										
91	FRIENDLY										
92	FRIENDLY										
93											
94											
95	No damage assessed.										
96	No damage assessed.										
97	No damage assessed.										
98	No damage assessed.										
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100											
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102											
103	No damage assessed.										
104	No damage assessed.										
105											
106	No damage assessed.										
107	No damage assessed.										
108											
109											
110											
111											
112											
113											
114											
115											
116											
117	% 0 DAMAGED										
118	% 0 DAMAGED										
119											
120											
121	LAV-MTR										
122	LAV-LOG										
123	LAV-COMMAND										
124	LAV-AT										
125	LAV-25										
126											
127	HMMWV-50CAL-MG										
128	HMMWV-40MM-MG										
129	TROOPS										
130	HMMWV-50CAL-MG										
131	HMMWV-40MM-MG										
132											
133											
134	FRIENDLY										
135											
136											
137											
138											

060803ZJAN89

060804ZJAN89

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130	060004ZJAN99	SUBJ1	AGCON_1	SHIP MOVE	HAVE COMMENCED MOVEMENT			
140	060004ZJAN99	LDVEH1	AGCON_1	UNIT DESTINATION	HAVE REACHED ASSIGNED DESTINATION			
141	060004ZJAN99	FCAS9	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
142	060004ZJAN99	BCAS2	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
143	060004ZJAN99	AGSUP	AGCON_1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
144	060004ZJAN99	AGSUP	AGCON_1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
145	060004ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS2		AGSUP	
146	060004ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS2		AGSUP	
147	060004ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS2		AGSUP	
148	060004ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS2		AGSUP	
149	060004ZJAN99	AGSUP	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE BCAS2		AGSUP	
150	060004ZJAN99	AGAIR	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE BCAS2		AGAIR	
151	060004ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TO SURFACE BCAS2		AGAIR	
152	060004ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT	SURFACE TRACK DETECTED		AGAIR	32SQG110095
153	060004ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT CHANGE	HAVE DETECTED A SHIP		AAAVP	32SPF84927
154	060004ZJAN99	SOF	MANCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_A/B	32SPF84927
155	060004ZJAN99	SOF	MANCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED LIGHT ARMOR UNIT		LDVEH1	32SPG13005
156	060004ZJAN99	SOF	MANCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED LIGHT ARMOR UNIT		LDVEH1	32SPG13005
157	060004ZJAN99	SOF	MANCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED LIGHT ARMOR UNIT		LDVEH1	32SPG13005
158	060004ZJAN99	SOF	MANCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED LIGHT ARMOR UNIT		LDVEH1	32SPG13005
159	060004ZJAN99	SOF	MANCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED LIGHT ARMOR UNIT		LDVEH1	32SPG13005
160	060004ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT CHANGE	DETECTION IS A SECTION SIZED INFANTRY UNIT		LDVEH1	32SPG13005
161	060004ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT CHANGE	DETECTION IS A SECTION SIZED INFANTRY UNIT		LDVEH1	32SPG13005
162	060004ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT CHANGE	DETECTION IS A SECTION SIZED INFANTRY UNIT		LDVEH1	32SPG13005
163	060004ZJAN99	BCAS7	MANCON_3	VISUAL DETECT CHANGE	DETECTION IS A SECTION SIZED INFANTRY UNIT		HILLIFY	32SPF841928
164	060004ZJAN99	BOGEY1	MANCON_1	AIR RTE POINT	DETECTION IS A SECTION SIZED INFANTRY UNIT		HILLIFY	32SPF841928
165	060004ZJAN99	FCAS9	AGCON_1	AIR MSN LAUNCH	AIR MISSION HAS REACHED ORBIT POINT			
166	060004ZJAN99	PCAS1	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
167	060004ZJAN99	PCAS1	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
168	060004ZJAN99	PCAS1	MANCON_4,MANCON_1	AIRCRAFT STAT	AIR MISSION HAS REACHED ORBIT POINT			
169	060004ZJAN99	PCAS9	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
170	060004ZJAN99	PCAS2	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
171	060004ZJAN99	PCAS2	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
172	060004ZJAN99	BCAS3	MANCON_1	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT			
173	060004ZJAN99	BCAS3	MANCON_3	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT			
174	060004ZJAN99	ASW	MANCON_2	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT			
175	060004ZJAN99	LHA	MANCON_4	AIR TRK DATA	CRUISE MISSILE HAS LAUNCHED		ASW	32SQG080963
176	060004ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT	AIR TRACK DETECTED		INF_A/P	32SPF84927
177	060004ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT	AIR TRACK DETECTED		INF_A/P	32SPF84927
178	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
179	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
180	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
181	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
182	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
183	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
184	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
185	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
186	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
187	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
188	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
189	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
190	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
191	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
192	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
193	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
194	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
195	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
196	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
197	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
198	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
199	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
200	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
201	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
202	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
203	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
204	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
205	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
206	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927
207	060004ZJAN99	PROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_A/P	32SPF84927

A	B	C	D	E	F	G	H	I
208	060062ZJAN99	ENG	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	2	TANK1	32SPF784890
209	060062ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	INF_H/B	32SPF784890
210	060062ZJAN99	HILLIFY	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED		INF_H/B	32SPF784890
211	060062ZJAN99	HILLIFY	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED		INF_H/B	32SPF784890
212	060062ZJAN99	HILLIFY	AGCON_1	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAWAL MISSION DUE TO CPR (0.01604 <= 0.17000)			
213	060062ZJAN99	HILLIFY	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
214	060062ZJAN99	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
215	060062ZJAN99	GROUND_ENGAGEMENT_1	AGCON_1, MANCON_3	UNIT BARRIER STATUS	WITHIN BARRIER MOUNTAIN NAMED HILL			
216	060062ZJAN99	HILLIFY	AGCON_1	UNIT BARRIER STATUS	COMMENCING MOVEMENT			
217	060062ZJAN99	HILLIFY	AGCON_1	UNIT MOVE	BARRIER IMPASSABLE UNIT HALTED, AWAITING ORDERS			
218	060062ZJAN99	HILLIFY	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		INF_A/B	
219	060062ZJAN99	INF_A/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		HILLIFY	
220	060062ZJAN99	INF_A/B	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		INF_A/P	
221	060062ZJAN99	HILLIFY	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		HILLIFY	
222	060062ZJAN99	INF_A/P	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
223	060062ZJAN99	PCAS3	MANCON_4, MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
224	060062ZJAN99	HILLIFY	AGCON_1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
225	060062ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS3			
226	060062ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS3		NOR BCH	
227	060062ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS3		NORTH RD	
228	060062ZJAN99	SOF	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS3			
229	060062ZJAN99	SOF	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS3		NOR BCH	
230	060062ZJAN99	SOF	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS3		NORTH RD	
231	060062ZJAN99	ASWI	MANCON_2	AIR MSN LAUNCH	CRUISE MISSILE HAS LAUNCHED			
232	060062ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		ASWI	32SQG0507070
233	060062ZJAN99	BCAS5	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
234	060062ZJAN99	FR0G2	MANCON_2	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
235	060062ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS5		NORTH RD	
236	060062ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS5			
237	060062ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS5		NORTH RD	
238	060062ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS5			
239	060062ZJAN99	BCAS2	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
240	060062ZJAN99	BCAS2	MANCON_3	AIRCRAFT STAT				
241	060062ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	3	LDVEH2	32SPF78981
242	060062ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	3	LDVEH2	32SPF78981
243	060062ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	3	LDVEH2	32SPF78981
244	060062ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	3	LDVEH2	32SPF78981
245	060062ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	3	LDVEH2	32SPF78981
246	060062ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	3	LDVEH2	32SPF78981
247	060062ZJAN99	BCAS7	MANCON_3	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
248	060062ZJAN99	FFG	MANCON_2	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT			
249	060062ZJAN99	LHA	MANCON_2	AIR TRK DATA	AIR TRACK DETECTED		BCAS7	32SPG015004
250	060062ZJAN99	CG	MANCON_4	ASSESSMENT REPORT	SURFACE TO AIR CG		BOGEY1	
251	060062ZJAN99	BOGEY1	MANCON_2	ASSESSMENT REPORT	SURFACE TO AIR CG		AGAIR1	
252	060062ZJAN99	BOGEY1	AGCON_1	ASSESSMENT REPORT	TERMINATING ENGAGEMENT WITH TARGET		(BOGEY1)	
253	060062ZJAN99	CG	MANCON_2	AD ENGAGE END	AIR MISSION CANCELED DUE TO LOSS OF AIRCRAFT			
254	060062ZJAN99	BOGEY1	AGCON_1	AIRCRAFT STAT				
255	060062ZJAN99	BCAS6	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
256	060062ZJAN99	TANK1	AGCON_1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
257	060062ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS6		SOUTH RD	
258	060062ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS6			
259	060062ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS6			
260	060062ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS6			
261	060062ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS6			
262	060062ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS6			
263	060062ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS6		SOUTH RD	
264	060062ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS6			
265	060062ZJAN99	FCAS1	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
266	060062ZJAN99	FCAS1	MANCON_1	AIRCRAFT STAT				
267	060062ZJAN99	FR0G2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	2	INF_A/P	32SPF846921
268	060062ZJAN99	FR0G2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	2	ENG	32SPF846921
269	060062ZJAN99	FR0G2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	3	ENG	32SPF846921
270	060062ZJAN99	FR0G2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	3	ENG	32SPF846921
271	060062ZJAN99	FR0G2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	3	ENG	32SPF846921
272	060062ZJAN99	FR0G2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	3	ENG	32SPF846921
273	060062ZJAN99	FR0G2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	3	ENG	32SPF846921
274	060062ZJAN99	FR0G2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	3	ENG	32SPF846921
275	060062ZJAN99	FR0G2	AGCON_1	VISUAL DETECT	HAVE DETECTED A SHIP	4	AAA/V/P	32SPF846921
276	060062ZJAN99	FR0G2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	5	INF_H/B	32SPF846921

A	B	C	D	E	F	G	H	I
277	060007ZJAN99	FROG2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	6	INF_A/B	32SPF610889
278	060007ZJAN99	ENG	MANCON_1	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG2	32SPF624904
279	060007ZJAN99	ENG	MANCON_1	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG2	32SPF624904
280	060007ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG2	32SPF624902
281	060007ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG2	32SPF624902
282	060007ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG2	32SPF623903
283	060007ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG2	32SPF623903
284	060007ZJAN99	INF_A/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	FROG2	32SPF629006
285	060007ZJAN99	INF_A/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	FROG2	32SPF629006
286	060007ZJAN99	UA18	AGCON_1	AIR MSH LAUNCH	AIR MISSION HAS LAUNCHED			
287	060007ZJAN99	BCAS9	MANCON_3	AIR MSH LAUNCH	AIR MISSION HAS LAUNCHED			
288	060007ZJAN99	BCAS9	MANCON_3	AIR MSH LAUNCH	AIR MISSION HAS LAUNCHED			
289	060007ZJAN99	BCAS10	MANCON_3	AIR MSH LAUNCH	AIR MISSION HAS LAUNCHED			
290	060008ZJAN99	PCAS3	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT	AR	BCAS10	32SPG914087
291	060008ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	AS	BCAS9	32SPG929052
292	060008ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	AT	BCAS8	32SPG988053
293	060008ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	AU	UA18	32SPF611690
294	060008ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
295	060008ZJAN99	UA18	AGCON_1	AIR MSH ILLUMINATED	AIR MISSION ILLUMINATED BY NON-SAME SIDE RADAR			
296	060008ZJAN99	FROG2	AGCON_1	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAWAL MISSION DUE TO CPR (0.00000<=0.17000)			
297	060008ZJAN99	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
298	060008ZJAN99	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
299	060008ZJAN99	INF_A/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
300	060008ZJAN99	INF_A/P	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
301	060008ZJAN99	FROG2	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
302	060008ZJAN99	FROG2	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
303	060008ZJAN99	FROG2	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
304	060008ZJAN99	FROG2	AGCON_1	UNIT CASUALTY LIMIT	HAS REACHED EFFECTIVE CASUALTY LIMIT			
305	060008ZJAN99	FROG2	AGCON_1	UNIT MOVE	COMMENCING MOVEMENT			
306	060008ZJAN99	GROUND ENGAGEMENT 2	MANCON_4, AGCON_1, MANCON_3	REPORT	Initial engagement:			
307	060008ZJAN99	GROUND ENGAGEMENT 2	MANCON_4, AGCON_1, MANCON_3	REPORT	Initial engagement:			
308	060008ZJAN99	GROUND ENGAGEMENT 2	MANCON_4, AGCON_1, MANCON_3	REPORT	Initial engagement:			
309	060008ZJAN99	GROUND ENGAGEMENT 2	MANCON_4, AGCON_1, MANCON_3	REPORT	Initial engagement:			
310	060008ZJAN99	GROUND ENGAGEMENT 2	MANCON_4, AGCON_1, MANCON_3	REPORT	Initial engagement:			
311	060008ZJAN99	GROUND ENGAGEMENT 2	MANCON_4, AGCON_1, MANCON_3	REPORT	Cumulative losses:			
312	060008ZJAN99	GROUND ENGAGEMENT 2	MANCON_4, AGCON_1, MANCON_3	REPORT	Cumulative losses:			
313	060008ZJAN99	GROUND ENGAGEMENT 2	MANCON_4, AGCON_1, MANCON_3	REPORT	Cumulative losses:			
314	060008ZJAN99	GROUND ENGAGEMENT 2	MANCON_4, AGCON_1, MANCON_3	REPORT	Cumulative losses:			
315	060008ZJAN99	GROUND ENGAGEMENT 2	MANCON_4, AGCON_1, MANCON_3	REPORT	Incremental losses:			
316	060008ZJAN99	GROUND ENGAGEMENT 2	MANCON_4, AGCON_1, MANCON_3	REPORT	Incremental losses:			
317	060008ZJAN99	BCAS5	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
318	060008ZJAN99	BCAS5	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
319	060008ZJAN99	BCAS5	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
320	060008ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	6	INF_H/P	32SPF642931
321	060008ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	6	INF_H/P	32SPF642931
322	060008ZJAN99	SILKI	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	2	INF_H/P	32SPF643934
323	060008ZJAN99	FROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	4	INF_H/P	32SPF642933
324	060008ZJAN99	TANK1	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	7	INF_H/P	32SPF642931
325	060008ZJAN99	TANK1	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	INF_H/B	32SPF776883
326	060008ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	4	INF_A/B	32SPF761881
327	060008ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF764890
328	060008ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF764890
329	060008ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF764890
330	060008ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF764890
331	060008ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF764890
332	060008ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF629009
333	060008ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG1	32SPF610837
334	060008ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG1	32SPF610837
335	060008ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	HILLIFY	32SPF643932
336	060008ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	HILLIFY	32SPF643932
337	060008ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	5	SILKI	32SPF629969
338	060008ZJAN99	INF_H/B	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	HILLIFY	32SPF613954
339	060008ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	HILLIFY	32SPF613954
340	060008ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	HILLIFY	32SPF613954
341	060008ZJAN99	INF_H/B	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	AAV/P	32SPF655927
342	060008ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	INF_H/B	32SPF617854
343	060008ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	INF_A/B	32SPF702970
344	060008ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	INF_A/B	32SPF702970
345	060008ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG2	32SPF768933

A	B	C	D	E	F	G	H	I
345	060009ZJAN89	INF_H/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG2	32SPF76833
346	060008ZJAN89	INF_AB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG2	32SPF76833
347	060008ZJAN89	INF_AB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG2	32SPF76833
348	060008ZJAN89	INF_AB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG2	32SPF76833
349	060008ZJAN89	ASW2	MANCON_4	AIR MSH LAUNCH	CRUISE MISSILE HAS LAUNCHED	AV	ASW2	32SOG047077
350	060008ZJAN89	LHA	MANCON_2	AIR TRK DATA	AIR TRACK DETECTED			
351	060008ZJAN89	BCAS7	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
352	060008ZJAN89	BCAS7	AGCON_1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
353	060008ZJAN89	TANK1	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS7		SOUTH RD	
354	060008ZJAN89	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS7			
355	060008ZJAN89	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS7			
356	060008ZJAN89	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS7			
357	060008ZJAN89	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS7			
358	060008ZJAN89	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS7			
359	060008ZJAN89	ASW2	MANCON_2	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT			
360	060008ZJAN89	FFG	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE ASW2		SUB1	
361	060008ZJAN89	FFG	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE ASW2		SUB1	
362	060008ZJAN89	SUB1	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE ASW2		SUB1	
363	060008ZJAN89	SUB1	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE ASW2		SUB1	
364	060008ZJAN89	BCAS10	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
365	060008ZJAN89	BCAS10	MANCON_3	ENGAGEMENT STATUS CHANGE	AIR MISSION HAS REACHED ORBIT POINT		INF_H/P	
366	060008ZJAN89	HILLIFY	AGCON_1	UNIT DEFENSIVE MISSION	HAS INITIATED ENGAGEMENT			
367	060008ZJAN89	FROG2	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS ASSUMED DEFENSIVE MISSION			
368	060008ZJAN89	FROG2	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		INF_H/B	
369	060008ZJAN89	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		FROG2	
370	060008ZJAN89	FROG2	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		INF_AB	
371	060008ZJAN89	INF_AB	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		FROG2	
372	060008ZJAN89	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
373	060008ZJAN89	HILLIFY	AGCON_1	VISUAL DETECT	HAS INITIATED ENGAGEMENT			
374	060008ZJAN89	HILLIFY	AGCON_1	VISUAL DETECT	HAS INITIATED ENGAGEMENT			
375	060008ZJAN89	FROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	7	VMV_PURPLE	32SPF643929
376	060008ZJAN89	FROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	7	VMV_PURPLE	32SPF643929
377	060008ZJAN89	FROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	VMV_PURPLE	32SPF643929
378	060008ZJAN89	FROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	VMV_PURPLE	32SPF643929
379	060008ZJAN89	FROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	6	ENG	32SPF762847
380	060008ZJAN89	FROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	6	ENG	32SPF762847
381	060008ZJAN89	FROG1	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	6	ENG	32SPF762847
382	060008ZJAN89	FROG2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	6	ENG	32SPF762847
383	060008ZJAN89	FROG2	AGCON_1	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	6	VMV_PURPLE	32SPF643927
384	060008ZJAN89	VMV_PURPLE	MANCON_4	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	6	VMV_PURPLE	32SPF643927
385	060008ZJAN89	VMV_PURPLE	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF629007
386	060008ZJAN89	VMV_PURPLE	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF629007
387	060008ZJAN89	VMV_PURPLE	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG1	32SPF618937
388	060008ZJAN89	VMV_PURPLE	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG1	32SPF618937
389	060008ZJAN89	VMV_PURPLE	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED INFANTRY UNIT	4	HILLIFY	32SPF643930
390	060008ZJAN89	VMV_PURPLE	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED INFANTRY UNIT	4	HILLIFY	32SPF643930
391	060008ZJAN89	VMV_PURPLE	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED INFANTRY UNIT	4	HILLIFY	32SPF643930
392	060008ZJAN89	ENG	MANCON_1	OBJECT DETECT	HAVE DETECTED ANTI_PERSONNEL MineMHD	5	SILK1	32SPF629665
393	060008ZJAN89	ENG	MANCON_1	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	FROG1	32SPF76953
394	060008ZJAN89	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG	32SPF764668
395	060008ZJAN89	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG	32SPF764668
396	060008ZJAN89	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG	32SPF764668
397	060008ZJAN89	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG	32SPF764668
398	060008ZJAN89	ENG	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG	32SPF764668
399	060008ZJAN89	ENG	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	TANK1	32SPF518974
400	060008ZJAN89	ENG	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	TANK1	32SPF518974
401	060008ZJAN89	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	ENG	32SPF769667
402	060008ZJAN89	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	ENG	32SPF769667
403	060008ZJAN89	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	ENG	32SPF769667
404	060008ZJAN89	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	ENG	32SPF769667
405	060008ZJAN89	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	ENG	32SPF769667
406	060008ZJAN89	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	ENG	32SPF769667
407	060008ZJAN89	ENG	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG2	32SPF629686
408	060008ZJAN89	ENG	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG2	32SPF629686
409	060008ZJAN89	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG2	32SPF629686
410	060008ZJAN89	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	INF_H/B	32SPF54785
411	060008ZJAN89	INF_H/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	INF_AB	32SPF760786
412	060008ZJAN89	INF_H/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1	32SPF546992
413	060008ZJAN89	INF_H/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1	32SPF546992
414	060008ZJAN89	INF_AB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1	32SPF545989

	J	K	L	M	N	O	P	Q	R	S	T	U
346		TROOPS										
347		FROG-7-SSM	1									
348		TROOPS	4									
349												
350		FRIENDLY										
351												
352		CE PRODUCT		0	0		0	0				
353		TROOPS	1	1			0	0				
354		HMMWV-TOW		0	0		0	0				
355		CE_PRODUCT		0	0		0	0				
356		TROOPS	1	1			0	0				
357		HMMWV-TOW		0	0		0	0				
358				0	0		0	0				
359		TROOPS	6	3			0	0				
360		SUBMARINE	0	0			0	0				
361		TROOPS	6	3			0	0				
362		SUBMARINE	0	0			0	0				
363							0	0				
364												
365												
366												
367												
368												
369												
370												
371												
372												
373		MV-22	24									
374		TROOPS	209									
375		MV-22	24									
376		TROOPS	209									
377		5-D-TRUCK	3									
378		MCLIC	7									
379		X-TANK	4									
380		HMMWV	9									
381		SEE	2									
382		MV-22	24									
383		TROOPS	209									
384		FROG-7-SSM	1									
385		TROOPS	2									
386		FROG-7-SSM	1									
387		TROOPS	4									
388		HMMWV-50CAL-MG	1									
389		HMMWV-40MM-MG	1									
390		TROOPS	2									
391		D-20	2									
392		% 0 DAMAGED										
393		FROG-7-SSM	1									
394		5-D-TRUCK	3									
395		MCLIC	7									
396		X-TANK	4									
397		HMMWV	9									
398		SEE	2									
399		HMMWV-TOW	6									
400		M1A1	13									
401		5-D-TRUCK	3									
402		MCLIC	7									
403		ACE	4									
404		HMMWV	9									
405		SEE	2									
406		TROOPS	82									
407		FROG-7-SSM	1									
408		TROOPS	2									
409		TROOPS	182									
410		TROOPS	189									
411		HMMWV-TOW	6									
412		M1A1	13									
413		TROOPS	7									
414		HMMWV-TOW	8									

A	B	C	D	E	F	G	H	I
415	060802ZJAN99	INF AB	MANCON 3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1	32SPF45989
416	060802ZJAN99	INF AB	MANCON 3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1	32SPF45989
417	060802ZJAN99	INF AB	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		TANK1	
418	060802ZJAN99	INF AB	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		FROG1	
419	060802ZJAN99	INF AB	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		HILLIFY	
420	060802ZJAN99	SUB1	AGCON 1	SHIP MOVE	UNABLE TO MOVE - SHIP DAMAGED			
421	060802ZJAN99	BCAS8	MANCON 3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
422	060802ZJAN99	FROG2	AGCON 1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
423	060802ZJAN99	VF BLUE	MANCON 3	ASSESSMENT REPORT	AIR TO SURFACE BCAS8		SOUTH RD	
424	060802ZJAN99	VF BLUE	MANCON 3	ASSESSMENT REPORT	AIR TO SURFACE BCAS8		SOUTH RD	
425	060802ZJAN99	INF AB	MANCON 3	ASSESSMENT REPORT	AIR TO SURFACE BCAS8			
426	060802ZJAN99	INF AB	MANCON 3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
427	060802ZJAN99	BCAS8	MANCON 3	AIRCRAFT STAT				
428	060802ZJAN99	BCAS8	MANCON 3	AIRCRAFT STAT				
429	060802ZJAN99	PCAS3	MANCON 4, MANCON 1	AIRCRAFT STAT				
430	060802ZJAN99	PCAS3	MANCON 4, MANCON 1	AIRCRAFT STAT				
431	060810ZJAN99	HILLIFY	AGCON 1	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		VMV_PURPLE	
432	060810ZJAN99	VMV_PURPLE	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		HILLIFY	
433	060810ZJAN99	FROG1	MANCON 2	ENGAGEMENT STATUS CHANGE	IS ENGAGED		INF_MP	
434	060810ZJAN99	INF HP	MANCON 4	STATUS CHANGE	RECEIVING INDIRECT FIRE			
435	060810ZJAN99	SILK1	AGCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	INF AP	32SPF429932
436	060810ZJAN99	INF AP	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	SILK1	32SPF429932
437	060810ZJAN99	FROG1	MANCON 2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	INF AP	32SPF429932
438	060810ZJAN99	FROG1	MANCON 2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	AA/VP	32SPF429932
439	060810ZJAN99	INF AP	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	FROG1	32SPF429932
440	060810ZJAN99	FROG1	MANCON 2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	INF_MP	32SPF429932
441	060810ZJAN99	INF HP	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG1	32SPF429932
442	060810ZJAN99	INF HP	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG1	32SPF429932
443	060810ZJAN99	FROG1	MANCON 2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	VMV_PURPLE	32SPF429932
444	060810ZJAN99	FROG1	MANCON 2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	VMV_PURPLE	32SPF429932
445	060810ZJAN99	FROG1	MANCON 2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	ENG	32SPF429932
446	060810ZJAN99	FROG1	MANCON 2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	ENG	32SPF429932
447	060810ZJAN99	FROG1	MANCON 2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	ENG	32SPF429932
448	060810ZJAN99	FROG1	MANCON 2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	ENG	32SPF429932
449	060810ZJAN99	FROG1	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	ENG	32SPF429932
450	060810ZJAN99	VMV_PURPLE	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG1	32SPF429932
451	060810ZJAN99	VMV_PURPLE	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG1	32SPF429932
452	060810ZJAN99	ENG	MANCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG1	32SPF429932
453	060810ZJAN99	BCAS7	MANCON 3	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT	4	FROG1	32SPF429932
454	060810ZJAN99	BCAS7	MANCON 3	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT			
455	060810ZJAN99	BOGEY2	AGCON 1	AIR RTE POINT	AIR MISSION HAS LAUNCHED			
456	060810ZJAN99	BCAS8	MANCON 3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
457	060810ZJAN99	BCAS8	MANCON 3	AIRCRAFT STAT				
458	060810ZJAN99	TANK1	AGCON 1	ENGAGEMENT STATUS CHANGE	IS ENGAGED		INF_AB	
459	060810ZJAN99	TANK1	AGCON 1	ENGAGEMENT STATUS CHANGE	IS ENGAGED		INF_AB	
460	060810ZJAN99	FROG1	MANCON 2	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		INF_MP	
461	060810ZJAN99	INF HP	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		FROG1	
462	060810ZJAN99	TANK1	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		INF_AB	
463	060810ZJAN99	INF HP	MANCON 3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		TANK1	
464	060810ZJAN99	GROUND_ENGAGEMENT 4	AGCON 1, MANCON 3	REPORT	HAS TERMINATED ENGAGEMENT, NO LOS		INF_AB	
465	060810ZJAN99	TANK1	MANCON 3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		TANK1	
466	060810ZJAN99	INF AB	MANCON 3	SHIP MOVE	HAVE COMMENCED MOVEMENT			
467	060810ZJAN99	SUB2	AGCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPF72864
468	060810ZJAN99	AGSUP	AGCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPF72864
469	060810ZJAN99	AGSUP	AGCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPF72864
470	060810ZJAN99	AGSUP	AGCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPF72864
471	060810ZJAN99	AGSUP	AGCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPF72864
472	060810ZJAN99	AGSUP	AGCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPF72864
473	060810ZJAN99	AGAIR	AGCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPF72864
474	060810ZJAN99	AGAIR	AGCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPF72864
475	060810ZJAN99	AGAIR	AGCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPF72864
476	060810ZJAN99	AGAIR	AGCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPF72864
477	060810ZJAN99	AGAIR	AGCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPF72864
478	060810ZJAN99	ENG	MANCON 1	OBJECT DETECT	HAVE DETECTED STRUCTURE		AGAIR	
479	060810ZJAN99	ENG	MANCON 1	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	AGSUP	
480	060810ZJAN99	ENG	MANCON 1	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	6	AGSUP	
481	060810ZJAN99	ENG	MANCON 1	VISUAL DETECT	DETECTION HAS BEEN TEMPORARILY LOST	3	DMVH2	
482	060810ZJAN99	SO	MANCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	DMVH2	
483	060810ZJAN99	SO	MANCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	DMVH2	

A	B	C	D	E	F	G	H	I
484	060812ZJAN99	32SPF724897	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPF724853
485	060812ZJAN99	32SPF724897	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPF724853
486	060812ZJAN99	32SPF724897	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPF724853
487	060812ZJAN99	32SPF724897	MANCON_4	AIR TRK DATA	SURFACE TRACK DETECTED	AW	SUBZ	32SPF724853
488	060812ZJAN99	32SPF724897	AGCON_1	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	2	VMV_PURPLE	32SPF724853
489	060812ZJAN99	32SPF522782	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	INF_AP	32SPF724853
490	060812ZJAN99	32SPF522782	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	INF_AP	32SPF724853
491	060812ZJAN99	32SPF522782	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	AAAVIP	32SPF724853
492	060812ZJAN99	32SPF522782	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	FROG2	32SPF724853
493	060812ZJAN99	32SPF522782	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	7	INF_HP	32SPF724853
494	060812ZJAN99	32SPF522782	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	FROG2	32SPF724853
495	060812ZJAN99	32SPF522782	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	VMV_PURPLE	32SPF724853
496	060812ZJAN99	32SPF522782	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	VMV_PURPLE	32SPF724853
497	060812ZJAN99	32SPF522782	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	8	VMV_PURPLE	32SPF724853
498	060812ZJAN99	32SPF522782	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	FROG2	32SPF724853
499	060812ZJAN99	32SPF522782	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	2	FROG2	32SPF724853
500	060812ZJAN99	32SPF522782	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	2	INF_AP	32SPF724853
501	060812ZJAN99	32SPF724897	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	FROG2	32SPF724853
502	060812ZJAN99	32SPF724897	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	INF_HB	32SPF724853
503	060812ZJAN99	32SPF724897	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	4	INF_A/B	32SPF724853
504	060812ZJAN99	32SPF724897	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	INF_H/B	32SPF724853
505	060812ZJAN99	32SPF724897	AGCON_1	VISUAL DETECT	HAVE DETECTED PLATOON SIZED INFANTRY UNIT	4	INF_A/B	32SPF724853
506	060812ZJAN99	32SPF724897	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	INF_A/B	32SPF724853
507	060812ZJAN99	32SPF724897	MANCON_3	OBJECT DETECT	HAVE DETECTED STRUCTURE	7	SILKS	32SPF724853
508	060812ZJAN99	32SPF724897	MANCON_3	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	AGAIR	32SPF724853
509	060812ZJAN99	32SPF724897	MANCON_3	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	8	AGSUP	32SPF724853
510	060812ZJAN99	32SPF724897	MANCON_3	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	AGAIR	32SPF724853
511	060812ZJAN99	32SPF724897	MANCON_3	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	6	AGAIR	32SPF724853
512	060812ZJAN99	32SPF724897	MANCON_3	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	6	AGAIR	32SPF724853
513	060812ZJAN99	32SPF724897	MANCON_4	AIR TRK DATA	CRUISE MISSILE HAS LAUNCHED	7	AGSUP	32SPF724853
514	060812ZJAN99	LHA	MANCON_4	AIR TRACK DETECTED	AIR TRACK DETECTED	AX	ASW3	32SPF724853
515	060812ZJAN99	32SPF724897	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		AGAIR	
516	060812ZJAN99	32SPF724897	AGCON_1	UNIT CASUALTY LIMIT	HAS REACHED EFFECTIVE CASUALTY LIMIT			
517	060812ZJAN99	32SPF724897	AGCON_1	UNIT DESTRUCTION	UNIT IS NO LONGER COMBAT EFFECTIVE		INF_AP	
518	060812ZJAN99	32SPF724897	AGCON_1	ENGAGEMENT STATUS CHANGE	IS DESTROYED, TERMINATING ENGAGEMENT		HILLIFY	
519	060812ZJAN99	32SPF724897	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT		HILLIFY	
520	060812ZJAN99	32SPF724897	MANCON_4	ENGAGEMENT STATUS CHANGE	IS DESTROYED, TERMINATING ENGAGEMENT		INF_HP	
521	060812ZJAN99	32SPF724897	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT		HILLIFY	
522	060812ZJAN99	32SPF724897	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT		VMV_PURPLE	
523	060812ZJAN99	32SPF724897	MANCON_4	REPORT	Initial engagement:		HILLIFY	
524	060812ZJAN99	32SPF724897	MANCON_4,AGCON_1	REPORT	Initial engagement:		INF_AP	
525	060812ZJAN99	32SPF724897	MANCON_4,AGCON_1	REPORT	Initial engagement:		HILLIFY	
526	060812ZJAN99	32SPF724897	MANCON_4,AGCON_1	REPORT	Initial engagement:		INF_HP	
527	060812ZJAN99	32SPF724897	MANCON_4,AGCON_1	REPORT	Initial engagement:		VMV_PURPLE	
528	060812ZJAN99	32SPF724897	MANCON_4,AGCON_1	REPORT	Cumulative losses:		HILLIFY	
529	060812ZJAN99	32SPF724897	MANCON_4,AGCON_1	REPORT	Cumulative losses:		HILLIFY	
530	060812ZJAN99	32SPF724897	MANCON_4,AGCON_1	REPORT	Cumulative losses:		INF_HP	
531	060812ZJAN99	32SPF724897	MANCON_4,AGCON_1	REPORT	Cumulative losses:		VMV_PURPLE	
532	060812ZJAN99	32SPF724897	MANCON_4,AGCON_1	REPORT	Cumulative losses:		FROG2	
533	060812ZJAN99	32SPF724897	MANCON_4,AGCON_1	REPORT	Incremental losses:		HILLIFY	
534	060812ZJAN99	32SPF724897	MANCON_4,AGCON_1	REPORT	Incremental losses:		INF_HP	
535	060812ZJAN99	32SPF724897	MANCON_4,AGCON_1	REPORT	Incremental losses:		HILLIFY	
536	060812ZJAN99	32SPF724897	AGCON_1,MANCON_4	REPORT	Initial engagement:		HILLIFY	
537	060812ZJAN99	32SPF724897	AGCON_1,MANCON_4	REPORT	Initial engagement:		VMV_PURPLE	
538	060812ZJAN99	32SPF724897	AGCON_1,MANCON_4	REPORT	Initial engagement:		HILLIFY	
539	060812ZJAN99	32SPF724897	AGCON_1,MANCON_4	REPORT	Initial engagement:		HILLIFY	
540	060812ZJAN99	32SPF724897	AGCON_1,MANCON_4	REPORT	Cumulative losses:		SOUTH RD	
541	060812ZJAN99	32SPF724897	AGCON_1,MANCON_4	REPORT	Cumulative losses:		NORTH RD	
542	060812ZJAN99	32SPF724897	AGCON_1,MANCON_4	REPORT	Cumulative losses:		NOR BCH	
543	060812ZJAN99	32SPF724897	AGCON_1,MANCON_4	REPORT	Cumulative losses:			
544	060812ZJAN99	32SPF724897	AGCON_1,MANCON_4	REPORT	Cumulative losses:			
545	060812ZJAN99	32SPF724897	AGCON_1,MANCON_4	REPORT	Cumulative losses:			
546	060812ZJAN99	32SPF724897	AGCON_1,MANCON_4	REPORT	Cumulative losses:			
547	060812ZJAN99	32SPF724897	AGCON_1,MANCON_4	REPORT	Cumulative losses:			
548	060812ZJAN99	ASW3	MANCON_2	AIR RITE POINT	No changes in CDA since last report.			
549	060812ZJAN99	SUB2	AGCON_1	STATUS CHANGE	CRUISE MISSILE HAS REACHED ATTACK POINT			
550	060812ZJAN99	FFO	MANCON_2	ASSESSMENT REPORT	UNDER AIR ATTACK			
551	060812ZJAN99	SILK2	AGCON_1	OBJECT DETECT	AIR TO SURFACE MANT# ASW3			32SPF724853
552	060812ZJAN99	SILK2	AGCON_1	VISUAL DETECT	HAVE DETECTED STRUCTURE			32SPF724853
553	060812ZJAN99	SILK2	AGCON_1	VISUAL DETECT	HAVE DETECTED A SHIP	2	SMC	32SPF724853

	J	K	L	M	N	O	P	Q	R	S	T	U
484		LAV-AT	4									
485		LAV-25	13									
486		TROOPS	83									
487	HOSTILE											
488		TROOPS	182									
489		AAAV	1									
490		FROG-7-SSM	1									
491		TROOPS	2									
492												
493		FROG-7-SSM	1									
494		MV-22	24									
495		TROOPS	208									
496		FROG-7-SSM	1									
497		TROOPS	2									
498												
499												
500												
501												
502												
503												
504		TROOPS	168									
505												
506		D-20	2									
507												
508												
509												
510		D-20	2									
511		TROOPS	262									
512												
513												
514	FRIENDLY											
515												
516												
517												
518												
519	UNIT DESTROYED											
520												
521	UNIT DESTROYED											
522												
523	UNIT DESTROYED											
524												
525												
526												
527												
528		TROOPS	5	1								
529		HMMWV-40MM-MG	0	0	1							
530		TROOPS	2	0								
531		TROOPS	4	0								
532		TROOPS	3	0								
533		TROOPS	3	1								
534		TROOPS	4	0								
535		TROOPS	2	0								
536		HMMWV-40MM-MG	0	0	1							
537												
538		CE PRODUCT	0	0								
539	No damage assessed.	CE PRODUCT	0	0								
540	No damage assessed.	CE PRODUCT	0	0								
541	No damage assessed.	CE PRODUCT	0	0								
542		TROOPS	5	1								
543		HMMWV-40MM-MG	0	0	1							
544		TROOPS	2	0								
545		TROOPS	4	0								
546		TROOPS	3	0								
547		TROOPS	0	0								
548												
549												
550	NO ASSESSMENT											
551		TROOPS	0	0								
552			257									

A	B	C	D	E	F	G	H	I
553	060814ZJAN99	BOGEY3	AGCON_1	AIR MSN LAUNCH	AIR MISSILE HAS LAUNCHED			
554	060814ZJAN99	DL403	AGCON_1	AIR MSN LAUNCH	AIR MISSILE HAS LAUNCHED			
555	060815ZJAN99	ASWA	MANCON_2	AIR TRK DATA	CRUISE MISSILE HAS LAUNCHED	AY	ASWA	32SPG0921088
556	060815ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	AZ	DL403	32SPF607678
557	060815ZJAN99	DL403	AGCON_1	AIR MSN ILLUMINATED	AIR TRACK DETECTED			
558	060815ZJAN99	SOE	MANCON_1	VISUAL DETECT STATUS	AIR MISSION ILLUMINATED BY NON-SAME SIDE RADAR	2	LDVEHI	32SPG0921088
559	060815ZJAN99	SOE	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEHI	32SPG0921088
560	060815ZJAN99	SOE	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEHI	32SPG0921088
561	060815ZJAN99	SOE	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEHI	32SPG0921088
562	060815ZJAN99	SOE	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEHI	32SPG0921088
563	060815ZJAN99	SOE	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEHI	32SPG0921088
564	060815ZJAN99	SOE	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEHI	32SPG0921088
565	060815ZJAN99	ASWA	MANCON_2	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT			
566	060815ZJAN99	FFG	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE ASW# ASWA			
567	060815ZJAN99	INF_A/B	MANCON_3	UNIT MOVE	COMMENCING MOVEMENT	4	INF_A/B	32SPF728658
568	060815ZJAN99	AGSUP	MANCON_3	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	7	AGSUP	32SPF728653
569	060815ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED SUPPLY UNIT			
570	060815ZJAN99	INF_A/B	MANCON_3	UNIT MOVE	COMMENCING MOVEMENT			
571	060816ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BA	BOGEY3	32SPF728627
572	060816ZJAN99	BOGEY3	AGCON_1	AIR MSN ILLUMINATED	AIR MISSION ILLUMINATED BY NON-SAME SIDE RADAR			
573	060816ZJAN99	INF_A/B	MANCON_3	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.39252--2.00000)			
574	060816ZJAN99	INF_A/B	MANCON_3	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.29759--2.00000)			
575	060816ZJAN99	INF_A/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
576	060816ZJAN99	AGAIR	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
577	060816ZJAN99	AGSUP	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
578	060816ZJAN99	BCAS12	MANCON_3	AIR RTE POINT	AIR MISSILE HAS REACHED ATTACK POINT			
579	060816ZJAN99	SILKS	MANCON_3	STATUS CHANGE	RECEIVING AIR TO SURFACE FIRE			
580	060816ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS9			
581	060816ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS9			
582	060816ZJAN99	SILKS	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE BCAS9			
583	060816ZJAN99	ASWS	MANCON_2	AIR MSN LAUNCH	CRUISE MISSILE HAS LAUNCHED			
584	060816ZJAN99	GCAP1	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT			
585	060816ZJAN99	VF_GREEN	MANCON_2	ASSESSMENT REPORT	AIR TO AIR GCAP1			
586	060816ZJAN99	BOGEY3	AGCON_1	ASSESSMENT REPORT	AIR TO AIR GCAP1			
587	060816ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BB	ASWA	32SQF088983
588	060816ZJAN99	SILKS	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	INF_A/B	32SPF538968
589	060816ZJAN99	ENG	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	7	SILKS	32SPF790785
590	060816ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	SILKS	32SPF797771
591	060816ZJAN99	QA142	AGCON_1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
592	060816ZJAN99	BOGEY4	AGCON_1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
593	060816ZJAN99	ASWS	MANCON_2	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT			
594	060816ZJAN99	FFG	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE ASWS			
595	060816ZJAN99	SUB2	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE ASWS			
596	060816ZJAN99	GCAP1	MANCON_2	AIR RTE POINT	AIR TO SURFACE ASWS			
597	060817ZJAN99	VF_GREEN	MANCON_2	ASSESSMENT REPORT	AIR TO AIR GCAP1			
598	060817ZJAN99	BOGEY3	AGCON_1	ASSESSMENT REPORT	AIR TO AIR GCAP1			
599	060817ZJAN99	GCAP1	MANCON_2	AD ENGAGE END	TERMINATING ENGAGEMENT WITH TRACK			
600	060817ZJAN99	BOGEY3	AGCON_1	AIR MSN LAUNCH	AIR MISSION CANCELED DUE TO LOSS OF AIRCRAFT			
601	060817ZJAN99	BOGEY3	AGCON_1	AIRCRAFT STAT	AIR TRACK DETECTED			
602	060817ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BC	QA142	32SPF686874
603	060817ZJAN99	QA142	AGCON_1	AIR MSN ILLUMINATED	AIR MISSION ILLUMINATED BY NON-SAME SIDE RADAR			
604	060817ZJAN99	PB2	AGCON_1	SHIP MOVE	HAVE COMMENCED MOVEMENT			
605	060817ZJAN99	SUB2	AGCON_1	SHIP MOVE	UNABLE TO MOVE - SHIP DAMAGED			
606	060817ZJAN99	BCAS11	MANCON_3	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
607	060817ZJAN99	BCAS12	MANCON_3	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
608	060817ZJAN99	BCAS10	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
609	060817ZJAN99	SILK2	AGCON_1	STATUS CHANGE	RECEIVING AIR TO SURFACE FIRE			
610	060817ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE Msn# BCAS10			
611	060817ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE Msn# BCAS10			
612	060817ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BD	BCAS12	32SPG0926052
613	060817ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BE	BCAS11	32SPG0926052
614	060817ZJAN99	LHA	MANCON_4	AIR TRK DATA	SURFACE TRACK DETECTED	BF	PB2	32SQG052159
615	060817ZJAN99	LHA	MANCON_4	AIR TRK DATA	SURFACE TRACK DETECTED	BG	BOGEY4	32SPF771801
616	060818ZJAN99	BOGEY4	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
617	060818ZJAN99	FROG4	AGCON_1	AIR MSN ILLUMINATED	AIR MISSION ILLUMINATED BY NON-SAME SIDE RADAR	2	VNF_PURPLE	32SPF842829
618	060818ZJAN99	FROG4	AGCON_1	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	3	INF_AP	32SPF842829
619	060818ZJAN99	VNF_PURPLE	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	8	FROG4	32SPG098187
620	060818ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEHI	32SPG0728013
621	060818ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEHI	32SPG0728013

A	B	C	D	E	F	G	H	I
822	060818ZJAN99	SOE	MANCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH1	32SPF728913
823	060818ZJAN99	SOE	MANCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH1	32SPF728913
824	060818ZJAN99	SOE	MANCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH1	32SPF728913
825	060818ZJAN99	INF_HIP	MANCON 4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	6	FROG4	32SPF607917
826	060818ZJAN99	INF_ABP	MANCON 4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	6	FROG4	32SPF606918
827	060818ZJAN99	INF_ABP	MANCON 4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	6	FROG4	32SPF606918
828	060818ZJAN99	INF_ABP	MANCON 4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	6	FROG4	32SPF606918
829	060818ZJAN99	FROG2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	5	INF_HVB	32SPF515732
830	060818ZJAN99	FROG2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	5	INF_A/B	32SPF480748
831	060818ZJAN99	INF_HVB	MANCON 3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG3	32SPF734917
832	060818ZJAN99	INF_HVB	MANCON 3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG3	32SPF734917
833	060818ZJAN99	INF_AB	MANCON 3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG3	32SPF734917
834	060818ZJAN99	INF_AB	MANCON 3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG3	32SPF734917
835	060818ZJAN99	BCAS11	MANCON 3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT	3	FROG3	32SPF734917
836	060818ZJAN99	BCAS12	MANCON 3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT	3	FROG3	32SPF734917
837	060818ZJAN99	BCAS9	MANCON 3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT	3	FROG3	32SPF734917
838	060818ZJAN99	BCAS9	MANCON 3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT	3	FROG3	32SPF734917
839	060818ZJAN99	BCAS9	MANCON 3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT	3	FROG3	32SPF734917
840	060818ZJAN99	FCAS7	MANCON 2	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT	2	ENG	32SPF744688
841	060818ZJAN99	FROG3	AGCON 1	AIR RTE POINT	RECEIVING AIR-TO-SURFACE FIRE	2	ENG	32SPF744688
842	060818ZJAN99	VF_FLAG	MANCON 1	STATUS CHANGE	AIR TO SURFACE Msn# FCAS7	2	ENG	32SPF744688
843	060818ZJAN99	SOE	MANCON 1	ASSESSMENT REPORT	AIR TO SURFACE Msn# FCAS7	2	ENG	32SPF744688
844	060818ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG	32SPF744688
845	060818ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG	32SPF744688
846	060818ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG	32SPF744688
847	060818ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG	32SPF744688
848	060818ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG	32SPF744688
849	060818ZJAN99	ENG	MANCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG	32SPF744688
850	060818ZJAN99	ENG	MANCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF46893
851	060818ZJAN99	FROG2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF46893
852	060818ZJAN99	FROG2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF46893
853	060818ZJAN99	FROG2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF46893
854	060818ZJAN99	FROG2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF46893
855	060818ZJAN99	FROG2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF46893
856	060818ZJAN99	FROG2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF46893
857	060818ZJAN99	ENG	MANCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF46893
858	060818ZJAN99	ENG	MANCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF46893
859	060818ZJAN99	ENG	MANCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF46893
860	060818ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF46893
861	060818ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF46893
862	060818ZJAN99	INF_HVB	MANCON 3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	TANK1	32SPF46893
863	060818ZJAN99	INF_HVB	MANCON 3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	TANK1	32SPF46893
864	060818ZJAN99	INF_AB	MANCON 3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	TANK1	32SPF46893
865	060818ZJAN99	INF_AB	MANCON 3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	TANK1	32SPF46893
866	060818ZJAN99	INF_AB	MANCON 3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	TANK1	32SPF46893
867	060818ZJAN99	LDVEH1	MANCON 3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	TANK1	32SPF46893
868	060818ZJAN99	CG	MANCON 2	UNIT MOVE	COMMENCING MOVEMENT	4	TANK1	32SPF46893
869	060818ZJAN99	BOGEY4	AGCON 1	ASSESSMENT REPORT	SURFACE TO AIR CG	4	BOGEY4	32SPF77904
870	060818ZJAN99	CG	MANCON 2	ASSESSMENT REPORT	SURFACE TO AIR CG	4	BOGEY4	32SPF77904
871	060818ZJAN99	FROG4	AGCON 1	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAW MISSION DUE TO CPR (0.000000<=0.17000)	3	BOGEY4	32SPF77904
872	060818ZJAN99	INF_AP	AGCON 1	AD ENGAGEMENT	TERMINATING ENGAGEMENT WITH TARGET	3	AGAIR1	32SPF77904
873	060818ZJAN99	BCAS10	AGCON 1	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT	3	(BOGEY4)	32SPF77904
874	060818ZJAN99	BCAS10	AGCON 1	ENGAGEMENT STATUS CHANGE	COMMENCING MOVEMENT	3	(BOGEY4)	32SPF77904
875	060818ZJAN99	BCAS10	AGCON 1	ENGAGEMENT STATUS CHANGE	COMMENCING MOVEMENT	3	(BOGEY4)	32SPF77904
876	060818ZJAN99	BOGEY4	AGCON 1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT	4	FROG4	32SPF46893
877	060818ZJAN99	BOGEY4	AGCON 1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT	4	FROG4	32SPF46893
878	060818ZJAN99	LDVEH1	AGCON 1	AIR RTE POINT	AIR MISSION CANCELED DUE TO LOSS OF AIRCRAFT	4	FROG4	32SPF46893
879	060818ZJAN99	LHA	AGCON 1	AIR RTE POINT	AIR MISSION CANCELED DUE TO LOSS OF AIRCRAFT	4	FROG4	32SPF46893
880	060818ZJAN99	BOGEY2	AGCON 1	UNIT DESTINATION	HAVE REACHED ASSIGNED DESTINATION	4	BOGEY2	32SPG85224
881	060818ZJAN99	SILK1	AGCON 1	AIR TRK DATA	AIR TRACK DETECTED	BH	BOGEY2	32SPG85224
882	060818ZJAN99	INF_AP	AGCON 1	AIR MSN ILLUMINATED	AIR TRACK DETECTED	BH	BOGEY2	32SPG85224
883	060818ZJAN99	FROG4	AGCON 1	VISUAL DETECT STATUS	AIR MISSION ILLUMINATED BY NON-SAME SIDE RADAR	3	INF_AP	32SPF801925
884	060818ZJAN99	HEL01	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	SILK1	32SPF812985
885	060818ZJAN99	FROG4	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	VNAV_PURPLE	32SPF45929
886	060820ZJAN99	VF_ORREN	MANCON 2	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED	2	VF_ORREN	32SPF45929
887	060820ZJAN99	GCAP2	MANCON 2	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION	2	GCAP2	32SPF45929
888	060820ZJAN99	BOGEY2	AGCON 1	AIR RTE POINT	AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT	2	BOGEY2	32SPF45929
889	060820ZJAN99	FCAS7	MANCON 1	ASSESSMENT REPORT	AIR TO AIR GCAP2	2	AGAIR1	32SPF45929
890	060820ZJAN99	FCAS7	MANCON 1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT	2	AGAIR1	32SPF45929

	J	K	L	M	N	O	P	Q	R	S	T	U
691		TROOPS	182									
692		SMAW	6									
693		TROOPS	188									
694		AT4-US	9									
695		60MM-MTR	3									
696		M-16	130									
697		SAW	27									
698		M-203	27									
699		M240-MG	6									
700		SMAW	6									
701		TROOPS	182									
702		AT4-US	9									
703		60MM-MTR	3									
704		M-16	132									
705		SAW	27									
706		M-203	27									
707		M240-MG	6									
708		SMAW	6									
709		TROOPS	188									
710		AT4-US	9									
711		60MM-MTR	3									
712		M-16	130									
713		SAW	27									
714		M-203	27									
715		M240-MG	6									
716		SMAW	6									
717		TROOPS	182									
718		TROOPS	282									
719		M-16	218									
720		TROOPS	175									
721		TROOPS	282									
722		M-16	218									
723		D-20	2									
724		TROOPS	6									
725												
726												
727		FROG-7-SSM	1									
728		TROOPS	182									
729		FROG-7-SSM	1									
730		TROOPS	4									
731		MV-22	24									
732		TROOPS	209									
733		5.0-TRUCK	3									
734		MCLIC	7									
735		X-TANK	4									
736		HMMWV	4									
737		SEE	0									
738		FROG-7-SSM	1									
739		TROOPS	4									
740		FROG-7-SSM	1									
741												
742												
743												
744												
745												
746												
747												
748		TROOPS	1410	473								
749		TROOPS	135	132								
750		TROOPS	135	132								
751		TROOPS	135	132								
752		NIMITZ-CLASS	0	0								
753		NSSMS-LNCHR	0	0								
754		TROOPS	1410	473								
755		NIMITZ-CLASS	0	0								
756		NSSMS-LNCHR	0	0								
757		TROOPS	135	132								
758		TROOPS	135	132								
759		TROOPS	135	132								

A	B	C	D	E	F	G	H	I
760	060320ZJAN99	VF_GREEN	MANCON_2	ASSESSMENT REPORT	AIR_TO_SURFACE BOGEY2		VF_GREEN	
761	060320ZJAN99	BOGEY5	AGCON_1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
762	060320ZJAN99	INF_H/B	MANCON_3	UNIT MOVE	COMMENCING MOVEMENT			
763	060320ZJAN99	GCAP2	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT			
764	060320ZJAN99	VF_GREEN	MANCON_2	ASSESSMENT REPORT	AIR_TO_SURFACE BOGEY2		BOGEY2	
765	060320ZJAN99	BOGEY2	AGCON_1	ASSESSMENT REPORT	AIR_TO_SURFACE BOGEY2			
766	060320ZJAN99	GCAP2	MANCON_2	AD ENGAGE END	TERMINATING ENGAGEMENT WITH TRACK			
767	060320ZJAN99	GCAP2	MANCON_2	AIR WPN LUNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT			
768	060320ZJAN99	GCAP2	MANCON_2	STATUS CHANGE	AIR WPN LUNCH			
769	060320ZJAN99	VF_FLAG	AGCON_1	ASSESSMENT REPORT	UNDER AIR ATTACK			
770	060320ZJAN99	VF_FLAG	MANCON_1	ASSESSMENT REPORT	AIR_TO_SURFACE FCS2		PB2	
771	060320ZJAN99	SOE	MANCON_1	ASSESSMENT REPORT	AIR_TO_SURFACE FCS2			
772	060320ZJAN99	SOE	MANCON_1	ASSESSMENT REPORT	AIR_TO_SURFACE FCS2		PB2	
773	060320ZJAN99	PB2	AGCON_1	ASSESSMENT REPORT	AIR_TO_SURFACE FCS2			
774	060320ZJAN99	PB2	AGCON_1	ASSESSMENT REPORT	AIR_TO_SURFACE FCS2		PB2	
775	060320ZJAN99	BOGEY2	AGCON_1	AIR MSN CANX	AIR MISSION CANCELED DUE TO LOSS OF AIRCRAFT			
776	060320ZJAN99	BOGEY2	AGCON_1	AIRCRAFT STAT				
777	060321ZJAN99	INF_A/B	MANCON_3	UNIT MOVE	COMMENCING MOVEMENT		INF_A/B	
778	060321ZJAN99	FROG4	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
779	060321ZJAN99	AGAIR	AGCON_1	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAWAL MISSION DUE TO CPR (0.00000<=0.17000)			
780	060321ZJAN99	AGAIR	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		INF_H/B	
781	060321ZJAN99	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		AGAIR	
782	060321ZJAN99	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		AGSLP	
783	060321ZJAN99	INF_H/B	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		ARTY1	
784	060321ZJAN99	AGSLP	AGCON_1	UNIT MOVE	COMMENCING MOVEMENT			
785	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_H/B	32SPF728830
786	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_H/B	32SPF728830
787	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_H/B	32SPF728830
788	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_H/B	32SPF728830
789	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_H/B	32SPF728830
790	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_H/B	32SPF728830
791	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_H/B	32SPF728830
792	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_H/B	32SPF728830
793	060321ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT		LDVEH3	32SPG729013
794	060321ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT		LDVEH3	32SPG729013
795	060321ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT		LDVEH3	32SPG729013
796	060321ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT		LDVEH3	32SPG729013
797	060321ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT		LDVEH3	32SPG729013
798	060321ZJAN99	SOE	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT		LDVEH3	32SPG729013
799	060321ZJAN99	SILK1	AGCON_1	VISUAL DETECT	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF728830
800	060321ZJAN99	INF_H/B	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF728830
801	060321ZJAN99	VMV_PURPLE	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		SILK1	32SPG73187
802	060321ZJAN99	SILK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		SILK1	32SPG73187
803	060321ZJAN99	PCASA	MANCON_4,MANCON_1	AIR WPN LUNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		VMV_PURPLE	32SPF70252
804	060321ZJAN99	ARTY1	AGCON_1	STATUS CHANGE	UNDER AIR ATTACK			
805	060321ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR_TO_SURFACE PCASA		ARTY1	
806	060321ZJAN99	SOE	MANCON_1	ASSESSMENT REPORT	AIR_TO_SURFACE PCASA		ARTY1	
807	060321ZJAN99	ARTY1	AGCON_1	ASSESSMENT REPORT	AIR_TO_SURFACE PCASA		ARTY1	
808	060321ZJAN99	LDVEH3	AGCON_1	UNIT MOVE	COMMENCING MOVEMENT			
809	060321ZJAN99	LDVEH3	AGCON_1	UNIT DESTINATION	HAVE REACHED ASSIGNED DESTINATION			
810	060321ZJAN99	INF_H/B	MANCON_3	OBJECT DETECT	HAVE DETECTED ANTL PERSONNEL MineMhd			32SPG815050
811	060321ZJAN99	INF_H/B	MANCON_3	OBJECT DETECT	HAVE DETECTED STRUCTURE			32SPG820051
812	060321ZJAN99	INF_H/B	MANCON_3	OBJECT DETECT	HAVE DETECTED STRUCTURE			32SPG74085
813	060321ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	DETECTION HAS BEEN TEMPORARILY LOST		PB1	32SPF967831
814	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967831
815	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967831
816	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967831
817	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967831
818	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967831
819	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967831
820	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967831
821	060321ZJAN99	AGSLP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967831
822	060321ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967832
823	060321ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967832
824	060321ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967832
825	060321ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967832
826	060321ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967832
827	060321ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967832
828	060321ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_H/B	32SPF967832

A	B	C	D	E	F	G	H	I
829	060827ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	INF_H/B	32SPF07832
830	060827ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	AGAIR	32SPG577048
831	060827ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	AGAIR	32SPG577048
832	060827ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	AGSUP	32SPG577048
833	060827ZJAN99	GCAS2	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
834	060827ZJAN99	PCAS2	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
835	060827ZJAN99	PCAS2	MANCON_1	AIRCRAFT STAT				
836	060827ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BI	BOGEY5	32SPF07878
837	060827ZJAN99	BOGEY5	AGCON_1	AIR MSN ILLUMINATED	AIR TRK TRACKED			
838	060827ZJAN99	AGSUP	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
839	060827ZJAN99	AGAIR	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
840	060827ZJAN99	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
841	060827ZJAN99	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
842	060827ZJAN99	AGAIR	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
843	060827ZJAN99	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
844	060827ZJAN99	AGSUP	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
845	060827ZJAN99	GROUND_ENGAGEMENT_5	AGCON_1, MANCON_3	REPORT	Initial engagement:			
846	060827ZJAN99	GROUND_ENGAGEMENT_5	AGCON_1, MANCON_3	REPORT	Initial engagement:			
847	060827ZJAN99	GROUND_ENGAGEMENT_5	AGCON_1, MANCON_3	REPORT	Initial engagement:			
848	060827ZJAN99	GROUND_ENGAGEMENT_5	AGCON_1, MANCON_3	REPORT	Initial engagement:			
849	060827ZJAN99	GROUND_ENGAGEMENT_5	AGCON_1, MANCON_3	REPORT	Cumulative losses:			
850	060827ZJAN99	GROUND_ENGAGEMENT_5	AGCON_1, MANCON_3	REPORT	Incremental losses:			
851	060827ZJAN99	GROUND_ENGAGEMENT_5	AGCON_1, MANCON_3	REPORT	Incremental losses:			
852	060827ZJAN99	BOGEY5	AGCON_1	AIR USN LAUNCH	AIR MISSION HAS LAUNCHED			
853	060827ZJAN99	BOGEY5	MANCON_2	AIR USN LAUNCH	AIR MISSION HAS LAUNCHED			
854	060827ZJAN99	ASWB	AGCON_1	AIR MSN LAUNCH	CRUISE MISSILE HAS LAUNCHED			
855	060827ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	INF_AP	32SPG577117
856	060827ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	AAAV/P	32SPF020991
857	060827ZJAN99	INF_AP	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	FROG2	32SPF731609
858	060827ZJAN99	INF_AP	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	FROG2	32SPF731609
859	060827ZJAN99	INF_AP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	7	INF_MP	32SPG72074
860	060827ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	FROG2	32SPF845640
861	060827ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	8	VMV_PURPLE	32SPG745057
862	060827ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	8	VMV_PURPLE	32SPG745057
863	060827ZJAN99	VMV_PURPLE	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	FROG2	32SPF823654
864	060827ZJAN99	VMV_PURPLE	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	FROG2	32SPF823654
865	060827ZJAN99	SILK2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	SMC	32SPG753049
866	060827ZJAN99	GCAP3	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT			
867	060827ZJAN99	VF_GREEN	MANCON_2	ASSESSMENT REPORT	AIR TO AIR GCAP3			
868	060827ZJAN99	BOGEY5	AGCON_1	ASSESSMENT REPORT	AIR TO AIR GCAP3			
869	060827ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BJ	AGAIR1	32SQF08893
870	060827ZJAN99	PCAS4	MANCON_4, MANCON_1	AIR RTE POINT	AIR TRACK DETECTED			
871	060827ZJAN99	PCAS4	MANCON_4, MANCON_1	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT			
872	060827ZJAN99	ASWB	MANCON_2	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT			
873	060827ZJAN99	SUB2	AGCON_1	STATUS CHANGE	UNDER AIR ATTACK			
874	060827ZJAN99	FRG	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE Mtr# ASW8			
875	060827ZJAN99	ARTY1	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
876	060827ZJAN99	SILK5	AGCON_1	VISUAL DETECT	HAVE DETECTED A SHIP	3	INF_AP	32SPF816884
877	060827ZJAN99	FROG5	AGCON_1	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	2	VMV_PURPLE	32SPF843930
878	060827ZJAN99	FROG5	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	2	VMV_PURPLE	32SPF843930
879	060827ZJAN99	FROG5	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	INF_H/P	32SPF81833
880	060827ZJAN99	FROG5	AGCON_1	VISUAL DETECT	HAVE DETECTED A SHIP	4	INF_AP	32SPF78943
881	060827ZJAN99	FROG5	AGCON_1	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	5	AAAV/P	32SPF855927
882	060827ZJAN99	VMV_PURPLE	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	7	FROG5	32SPF821942
883	060827ZJAN99	VMV_PURPLE	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	7	FROG5	32SPF821942
884	060827ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	7	FROG5	32SPF821942
885	060827ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	8	FROG5	32SPF818943
886	060827ZJAN99	INF_AP	MANCON_4	VISUAL DETECT	DETECTION HAS BEEN TEMPORARILY LOST	3	INF_AP	32SPG520000
887	060827ZJAN99	FROG4	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	FROG4	32SPF482808
888	060827ZJAN99	VMV_PURPLE	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	FROG4	32SPF482808
889	060827ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	FROG4	32SPF5011784
890	060827ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	FROG4	32SPF5011784
891	060827ZJAN99	INF_AP	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	FROG4	32SPF809684
892	060827ZJAN99	GCAP3	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT			
893	060827ZJAN99	VF_GREEN	AGCON_1	ASSESSMENT REPORT	AIR TO AIR GCAP3			
894	060827ZJAN99	BOGEY5	MANCON_2	ASSESSMENT REPORT	AIR TO AIR GCAP3			
895	060827ZJAN99	GCAP3	MANCON_2	AD ENGAGE END	TERMINATING ENGAGEMENT WITH TRACK			
896	060827ZJAN99	BOGEY5	AGCON_1	AIR MSN CANY	AIR MISSION CANCELED DUE TO LOSS OF AIRCRAFT			
897	060827ZJAN99	BOGEY5	AGCON_1	AIRCRAFT STAT				

	J	K	L	M	N	O	P	Q	R	S	T	U
829												
830		SMAW		6								
831		TROOPS	262									
832		M-16	218									
833		TROOPS	175									
834												
835												
836		HOSTILE							1		0	0
837												
838												
839												
840												
841												
842												
843												
844												
845												
846												
847												
848												
849		TROOPS		80	1							
850		TROOPS		5	0							
851		TROOPS		5	0							
852		TROOPS		80	1							
853												
854												
855		TROOPS	182									
856		AAAV	1									
857		FROG-7-SSM	1									
858		TROOPS	2									
859												
860		FROG-7-SSM	1									
861		MV-22	24									
862		TROOPS	208									
863		FROG-7-SSM	1									
864		TROOPS	2									
865												
866		TROOPS	257									
867												
868		SU-24-FENCER		0	0	1						
869		SU-24-FENCER		0	0	1						
870												
871		FRIENDLY							1		0	0
872												
873												
874		NO ASSESSMENT										
875												
876												
877		TROOPS	237									
878		MV-22	24									
879		TROOPS	207									
880		TROOPS	181									
881		AAAV	1									
882		FROG-7-SSM	1									
883		TROOPS	4									
884		FROG-7-SSM	1									
885		TROOPS	4									
886		FROG-7-SSM	1									
887		TROOPS	182									
888		FROG-7-SSM	1									
889		FROG-7-SSM	1									
890		FROG-7-SSM	1									
891		TROOPS	4									
892												
893		SU-24-FENCER		0	0	1						
894		SU-24-FENCER		0	0	1						
895		ENEMY DESTROYED										
896												
897									0		0	2

A	B	C	D	E	F	G	H	I
898	060824ZJAN89	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
899	060823ZJAN89	BOGEY6	AGCON_1	AIR MSN ILLUMINATED	AIR TRACK ILLUMINATED BY NON-SAME SIDE RADAR	BK	BOGEY6	32SPFF758747
900	060823ZJAN89	INF_AB	MANCON_3	UNIT MOVE	COMMENCING MOVEMENT			
901	060824ZJAN89	PB3	AGCON_1	SHIP MOVE	HAVE COMMENCED MOVEMENT			
902	060824ZJAN89	PCAS5	MANCON_4,MANCON_1	AIR WPN LNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT			
903	060824ZJAN89	LDVEH3	AGCON_1	STATUS CHANGE	UNDER AIR ATTACK			
904	060824ZJAN89	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS		LDVEH3	
905	060824ZJAN89	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS		LDVEH3	
906	060824ZJAN89	SO	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS		LDVEH3	
907	060824ZJAN89	SO	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS		LDVEH3	
908	060824ZJAN89	LDVEH3	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS		LDVEH3	
909	060824ZJAN89	LDVEH3	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS		LDVEH3	
910	060824ZJAN89	LHA	MANCON_4	AIR TRK DATA	SURFACE TRACK DETECTED	BL	PB3	32SDF030769
911	060824ZJAN89	AGAIR	AGCON_1	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAW MISSION DUE TO CPR (0.16288<-0.17000)			
912	060824ZJAN89	FROG4	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		INF_AP	
913	060824ZJAN89	INF_AP	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		FROG4	
914	060824ZJAN89	AGAIR	AGCON_1	UNIT MOVE	COMMENCING MOVEMENT			
915	060824ZJAN89	SO	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPFF689525
916	060824ZJAN89	SO	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPFF689525
917	060824ZJAN89	SO	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPFF689525
918	060824ZJAN89	SO	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPFF689525
919	060824ZJAN89	SO	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPFF689525
920	060824ZJAN89	SO	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPFF689525
921	060824ZJAN89	SO	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPFF689525
922	060824ZJAN89	SO	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH1	32SQG107305
923	060824ZJAN89	SO	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH1	32SQG107305
924	060824ZJAN89	SO	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH1	32SQG107305
925	060824ZJAN89	SO	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH1	32SQG107305
926	060824ZJAN89	SO	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH1	32SQG107305
927	060824ZJAN89	PB1	AGCON_1	SHIP MOVE	DETECTION HAS BEEN TEMPORARILY LOST			
928	060824ZJAN89	GCAP4	AGCON_1	AIR RTE POINT	AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT			
929	060824ZJAN89	BOGEY6	MANCON_2	AD ENGAGE NOTIFY	BOGEY6 HAS BEEN FIRED ON BY AAM - NO HITS			
930	060824ZJAN89	VF_GREEN	AGCON_1	ASSESSMENT REPORT	AIR TO AIR MSH# GCAP4			
931	060824ZJAN89	GCAP3	MANCON_2	ASSESSMENT REPORT	AIR MISSION HAS REACHED ORBIT POINT			
932	060824ZJAN89	PCAS6	MANCON_4,MANCON_1	AIR WPN LNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT			
933	060824ZJAN89	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS8		BR1	
934	060824ZJAN89	SO	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS8		BR1	
935	060824ZJAN89	GCAP4	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT			
936	060824ZJAN89	VF_GREEN	MANCON_2	ASSESSMENT REPORT	AIR TO AIR GCAP4			
937	060824ZJAN89	BOGEY6	AGCON_1	ASSESSMENT REPORT	AIR TO AIR GCAP4		AGAIR	
938	060824ZJAN89	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
939	060824ZJAN89	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
940	060824ZJAN89	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
941	060824ZJAN89	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
942	060824ZJAN89	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
943	060824ZJAN89	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
944	060824ZJAN89	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
945	060824ZJAN89	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
946	060824ZJAN89	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
947	060824ZJAN89	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
948	060824ZJAN89	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
949	060824ZJAN89	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
950	060824ZJAN89	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
951	060824ZJAN89	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
952	060824ZJAN89	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
953	060824ZJAN89	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
954	060824ZJAN89	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
955	060824ZJAN89	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
956	060824ZJAN89	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
957	060824ZJAN89	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED MEDICAL UNIT	5	MED/B	32SPFF28830
958	060824ZJAN89	ENG	MANCON_1	OBJECT DETECT	HAVE DETECTED BRIDGE			
959	060824ZJAN89	ENG	MANCON_1	OBJECT DETECT	HAVE DETECTED ANTI PERSONNEL Minefield			
960	060824ZJAN89	ENG	MANCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE			
961	060824ZJAN89	ENG	MANCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE			
962	060824ZJAN89	ENG	MANCON_3	VISUAL DETECT	HAVE DETECTED A SHIP	8	PB1	32SPG80507
963	060824ZJAN89	MED/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVATION UNIT	2	AGAIR	32SPG730829
964	060824ZJAN89	MED/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVATION UNIT	2	AGAIR	32SPG730829
965	060824ZJAN89	MED/B	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED SUPPLY UNIT	3	AGSUP	32SPG730829
966	060824ZJAN89	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG	32SPG734061

	J	K	L	M	N	O	P	Q	R	S	T	U
898	HOSTILE											
899												
900												060823ZJAN99
901												
902												
903												
904		TROOPS		9	4	0	0	0				
905		LAV-MTR		0	0	2	0	0				
906		TROOPS		9	4	0	0	0				
907		LAV-MTR		0	0	2	0	0				
908		TROOPS		9	4	0	0	0				
909		LAV-MTR		0	0	2	0	0				
910	HOSTILE											
911												
912												
913												
914												
915		LAV-MTR		2								
916		LAV-LOG		3								
917		LAV-COMMAND		1								
918		LAV-AT		4								
919		LAV-25		13								
920		TROOPS		63								
921		LAV-MTR		2								
922		LAV-LOG		3								
923		LAV-COMMAND		1								
924		LAV-AT		4								
925		LAV-25		13								
926		TROOPS		83								
927												
928												
929	NO ASSESSMENT			0	0	0	0	0				
930												
931												
932												
933	E Product damage level increased 99 percent.	CE_PRODUCT		0	0	0	0	0				
934	E Product damage level increased 99 percent.	CE_PRODUCT		0	0	0	0	0				
935												
936		SU-24-FENCER										
937		SU-24-FENCER										
938		TRAILER-WATER-300G		3								
939		S.D-TRUCK		3								
940		HMMWV-AMBUL		9								
941		HMMWV		3								
942		TROOPS		201								
943		SAW		2								
944		AT4-JS		2								
945		M-16		216								
946		M240-MG		1								
947		.50CAL-MG		1								
948		TRAILER-WATER-300G		3								
949		S.D-TRUCK		3								
950		HMMWV-AMBUL		9								
951		HMMWV		3								
952		TROOPS		201								
953		SAW		2								
954		AT4-JS		2								
955		M-16		216								
956		M240-MG		1								
957		.50CAL-MG		1								
958	% 89 DAMAGED											
959	% 0 DAMAGED											
960												
961												
962		PC-BOAT		1								
963		TROOPS		192								
964		M-16		215								
965		TROOPS		175								
966		S.D-TRUCK		3								

	J	K	L	M	N	O	P	Q	R	S	T	U
967		MCLIC	7									
968		X-TANK	4									
969		HMMWV	9									
970		SEE	2									
971		5.0-TRUCK	3									
972		MCLIC	7									
973		X-TANK	4									
974		HMMWV	9									
975		SEE	2									
976												
977												
978		LAV-LOG	3									
979		LAV-COMMAND	1									
980		LAV-AT	4									
981		LAV-25	13									
982		TROOPS	67									
983												
984												
985												
986												
987												
988												
989		SU-24-FENCER	0	0	1	0	0	0	1	0	0	0
990		SU-24-FENCER	0	0	1	0	0	0	0	0	0	0
991		ENEMY DESTROYED										
992												
993												
994												
995												
996												
997		BOEING-747	45									
998		TROOPS	182									
999		D-20	1									
1000		TROOPS	8									
1001												
1002												
1003												
1004												
1005												
1006		HOSTILE										
1007												
1008												
1009												
1010												
1011												
1012												
1013												
1014		NO ASSESSMENT										
1015												
1016												
1017		BOEING-747	46									
1018		HMMWV-TOW	8									
1019		M1A1	14									
1020												
1021		D-20	2									
1022		D-20	2									
1023												
1024		FROG-7-SSM	1									
1025												
1026		FRIENDLY										
1027		FRIENDLY										
1028		FRIENDLY										
1029												
1030												
1031												
1032		CE_PRODUCT	0	0	0	0	0	0	0	0	0	0
1033		No damage assessed.	0	0	0	0	0	0	0	0	0	0
1034		CE_PRODUCT	0	0	0	0	0	0	0	0	0	0
1035		No damage assessed.										

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A	B	C	D	E	F	G	H	I
1038	060827ZJAN89	PB1	AGCON_1	STATUS CHANGE	UNDER AIR ATTACK			
1037	060827ZJAN89	VF_FLAG	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE FCAS4			
1036	060827ZJAN89	VF_FLAG	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE FCAS4			
1035	060827ZJAN89	SOF	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE FCAS4			
1034	060827ZJAN89	SOF	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE FCAS4			
1041	060827ZJAN89	SOF	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE FCAS4			
1042	060827ZJAN89	PB1	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
1043	060827ZJAN89	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
1044	060827ZJAN89	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
1045	060827ZJAN89	FCAS4	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
1046	060827ZJAN89	FCAS4	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
1047	060827ZJAN89	GCAP9	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
1048	060827ZJAN89	ASWP	MANCON_2	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
1049	060827ZJAN89	ASWP	MANCON_2	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
1050	060827ZJAN89	LU812	AGCON_1	AIR TRK DATA	AIR TRACK DETECTED			
1051	060827ZJAN89	BOGEV7	AGCON_1	AIR TRK DATA	AIR TRACK DETECTED			
1052	060827ZJAN89	LU812	AGCON_1	AIR TRK DATA	AIR TRACK DETECTED			
1053	060827ZJAN89	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
1054	060827ZJAN89	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
1055	060827ZJAN89	GCAP9	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
1056	060827ZJAN89	GCAP9	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
1057	060827ZJAN89	SILK4	AGCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE			
1058	060827ZJAN89	SILK4	AGCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE			
1059	060827ZJAN89	SILK4	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT			
1060	060827ZJAN89	SILK4	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT			
1061	060827ZJAN89	SILK4	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT			
1062	060827ZJAN89	SILK4	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT			
1063	060827ZJAN89	SILK4	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT			
1064	060827ZJAN89	SILK4	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT			
1065	060827ZJAN89	SILK4	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT			
1066	060827ZJAN89	TANK2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT			
1067	060827ZJAN89	ENG	MANCON_1	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT			
1068	060827ZJAN89	ENG	MANCON_1	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT			
1069	060827ZJAN89	INF_HB	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT			
1070	060827ZJAN89	INF_HB	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT			
1071	060827ZJAN89	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1072	060827ZJAN89	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1073	060827ZJAN89	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1074	060827ZJAN89	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1075	060827ZJAN89	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1076	060827ZJAN89	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1077	060827ZJAN89	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1078	060827ZJAN89	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1079	060827ZJAN89	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1080	060827ZJAN89	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1081	060827ZJAN89	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1082	060827ZJAN89	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1083	060827ZJAN89	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1084	060827ZJAN89	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1085	060827ZJAN89	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1086	060827ZJAN89	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1087	060827ZJAN89	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1088	060827ZJAN89	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1089	060827ZJAN89	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1090	060827ZJAN89	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1091	060827ZJAN89	MEDB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1092	060827ZJAN89	MEDB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1093	060827ZJAN89	MEDB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST			
1094	060827ZJAN89	GCAP9	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
1095	060827ZJAN89	GROUND_ENGAGEMENT_5	AGCON_1,MANCON_3	REPORT	Initial engagement:			
1096	060827ZJAN89	GROUND_ENGAGEMENT_5	AGCON_1,MANCON_3	REPORT	Initial engagement:			
1097	060827ZJAN89	GROUND_ENGAGEMENT_5	AGCON_1,MANCON_3	REPORT	Initial engagement:			
1098	060827ZJAN89	GROUND_ENGAGEMENT_5	AGCON_1,MANCON_3	REPORT	Cumulative losses:			
1099	060827ZJAN89	GROUND_ENGAGEMENT_5	AGCON_1,MANCON_3	REPORT	Cumulative losses:			
1100	060827ZJAN89	GROUND_ENGAGEMENT_5	AGCON_1,MANCON_3	REPORT	Cumulative losses:			
1101	060827ZJAN89	GROUND_ENGAGEMENT_5	AGCON_1,MANCON_3	REPORT	Cumulative losses:			
1102	060827ZJAN89	GROUND_ENGAGEMENT_5	AGCON_1,MANCON_3	REPORT	Cumulative losses:			
1103	060827ZJAN89	GROUND_ENGAGEMENT_5	AGCON_1,MANCON_3	REPORT	Incremental losses:			
1104	060827ZJAN89	GROUND_ENGAGEMENT_5	AGCON_1,MANCON_3	REPORT	Incremental losses:			

	J	K	L	M	N	O	P	Q	R	S	T	U
1036												
1037		TROOPS		21	9	0	0	0				
1038		PC-BOAT		0	0	1	0	0				
1039		TROOPS		21	9	0	0	0				
1040		PC-BOAT		0	0	1	0	0				
1041		TROOPS		21	9	0	0	0				
1042		PC-BOAT		0	0	1	0	0				
1043	FRIENDLY											
1044	FRIENDLY											
1045												
1046												
1047												
1048												
1049												
1050												
1051	SUSPECT											
1052												
1053	FRIENDLY											
1054												
1055												
1056												
1057												
1058		5.0-TRUCK	3									
1059		MCLIC	7									
1060		AGE	4									
1061		HMMWV	9									
1062		SEE	2									
1063		TROOPS	82									
1064		TROOPS	182									
1065		SNAW	6									
1066		TROOPS	162									
1067		D-20	2									
1068		TROOPS	6									
1069		D-20	2									
1070		TROOPS	6									
1071		TRAILER-WATER-300G	3									
1072		5.0-TRUCK	3									
1073		HMMWV-AMBUL	9									
1074		HMMWV	3									
1075		TROOPS	200									
1076		SAW	2									
1077		AT4LJS	2									
1078		M-16	216									
1079		M240-MG	1									
1080		.50CAL-MG	1									
1081		TRAILER-WATER-300G	3									
1082		5.0-TRUCK	3									
1083		HMMWV-AMBUL	9									
1084		HMMWV	3									
1085		TROOPS	200									
1086		SAW	2									
1087		AT4LJS	2									
1088		M-16	216									
1089		M240-MG	1									
1090		.50CAL-MG	1									
1091		TROOPS	186									
1092		M-16	215									
1093		TROOPS	157									
1094												
1095												
1096			0	0	0	0	0	0				060814ZJAN89
1097			0	0	0	0	0	0				060814ZJAN89
1098			0	0	0	0	0	0				060816ZJAN89
1099			0	0	0	0	0	0				060825ZJAN89
1100		TROOPS	178	10	0	0	0	0				
1101		TROOPS	15	0	0	0	0	0				
1102		TROOPS	27	0	0	0	0	0				
1103		TROOPS	2	0	0	0	0	0				
1104		TROOPS	98	9	0	0	0	0				

A	B	C	D	E	F	G	H
1105	060828ZJAN89	32SP0901121	AGCON_1,MANCON_3	REPORT	Incremental losses:		
1106	060828ZJAN89	32SP0901121	AGCON_1,MANCON_3	REPORT	Incremental losses:		
1107	060828ZJAN89	32SP0901121	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		MED/B
1108	060828ZJAN89	32SP0901121	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		AGSUP
1109	060828ZJAN89	32SP0901121	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		AGSUP
1110	060828ZJAN89	32SP0901121	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		MED/B
1111	060828ZJAN89	32SP0901121	AGCON_1	UNIT MOVE	NOT ENOUGH TROOPS FOR MOVEMENT		AGAIR
1112	060828ZJAN89	32SP0901121	AGCON_1	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAWAL MISSION DUE TO CPR (0.00000<=0.17000)		
1113	060828ZJAN89	32SP0901121	MANCON_1	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		SILK4
1114	060828ZJAN89	32SP0901121	MANCON_1	UNIT MOVE	TOWING REQUIREMENTS NOT MET		
1115	060828ZJAN89	32SP0901121	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		SILK4
1116	060828ZJAN89	32SP0901121	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		TANK2
1117	060828ZJAN89	32SP0901121	MANCON_4,MANCON_1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED		
1118	060828ZJAN89	32SP0901121	MANCON_2	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT		
1119	060828ZJAN89	32SP0901121	AGCON_1	STATUS CHANGE	UNDER AIR ATTACK		
1120	060828ZJAN89	32SP0901121	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE ASW9		SUB3
1121	060828ZJAN89	32SP0901121	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE ASW9		SUB3
1122	060828ZJAN89	32SP0901121	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT		
1123	060828ZJAN89	32SP0901121	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT		
1124	060828ZJAN89	32SP0901121	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
1125	060828ZJAN89	32SP0901121	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
1126	060828ZJAN89	32SP0901121	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
1127	060828ZJAN89	32SP0901121	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS12		WEST RD
1128	060828ZJAN89	32SP0901121	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS12		NORTH RD
1129	060828ZJAN89	32SP0901121	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS12		WEST RD
1130	060828ZJAN89	32SP0901121	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS12		NORTH RD
1131	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1132	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		BU
1133	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		BV
1134	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1135	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1136	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1137	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1138	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1139	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1140	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1141	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1142	060828ZJAN89	32SP0901121	MANCON_4,MANCON_1	AIR TRK DATA	AIR TRACK DETECTED		
1143	060828ZJAN89	32SP0901121	MANCON_1	AIR TRK DATA	AIR TRACK DETECTED		
1144	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1145	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1146	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1147	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1148	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1149	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1150	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1151	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1152	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1153	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1154	060828ZJAN89	32SP0901121	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		
1155	060828ZJAN89	32SP0901121	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED		
1156	060828ZJAN89	32SP0901121	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED		
1157	060828ZJAN89	32SP0901121	MANCON_2	AIR TRK DATA	AIR TRACK DETECTED		
1158	060828ZJAN89	32SP0901121	MANCON_2	AIR TRK DATA	AIR TRACK DETECTED		
1159	060828ZJAN89	32SP0901121	MANCON_2	AIR TRK DATA	AIR TRACK DETECTED		
1160	060828ZJAN89	32SP0901121	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED		
1161	060828ZJAN89	32SP0901121	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED		
1162	060828ZJAN89	32SP0901121	MANCON_1	AIR TRK DATA	AIR TRACK DETECTED		
1163	060828ZJAN89	32SP0901121	MANCON_1	AIR TRK DATA	AIR TRACK DETECTED		
1164	060828ZJAN89	32SP0901121	MANCON_1	AIR TRK DATA	AIR TRACK DETECTED		
1165	060828ZJAN89	32SP0901121	MANCON_1	AIR TRK DATA	AIR TRACK DETECTED		
1166	060828ZJAN89	32SP0901121	MANCON_1	AIR TRK DATA	AIR TRACK DETECTED		
1167	060828ZJAN89	32SP0901121	MANCON_1	AIR TRK DATA	AIR TRACK DETECTED		
1168	060828ZJAN89	32SP0901121	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED		
1169	060828ZJAN89	32SP0901121	AGCON_1,MANCON_1,MANCON_3	REPORT	Initial engagement:		
1170	060828ZJAN89	32SP0901121	AGCON_1,MANCON_1,MANCON_3	REPORT	Initial engagement:		
1171	060828ZJAN89	32SP0901121	AGCON_1,MANCON_1,MANCON_3	REPORT	Initial engagement:		
1172	060828ZJAN89	32SP0901121	AGCON_1,MANCON_1,MANCON_3	REPORT	Initial engagement:		
1173	060828ZJAN89	32SP0901121	AGCON_1,MANCON_1,MANCON_3	REPORT	Initial engagement:		
1174	060828ZJAN89	32SP0901121	AGCON_1,MANCON_1,MANCON_3	REPORT	Initial engagement:		
1175	060828ZJAN89	32SP0901121	AGCON_1,MANCON_1,MANCON_3	REPORT	Initial engagement:		

A	B	C	D	E	F	G	H	I
1174 060330ZJAN99	TANK2	32SPF587889	AGCON 1	ENGAGEMENT STATUS CHANGE	IS ENGAGED		INF_AIP	
1175 060330ZJAN99	GROUND ENGAGEMENT 7	32SPG819048	AGCON 1,MANCON 3	REPORT	Initial engagement:		SILK4	
1176 060330ZJAN99	GROUND ENGAGEMENT 7	32SPG819048	AGCON 1,MANCON 3	REPORT	Initial engagement:		INF_HB	
1177 060330ZJAN99	GROUND ENGAGEMENT 7	32SPG819048	AGCON 1,MANCON 3	REPORT	Cumulative losses:		NORTH RD	
1178 060330ZJAN99	GROUND ENGAGEMENT 7	32SPG819048	AGCON 1,MANCON 3	REPORT	Cumulative losses:			
1179 060330ZJAN99	GROUND ENGAGEMENT 7	32SPG819048	AGCON 1,MANCON 3	REPORT	No changes in CDA since last report.			32SPF748982
1180 060330ZJAN99	VMV PURPLE	32SPF773974	MANCON 4	OBJECT DETECT	HAVE DETECTED BRIDGE			32SPF742879
1181 060330ZJAN99	VMV PURPLE	32SPF773974	MANCON 4	OBJECT DETECT	HAVE DETECTED RIVER			
1182 060330ZJAN99	BCAS14	32SPG901122	MANCON 3	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
1183 060330ZJAN99	BCAS15	32SPG901122	MANCON 3	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
1184 060330ZJAN99	DL403	32SPF625817	AGCON 1	AIR RTE POINT	AIR MISSION HAS LAUNCHED			
1185 060330ZJAN99	DL403	32SPF625817	AGCON 1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
1186 060330ZJAN99	GCAP1	32SPG683123	MANCON 2	AIRCRAFT STAT				
1187 060330ZJAN99	BOGEY7	32SPF951907	AGCON 1	AD ENGAGE NOTIFY	AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT			
1188 060330ZJAN99	VF_GREEN	32SPG887019	MANCON 2	ASSESSMENT REPORT	BOGEY7 HAS BEEN FIRED ON BY AAM - NO HITS			
1189 060330ZJAN99	BA564	32SPF625817	AGCON 1	AIR MSN LAUNCH	AIR TO AIR Msn# GCAP1			
1190 060330ZJAN99	LHA	32SPF962900	MANCON 4	AIR TRK DATA	AIR MISSION HAS LAUNCHED			
1191 060330ZJAN99	BA564	32SPF656021	AGCON 1	AIR MSN ILLUMINATED	AIR TRACK DETECTED	BX	BA564	32SPF656021
1192 060330ZJAN99	LHA	32SPF62900	MANCON 4	AIR TRK DATA	AIR TRACK DETECTED	BY	BCAS15	32SPG88048
1193 060330ZJAN99	LHA	32SPF62900	MANCON 4	AIR TRK DATA	AIR TRACK DETECTED	BZ	BCAS14	32SPG88048
1194 060330ZJAN99	LHA	32SPF62900	MANCON 4	AIR TRK DATA	AIR TRACK DETECTED	CA	BCAS13	32SPG88066
1195 060330ZJAN99	PCAS7	32SPF587889	MANCON 4,MANCON 1	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
1196 060330ZJAN99	TANK2	32SPF587889	AGCON 1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
1197 060330ZJAN99	VF_PURPLE	32SPF587889	MANCON 4	ASSESSMENT REPORT	AIR TO SURFACE PCAS7		TANK2	
1198 060330ZJAN99	VF_PURPLE	32SPF587889	MANCON 4	ASSESSMENT REPORT	AIR TO SURFACE PCAS7		TANK2	
1199 060330ZJAN99	SOF	32SPF587889	MANCON 1	ASSESSMENT REPORT	AIR TO SURFACE PCAS7		TANK2	
1200 060330ZJAN99	SOF	32SPF587889	MANCON 1	ASSESSMENT REPORT	AIR TO SURFACE PCAS7		TANK2	
1201 060330ZJAN99	TANK2	32SPF587889	AGCON 1	ASSESSMENT REPORT	AIR TO SURFACE PCAS7		TANK2	
1202 060330ZJAN99	TANK2	32SPF587889	AGCON 1	ASSESSMENT REPORT	AIR TO SURFACE PCAS7		TANK2	
1203 060330ZJAN99	BCAS14	32SPG897031	MANCON 3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
1204 060330ZJAN99	BCAS15	32SPG897031	MANCON 3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
1205 060330ZJAN99	DDG	32SPF95851	MANCON 2	FIRE MSN WARNING	FIRE MISSION DDS UNIT IS NOT WITHIN AN ACTIVE FIRE SUPPORT AREA.			
1206 060330ZJAN99	DDG	32SPF95851	MANCON 2	FIRE MSN WARNING	FIRE MISSION DDS UNIT IS NOT WITHIN AN ACTIVE FIRE SUPPORT AREA.			
1207 060330ZJAN99	DDG	32SPF95851	MANCON 2	FIRE MSN PREP	FIRE MISSION DDG IN PREPARATION TO FIRE			

4. Parsed Data File 2 from 2-23-99_J41J43_V1

The following is the second of the parsed data files produced from an example four-node run. This parsed data file includes only data from the beginning of the run sequence of the scenario. The data was always parsed twice to ensure that no data was lost or left out.

A		B		C		D		E		F		G		H		I	
1	DTG	Printed Data (2)		UTM	2-33-99 JAN 93 VI	CTR	REPORT	MESSAGE	TRACK	UID2	UTM2						
3	060800ZJAN99	SO	SOF	32SPG726000	MANCON_1		OBJECT DETECT	MESSAGE									
4	060800ZJAN99	SO	SOF	32SPG726000	MANCON_1		OBJECT DETECT	HAVE DETECTED STRUCTURE									
5	060800ZJAN99	SO	SOF	32SPG726000	MANCON_1		OBJECT DETECT	HAVE DETECTED BRIDGE									
6	060800ZJAN99	HI	FFG	32SOG099008	MANCON_2		AIR RTE POINT	HAVE DETECTED RIVER									
7	060801ZJAN99	HI	FFG	32SOG099008	MANCON_2		ASSESSMENT REPORT	CRUISE MISSILE HAS REACHED ATTACK POINT									
8	060801ZJAN99	FCAS1	FCAS1	32SPG901122	MANCON_1		AIR MSN LAUNCH	AIR TO SURFACE Mgr# HI									
9	060801ZJAN99	FCAS1	FCAS1	32SPG901122	MANCON_1		AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED									
10	060801ZJAN99	GCAP1	GCAP1	32SPG901122	MANCON_1		AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED									
11	060801ZJAN99	AAS6	AAS6	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
12	060801ZJAN99	AAS6	AAS6	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
13	060801ZJAN99	AAS6	AAS6	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
14	060801ZJAN99	AAS6	AAS6	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
15	060801ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
16	060801ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
17	060801ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
18	060801ZJAN99	GCAP2	GCAP2	32SPG901122	MANCON_2		AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED									
19	060801ZJAN99	FCAS1	FCAS1	32SPG901122	MANCON_1		AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED									
20	060802ZJAN99	FCAS1	FCAS1	32SPG901122	MANCON_1		AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED									
21	060802ZJAN99	FCAS1	FCAS1	32SPG901122	MANCON_1		AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED									
22	060802ZJAN99	FCAS2	FCAS2	32SOG025193	MANCON_3		AIR RTE POINT	AIR MISSON HAS REACHED ORBIT POINT									
23	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
24	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
25	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
26	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
27	060802ZJAN99	PCAS1	PCAS1	32SPG901122	MANCON_3		AIR TRK DATA	AIR TRACK DETECTED									
28	060802ZJAN99	PB1	PB1	32SPG901122	MANCON_3		AIR TRK DATA	AIR TRACK DETECTED									
29	060802ZJAN99	PB1	PB1	32SPG901122	MANCON_3		AIR TRK DATA	AIR TRACK DETECTED									
30	060802ZJAN99	PCAS2	PCAS2	32SPG901122	MANCON_3		AIR TRK DATA	AIR TRACK DETECTED									
31	060802ZJAN99	PCAS2	PCAS2	32SPG901122	MANCON_3		AIR TRK DATA	AIR TRACK DETECTED									
32	060802ZJAN99	PCAS2	PCAS2	32SPG901122	MANCON_3		AIR TRK DATA	AIR TRACK DETECTED									
33	060802ZJAN99	FCAS3	FCAS3	32SOG025193	MANCON_3		AIR TRK DATA	AIR TRACK DETECTED									
34	060802ZJAN99	FCAS1	FCAS1	32SPG901122	MANCON_3		AIR TRK DATA	AIR TRACK DETECTED									
35	060802ZJAN99	FCAS6	FCAS6	32SPG901122	MANCON_3		AIR TRK DATA	AIR TRACK DETECTED									
36	060802ZJAN99	PCAS3	PCAS3	32SPG901122	MANCON_3		AIR TRK DATA	AIR TRACK DETECTED									
37	060802ZJAN99	GCAP3	GCAP3	32SPG901122	MANCON_2		AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED									
38	060802ZJAN99	FCAS4	FCAS4	32SPG901122	MANCON_1		AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED									
39	060802ZJAN99	FCAS5	FCAS5	32SPG901122	MANCON_1		AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED									
40	060802ZJAN99	GCAP4	GCAP4	32SPG901122	MANCON_1		AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED									
41	060802ZJAN99	GCAP4	GCAP4	32SPG901122	MANCON_1		AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED									
42	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
43	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
44	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
45	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
46	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
47	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
48	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
49	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
50	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
51	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
52	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
53	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
54	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
55	060802ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
56	060802ZJAN99	FCAS5	FCAS5	32SPG901122	MANCON_4		AIR MSN LAUNCH	AIR TRACK DETECTED									
57	060802ZJAN99	PCAS8	PCAS8	32SPG901122	MANCON_4		AIR MSN LAUNCH	AIR TRACK DETECTED									
58	060802ZJAN99	PCAS8	PCAS8	32SPG901122	MANCON_4		AIR MSN LAUNCH	AIR TRACK DETECTED									
59	060803ZJAN99	FCAS1	FCAS1	32SPG901122	MANCON_3		AIR MSN LAUNCH	AIR TRACK DETECTED									
60	060803ZJAN99	INF BLUE	INF BLUE	31MAA661000	MANCON_3		AIR RTE POINT	AIR TRACK DETECTED									
61	060803ZJAN99	INF A/B	INF A/B	31MAA661000	MANCON_3		AIR RTE POINT	AIR TRACK DETECTED									
62	060803ZJAN99	GCAP2	GCAP2	32SPG901122	MANCON_2		AIR TRK DATA	AIR TRACK DETECTED									
63	060803ZJAN99	GCAP1	GCAP1	32SPG901122	MANCON_2		AIR TRK DATA	AIR TRACK DETECTED									
64	060803ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
65	060803ZJAN99	LHA	LHA	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
66	060803ZJAN99	PCAS1	PCAS1	32SPF623617	AGCON_1		AIR TRK DATA	AIR TRACK DETECTED									
67	060803ZJAN99	FCAS2	FCAS2	32SPG901122	MANCON_1		AIR RTE POINT	AIR TRACK DETECTED									
68	060803ZJAN99	FCAS2	FCAS2	32SPG901122	MANCON_1		AIR RTE POINT	AIR TRACK DETECTED									
69	060803ZJAN99	FCAS5	FCAS5	32SPF623617	AGCON_3		AIR RTE POINT	AIR TRACK DETECTED									

J	K	L	M	N	O	P	Q	R	S	T	U
	TYPE	#UNITS	WA	KIA	K_KILLED	M_KILLED	F_KILLED	UNDAMAGED	NON MISS CAPABLE	DESTROYED	DTG2
1	STATUS										
2	% 0 DAMAGED										
3	% 0 DAMAGED										
4	% 0 DAMAGED										
5	% 0 DAMAGED										
6											
7	NO ASSESSMENT										
8											
9											
10											
11											
12											
13	SUSPECT										
14	FRIENDLY										
15	FRIENDLY										
16	FRIENDLY										
17	FRIENDLY										
18											
19											
20											
21											
22											
23	FRIENDLY										
24	FRIENDLY										
25	FRIENDLY										
26	FRIENDLY										
27											
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											
38											
39											
40											
41											
42	FRIENDLY										
43	FRIENDLY										
44	FRIENDLY										
45	FRIENDLY										
46	FRIENDLY										
47	FRIENDLY										
48	FRIENDLY										
49	FRIENDLY										
50	FRIENDLY										
51	FRIENDLY										
52	FRIENDLY										
53	FRIENDLY										
54	FRIENDLY										
55	HOSTILE										
56											
57											
58											
59											
60	No damage assessed.										
61	No damage assessed.										
62											
63											
64	FRIENDLY										
65	FRIENDLY										
66	FRIENDLY										
67											
68											
69											

A	B	C	D	E	F	G	H	I
70	060803ZJAN99	PCAS2	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
71	060803ZJAN99	PCAS6	MANCON_1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
72	060803ZJAN99	BCAS6	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
73	060803ZJAN99	PCAS3	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
74	060803ZJAN99	PCAS1	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
75	060803ZJAN99	HILLFY	AGCON_1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
76	060803ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR_TO_SURFACE_PCAS1		NOR BCH	
77	060803ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR_TO_SURFACE_PCAS1		NORTH RD	
78	060803ZJAN99	SOF	MANCON_4	ASSESSMENT REPORT	AIR_TO_SURFACE_PCAS1		NOR BCH	
79	060803ZJAN99	FCAS7	MANCON_1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
80	060803ZJAN99	PCAS2	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
81	060803ZJAN99	HILLFY	AGCON_1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
82	060803ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR_TO_SURFACE_PCAS2			
83	060803ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR_TO_SURFACE_PCAS2		NOR BCH	
84	060803ZJAN99	VF_PURPLE	MANCON_4	ASSESSMENT REPORT	AIR_TO_SURFACE_PCAS2		NORTH RD	
85	060803ZJAN99	SOF	MANCON_1	ASSESSMENT REPORT	AIR_TO_SURFACE_PCAS2			
86	060803ZJAN99	SOF	MANCON_1	ASSESSMENT REPORT	AIR_TO_SURFACE_PCAS2			
87	060803ZJAN99	FCAS3	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
88	060803ZJAN99	FCAS8	MANCON_1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
89	060803ZJAN99	PCAS4	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
90	060803ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
91	060803ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
92	060803ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
93	060803ZJAN99	LHVEH1	AGCON_1	UNIT MOVE	COMMENCING MOVEMENT			
94	060803ZJAN99	BCAS3	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
95	060803ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR_TO_SURFACE_BCAS3		NOR BCH	
96	060803ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR_TO_SURFACE_BCAS3		NORTH RD	
97	060803ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR_TO_SURFACE_BCAS3		NOR BCH	
98	060803ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR_TO_SURFACE_BCAS3		NORTH RD	
99	060803ZJAN99	GCAP3	MANCON_3	ASSESSMENT REPORT	AIR_TO_SURFACE_BCAS3			
100	060803ZJAN99	FCAS9	MANCON_2	AIR RTE POINT	AIR MISSION HAS LAUNCHED			
101	060803ZJAN99	BCAS4	MANCON_3	AIR RTE POINT	AIR MISSION HAS LAUNCHED			
102	060803ZJAN99	INF_A/B	MANCON_3	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
103	060803ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR_TO_SURFACE_BCAS4		SOUTH BCH	
104	060803ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR_TO_SURFACE_BCAS4		SOUTH RD	
105	060803ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR_TO_SURFACE_BCAS4			
106	060803ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR_TO_SURFACE_BCAS4			
107	060803ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR_TO_SURFACE_BCAS4			
108	060803ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR_TO_SURFACE_BCAS4			
109	060803ZJAN99	FCAS4	MANCON_3	ASSESSMENT REPORT	AIR_TO_SURFACE_BCAS4			
110	060803ZJAN99	PCAS5	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
111	060803ZJAN99	GCAP5	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
112	060803ZJAN99	FCAS5	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
113	060803ZJAN99	PCAS6	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
114	060803ZJAN99	GCAP4	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
115	060803ZJAN99	HILLFY	AGCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
116	060803ZJAN99	HILLFY	AGCON_1	VISUAL DETECT	HAVE DETECTED BRIDGE			
117	060803ZJAN99	LHVEH1	AGCON_1	VISUAL DETECT	HAVE DETECTED BRIDGE			
118	060803ZJAN99	LHVEH1	AGCON_1	VISUAL DETECT	HAVE DETECTED BRIDGE			
119	060803ZJAN99	LHVEH1	AGCON_1	VISUAL DETECT	HAVE DETECTED BRIDGE			
120	060803ZJAN99	LHVEH1	AGCON_1	VISUAL DETECT	HAVE DETECTED BRIDGE			
121	060803ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED STRUCTURE			
122	060803ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT			
123	060803ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT			
124	060803ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT			
125	060803ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT			
126	060803ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED MOUNTAIN			
127	060803ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED MOUNTAIN			
128	060803ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED MOUNTAIN			
129	060803ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED INFANTRY UNIT			
130	060803ZJAN99	INF_H/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED INFANTRY UNIT			
131	060803ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED INFANTRY UNIT			
132	060803ZJAN99	BCAS1	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED INFANTRY UNIT			
133	060803ZJAN99	BCAS1	MANCON_3	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT			
134	060804ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
135	060804ZJAN99	SOF	MANCON_1	AIR TRK DATA	AIR TRACK DETECTED			
136	060804ZJAN99	INF_H/B	MANCON_3	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAW MISSION DUE TO CPR (0.02048<=0.17000)			
137	060804ZJAN99	INF_A/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
138	060804ZJAN99	INF_A/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
139	060804ZJAN99	SOF	MANCON_3	UNIT MOVE	COMMENCING MOVEMENT			
140	060804ZJAN99	SOF	MANCON_1	UNIT MOVE	COMMENCING MOVEMENT			

J	K	L	M	N	O	P	Q	R	S	T	U
338											
340											
341											
342											
343											
344											
345	TROOPS		6	0		0	0				
346	TROOPS		6	3		0	0				
347	TROOPS		6	0		0	0				
348	TROOPS		6	3		0	0				
349	TROOPS		6	0		0	0				
350	TROOPS		6	0		0	0				
351	HOSTILE		6	3		0	0				
352	AAAV		1								
353	TROOPS		168								
354	LAV-MTR		2								
355	LAV-LOG		3								
356	LAV-COMMAND		1								
357	LAV-AT		4								
358	LAV-25		13								
359	TROOPS		63								
360	HMMVV-50CAL-MG		1								
361	HMMVV-40MM-MG		1								
362	TROOPS		2								
363											
364											
365											
366											
367								1	0	0	
368											
369											
370											
371								1	0	0	
372											
373								1	0	0	
374	FRIENDLY										
375	TROOPS		182								
376	SMAW		6								
377											
378											
379											
380											
381	FROG-7-SSM		1								
382	HMMVV-50CAL-MG		1								
383	HMMVV-40MM-MG		1								
384	TROOPS		2								
385	TROOPS		168								
386	LAV-MTR		2								
387	LAV-LOG		3								
388	LAV-COMMAND		1								
389	LAV-AT		4								
390	LAV-25		13								
391	TROOPS		63								
392											
393	HMMVV-50CAL-MG		1								
394	HMMVV-40MM-MG		1								
395	TROOPS		2								
396											
397											
398								1	0	0	
399	NO ASSESSMENT										
200	HOSTILE		0	0		0	0				
201											
202	5.0-TRUCK		3								
203	MCLIC		7								
204	X-TANK		4								
205	HMMVV		9								
206	SEE		2								
207	HMMVV-TOW		6								

A	B	C	D	E	F	G	H	I
200	060006ZJAN99	ENG	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	2	TANK1	32SPF74890
201	060006ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT	DETECTION HAS BEEN TEMPORARILY LOST	2	INF_H/B	32SPF64587
210	060006ZJAN99	HILLIFY	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED		INF_H/B	
211	060006ZJAN99	HILLIFY	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED		INF_A/B	
212	060006ZJAN99	HILLIFY	AGCON_1	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAW MISSION DUE TO CPR (0.01604=>0.17000)		INF_H/B	
213	060006ZJAN99	HILLIFY	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		INF_H/B	
214	060006ZJAN99	INF_H/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		HILLIFY	
215	060006ZJAN99	GROUND_ENGAGEMENT_1	AGCON_1, MANCON_3	REPORT	WITHIN BARRIER MOUNTAIN NAMED HILL			
216	060006ZJAN99	HILLIFY	AGCON_1	UNIT BARRIER STATUS	COMMENCING MOVEMENT			
217	060006ZJAN99	HILLIFY	AGCON_1	UNIT MOVE	BARRIER IMPASSABLE UNIT HALTED, AWAITING ORDERS		INF_AB	
218	060006ZJAN99	HILLIFY	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		HILLIFY	
219	060006ZJAN99	HILLIFY	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		INF_A/P	
220	060006ZJAN99	INF_A/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		HILLIFY	
221	060006ZJAN99	HILLIFY	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
222	060006ZJAN99	INF_A/P	MANCON_4, MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
223	060006ZJAN99	PCAS3	AGCON_1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
224	060006ZJAN99	HILLIFY	MANCON_4	ASSESSMENT REPORT	AIR-TO-SURFACE PCAS3		NOR BCH	
225	060006ZJAN99	VF PURPLE	MANCON_4	ASSESSMENT REPORT	AIR-TO-SURFACE PCAS3		NORTH RD	
226	060006ZJAN99	VF PURPLE	MANCON_4	ASSESSMENT REPORT	AIR-TO-SURFACE PCAS3			
227	060006ZJAN99	VF PURPLE	MANCON_4	ASSESSMENT REPORT	AIR-TO-SURFACE PCAS3			
228	060006ZJAN99	VF PURPLE	MANCON_4	ASSESSMENT REPORT	AIR-TO-SURFACE PCAS3			
229	060006ZJAN99	SOF	MANCON_1	ASSESSMENT REPORT	AIR-TO-SURFACE PCAS3		NOR BCH	
230	060006ZJAN99	SOF	MANCON_1	ASSESSMENT REPORT	AIR-TO-SURFACE PCAS3		NORTH RD	
231	060006ZJAN99	SOF	MANCON_1	ASSESSMENT REPORT	AIR-TO-SURFACE PCAS3			
232	060006ZJAN99	ASW1	MANCON_1	AIR TRK DATA	CRUISE MISSILE HAS LAUNCHED		ASW1	32SQG957070
233	060006ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
234	060006ZJAN99	BCAS5	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED			
235	060006ZJAN99	FROG1	MANCON_2	AIR TRK DATA	AIR TRACK DETECTED			
236	060006ZJAN99	VF BLUE	MANCON_3	STATUS CHANGE	AIR MISSION HAS REACHED ATTACK POINT			
237	060006ZJAN99	INF_AB	MANCON_3	ASSESSMENT REPORT	RECEIVING AIR-TO-SURFACE FIRE		NORTH RD	
238	060006ZJAN99	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR-TO-SURFACE BCAS5			
239	060006ZJAN99	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR-TO-SURFACE BCAS5			
240	060006ZJAN99	BCAS2	MANCON_3	ASSESSMENT REPORT	AIR-TO-SURFACE BCAS5			
241	060006ZJAN99	BCAS2	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
242	060006ZJAN99	SOF	MANCON_1	VISUAL DETECT	AIR TRACK DETECTED			
243	060006ZJAN99	SOF	MANCON_1	VISUAL DETECT	AIR TRACK DETECTED			
244	060006ZJAN99	SOF	MANCON_1	VISUAL DETECT	AIR TRACK DETECTED			
245	060006ZJAN99	SOF	MANCON_1	VISUAL DETECT	AIR TRACK DETECTED			
246	060006ZJAN99	SOF	MANCON_1	VISUAL DETECT	AIR TRACK DETECTED			
247	060006ZJAN99	BCAS7	MANCON_1	AIR TRK DATA	CRUISE MISSILE HAS LAUNCHED			
248	060006ZJAN99	ASW1	MANCON_2	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT			
249	060006ZJAN99	FFG	MANCON_2	ASSESSMENT REPORT	AIR-TO-SURFACE MSH# ASW1			
250	060006ZJAN99	LHA	MANCON_4	ASSESSMENT REPORT	AIR TRACK DETECTED			
251	060006ZJAN99	CG	MANCON_2	ASSESSMENT REPORT	AIR TRACK DETECTED			
252	060006ZJAN99	CG	MANCON_2	ASSESSMENT REPORT	AIR TRACK DETECTED			
253	060006ZJAN99	BOGEY1	AGCON_1	AD ENGAGE END	SURFACE TO AIR CG		BCAS7	32SPG915084
254	060006ZJAN99	BOGEY1	AGCON_1	AD ENGAGE END	SURFACE TO AIR CG		BOGEY1	
255	060006ZJAN99	BOGEY1	AGCON_1	AIR MSN CANX	TERMINATING ENGAGEMENT WITH TARGET		ASW1	
256	060006ZJAN99	BCAS6	AGCON_1	AIR CRAFT STAT	AIR MISSION CANCELED DUE TO LOSS OF AIRCRAFT		(BOGEY1)	
257	060006ZJAN99	TANK1	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
258	060006ZJAN99	VF BLUE	AGCON_1	STATUS CHANGE	AIR MISSION HAS REACHED ATTACK POINT			
259	060006ZJAN99	VF BLUE	MANCON_3	ASSESSMENT REPORT	RECEIVING AIR-TO-SURFACE FIRE			
260	060006ZJAN99	VF BLUE	MANCON_3	ASSESSMENT REPORT	AIR-TO-SURFACE BCAS9			
261	060006ZJAN99	VF BLUE	MANCON_3	ASSESSMENT REPORT	AIR-TO-SURFACE BCAS9			
262	060006ZJAN99	VF_BLUE	MANCON_3	ASSESSMENT REPORT	AIR-TO-SURFACE BCAS9			
263	060006ZJAN99	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR-TO-SURFACE BCAS9			
264	060006ZJAN99	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR-TO-SURFACE BCAS9			
265	060006ZJAN99	INF_AB	MANCON_3	ASSESSMENT REPORT	AIR-TO-SURFACE BCAS9			
266	060006ZJAN99	FCAS1	MANCON_3	ASSESSMENT REPORT	AIR-TO-SURFACE BCAS9			
267	060006ZJAN99	FCAS1	MANCON_3	ASSESSMENT REPORT	AIR-TO-SURFACE BCAS9			
268	060006ZJAN99	FROG2	AGCON_1	AIR CRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT			
269	060006ZJAN99	FROG2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	2	INF_A/P	32SPF44921
270	060006ZJAN99	FROG2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	3	ENG	32SPF02887
271	060006ZJAN99	FROG2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	3	ENG	32SPF02887
272	060006ZJAN99	FROG2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	3	ENG	32SPF02887
273	060006ZJAN99	FROG2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	3	ENG	32SPF02887
274	060006ZJAN99	FROG2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	3	ENG	32SPF02887
275	060006ZJAN99	FROG2	AGCON_1	VISUAL DETECT	HAVE DETECTED A SHIP	4	AAA/V/P	32SPF02887
276	060006ZJAN99	FROG2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	5	INF_H/B	32SPF623894

J	K	L	M	N	O	P	Q	R	S	T	U
208	MIA1	14									
209	TROOPS	182									
210											
211											
212											
213											
214											
215	NO ASSESSMENT										
216											
217											
218											
219											
220											
221											
222											
223											
224											
225	No damage assessed.										
226	No damage assessed.										
227											
228											
229	No damage assessed.										
230	No damage assessed.										
231											
232	FRIENDLY										
233											
234											
235	No damage assessed.										
236											
237	No damage assessed.										
238											
239											
240											
241											
242											
243											
244											
245											
246											
247											
248											
249	NO ASSESSMENT										
250	FRIENDLY										
251											
252											
253	ENEMY DESTROYED										
254											
255											
256											
257											
258	No damage assessed.										
259											
260											
261											
262	No damage assessed.										
263											
264											
265											
266											
267											
268											
269											
270											
271											
272											
273											
274											
275											
276											

060006ZJAN89

A	B	C	D	E	F	G	H	I
277	060007ZJAN89	32SPF624905	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	6	INF_A/B	32SPF610889
278	060007ZJAN89	32SPF601187	MANCON_1	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG2	32SPF624904
279	060007ZJAN89	32SPF601187	MANCON_1	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG2	32SPF624904
280	060007ZJAN89	32SPF622892	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG2	32SPF624902
281	060007ZJAN89	32SPF622892	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG2	32SPF624902
282	060007ZJAN89	32SPF609688	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG2	32SPF623903
283	060007ZJAN89	32SPF609688	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	FROG2	32SPF623903
284	060007ZJAN89	32SPF647923	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	FROG2	32SPF629906
285	060007ZJAN89	32SPF647923	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	FROG2	32SPF629906
286	060007ZJAN89	32SPF625617	AGCON_1	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED	4	FROG2	32SPF629906
287	060007ZJAN89	32SPF601122	MANCON_3	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED	3		
288	060007ZJAN89	32SPF601122	MANCON_3	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED	3		
289	060007ZJAN89	32SPF601122	MANCON_3	AIR WSN LAUNCH	AIR MISSION HAS LAUNCHED	3		
290	060007ZJAN89	32SPF701091	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	AR	BCAS10	32SPG914087
291	060007ZJAN89	32SPF602990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	AS	BCAS9	32SPG926052
292	060007ZJAN89	32SPF602990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	AT	BCAS8	32SPG968053
293	060007ZJAN89	32SPF602990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	AU	UA16	32SPF611690
294	060007ZJAN89	32SPF611690	AGCON_1	AIR TRK DATA	AIR TRACK DETECTED			
295	060007ZJAN89	32SPF611690	AGCON_1	AIR TRK DATA	AIR TRACK DETECTED			
296	060007ZJAN89	32SPF622892	MANCON_3	UNIT DEFENSIVE MISSION	AIR MISSION ILLUMINATED BY NON-SAME SIDE RADAR			
297	060007ZJAN89	32SPF622892	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS ASSUMED WITHDRAWN MISSION DUE TO CPR (0.00000=<=0.17000)			
298	060007ZJAN89	32SPF608888	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
299	060007ZJAN89	32SPF647923	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
300	060007ZJAN89	32SPF647923	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
301	060007ZJAN89	32SPF624905	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
302	060007ZJAN89	32SPF624905	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
303	060007ZJAN89	32SPF624905	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
304	060007ZJAN89	32SPF624905	AGCON_1	UNIT CASUALTY LIMIT	HAS REACHED EFFECTIVE CASUALTY LIMIT			
305	060007ZJAN89	32SPF608888	AGCON_1	UNIT MOVE	COMMENCING MOVEMENT			
306	060007ZJAN89	32SPF608888	MANCON_4,AGCON_1,MANCON_3	REPORT	Initial engagement:			
307	060007ZJAN89	32SPF608888	MANCON_4,AGCON_1,MANCON_3	REPORT	Initial engagement:			
308	060007ZJAN89	32SPF608888	MANCON_4,AGCON_1,MANCON_3	REPORT	Initial engagement:			
309	060007ZJAN89	32SPF608888	MANCON_4,AGCON_1,MANCON_3	REPORT	Initial engagement:			
310	060007ZJAN89	32SPF608888	MANCON_4,AGCON_1,MANCON_3	REPORT	Initial engagement:			
311	060007ZJAN89	32SPF608888	MANCON_4,AGCON_1,MANCON_3	REPORT	Cumulative losses:			
312	060007ZJAN89	32SPF608888	MANCON_4,AGCON_1,MANCON_3	REPORT	Cumulative losses:			
313	060007ZJAN89	32SPF608888	MANCON_4,AGCON_1,MANCON_3	REPORT	Cumulative losses:			
314	060007ZJAN89	32SPF608888	MANCON_4,AGCON_1,MANCON_3	REPORT	Cumulative losses:			
315	060007ZJAN89	32SPF608888	MANCON_4,AGCON_1,MANCON_3	REPORT	Incremental losses:			
316	060007ZJAN89	32SPF608888	MANCON_4,AGCON_1,MANCON_3	REPORT	Incremental losses:			
317	060007ZJAN89	32SPG901122	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
318	060007ZJAN89	32SPG901122	MANCON_3	AIRCRAFT STAT				
319	060007ZJAN89	32SPF647923	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	6	INF_H/P	32SPF642931
320	060007ZJAN89	32SPF647923	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	6	INF_H/P	32SPF642931
321	060007ZJAN89	32SPF629906	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	2	INF_H/P	32SPF643934
322	060007ZJAN89	32SPF610937	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	4	INF_H/P	32SPF642933
323	060007ZJAN89	32SPF610937	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	7	INF_H/P	32SPF642933
324	060007ZJAN89	32SPF610937	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	INF_H/P	32SPF706893
325	060007ZJAN89	32SPF610937	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	4	INF_A/B	32SPF706893
326	060007ZJAN89	32SPF718883	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF706890
327	060007ZJAN89	32SPF718883	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF706890
328	060007ZJAN89	32SPF718883	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF706890
329	060007ZJAN89	32SPF718883	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF706890
330	060007ZJAN89	32SPF753681	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF706890
331	060007ZJAN89	32SPF753681	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF706890
332	060007ZJAN89	32SPF763981	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF706890
333	060007ZJAN89	32SPF763981	MANCON_3	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF706890
334	060007ZJAN89	32SPF643933	MANCON_4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF706890
335	060007ZJAN89	32SPF643933	MANCON_4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF706890
336	060007ZJAN89	32SPF643933	MANCON_4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF706890
337	060007ZJAN89	32SPF643933	MANCON_4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1	32SPF706890
338	060007ZJAN89	32SPF718883	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	HILLIFY	32SPF643932
339	060007ZJAN89	32SPF718883	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	HILLIFY	32SPF643932
340	060007ZJAN89	32SPF718883	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	HILLIFY	32SPF643932
341	060007ZJAN89	32SPF718883	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	HILLIFY	32SPF643932
342	060007ZJAN89	32SPF718883	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	HILLIFY	32SPF643932
343	060007ZJAN89	32SPF625905	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	SILK1	32SPF613954
344	060007ZJAN89	32SPF625905	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	HILLIFY	32SPF613954
345	060007ZJAN89	32SPF625905	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	HILLIFY	32SPF613954
346	060007ZJAN89	32SPF625905	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	AAAV/P	32SPF655927
347	060007ZJAN89	32SPF625905	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	INF_H/B	32SPF617854
348	060007ZJAN89	32SPF625905	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	INF_A/B	32SPF702970
349	060007ZJAN89	32SPF778883	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG2	32SPF769933

	J	K	L	M	N	O	P	Q	R	S	T	U
277		TROOPS	188									
278		FROG-7-SSM	1									
279		TROOPS	4									
280		FROG-7-SSM	1									
281		TROOPS	4									
282		FROG-7-SSM	1									
283		TROOPS	4									
284		FROG-7-SSM	1									
285		TROOPS	4									
286												
287												
288												
289												
290		FRIENDLY										
291		FRIENDLY										
292		FRIENDLY										
293		FRIENDLY										
294		SUSPECT										
295												
296												
297												
298												
299												
300												
301												
302												
303												
304												
305												
306												
307												
308												
309												
310		No damage assessed.										
311												
312												
313		No damage assessed.										
314		No damage assessed.										
315												
316												
317												
318												
319		TROOPS	182									
320		SMAW	6									
321												
322		TROOPS	182									
323												
324		TROOPS	182									
325		TROOPS	188									
326		HMMWV-TOW	8									
327		M1A1	13									
328		TROOPS	7									
329		HMMWV-TOW	8									
330		M1A1	13									
331		TROOPS	7									
332		FROG-7-SSM	1									
333		FROG-7-SSM	1									
334		TROOPS	4									
335		HMMWV-50CAL-MG	1									
336		HMMWV-40MM-MG	1									
337		TROOPS	2									
338		D-30	2									
339		HMMWV-50CAL-MG	1									
340		HMMWV-40MM-MG	1									
341		TROOPS	2									
342		AAAV	1									
343		TROOPS	182									
344		TROOPS	188									
345		FROG-7-SSM	1									

A	B	C	D	E	F	G	H	I
346	060809ZJAN99	32SPF78683	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG2	32SPF78683
347	060809ZJAN99	32SPF78681	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG2	32SPF78681
348	060809ZJAN99	32SPF78681	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG2	32SPF78681
349	060809ZJAN99	32SQG058102	MANCON_2	AIR MGN LAUNCH	CRUISE MISSILE HAS LAUNCHED	3	FROG2	32SPF618915
350	060809ZJAN99	32SPF962980	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	AV	ASW2	32SQG047077
351	060809ZJAN99	32SPF781890	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
352	060809ZJAN99	32SPF781890	AGCON_1	STATUS CHANGE	RECEIVING AIR TO SURFACE BCAS7			
353	060809ZJAN99	31NAA661000	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS7		SOUTH RD	
354	060809ZJAN99	31NAA661000	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS7			
355	060809ZJAN99	31NAA661000	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS7			
356	060809ZJAN99	31NAA661000	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS7			
357	060809ZJAN99	31NAA661000	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS7			
358	060809ZJAN99	31NAA661000	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS7			
359	060809ZJAN99	32SQG058102	MANCON_2	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT			
360	060809ZJAN99	32SQG058102	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE ASW2		SUB1	
361	060809ZJAN99	32SQG058102	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE ASW2		SUB1	
362	060809ZJAN99	32SQG058102	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE ASW2		SUB1	
363	060809ZJAN99	32SQG058102	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE ASW2		SUB1	
364	060809ZJAN99	32SPF959658	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE ASW2			
365	060809ZJAN99	32SPF959658	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE ASW2			
366	060809ZJAN99	32SPF641931	AGCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
367	060809ZJAN99	32SPF641931	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		INF_H/P	
368	060809ZJAN99	32SPF641931	AGCON_1	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION			
369	060809ZJAN99	32SPF78683	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		INF_H/B	
370	060809ZJAN99	32SPF78683	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		FROG2	
371	060809ZJAN99	32SPF78683	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		INF_A/B	
372	060809ZJAN99	32SPF78683	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		FROG2	
373	060809ZJAN99	32SPF78683	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		TANK1	
374	060809ZJAN99	32SPF641931	AGCON_1	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	7	VMV_PURPLE	32SPF643929
375	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	7	VMV_PURPLE	32SPF643929
376	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	VMV_PURPLE	32SPF643929
377	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	VMV_PURPLE	32SPF643929
378	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	6	ENG	32SPF782947
379	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	6	ENG	32SPF782947
380	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	6	ENG	32SPF782947
381	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	6	ENG	32SPF782947
382	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	6	ENG	32SPF782947
383	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	8	VMV_PURPLE	32SPF643927
384	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	8	VMV_PURPLE	32SPF643927
385	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
386	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
387	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
388	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
389	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
390	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
391	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
392	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
393	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
394	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
395	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
396	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
397	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
398	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
399	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
400	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
401	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
402	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
403	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
404	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
405	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
406	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
407	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
408	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
409	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
410	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
411	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
412	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
413	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907
414	060809ZJAN99	32SPF641931	MANCON_2	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	2	FROG2	32SPF626907

	J	K	L	M	N	O	P	Q	R	S	T	U
345		TROOPS	4									
346		FROG-7-SSM	1									
347		TROOPS	4									
348												
349		FRIENDLY										
350												
351												
352												
353		No damage assessed.										
354		CE PRODUCT										
355		TROOPS	1	1								
356		HMMWV-TOW										
357		CE PRODUCT										
358		TROOPS	1	1								
359		HMMWV-TOW										
360		TROOPS	6	3								
361		SUBMARINE	0	0								
362		TROOPS	6	3								
363		SUBMARINE	0	0								
364												
365												
366												
367												
368												
369												
370												
371												
372												
373		MV-22	24									
374		TROOPS	208									
375		MV-22	24									
376		TROOPS	208									
377		5.0-TRUCK	3									
378		MCLIC	7									
379		X-TANK	4									
380		HMMWV	9									
381		SEE	2									
382		MV-22	24									
383		TROOPS	208									
384		FROG-7-SSM	1									
385		TROOPS	2									
386		FROG-7-SSM	1									
387		TROOPS	4									
388		HMMWV-50CAL-MG	1									
389		HMMWV-40MM-MG	1									
390		TROOPS	2									
391		D-20	2									
392		% 0 DAMAGED										
393		FROG-7-SSM	1									
394		5.0-TRUCK	3									
395		MCLIC	7									
396		X-TANK	4									
397		HMMWV	9									
398		SEE	2									
399		HMMWV-TOW	6									
400		M1A1	13									
401		5.0-TRUCK	3									
402		MCLIC	7									
403		ACE	4									
404		HMMWV	9									
405		SEE	2									
406		TROOPS	82									
407		FROG-7-SSM	1									
408		TROOPS	2									
409		TROOPS	182									
410		TROOPS	188									
411		HMMWV-TOW	6									
412		M1A1	13									
413		TROOPS	7									
414		HMMWV-TOW	8									

A	B	C	D	E	F	G	H	I
415	060809ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1	32SPFF45898
416	060809ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1	32SPFF45898
417	060809ZJAN99	INF_A/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
418	060809ZJAN99	INF_A/B	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
419	060809ZJAN99	INF_H/P	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
420	060809ZJAN99	SUB1	AGCON_1	SHIP MOVE	UNABLE TO MOVE - SHIP DAMAGED			
421	060809ZJAN99	BCAS8	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
422	060809ZJAN99	FROG2	AGCON_1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
423	060809ZJAN99	VF BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS8			
424	060809ZJAN99	VF BLUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS8			
425	060809ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS8			
426	060809ZJAN99	BCAS8	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS8			
427	060809ZJAN99	BCAS8	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
428	060809ZJAN99	PCAS3	MANCON_3	AIRCRAFT STAT				
429	060809ZJAN99	PCAS3	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
430	060809ZJAN99	HILLIFY	MANCON_4,MANCON_1	AIRCRAFT STAT				
431	060810ZJAN99	VMV_PURPLE	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
432	060810ZJAN99	FROG1	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
433	060810ZJAN99	FROG1	MANCON_2	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
434	060810ZJAN99	INF_H/P	MANCON_4	STATUS CHANGE	RECEIVING INDIRECT FIRE			
435	060810ZJAN99	SILK1	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	INF_AP	32SPFF28932
436	060810ZJAN99	FROG1	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	5	SILK1	32SPFF28965
437	060810ZJAN99	FROG1	MANCON_2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	INF_AP	32SPFF19660
438	060810ZJAN99	FROG1	MANCON_2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	AAA/VP	32SPFF63708
439	060810ZJAN99	INF_AP	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	FROG1	32SPFG331074
440	060810ZJAN99	INF_H/P	MANCON_2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	INF_H/P	32SPFF62741
441	060810ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	FROG1	32SPFF63095
442	060810ZJAN99	INF_H/P	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG1	32SPFF63095
443	060810ZJAN99	FROG1	MANCON_2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	VMV_PURPLE	32SPFF50689
444	060810ZJAN99	FROG1	MANCON_2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	VMV_PURPLE	32SPFF50689
445	060810ZJAN99	FROG1	MANCON_2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	ENG	32SPFF237866
446	060810ZJAN99	FROG1	MANCON_2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	ENG	32SPFF237866
447	060810ZJAN99	FROG1	MANCON_2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	ENG	32SPFF237866
448	060810ZJAN99	FROG1	MANCON_2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	ENG	32SPFF237866
449	060810ZJAN99	FROG1	MANCON_2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	ENG	32SPFF237866
450	060810ZJAN99	VMV_PURPLE	MANCON_2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	ENG	32SPFF237866
451	060810ZJAN99	VMV_PURPLE	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	FROG1	32SPG516034
452	060810ZJAN99	ENG	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	FROG1	32SPG516034
453	060810ZJAN99	BCAS7	MANCON_3	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT			
454	060810ZJAN99	BCAS7	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
455	060810ZJAN99	BOGEV2	AGCON_1	AIRCRAFT STAT				
456	060810ZJAN99	BCAS8	MANCON_3	AIRCRAFT STAT				
457	060810ZJAN99	TANK1	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
458	060810ZJAN99	TANK1	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
459	060810ZJAN99	TANK1	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
460	060810ZJAN99	TANK1	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
461	060810ZJAN99	INF_H/P	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
462	060810ZJAN99	TANK1	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
463	060810ZJAN99	INF_H/P	AGCON_1,MANCON_3	REPORT				
464	060810ZJAN99	TANK1	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
465	060810ZJAN99	SUB2	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS			
466	060810ZJAN99	AGSUP	AGCON_1	SHIP MOVE	HAVE COMMENCED MOVEMENT	2	ENG	32SPFF28984
467	060810ZJAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPFF28984
468	060810ZJAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPFF28984
469	060810ZJAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPFF28984
470	060810ZJAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPFF28984
471	060810ZJAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPFF28984
472	060810ZJAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPFF28984
473	060810ZJAN99	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPFF28984
474	060810ZJAN99	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPFF28984
475	060810ZJAN99	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPFF28984
476	060810ZJAN99	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG	32SPFF28984
477	060810ZJAN99	ENG	MANCON_1	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	AGAIR	32SPFF28933
478	060810ZJAN99	ENG	MANCON_1	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	AGAIR	32SPFF28933
479	060810ZJAN99	ENG	MANCON_1	VISUAL DETECT	DETECTION HAS BEEN TEMPORARILY LOST	3	LOVEH2	32SPFF28963
480	060810ZJAN99	ENG	MANCON_1	VISUAL DETECT	DETECTION HAS BEEN TEMPORARILY LOST	3	LOVEH2	32SPFF28963
481	060810ZJAN99	SOE	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LOVEH2	32SPFF28963
482	060810ZJAN99	SOE	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LOVEH2	32SPFF28963
483	060810ZJAN99	SOE	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LOVEH2	32SPFF28963

	J	K	L	M	N	O	P	Q	R	S	T	U
415		M1A1	13									
416		TROOPS	7									
417												
418												
419												
420												
421												
422												
423	No damage assessed.	CE PRODUCT		0	0	0	0	0				
424		FROG-7-SSM		0	0	0	0	1				
425	No damage assessed.	CE PRODUCT		0	0	0	0	0				
426		FROG-7-SSM		0	0	0	0	1				
427												
428												
429												
430												
431												
432												
433												
434												
435												
436												
437												
438												
439												
440		FROG-7-SSM	1									
441		TROOPS	182									
442		FROG-7-SSM	1									
443		TROOPS	4									
444		MY-22	24									
445		TROOPS	209									
446		5.0-TRUCK	3									
447		MCLIC	7									
448		X-TANK	4									
449		HMMVV	8									
450		SEE	0									
451		FROG-7-SSM	1									
452		TROOPS	4									
453		FROG-7-SSM	1									
454												
455												
456												
457												
458												
459												
460												
461												
462												
463												
464	NO ASSESSMENT			0	0	0	0	0				
465												
466												
467												
468		5.0-TRUCK	3									
469		MCLIC	7									
470		X-TANK	4									
471		HMMVV	9									
472		SEE	2									
473		5.0-TRUCK	3									
474		MCLIC	7									
475		X-TANK	4									
476		HMMVV	9									
477		SEE	2									
478												
479												
480		LAV-MTR	2									
481		LAV-LOG	3									
482		LAV-COMMAND	1									
483												

A	B	C	D	E	F	G	H	I
484	060811ZJAN89	SOF	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPF72853
485	060811ZJAN89	SOF	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPF72853
486	060811ZJAN89	SOF	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2	32SPF72853
487	060811ZJAN89	LHA	MANCON_4	AIR TRK DATA	SURFACE TRACK DETECTED	AW	SUB2	32SQF163977
488	060812ZJAN89	SILK1	AGCON_1	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	4	VMV_PURPLE	32SPF844929
489	060812ZJAN89	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	INF_AIP	32SPF557117
490	060812ZJAN89	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	AAA/VP	32SPF620991
491	060812ZJAN89	INF_AIP	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	FROG2	32SPF75598
492	060812ZJAN89	INF_AIP	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	FROG2	32SPF75598
493	060812ZJAN89	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	7	INF_HIP	32SPG723074
494	060812ZJAN89	INF_HIP	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	FROG2	32SPF45450
495	060812ZJAN89	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	8	VMV_PURPLE	32SPG745057
496	060812ZJAN89	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	VMV_PURPLE	32SPG745057
497	060812ZJAN89	VMV_PURPLE	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	FROG2	32SPF823654
498	060812ZJAN89	VMV_PURPLE	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	FROG2	32SPF823654
500	060813ZJAN89	INF_AIP	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	2	INF_AIP	32SPF72865
501	060813ZJAN89	AGSUP	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	2	INF_AIP	32SPF72865
502	060813ZJAN89	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	INF_HIB	32SPF72866
503	060813ZJAN89	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	4	INF_AB	32SPF72866
504	060813ZJAN89	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	INF_HIB	32SPF72868
505	060813ZJAN89	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	4	INF_AB	32SPF72869
506	060813ZJAN89	ENG	MANCON_3	VISUAL DETECT	HAVE DETECTED PLATOON SIZED INFANTRY UNIT	4	INF_AB	32SPF72881
507	060813ZJAN89	INF_HIB	MANCON_3	OBJECT DETECT	HAVE DETECTED STRUCTURE	7	SILK5	32SPF750032
508	060813ZJAN89	INF_HIB	MANCON_3	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	AGAIR	32SPF728833
509	060813ZJAN89	INF_HIB	MANCON_3	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	AGAIR	32SPF728833
510	060813ZJAN89	INF_AB	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	6	AGSUP	32SPF728832
511	060813ZJAN89	INF_AB	MANCON_3	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	5	SILK5	32SPF748832
512	060813ZJAN89	INF_AB	MANCON_3	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	6	AGAIR	32SPF728833
513	060813ZJAN89	ASW3	MANCON_2	VISUAL DETECT	HAVE DETECTED COMPANY SIZED SUPPLY UNIT	7	AGSUP	32SPF728833
514	060814ZJAN89	LHA	MANCON_4	AIR TRK DATA	CRUISE MISSILE HAS LAUNCHED			
515	060814ZJAN89	INF_AB	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT	AX	ASW3	32SQG04023
516	060814ZJAN89	HILIFY	MANCON_3	UNIT CASUALTY LIMIT	HAS REACHED EFFECTIVE CASUALTY LIMIT		AGAIR	
517	060814ZJAN89	HILIFY	AGCON_1	UNIT DESTRUCTION	UNIT IS NO LONGER COMBAT EFFECTIVE			
518	060814ZJAN89	HILIFY	AGCON_1	ENGAGEMENT STATUS CHANGE	IS DESTROYED, TERMINATING ENGAGEMENT		INF_AIP	
519	060814ZJAN89	INF_AIP	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT		HILIFY	
520	060814ZJAN89	INF_AIP	MANCON_4	ENGAGEMENT STATUS CHANGE	IS DESTROYED, TERMINATING ENGAGEMENT		HILIFY	
521	060814ZJAN89	INF_HIP	MANCON_4	ENGAGEMENT STATUS CHANGE	IS DESTROYED, TERMINATING ENGAGEMENT		INF_HIP	
522	060814ZJAN89	HILIFY	MANCON_4	ENGAGEMENT STATUS CHANGE	IS DESTROYED, TERMINATING ENGAGEMENT		HILIFY	
523	060814ZJAN89	VMV_PURPLE	MANCON_4	ENGAGEMENT STATUS CHANGE	IS DESTROYED, TERMINATING ENGAGEMENT		VMV_PURPLE	
524	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Initial engagement:		HILIFY	
525	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Initial engagement:		INF_AIP	
526	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Initial engagement:		HILIFY	
527	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Initial engagement:		INF_HIP	
528	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:		VMV_PURPLE	
529	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:		HILIFY	
530	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:		INF_HIP	
531	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:		HILIFY	
532	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:		INF_HIP	
533	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:		VMV_PURPLE	
534	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Incremental losses:		FROG2	
535	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Incremental losses:		HILIFY	
536	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Incremental losses:		VMV_PURPLE	
537	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Incremental losses:		INF_HIP	
538	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Incremental losses:		HILIFY	
539	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Initial engagement:		VMV_PURPLE	
540	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Initial engagement:		HILIFY	
541	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:		VMV_PURPLE	
542	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:		SOUTH RD	
543	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:		NORTH RD	
544	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:		NOR BOH	
545	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:			
546	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:			
547	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:			
548	060814ZJAN89	GROUND ENGAGEMENT 2	MANCON_4	REPORT	Cumulative losses:			
549	060814ZJAN89	ASW3	MANCON_2	AIR RTE POINT	No changes in CDA since last report.			
550	060814ZJAN89	SUB2	AGCON_1	STATUS CHANGE	CRUISE MISSILE HAS REACHED ATTACK POINT			
551	060814ZJAN89	FFG	MANCON_2	ASSESSMENT REPORT	UNDER AIR ATTACK			
552	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	AIR_TO_SURFACE Mmm# ASW3			
553	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE			
554	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
555	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
556	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
557	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
558	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
559	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
560	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
561	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
562	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
563	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
564	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
565	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
566	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
567	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
568	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
569	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
570	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
571	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
572	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
573	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
574	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
575	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
576	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
577	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
578	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
579	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
580	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
581	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
582	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
583	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
584	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
585	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
586	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
587	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
588	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
589	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
590	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
591	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
592	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
593	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
594	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
595	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
596	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
597	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
598	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
599	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			
600	060814ZJAN89	SILK2	AGCON_1	OBJECT DETECT	HAVE DETECTED A SHIP			

	J	K	L	M	N	O	P	Q	R	S	T	U
484		LAV-AT	4									
485		LAV-25	13									
486		TROOPS	63									
487	HOSTILE											
488		TROOPS	182									
489		AAAV	1									
490		FROG-7-SSM	1									
491		TROOPS	2									
492												
493		FROG-7-SSM	1									
494		MV-22	24									
495		TROOPS	208									
496		FROG-7-SSM	1									
497		TROOPS	2									
498												
499												
500												
501												
502												
503												
504		TROOPS	168									
505												
506		D-20	2									
507												
508												
509												
510		D-20	2									
511		TROOPS	282									
512												
513												
514	FRIENDLY											
515												
516												
517												
518												
519	UNIT DESTROYED											
520												
521	UNIT DESTROYED											
522												
523	UNIT DESTROYED											
524												
525												
526												
527												
528		TROOPS	5	1								
529		HMMVV-40MM-MG	0	0	1							
530		TROOPS	2	0	0							
531		TROOPS	4	0	0							
532		TROOPS	3	0	0							
533		TROOPS	3	1	0							
534		TROOPS	4	0	0							
535		TROOPS	2	0	0							
536		HMMVV-40MM-MG	0	0	1							
537			0	0	0							
538		CE PRODUCT	0	0	0							
539	No damage assessed.	CE PRODUCT	0	0	0							
540	No damage assessed.	CE PRODUCT	0	0	0							
541	No damage assessed.	CE PRODUCT	0	0	0							
542		TROOPS	5	1	0							
543		HMMVV-40MM-MG	0	0	1							
544		TROOPS	2	0	0							
545		TROOPS	4	0	0							
546		TROOPS	3	0	0							
547			0	0	0							
548			0	0	0							
549			0	0	0							
550	NO ASSESSMENT		0	0	0							
551												
552		TROOPS	257									

A	B	C	D	E	F	G	H	I
553	060814ZJAN99	BOGEY3	AGCON_1	AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED			
554	060814ZJAN99	DLA03	AGCON_1	AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED			
555	060815ZJAN99	ASW4	MANCON_2	AIR MSN LAUNCH	CRUISE MISSILE HAS LAUNCHED			
556	060815ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	AY	ASW4	32SPG063022
557	060815ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	AZ	DLA03	32SPF070778
558	060815ZJAN99	LHA	AGCON_1	AIR MSN ILLUMINATED	AIR MISSON ILLUMINATED BY NON-SAME SIDE RADAR			
559	060815ZJAN99	SOF	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEH1	32SPG021088
560	060815ZJAN99	SOF	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEH1	32SPG021088
561	060815ZJAN99	SOF	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEH1	32SPG021088
562	060815ZJAN99	SOF	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEH1	32SPG021088
563	060815ZJAN99	SOF	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEH1	32SPG021088
564	060815ZJAN99	SOF	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEH1	32SPG021088
565	060815ZJAN99	ASW4	MANCON_2	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT			
566	060815ZJAN99	FFG	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE Msr# ASW4			
567	060815ZJAN99	INF_A/B	MANCON_2	UNIT MOVE	COMMENCING MOVEMENT			
568	060815ZJAN99	AGSUP	MANCON_3	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	4	INF_A/B	32SPF728658
569	060815ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED SUPPLY UNIT	7	AGSUP	32SPF728633
570	060815ZJAN99	INF_A/B	MANCON_3	UNIT MOVE	COMMENCING MOVEMENT			
571	060816ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRK DETECTED	BA	BOGEY3	32SPF728627
572	060816ZJAN99	BOGEY3	AGCON_1	AIR MSN ILLUMINATED	AIR MISSON ILLUMINATED BY NON-SAME SIDE RADAR			
573	060816ZJAN99	INF_H/B	MANCON_3	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.39252<<2.00000)			
574	060816ZJAN99	INF_A/B	MANCON_3	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.39252<<2.00000)			
575	060816ZJAN99	INF_A/B	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT			
576	060816ZJAN99	AGAIR	MANCON_3	ENGAGEMENT STATUS CHANGE	IS ENGAGED			
577	060816ZJAN99	AGSUP	AGCON_1	AIR RTE POINT	AIR MISSON HAS REACHED ATTACK POINT			
578	060816ZJAN99	BCAS9	MANCON_3	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
579	060816ZJAN99	SILK5	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS9			
580	060816ZJAN99	INF_B/LUE	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE BCAS9			
581	060816ZJAN99	INF_A/B	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE BCAS9			
582	060816ZJAN99	SILK5	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE BCAS9			
583	060816ZJAN99	ASW5	MANCON_2	AIR MSN LAUNCH	CRUISE MISSILE HAS LAUNCHED			
584	060816ZJAN99	GCAP1	MANCON_2	AIR RTE POINT	AIR MISSON HAS REACHED AIR TO AIR LAUNCH POINT			
585	060816ZJAN99	VF GREEN	MANCON_2	ASSESSMENT REPORT	AIR TO AIR GCAP1			
586	060816ZJAN99	BOGEY3	AGCON_1	ASSESSMENT REPORT	AIR TO AIR GCAP1			
587	060816ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BB	BOGEY3	32SQF088993
588	060816ZJAN99	SILK5	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	INF_A/B	32SPF700785
589	060816ZJAN99	ENG	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	7	SILK5	32SPF700785
590	060816ZJAN99	INF_A/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	SILK5	32SPF700771
591	060816ZJAN99	Q142	AGCON_1	AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED			
592	060816ZJAN99	BOGEY4	AGCON_1	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT			
593	060816ZJAN99	ASW5	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE ASW5			
594	060816ZJAN99	FFG	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE ASW5			
595	060816ZJAN99	SUB2	AGCON_1	AIR RTE POINT	AIR MISSON HAS REACHED AIR TO AIR LAUNCH POINT			
596	060817ZJAN99	GCAP1	MANCON_2	ASSESSMENT REPORT	AIR TO AIR GCAP1			
597	060817ZJAN99	VF GREEN	MANCON_2	ASSESSMENT REPORT	AIR TO AIR GCAP1			
598	060817ZJAN99	BOGEY3	AGCON_1	ASSESSMENT REPORT	TERMINATING ENGAGEMENT WITH TRACK			
599	060817ZJAN99	GCAP1	MANCON_2	ASSESSMENT REPORT	AIR TO AIR GCAP1			
600	060817ZJAN99	BOGEY3	MANCON_2	AD ENGAGE END	AIR MISSON CANCELED DUE TO LOSS OF AIRCRAFT			
601	060817ZJAN99	BOGEY3	AGCON_1	AIR MSN CANX				
602	060817ZJAN99	LHA	AGCON_1	AIRCRAFT STAT	AIR TRACK DETECTED	BC	QA142	32SPF656674
603	060817ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR MISSON ILLUMINATED BY NON-SAME SIDE RADAR			
604	060817ZJAN99	PB2	AGCON_1	AIR TRK DATA	HAVE COMMENCED MOVEMENT			
605	060817ZJAN99	SUB2	AGCON_1	SHIP MOVE	UNABLE TO MOVE - SHIP DAMAGED			
606	060817ZJAN99	BCAS11	AGCON_1	AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED			
607	060817ZJAN99	BCAS12	MANCON_3	AIR MSN LAUNCH	AIR MISSON HAS LAUNCHED			
608	060817ZJAN99	BCAS10	MANCON_3	AIR RTE POINT	AIR MISSON HAS REACHED ATTACK POINT			
609	060817ZJAN99	SILK2	AGCON_1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
610	060817ZJAN99	INF_B/LUE	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE Msr# BCAS10			
611	060817ZJAN99	INF_A/B	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE Msr# BCAS10			
612	060817ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BD	BCAS12	32SPG026052
613	060817ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BE	BCAS11	32SPG026052
614	060817ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BF	PB2	32CG026159
615	060818ZJAN99	LHA	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BG	BOGEY4	32SPF71801
616	060818ZJAN99	BOGEY4	AGCON_1	AIR MSN ILLUMINATED	AIR MISSON ILLUMINATED BY NON-SAME SIDE RADAR			
617	060818ZJAN99	FROG4	AGCON_1	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	2	VNAV_PURPLE	32SPF842929
618	060818ZJAN99	FROG4	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	INF_AP	32SPF842929
619	060818ZJAN99	VNAV_PURPLE	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	6	FROG4	32SPF842929
620	060818ZJAN99	SOF	MANCON_4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH1	32SPG728613
621	060818ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH1	32SPG728613

	J	K	L	M	N	O	P	Q	R	S	T	U
553												
554												
555												
556	FRIENDLY											
557	SUSPECT											
558												
559		LAV-MTR	2									
560		LAV-LOG	3									
561		LAV-COMMAND	1									
562		LAV-AT	4									
563		LAV-25	13									
564		TROOPS	63									
565												
566	NO ASSESSMENT											
567		TROOPS	168									060815ZJAN99
568		TROOPS	175									
569												
570												
571	HOSTILE											
572												
573												
574												
575												
576												
577												
578												
579												
580		D-20	0	0			1	0				
581		D-20	0	0			0	0				
582		D-20	0	0			0	0				
583												
584		SU-24-FENCER		0	0		1	0				
585		SU-24-FENCER		0	0		1	0				
586												
587	FRIENDLY											
588												
589		D-20	2									
590		D-20	2									
591												
592												
593		SUBMARINE		0	0		0	1				
594		SUBMARINE		0	0		0	1				
595												
596												
597		SU-24-FENCER		0	0		1	0				
598		SU-24-FENCER		0	0		1	0				
599	ENEMY DESTROYED											
600												
601										0		2
602	SUSPECT											
603												
604												
605												
606												
607												
608												
609												
610	NO ASSESSMENT											
611	NO ASSESSMENT											
612	FRIENDLY											
613	FRIENDLY											
614	HOSTILE											
615	HOSTILE											
616												
617												
618		TROOPS	182									
619		FROG-7-SSM	1									
620		LAV-MTR	2									
621		LAV-LOG	3									

A	B	C	D	E	F	G	H	I
622	060818ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH1	32SPG729013
623	060818ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH1	32SPG729013
624	060818ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH1	32SPG729013
625	060818ZJAN99	SOF	MANCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH1	32SPG729013
626	060818ZJAN99	INF_HIP	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	6	FROG4	32SPF607917
627	060818ZJAN99	INF_AP	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	6	FROG4	32SPF607917
628	060818ZJAN99	INF_AP	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	6	FROG4	32SPF607917
629	060818ZJAN99	INF_AP	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	6	FROG4	32SPF607917
630	060818ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	5	INF_HIB	32SPF515732
631	060818ZJAN99	INF_HIB	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG3	32SPF724817
632	060818ZJAN99	INF_HIB	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG3	32SPF724817
633	060818ZJAN99	INF_HIB	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG3	32SPF724817
634	060818ZJAN99	INF_AB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG3	32SPF724817
635	060818ZJAN99	INF_AB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG3	32SPF724817
636	060818ZJAN99	BCAS11	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT	3	FROG2	32SPF724817
637	060818ZJAN99	BCAS12	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT	3	FROG2	32SPF724817
638	060818ZJAN99	BCAS9	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT	3	FROG2	32SPF724817
639	060818ZJAN99	BCAS9	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT	3	FROG2	32SPF724817
640	060818ZJAN99	GCAP1	MANCON_2	AIRCRAFT STAT	AIR MISSION HAS REACHED ORBIT POINT	3	FROG2	32SPF724817
641	060818ZJAN99	FROG3	AGCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT	3	FROG2	32SPF724817
642	060818ZJAN99	VF_FLAG	AGCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT	3	FROG2	32SPF724817
643	060818ZJAN99	SOF	MANCON_1	ASSESSMENT REPORT	RECEIVING AIR-TO-SURFACE FIRE	2	ENG	32SPF724888
644	060818ZJAN99	TANK1	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG	32SPF724888
645	060818ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG	32SPF724888
646	060818ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG	32SPF724888
647	060818ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG	32SPF724888
648	060818ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG	32SPF724888
649	060818ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG	32SPF724888
650	060818ZJAN99	ENG	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK1	32SPF468893
651	060818ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	ENG	32SPF474745
652	060818ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	ENG	32SPF474745
653	060818ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	ENG	32SPF474745
654	060818ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	ENG	32SPF474745
655	060818ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	ENG	32SPF474745
656	060818ZJAN99	FROG2	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	ENG	32SPF474745
657	060818ZJAN99	ENG	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	ENG	32SPF474745
658	060818ZJAN99	ENG	MANCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	ENG	32SPF474745
659	060818ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG2	32SPF77904
660	060818ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG2	32SPF77904
661	060818ZJAN99	INF_HIB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG2	32SPF77904
662	060818ZJAN99	INF_HIB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG2	32SPF77904
663	060818ZJAN99	INF_HIB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	FROG2	32SPF77904
664	060818ZJAN99	INF_AB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	TANK1	32SPF494977
665	060818ZJAN99	INF_AB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	TANK1	32SPF494977
666	060818ZJAN99	INF_AB	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	TANK1	32SPF494977
667	060818ZJAN99	LDVEH1	AGCON_1	UNIT MOVE	DETECTION HAS BEEN LOST	4	TANK1	32SPF494977
668	060818ZJAN99	CG	MANCON_2	ASSESSMENT REPORT	COMMENCING MOVEMENT	4	TANK1	32SPF494977
669	060818ZJAN99	CG	AGCON_1	ASSESSMENT REPORT	SURFACE TO AIR CG	4	TANK1	32SPF494977
670	060818ZJAN99	CG	AGCON_1	ASSESSMENT REPORT	SURFACE TO AIR CG	4	TANK1	32SPF494977
671	060818ZJAN99	FROG4	AGCON_1	AD ENGAGE END	TERMINATING ENGAGEMENT WITH TARGET	4	BOGEY4	32SPF494977
672	060818ZJAN99	INF_AP	MANCON_4	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAW MISSION DUE TO CPR (0.00000<=0.17000)	4	AGAIR1	32SPF494977
673	060818ZJAN99	FROG4	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT	4	(BOGEY4)	32SPF494977
674	060818ZJAN99	BCAS10	AGCON_1	UNIT MOVE	COMMENCING MOVEMENT	4	FROG4	32SPF494977
675	060818ZJAN99	BCAS10	AGCON_1	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT	4	FROG4	32SPF494977
676	060818ZJAN99	BCAS10	AGCON_1	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT	4	FROG4	32SPF494977
677	060818ZJAN99	BOGEY4	AGCON_1	AIR MSN CAMX	AIR MISSION CANCELED DUE TO LOSS OF AIRCRAFT	4	FROG4	32SPF494977
678	060818ZJAN99	BOGEY4	AGCON_1	AIRCRAFT STAT	AIR MISSION CANCELED DUE TO LOSS OF AIRCRAFT	4	FROG4	32SPF494977
679	060818ZJAN99	LDVEH1	AGCON_1	UNIT DESTINATION	HAVE REACHED ASSIGNED DESTINATION	4	FROG4	32SPF494977
680	060818ZJAN99	BOGEY2	AGCON_1	AIR TRK DATA	AIR TRACK DETECTED	4	BOGEY2	32SPG55224
681	060818ZJAN99	SILK1	AGCON_1	AIR MSN ILLUMINATED	AIR MISSION ILLUMINATED BY NON-SAME SIDE RADAR	4	BOGEY2	32SPG55224
682	060818ZJAN99	INF_AP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	INF_AP	32SPF601925
683	060818ZJAN99	FROG4	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	SILK1	32SPF612985
684	060818ZJAN99	HEL01	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	VINYL_PURPLE	32SPF645929
685	060818ZJAN99	FROG4	AGCON_1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED	2	VINYL_PURPLE	32SPF645929
686	060818ZJAN99	FROG4	AGCON_1	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION	2	VINYL_PURPLE	32SPF645929
687	060820ZJAN99	GCAP2	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT	2	BOGEY2	32SPF645929
688	060820ZJAN99	VF_GREEN	MANCON_2	ASSESSMENT REPORT	AIR TO AIR GCAP2	2	BOGEY2	32SPF645929
689	060820ZJAN99	BOGEY2	MANCON_1	ASSESSMENT REPORT	AIR TO AIR GCAP2	2	AGAIR1	32SPF645929
690	060820ZJAN99	FCAS7	MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT	2	AGAIR1	32SPF645929
691	060820ZJAN99	FCAS7	MANCON_1	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT	2	AGAIR1	32SPF645929

J	K	L	M	N	O	P	Q	R	S	T	U
622	LAV-COMMAND	1									
623	LAV-AT	4									
624	LAV-25	13									
625	TROOPS	63									
626	FROG-7-SSM	1									
627	FROG-7-SSM	1									
628	TROOPS	4									
629	TROOPS	162									
630	TROOPS	168									
631	FROG-7-SSM	1									
632	TROOPS	4									
633	FROG-7-SSM	1									
634	TROOPS	4									
635											
636											
637											
638											
639											
640											
641											
642	NO ASSESSMENT		0	0	0	0	0	0			
643	NO ASSESSMENT		0	0	0	0	0	0			
644	5.0-TRUCK	3									
645	MCLIC	7									
646	X-TANK	4									
647	HMMWV	9									
648	SEE	2									
649	HMMWV-TOW	8									
650	MIA1	13									
651	5.0-TRUCK	3									
652	MCLIC	7									
653	ACE	4									
654	HMMWV	9									
655	SEE	2									
656	TROOPS	62									
657	FROG-7-SSM	1									
658	TROOPS	2									
659	TROOPS	162									
660	TROOPS	168									
661	HMMWV-TOW	8									
662	MIA1	13									
663	TROOPS	7									
664	HMMWV-TOW	6									
665	MIA1	13									
666	TROOPS	7									
667											
668											
669	ENEMY DESTROYED		0	0	2	0	0	0			060819ZJAN89
670			0	0	2	0	0	0			
671											
672											
673											
674											
675											
676											
677											
678	HOSTILE										
679											
680											
681											
682	D-20	2									
683											
684											
685											
686											
687	SU-24-FENCER		0	0	1	0	0	0			
688	SU-24-FENCER		0	0	1	0	0	0			
689											
690											

J	K	L	M	N	O	P	Q	R	S	T	U
691	TROOPS	182									
692	SMAW	6									
693	TROOPS	188									
694	AT4-LUS	9									
695	80MM-MTR	3									
696	M-16	130									
697	SAW	27									
698	M-203	27									
699	M240-MG	6									
700	SMAW	6									
701	TROOPS	182									
702	AT4-LUS	9									
703	80MM-MTR	3									
704	M-16	132									
705	SAW	27									
706	M-203	27									
707	M240-MG	6									
708	SMAW	6									
709	TROOPS	168									
710	AT4-LUS	9									
711	80MM-MTR	3									
712	M-16	130									
713	SAW	27									
714	M-203	27									
715	M240-MG	6									
716	SMAW	6									
717	TROOPS	162									
718	TROOPS	262									
719	M-16	218									
720	TROOPS	175									
721	TROOPS	262									
722	M-16	216									
723	D-20	2									
724	TROOPS	6									
725											
726											
727	FROG-7-SSM	1									
728	TROOPS	162									
729	FROG-7-SSM	1									
730	TROOPS	4									
731	MV-22	24									
732	TROOPS	209									
733	5.0-TRUCK	3									
734	MCLIC	7									
735	X-TANK	4									
736	HMMWV	9									
737	SEE	2									
738	FROG-7-SSM	1									
739	TROOPS	4									
740	FROG-7-SSM	1									
741											
742											
743											
744											
745											
746											
747											
748											
749											
750											
751											
752	NIMITZ-CLASS	0									
753	NSSMS-LNCHR	0									
754	TROOPS	1410	473								
755	NIMITZ-CLASS	0									
756	NSSMS-LNCHR	0									
757	TROOPS	135	132								
758	TROOPS	135	132								
759	TROOPS	135	132								

A	B	C	D	E	F	G	H	I
760	060820ZJAN99	VF GREEN	MANCON 2	ASSESSMENT REPORT	AIR TO SURFACE BOEY2		VF GREEN	
761	060820ZJAN99	BOEY2	AGCON 1	AIR MSL LAUNCH	AIR MISSION HAS LAUNCHED			
762	060820ZJAN99	INF_HIB	MANCON 3	UNIT MOVE	COMMENCING MOVEMENT			
763	060820ZJAN99	GCA2	MANCON 2	AIR RTE POINT	AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT			
764	060820ZJAN99	VF GREEN	MANCON 2	ASSESSMENT REPORT	AIR TO AIR GCA2		BOEY2	
765	060820ZJAN99	BOEY2	AGCON 1	AD ENGAGE END	TERMINATING ENGAGEMENT WITH TRACK		AGAIR1	
766	060820ZJAN99	GCA2	MANCON 2	AIR WPN LINC	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		BH	
767	060820ZJAN99	PCAS2	MANCON 1	STATUS CHANGE	UNDER AIR ATTACK			
768	060820ZJAN99	PCAS2	AGCON 1	ASSESSMENT REPORT	AIR TO SURFACE FCAS2		PB2	
769	060820ZJAN99	PCAS2	MANCON 1	ASSESSMENT REPORT	AIR TO SURFACE FCAS2		PB2	
770	060820ZJAN99	VF FLAG	MANCON 1	ASSESSMENT REPORT	AIR TO SURFACE FCAS2		PB2	
771	060820ZJAN99	SOE	MANCON 1	ASSESSMENT REPORT	AIR TO SURFACE FCAS2		PB2	
772	060820ZJAN99	SOE	AGCON 1	ASSESSMENT REPORT	AIR TO SURFACE FCAS2		PB2	
773	060820ZJAN99	PB2	AGCON 1	ASSESSMENT REPORT	AIR TO SURFACE FCAS2		PB2	
774	060820ZJAN99	BOEY2	AGCON 1	ASSESSMENT REPORT	AIR MISSION CANCELED DUE TO LOSS OF AIRCRAFT			
775	060820ZJAN99	BOEY2	AGCON 1	ASSESSMENT REPORT	COMMENCING MOVEMENT			
776	060820ZJAN99	BOEY2	AGCON 1	ASSESSMENT REPORT	IS ENGAGED		INF_AP	
777	060821ZJAN99	INF_AIB	MANCON 3	AIRCRAFT STAT	COMMENCING MOVEMENT			
778	060821ZJAN99	FROG4	AGCON 1	ENGAGEMENT STATUS CHANGE	HAS ASSUMED WITHDRAW MISSION DUE TO CPR (0.00000<-0.17000)			
779	060821ZJAN99	AGSUP	AGCON 1	UNIT DEFENSIVE MISSION	HAS INITIATED ENGAGEMENT			
780	060821ZJAN99	AGAIR	AGCON 1	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		INF_HIB	
781	060821ZJAN99	INF_HIB	MANCON 3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		AGAIR	
782	060821ZJAN99	INF_HIB	MANCON 3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		AGSUP	
783	060821ZJAN99	INF_HIB	MANCON 3	ENGAGEMENT STATUS CHANGE	COMMENCING MOVEMENT		ARTY1	
784	060821ZJAN99	AGSUP	AGCON 1	UNIT MOVE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_HIB	32SPF72830
785	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_HIB	32SPF72830
786	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_HIB	32SPF72830
787	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_HIB	32SPF72830
788	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_HIB	32SPF72830
789	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_HIB	32SPF72830
790	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_HIB	32SPF72830
791	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_HIB	32SPF72830
792	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_HIB	32SPF72830
793	060821ZJAN99	SOE	MANCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT		INF_HIB	32SPF72830
794	060821ZJAN99	SOE	MANCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT		LDVEH3	32SPG728013
795	060821ZJAN99	SOE	MANCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT		LDVEH3	32SPG728013
796	060821ZJAN99	SOE	MANCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT		LDVEH3	32SPG728013
797	060821ZJAN99	SOE	MANCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT		LDVEH3	32SPG728013
798	060821ZJAN99	SOE	MANCON 1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT		LDVEH3	32SPG728013
799	060821ZJAN99	SILK1	MANCON 1	VISUAL DETECT	DETECTION HAS BEEN TEMPORARILY LOST		INF_HP	32SPF72830
800	060821ZJAN99	VF_PURPLE	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		SILK1	32SPG731784
801	060821ZJAN99	VF_PURPLE	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		SILK1	32SPG731784
802	060821ZJAN99	SILK1	MANCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		VMV_PURPLE	32SPF70252
803	060821ZJAN99	PCAS4	MANCON 1	AIR WPN LINC	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT			
804	060821ZJAN99	ARTY1	MANCON 1	STATUS CHANGE	UNDER AIR ATTACK			
805	060821ZJAN99	VF_PURPLE	AGCON 1	ASSESSMENT REPORT	AIR TO SURFACE PCAS4		ARTY1	
806	060821ZJAN99	SOE	MANCON 1	ASSESSMENT REPORT	AIR TO SURFACE PCAS4		ARTY1	
807	060821ZJAN99	SOE	MANCON 1	ASSESSMENT REPORT	COMMENCING MOVEMENT		ARTY1	
808	060821ZJAN99	LDVEH3	AGCON 1	UNIT MOVE	COMMENCING MOVEMENT			
809	060821ZJAN99	LDVEH3	AGCON 1	UNIT DESTINATION	HAVE REACHED ASSIGNED DESTINATION			
810	060821ZJAN99	LDVEH3	MANCON 3	OBJECT DETECT	HAVE DETECTED ANTI PERSONNEL Minefield			
811	060821ZJAN99	INF_HIB	MANCON 3	OBJECT DETECT	HAVE DETECTED STRUCTURE			
812	060821ZJAN99	INF_HIB	MANCON 3	OBJECT DETECT	HAVE DETECTED STRUCTURE			
813	060821ZJAN99	INF_HIB	MANCON 3	VISUAL DETECT	HAVE DETECTED A SHIP		PB1	32SPG815050
814	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
815	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
816	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
817	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
818	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
819	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
820	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
821	060821ZJAN99	AGSUP	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
822	060821ZJAN99	AGAIR	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
823	060821ZJAN99	AGAIR	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
824	060821ZJAN99	AGAIR	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
825	060821ZJAN99	AGAIR	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
826	060821ZJAN99	AGAIR	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
827	060821ZJAN99	AGAIR	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050
828	060821ZJAN99	AGAIR	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_HIB	32SPG815050

J	K	L	M	N	O	P	Q	R	S	T	U
760	TROOPS		135	132							
761											060820ZJAN99
762											
763											
764	SU-24-FENCER		0	0	1	0	0				
765	SU-24-FENCER		0	0	1	0	0				
766	ENEMY DESTROYED										
767											
768											
769	TROOPS		18	6	0	0	0				
770	PC-BOAT		0	0	1	0	0				
771	TROOPS		18	6	0	0	0				
772	PC-BOAT		0	0	1	0	0				
773	TROOPS		18	6	0	0	0				
774	PC-BOAT		0	0	1	0	0				
775											
776											
777											060821ZJAN99
778											
779											
780											
781											
782											
783											
784											
785											
786	TROOPS		182	6							060821ZJAN99
787	SMAW										
788	AT4-US		9	3							
789	60MM-MTR		132								
790	M-16		27								
791	SAW		27								
792	M-203		6								
793	M240-MG		2								
794	LAV-MTR		2								
795	LAV-LOG		3								
796	LAV-COMMAND		1								
797	LAV-AT		4								
798	LAV-25		13								
799	TROOPS		63								
800	D-20		2								
801	D-20		2								
802											
803											
804											
805											
806	D-20		0	0	1	1	0				
807	D-20		0	0	1	1	0				
808											
809											060821ZJAN99
810	% 0 DAMAGED										
811											
812											
813											
814	PC-BOAT		1								
815	TROOPS		182								
816	SMAW		6								
817	AT4-US		9								
818	60MM-MTR		3								
819	M-16		132								
820	SAW		27								
821	M-203		27								
822	M240-MG		6								
823	TROOPS		182								
824	AT4-US		9								
825	60MM-MTR		3								
826	M-16		132								
827	SAW		27								
828	M-203		27								
829	M240-MG		6								

	J	K	L	M	N	O	P	Q	R	S	T	U
828												
829		SMAW	6									
830		TROOPS	262									
831		M-16	216									
832		TROOPS	175									
833												
834												
835												
836		HOSTILE							1		0	0
837												
838												
839												
840												
841												
842												
843												
844												
845												
846												
847												
848												
849		TROOPS	80	1	0	0	0	0	0			
850		TROOPS	5	0	0	0	0	0	0			
851		TROOPS	5	0	0	0	0	0	0			
852		TROOPS	80	1	0	0	0	0	0			
853												
854												
855		TROOPS	182									
856		AAAV	1									
857		FROG-7-SSM	1									
858		TROOPS	2									
859												
860		FROG-7-SSM	1									
861		MV-22	24									
862		TROOPS	208									
863		FROG-7-SSM	1									
864		TROOPS	2									
865		TROOPS	257									
866												
867		SU-24-FENCER		0	0	1	0	0	0			
868		SU-24-FENCER		0	0	1	0	0	0			
869		FRIENDLY										
870												
871									1		0	0
872												
873												
874		NO ASSESSMENT		0	0	0	0	0	0			
875												
876		TROOPS	257									
877		MV-22	24									
878		TROOPS	207									
879		TROOPS	181									
880												
881		AAAV	1									
882		FROG-7-SSM	1									
883		TROOPS	4									
884		FROG-7-SSM	4									
885		TROOPS	4									
886		FROG-7-SSM	1									
887		TROOPS	182									
888												
889		FROG-7-SSM	1									
890		FROG-7-SSM	1									
891		TROOPS	4									
892												
893		SU-24-FENCER		0	0	1	0	0	0			
894		SU-24-FENCER		0	0	1	0	0	0			
895		ENEMY DESTROYED										
896									0		0	2
897												

	J	K	L	M	N	O	P	Q	R	S	T	U
898	HOSTILE											
899												
900												
901												
902												
903												
904		TROOPS		9	4		0	0				
905		LAV-MTR		0	0		2	0				
906		TROOPS		9	4		0	0				
907		LAV-MTR		0	0		2	0				
908		TROOPS		9	4		0	0				
909		LAV-MTR		0	0		2	0				
910	HOSTILE											
911												
912												
913												
914												
915		LAV-MTR		2								
916		LAV-LOG		3								
917		LAV-COMMAND		1								
918		LAV-AT		4								
919		LAV-25		13								
920		TROOPS		63								
921		LAV-MTR		2								
922		LAV-LOG		3								
923		LAV-COMMAND		1								
924		LAV-AT		4								
925		LAV-25		13								
926		TROOPS		63								
927												
928												
929												
930	NO ASSESSMENT											
931												
932												
933	E Product (damage level) increased 99 percent.	CE_PRODUCT		0	0		0	0				
934	E Product (damage level) increased 99 percent.	CE_PRODUCT		0	0		0	0				
935												
936		SU-24-FENCER		0	0		1	0				
937		SU-24-FENCER		0	0		1	0				
938		TRAILER-WATER-300G		3								
939		5.0-TRUCK		3								
940		HMMWV-AMBUL		9								
941		HMMWV		3								
942		TROOPS		201								
943		SAW		2								
944		AT4-US		2								
945		M-16		216								
946		M240-MG		1								
947		.50CAL-MG		1								
948		TRAILER-WATER-300G		3								
949		5.0-TRUCK		3								
950		HMMWV-AMBUL		9								
951		HMMWV		3								
952		TROOPS		201								
953		SAW		2								
954		AT4-US		2								
955		M-16		216								
956		M240-MG		1								
957		.50CAL-MG		1								
958	% 99 DAMAGED											
959	% 0 DAMAGED											
960												
961												
962		PC-BOAT		1								
963		TROOPS		192								
964		M-16		215								
965		TROOPS		175								
966		5.0-TRUCK		3								

	J	K	L	M	N	O	P	Q	R	S	T	U
967		MCLIC	7									
968		X-TANK	4									
969		HMMWV	6									
970		SEE	2									
971		S.D-TRUCK	3									
972		MCLIC	7									
973		X-TANK	4									
974		HMMWV	9									
975		SEE	2									
976												
977		LAV-LOG	3									
978		LAV-COMMAND	1									
979		LAV-AT	4									
980		LAV-25	13									
981		TROOPS	67									
982												
983												
984												
985												
986												
987												
988												
989		SU-24-FENCER	0	0	1	0	0	0	1	0	0	
990		SU-24-FENCER	0	0	1	0	0	0	0	0	0	
991		ENEMY DESTROYED										
992												
993												
994												
995												
996												
997												
998												
999												
1000		BOEING-747	45									
1001		TROOPS	182									
1002		D-20	1									
1003		TROOPS	6									
1004												
1005												
1006		HOSTILE										
1007												
1008												
1009												
1010												
1011												
1012												
1013												
1014		NO ASSESSMENT										
1015												
1016												
1017		BOEING-747	46									
1018		HMMWV-TOW	6									
1019		MIA1	14									
1020												
1021		D-20	2									
1022		D-20	2									
1023												
1024		FROG-7-SSM	1									
1025												
1026		FRIENDLY										
1027		FRIENDLY										
1028		FRIENDLY										
1029												
1030												
1031												
1032		CE_PRODUCT		0	0	0	0	0	0	0	0	
1033		CE_PRODUCT		0	0	0	0	0	0	0	0	
1034												
1035												

J	K	L	M	N	O	P	Q	R	S	T	U
1036											
1037	TROOPS		21	9	0	0	0				
1038	PC-BOAT		0	0	1	0	0				
1039	TROOPS		21	9	0	0	0				
1040	PC-BOAT		0	0	1	0	0				
1041	TROOPS		21	9	0	0	0				
1042	PC-BOAT		0	0	1	0	0				
1043	FRIENDLY										
1044	FRIENDLY										
1045											
1046											
1047											
1048											
1049											
1050											
1051	SUSPECT										
1052											
1053	FRIENDLY										
1054											
1055											
1056											
1057	5.0-TRUCK										
1058	MCLIC		3								
1059	ACE		7								
1060	HMMWV		4								
1061	SEE		9								
1062	SEE		2								
1063	TROOPS		82								
1064	TROOPS		182								
1065	SMAW		6								
1066	TROOPS		182								
1067	D-20		2								
1068	TROOPS		6								
1069	D-20		2								
1070	TROOPS		6								
1071	TRAILER-WATER-300G		3								
1072	5.0-TRUCK		3								
1073	HMMWV-AMBUL		9								
1074	HMMWV		3								
1075	TROOPS		200								
1076	SAW		2								
1077	AT4-JS		2								
1078	M-16		216								
1079	M240-MG		1								
1080	.50CAL-MG		1								
1081	TRAILER-WATER-300G		3								
1082	5.0-TRUCK		3								
1083	HMMWV-AMBUL		9								
1084	HMMWV		3								
1085	TROOPS		200								
1086	SAW		2								
1087	AT4-JS		2								
1088	M-16		216								
1089	M240-MG		1								
1090	.50CAL-MG		1								
1091	TROOPS		188								
1092	M-16		215								
1093	TROOPS		157								
1094											
1095			0	0	0	0	0				060814ZJAN89
1096			0	0	0	0	0				060814ZJAN89
1097			0	0	0	0	0				060816ZJAN89
1098			0	0	0	0	0				060825ZJAN89
1099			178	10	0	0	0				
1100	TROOPS		15	0	0	0	0				
1101	TROOPS		27	0	0	0	0				
1102	TROOPS		2	0	0	0	0				
1103	TROOPS		10	0	0	0	0				
1104	TROOPS		88	8	0	0	0				

A	B	C	D	E	F	G	H	I
1105 060828ZJAN89	GROUND ENGAGEMENT 5	32SPG901121	AGCON_1,MANCON_3	REPORT	Incremental losses:			
1106 060828ZJAN89	GROUND ENGAGEMENT 5	32SPG901121	AGCON_1,MANCON_3	REPORT	Incremental losses:			
1107 060828ZJAN89	AGSUP	32SPF727830	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		AGSUP	
1108 060828ZJAN89	MED/B	32SPG901121	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		MED/B	
1109 060828ZJAN89	MED/B	32SPF728829	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		AGSUP	
1110 060828ZJAN89	AGAIR	32SPG901121	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		MED/B	
1111 060828ZJAN89	AGAIR	32SPF728829	AGCON_1	UNIT MOVE	NOT ENOUGH TROOPS FOR MOVEMENT		AGAIR	
1112 060828ZJAN89	SILK4	32SPG824041	AGCON_1	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAW MISSION DUE TO CPR (0.00000-e=0.17000)			
1113 060828ZJAN89	ENG	32SPG812048	MANCON_1	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		SILK4	
1114 060828ZJAN89	SILK4	32SPG824041	AGCON_1	UNIT MOVE	TOWING REQUIREMENTS NOT MET			
1115 060828ZJAN89	INF_HB	32SPG819048	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		SILK4	
1116 060828ZJAN89	INF_AP	32SPF75953	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		TANK2	
1117 060828ZJAN89	BCAS7	32SPG901122	MANCON_4,MANCON_1	AIR MSN LAUNCH	AIR MISSILE HAS LAUNCHED			
1118 060828ZJAN89	AGWB	32SQF135976	MANCON_2	AIR RTE POINT	CRUISE MISSILE HAS REACHED ATTACK POINT			
1119 060828ZJAN89	SUB3	32SQF135976	AGCON_1	STATUS CHANGE	UNDER AIR ATTACK			
1120 060828ZJAN89	FFG	32SQF135976	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE ASWB		SUB3	
1121 060828ZJAN89	BCAS11	32SQF135976	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE ASWB		SUB3	
1122 060828ZJAN89	BCAS11	32SPG901122	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
1123 060828ZJAN89	GCAP10	32SPG817059	MANCON_2	AIRCRAFT STAT	AIR MISSION HAS REACHED ORBIT POINT			
1124 060828ZJAN89	GCAP10	32SPG856031	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
1125 060828ZJAN89	VC BLUE	32SPF781985	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT		WEST RD	
1126 060828ZJAN89	VF BLUE	31VA4861000	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS12		NORTH RD	
1127 060828ZJAN89	INF_HB	31VA4861000	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS12		WEST RD	
1128 060828ZJAN89	INF_HB	31VA4861000	MANCON_3	ASSESSMENT REPORT	AIR TO SURFACE BCAS12		NORTH RD	
1129 060828ZJAN89	LHA	31VA4861000	MANCON_3	ASSESSMENT REPORT	AIR TRACK DETECTED		PCAS7	32SPG859065
1130 060828ZJAN89	LHA	32SPF962990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		PCAS7	32SPF743785
1131 060828ZJAN89	LHA	32SPF962990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		BU	
1132 060828ZJAN89	BOGEY7	32SPF743785	AGCON_1	AIR MSN ILLUMINATED	AIR MISSION HAS LAUNCHED		BV	
1133 060828ZJAN89	FROG5	32SPF524723	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		2	32SPG862545
1134 060828ZJAN89	FROG5	32SPF524723	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		3	32SPF862545
1135 060828ZJAN89	FROG5	32SPF524723	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		2	32SPF87574
1136 060828ZJAN89	FROG5	32SPF524723	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		5	32SPF87574
1137 060828ZJAN89	FROG5	32SPF524723	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		7	32SPG506108
1138 060828ZJAN89	VMV_PURPLE	32SPF644928	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		7	32SPG506108
1139 060828ZJAN89	VMV_PURPLE	32SPF644928	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		7	32SPG490080
1140 060828ZJAN89	INF_HIP	32SPF644928	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		7	32SPG490080
1141 060828ZJAN89	INF_HIP	32SPF644928	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		7	32SPG490080
1142 060828ZJAN89	PCAS8	32SPG901122	MANCON_4,MANCON_1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
1143 060828ZJAN89	SUB3	32SQF135976	AGCON_1	SHIP MOVE	UNABLE TO MOVE - SHIP DAMAGED			
1144 060828ZJAN89	LHA	32SPF962990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED		PCAS8	32SPG859062
1145 060828ZJAN89	SILK1	32SPF565807	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST		INF_AP	32SPF568785
1146 060828ZJAN89	INF_AP	32SPF775953	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST		SILK1	32SPF803985
1147 060828ZJAN89	FROG4	32SPF523741	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST		2	32SPF563753
1148 060828ZJAN89	SILK5	32SPF602861	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		VMV_PURPLE	32SPG785070
1149 060828ZJAN89	INF_AP	32SPF775953	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		SMC	32SPG80747
1150 060828ZJAN89	INF_AP	32SPF775953	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		TANK2	32SPG80747
1151 060828ZJAN89	TANK2	32SPF825617	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		INF_AP	32SPF598894
1152 060828ZJAN89	BOGEY8	32SPF825617	AGCON_1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
1153 060828ZJAN89	QA142	32SPF825617	AGCON_1	AIR RTE POINT	AIR MISSION HAS LAUNCHED			
1154 060828ZJAN89	QA142	32SPF825617	AGCON_1	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT			
1155 060828ZJAN89	BCAS12	32SPG901122	MANCON_3	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT			
1156 060828ZJAN89	BCAS12	32SPG901122	MANCON_3	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT			
1157 060828ZJAN89	GCAP1	32SPG663123	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT			
1158 060828ZJAN89	VF GREEN	32SPF663550	MANCON_2	ASSESSMENT REPORT	AIR TO_AIR GCAP1			
1159 060828ZJAN89	BOGEY7	32SPF663550	AGCON_1	ASSESSMENT REPORT	AIR TO_AIR GCAP1			
1160 060828ZJAN89	BCAS13	32SPG901122	MANCON_3	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
1161 060828ZJAN89	SILK4	32SPG924041	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED		BOGEY7	
1162 060828ZJAN89	SILK4	32SPG924041	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED		AGAIR1	
1163 060828ZJAN89	SILK4	32SPG924041	AGCON_1	UNIT CASUALTY LIMIT	HAS REACHED EFFECTIVE CASUALTY LIMIT		ENG	
1164 060828ZJAN89	SILK4	32SPG924041	AGCON_1	UNIT CASUALTY LIMIT	UNIT IS NO LONGER COMBAT EFFECTIVE		INF_HB	
1165 060828ZJAN89	SILK4	32SPG924041	AGCON_1	ENGAGEMENT STATUS CHANGE	IS DESTROYED, TERMINATING ENGAGEMENT			
1166 060828ZJAN89	ENG	32SPG824041	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT		ENG	
1167 060828ZJAN89	SILK4	32SPG824041	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT		SILK4	
1168 060828ZJAN89	INF_HB	32SPG824041	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT		SILK4	
1169 060828ZJAN89	INF_HB	32SPG819048	MANCON_3	REPORT	Initial engagement:		SILK4	
1170 060828ZJAN89	GROUND ENGAGEMENT 7	32SPG819048	AGCON_1,MANCON_1,MANCON_3	REPORT	Initial engagement:		SILK4	
1171 060828ZJAN89	GROUND ENGAGEMENT 7	32SPG819048	AGCON_1,MANCON_1,MANCON_3	REPORT	Initial engagement:		ENG	
1172 060828ZJAN89	GROUND ENGAGEMENT 7	32SPG819048	AGCON_1,MANCON_1,MANCON_3	REPORT	Initial engagement:		INF_HB	
1173 060828ZJAN89	GROUND ENGAGEMENT 7	32SPG819048	AGCON_1,MANCON_1,MANCON_3	REPORT	Cumulative losses:		SILK4	
					Incremental losses:			

	J	K	L	M	N	O	P	Q	R	S	T	U
1105	TROOPS			2	0	0	0	0				
1106	TROOPS			27	0	0	0	0				
1107												
1108												
1109												
1110												
1111												
1112												
1113												
1114												
1115												
1116												
1117												
1118												
1119												
1120	SUBMARINE			0	0	0	1	0				
1121	SUBMARINE			0	0	0	1	0				
1122												
1123									1		0	0
1124												
1125												
1126												
1127	No damage assessed.	CE_PRODUCT		0	0	0	0	0				
1128	No damage assessed.	CE_PRODUCT		0	0	0	0	0				
1129	No damage assessed.	CE_PRODUCT		0	0	0	0	0				
1130	No damage assessed.	CE_PRODUCT		0	0	0	0	0				
1131	FRIENDLY											
1132	HOSTILE											
1133												
1134												
1135												
1136												
1137												
1138												
1139												
1140												
1141												
1142												
1143												
1144	FRIENDLY											
1145												
1146												
1147												
1148												
1149												
1150												
1151												
1152												
1153												
1154												
1155												
1156												
1157												
1158												
1159												
1160												
1161												
1162												
1163												
1164												
1165												
1166	UNIT DESTROYED											
1167												
1168	UNIT DESTROYED											
1169												
1170												060282JAN99
1171												060282JAN99
1172	TROOPS											060282JAN99
1173	TROOPS											060282JAN99

A	B	C	D	E	F	G	H	I
1174 060830ZJAN99	TANK2	32SPF587889	AGCON_1	ENGAGEMENT STATUS CHANGE	IS ENGAGED		INF_A/P	
1175 060830ZJAN99	GROUND_ENGAGEMENT 7	32SPG819048	AGCON_1,MANCON_3	REPORT	Initial engagement:		SILK4	
1176 060830ZJAN99	GROUND_ENGAGEMENT 7	32SPG819048	AGCON_1,MANCON_3	REPORT	Cumulative losses:		INF_H/B	
1177 060830ZJAN99	GROUND_ENGAGEMENT 7	32SPG819048	AGCON_1,MANCON_3	REPORT	Cumulative losses:		NORTH RD	
1178 060830ZJAN99	GROUND_ENGAGEMENT 7	32SPG819048	AGCON_1,MANCON_3	REPORT	No changes in CDA since last report.			32SPF738892
1179 060830ZJAN99	GROUND_ENGAGEMENT 7	32SPF73974	MANCON_4	OBJECT DETECT	HAVE DETECTED BRIDGE			32SPF742979
1180 060830ZJAN99	VWV_PURPLE	32SPG901122	MANCON_3	OBJECT DETECT	HAVE DETECTED RIVER			
1181 060830ZJAN99	BCAS14	32SPG901122	MANCON_3	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
1182 060830ZJAN99	BCAS15	32SPF625817	MANCON_3	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
1183 060830ZJAN99	DL403	32SPF625817	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT			
1184 060830ZJAN99	DL403	32SPF625817	AGCON_1	AIRCRAFT STAT				
1185 060830ZJAN99	DL403	32SPG693123	MANCON_2	AIR RTE POINT				
1186 060830ZJAN99	GCAPI	32SPF81907	AGCON_1	AD ENGAGE NOTIFY	AIR MISSION HAS REACHED AIR TO AIR LAUNCH POINT			
1187 060830ZJAN99	VF_GREEN	32SPG887019	MANCON_2	ASSESSMENT REPORT	BOGEY1 HAS BEEN FIRED ON BY AAM - NO HITS			
1188 060830ZJAN99	VF_GREEN	32SPG887019	MANCON_2	ASSESSMENT REPORT	AIR TO AIR MSN# GCAP1			
1189 060830ZJAN99	BA564	32SPF625617	AGCON_1	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED			
1190 060830ZJAN99	LHA	32SPF625990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BX	BA564	32SPF658621
1191 060830ZJAN99	LHA	32SPF625990	AGCON_1	AIR USN ILLUMINATED	AIR MISSION ILLUMINATED BY NON-SAME SIDE RADAR			
1192 060830ZJAN99	LHA	32SPF625990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BY	BCAS15	32SPG688048
1193 060830ZJAN99	LHA	32SPF625990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	BZ	BCAS14	32SPG688048
1194 060830ZJAN99	LHA	32SPF625990	MANCON_4	AIR TRK DATA	AIR TRACK DETECTED	CA	BCAS13	32SPG688048
1195 060830ZJAN99	PCAS7	32SPF587889	MANCON_4,MANCON_1	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT			
1196 060830ZJAN99	TANK2	32SPF587889	AGCON_1	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE			
1197 060830ZJAN99	VF_PURPLE	32SPF587889	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS7		TANK2	
1198 060830ZJAN99	VF_PURPLE	32SPF587889	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE PCAS7		TANK2	
1199 060830ZJAN99	SOI	32SPF587889	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS7		TANK2	
1200 060830ZJAN99	SOI	32SPF587889	MANCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS7		TANK2	
1201 060830ZJAN99	TANK2	32SPF587889	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS7		TANK2	
1202 060830ZJAN99	TANK2	32SPF587889	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE PCAS7		TANK2	
1203 060830ZJAN99	BCAS14	32SPG897031	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
1204 060830ZJAN99	BCAS15	32SPG897031	MANCON_3	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT			
1205 060830ZJAN99	DDG	32SPF658651	MANCON_2	FIRE MSN WARNING	FIRE MISSION DDG UNIT IS NOT WITHIN AN ACTIVE FIRE SUPPORT AREA.			
1206 060830ZJAN99	DDG	32SPF658651	MANCON_2	FIRE MSN WARNING	FIRE MISSION DDG UNIT IS NOT WITHIN AN ACTIVE FIRE SUPPORT AREA.			
1207 060830ZJAN99	DDG	32SPF658651	MANCON_2	FIRE MSN PREP	FIRE MISSION DDG IN PREPARATION TO FIRE			

	J	K	L	M	N	O	P	Q	R	S	T	U
1174												
1175												060828ZJAN89
1176												060828ZJAN89
1177	No damage assessed.	CE PRODUCT										
1178		TROOPS										
1179												
1180	% 0 DAMAGED											
1181												
1182												
1183												
1184												
1185												
1186												
1187												
1188	NO ASSESSMENT											
1189												
1190	SUSPECT											
1191												
1192	FRIENDLY											
1193	FRIENDLY											
1194	FRIENDLY											
1195												
1196												
1197		TROOPS										
1198		HMMWV-TOW										
1199		TROOPS										
1200		HMMWV-TOW										
1201		TROOPS										
1202		HMMWV-TOW										
1203												
1204												
1205												
1206												
1207												

B. SIX-NODE RUN

1. Spot Report Log file for 3-1-99_J61J62_V2

3-1-99_J61J62_V2..... SPOT REPORT LOG FILE:
PRINTED BY:

;AIR RTE POINT;GCAS11;32SPG698020;060805ZJAN99;MANCON_2;AIR MISSION HAS
REACHED ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;GCAS12;32SPG698020;060805ZJAN99;MANCON_2;AIR MISSION HAS
REACHED ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;GCAS13;32SPG698020;060806ZJAN99;MANCON_2;AIR MISSION HAS
REACHED ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;GCAS14;32SPG698020;060806ZJAN99;MANCON_2;AIR MISSION HAS
REACHED ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;GCAS15;32SPG698020;060806ZJAN99;MANCON_2;AIR MISSION HAS
REACHED ORBIT POINT
PRINTED BY: mds007

;VISUAL DETECT;HILLIFY;32SPF841931;060806ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED MEDICAL UNIT AT 32SPF849930, TRACK 9

, ID=MED1 TRAILER-WATER-300G 3; 5.0-TRUCK 3; HMMWV-AMBUL 9; HMMWV 3; TROOPS
201; .50CAL-MG 1;
PRINTED BY: mds007

;VISUAL DETECT;MED1;32SPF850929;060806ZJAN99;MANCON_3;HAVE DETECTED SECTION
SIZED INFANTRY UNIT AT 32SPF843930, TRACK 2

, ID=HILLIFY HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;UNIT BARRIER STATUS;INF_H/B;32SPF841931;060807ZJAN99;MANCON_3;WITHIN BARRIER
MOUNTAIN NAMED HILL
PRINTED BY: mds007

;UNIT MOVE ;INF_H/B;32SPF841931;060807ZJAN99;MANCON_3;COMMENCING MOVEMENT at
060807ZJAN99
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;MED1;32SPF850929;060807ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH HILLIFY
PRINTED BY: mds007

;OBJECT DETECT;LDVEH1;32SPG729015;060807ZJAN99;AGCON_1;HAVE DETECTED STRUCTURE
AT 32SPG727000;
PRINTED BY: mds007

;OBJECT DETECT;LDVEH1;32SPG729015;060807ZJAN99;AGCON_1;HAVE DETECTED BRIDGE [
% 0 DAMAGED] AT 32SPF738992;

PRINTED BY: mds007

;OBJECT DETECT;LDVEH1;32SPG729015;060807ZJAN99;AGCON_1;HAVE DETECTED BRIDGE [% 0 DAMAGED] AT 32SPG740005;

PRINTED BY: mds007

;OBJECT DETECT;LDVEH1;32SPG729015;060807ZJAN99;AGCON_1;HAVE DETECTED RIVER AT 32SPG738023;

PRINTED BY: mds007

;VISUAL DETECT;SOF;32SPG726000;060807ZJAN99;MANCON_6;HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT AT 32SPG729014, TRACK 2

, ID=LDVEH1 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS 63;

PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;SOF;32SPG726000;060808ZJAN99;MANCON_6;HAS ASSUMED WITHDRAW MISSION DUE TO CPR (0.01685<=0.17000)

PRINTED BY: mds007

;UNIT MOVE ;SOF;32SPG726000;060808ZJAN99;MANCON_6;COMMENCING MOVEMENT at 060808ZJAN99

PRINTED BY: mds007

;UNIT MOVE ;INF_A1/P;32SPF830929;060808ZJAN99;MANCON_4;COMMENCING MOVEMENT at 060808ZJAN99

PRINTED BY: mds007

;VISUAL DETECT;SILK5;32SPF835953;060808ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF824932, TRACK 2

, ID=INF A1/P TROOPS 182;

PRINTED BY: mds007

;VISUAL DETECT;SILK5;32SPF835953;060808ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF841933, TRACK 3

, ID=INF H/B TROOPS 182;

PRINTED BY: mds007

;VISUAL DETECT;SILK5;32SPF835953;060808ZJAN99;AGCON_1;HAVE DETECTED A SHIP AT 32SPF867938, TRACK 4

, ID=AAAV2 AAV 1;

PRINTED BY: mds007

;OBJECT DETECT;ENG;32SPF796885;060808ZJAN99;MANCON_6;HAVE DETECTED ANTI_TANK Minefield [% 0 DAMAGED] AT 32SPF793883;

PRINTED BY: mds007

;OBJECT DETECT;ENG;32SPF796885;060808ZJAN99;MANCON_6;HAVE DETECTED ANTI_PERSONNEL Minefield [% 0 DAMAGED] AT 32SPF794885;

PRINTED BY: mds007

;OBJECT DETECT;MED1;32SPG977030;060808ZJAN99;MANCON_3;HAVE DETECTED STRUCTURE AT 32SPG987050;

PRINTED BY: mds007

;OBJECT DETECT;MED1;32SPG977030;060808ZJAN99;MANCON_3;HAVE DETECTED STRUCTURE AT 32SPG939034;

PRINTED BY: mds007

;OBJECT DETECT;MED1;32SPG977030;060808ZJAN99;MANCON_3;HAVE DETECTED MOUNTAIN AT 32SPG987026;

PRINTED BY: mds007

;VISUAL DETECT;INF_H/B;32SPF842931;060808ZJAN99;MANCON_3;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPF836950, TRACK 3

, ID=SILK5 D-20 2; TROOPS 8;

PRINTED BY: mds007

;VISUAL DETECT;INF_A1/P;32SPF823930;060808ZJAN99;MANCON_4;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPF835951, TRACK 3

, ID=SILK5 D-20 2; TROOPS 8;

PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060808ZJAN99;AGCON_1;DETECTION AT 32SPF824869 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;

PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF796885;060808ZJAN99;MANCON_6;DETECTION AT 32SPF814946 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=HILLIFY HMMWV-40MM-MG 1; TROOPS 2;

PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060808ZJAN99;AGCON_1;DETECTION AT 32SQF009912 HAS BEEN TEMPORARILY LOST, TRACK 9

, ID=MED1 TRAILER-WATER-300G 3; 5.0-TRUCK 3; HMMWV-AMBUL 9; HMMWV 3; TROOPS 201; .50CAL-MG 1;

PRINTED BY: mds007

;VISUAL DETECT STATUS;MED1;32SPG977030;060808ZJAN99;MANCON_3;DETECTION AT 32SPG810048 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=HILLIFY HMMWV-40MM-MG 1; TROOPS 2;

PRINTED BY: mds007

;AIR WPN LNCH;GCAS2;32SPG697020;060808ZJAN99;MANCON_2;AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT

PRINTED BY: mds007

;STATUS CHANGE;SILK5;32SPF835953;060808ZJAN99;AGCON_1; UNDER AIR ATTACK

PRINTED BY: mds007

;ASSESSMENT

REPORT;VF_GREEN;AIR_TO_SURFACE;32SPF835953;060808ZJAN99;MANCON_2;GCAS2;

UNIT SILK5; D-20 1 K_KILLED, 1 M_KILLED,

PRINTED BY: mds007

;ASSESSMENT REPORT;CG;AIR_TO_SURFACE;32SPF835953;060808ZJAN99;MANCON_2;GCAS2;

UNIT SILK5; D-20 1 K_KILLED, 1 M_KILLED,

PRINTED BY: mds007

;ASSESSMENT

REPORT;SILK5;AIR_TO_SURFACE;32SPF835953;060808ZJAN99;AGCON_1;GCAS2;

UNIT SILK5; D-20 1 K_KILLED, 1 M_KILLED,
PRINTED BY: mds007

;UNIT MOVE ;INF_A2/P;32SPF841900;060809ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060809ZJAN99
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;HILLIFY;32SPF841931;060809ZJAN99;AGCON_1;IS ENGAGED
BY MED1
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF726999;060809ZJAN99;MANCON_6;DETECTION AT
32SPG775260 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=LDVEH1 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060809ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH MED1
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;MED1;32SPG977030;060809ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT, NO LOS WITH HILLIFY
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/B;32SPF842931;060809ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH SILK5
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A1/P;32SPF823930;060809ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH SILK5
PRINTED BY: mds007

;VISUAL DETECT;SILK5;32SPF835953;060809ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED ENGINEER UNIT AT 32SPF829930, TRACK 5

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPF828928;060809ZJAN99;MANCON_6;HAVE DETECTED SECTION
SIZED ARTILLERY UNIT AT 32SPF835951, TRACK 3

, ID=SILK5 D-20 1; TROOPS 8;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ENG;32SPF828928;060810ZJAN99;MANCON_6;HAS INITIATED
ENGAGEMENT WITH HILLIFY
PRINTED BY: mds007

;AIR RTE POINT;GCAS2;32SPG974088;060810ZJAN99;MANCON_2;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;GCAS2;32SPG974088;060810ZJAN99;MANCON_2;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;VISUAL DETECT;SOF;32SPF726998;060810ZJAN99;MANCON_6;HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT AT 32SPF726980, TRACK 3

, ID=LDVEH2 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS 63;
PRINTED BY: mds007

;UNIT MOVE ;INF_A1/P;32SPF805936;060811ZJAN99;MANCON_4;COMMENCING MOVEMENT at 060811ZJAN99
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;HILLIFY;32SPF841931;060811ZJAN99;AGCON_1;IS ENGAGED BY ENG
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;SILK5;32SPF835953;060811ZJAN99;AGCON_1;IS ENGAGED BY INF_H/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;SILK5;32SPF835953;060811ZJAN99;AGCON_1;IS ENGAGED BY INF_A1/P
PRINTED BY: mds007

;REPORT; GROUND ENGAGEMENT
1;32SPF806934;060811ZJAN99;MANCON_3,AGCON_1,MANCON_4,MANCON_6;

Initial engagement times:

INF_H/B; 060803ZJAN99

HILLIFY; 060803ZJAN99

INF_H/P; 060804ZJAN99

INF_A2/P; 060804ZJAN99

INF_A1/P; 060805ZJAN99

SILK5; 060809ZJAN99

ENG; 060810ZJAN99

Cumulative losses:

CE_PRODUCT NORTH RD; No damage assessed.

CE_PRODUCT NOR BCH; No damage assessed.

TROOPS 1 WIA,

No changes in CDA since last report.

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ENG;32SPF806934;060811ZJAN99;MANCON_6;HAS TERMINATED ENGAGEMENT WITH HILLIFY
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060811ZJAN99;AGCON_1;HAS TERMINATED ENGAGEMENT WITH ENG

PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060811ZJAN99;AGCON_1;DETECTION AT 32SPF825890 HAS BEEN TEMPORARILY LOST, TRACK 7

, ID=INF_A2/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060811ZJAN99;AGCON_1;DETECTION AT 32SPF789936 HAS BEEN TEMPORARILY LOST, TRACK 8

, ID=INF_A1/P TROOPS 182; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A1/P;32SPF790941;060811ZJAN99;MANCON_4;DETECTION AT 32SPF842936 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=HILLIFY HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF835953;060811ZJAN99;AGCON_1;DETECTION AT 32SPF799923 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=INF_A1/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A1/P;32SPF790941;060811ZJAN99;MANCON_4;DETECTION AT 32SPF826971 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=SILK5 D-20 1; TROOPS 8;
PRINTED BY: mds007

;UNIT DESTINATION ;INF_A1/P;32SPF774947;060812ZJAN99;MANCON_4;HAVE REACHED ASSIGNED DESTINATION
PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060812ZJAN99;AGCON_1;DETECTION AT 32SPF773938 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF774946;060812ZJAN99;MANCON_6;DETECTION AT 32SPF843938 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=HILLIFY HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A2/P;32SPF813890;060812ZJAN99;MANCON_4;DETECTION AT 32SPF837933 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=HILLIFY HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF835953;060812ZJAN99;AGCON_1;DETECTION AT 32SPF783920 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF774946;060812ZJAN99;MANCON_6;DETECTION AT
32SPF827978 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=SILK5 D-20 1; TROOPS 8;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF726998;060812ZJAN99;MANCON_6;DETECTION AT
32SPF731742 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=LDVEH2 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060812ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_A2/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A2/P;32SPF813890;060812ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH HILLIFY
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060812ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_A1/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A1/P;32SPF774947;060812ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH HILLIFY
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;SILK5;32SPF835953;060812ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_A1/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A1/P;32SPF774947;060812ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH SILK5
PRINTED BY: mds007

;UNIT MOVE ;INF_A2/P;32SPF813890;060812ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060812ZJAN99
PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060812ZJAN99;AGCON_1;DETECTION AT
32SQF032874 HAS BEEN LOST, TRACK 3

, ID=SMC TROOPS 257;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF744755;060812ZJAN99;AGCON_1;DETECTION AT
32SPF799561 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=INF H/B TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF744755;060812ZJAN99;AGCON_1;DETECTION AT
32SPF946663 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=AAV2 AAV 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/B;32SPF842931;060812ZJAN99;MANCON_3;DETECTION AT 32SPG787124 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=SILK5 D-20 1; TROOPS 8;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;SILK5;32SPF744755;060813ZJAN99;AGCON_1;HAS TERMINATED ENGAGEMENT, NO LOS WITH INF_H/B
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/B;32SPF842931;060813ZJAN99;MANCON_3;HAS TERMINATED ENGAGEMENT, NO LOS WITH SILK5
PRINTED BY: mds007

;UNIT MOVE ;INF_H/P;32SPF837899;060813ZJAN99;MANCON_4;COMMENCING MOVEMENT at 060813ZJAN99
PRINTED BY: mds007

;VISUAL DETECT;TANK1;32SPF770886;060813ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED ENGINEER UNIT AT 32SPF790882, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT;TANK1;32SPF770886;060813ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF788882, TRACK 3

, ID=INF A2/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPF792881;060813ZJAN99;MANCON_6;HAVE DETECTED COMPANY SIZED TANK UNIT AT 32SPF773886, TRACK 4

, ID=TANK1 HMMWV-TOW 8; M1A1 14; TROOPS 8;
PRINTED BY: mds007

;VISUAL DETECT;INF_A2/P;32SPF790882;060813ZJAN99;MANCON_4;HAVE DETECTED COMPANY SIZED TANK UNIT AT 32SPF773886, TRACK 3

, ID=TANK1 HMMWV-TOW 8; M1A1 14; TROOPS 8;
PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060813ZJAN99;AGCON_1;DETECTION AT 32SPF836888 HAS BEEN TEMPORARILY LOST, TRACK 6

, ID=INF_H/P TROOPS 182;
PRINTED BY: mds007

;UNIT MOVE ;INF_A1/P;32SPF774947;060814ZJAN99;MANCON_4;COMMENCING MOVEMENT at 060814ZJAN99
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;HILLIFY;32SPF841931;060814ZJAN99;AGCON_1;HAS TERMINATED ENGAGEMENT, NO LOS WITH INF_H/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/P;32SPF821893;060814ZJAN99;MANCON_4;HAS TERMINATED ENGAGEMENT, NO LOS WITH HILLIFY
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;TANK1;32SPF770886;060814ZJAN99;AGCON_1;HAS
INITIATED ENGAGEMENT WITH ENG
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;INF_A2/P;32SPF774886;060814ZJAN99;MANCON_4;HAS
ASSUMED DEFENSIVE MISSION DUE TO CPR (0.36546<=2.00000)
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A2/P;32SPF774886;060814ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH TANK1
PRINTED BY: mds007

;AIR WPN LNCH;RCAS5;32SPF848978;060814ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS
REACHED STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;STATUS CHANGE;TANK1;32SPF770886;060814ZJAN99;AGCON_1; UNDER AIR ATTACK
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_RED;AIR_TO_SURFACE;32SPF770886;060814ZJAN99;MANCON_5;RCAS5;

UNIT TANK1; HMMWV-TOW 1 M_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;32SPF770886;060814ZJAN99;MANCON_6;RCAS5;

UNIT TANK1; HMMWV-TOW 1 M_KILLED,
PRINTED BY: mds007

;ASSESSMENT
REPORT;TANK1;AIR_TO_SURFACE;32SPF770886;060814ZJAN99;AGCON_1;RCAS5;

UNIT TANK1; HMMWV-TOW 1 M_KILLED,
PRINTED BY: mds007

;AIR WPN LNCH;RCAS6;32SPF848978;060814ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS
REACHED STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_RED;AIR_TO_SURFACE;32SPF770886;060814ZJAN99;MANCON_5;RCAS6;

UNIT TANK1; TROOPS 4 WIA, 1 KIA

UNIT TANK1; M1A1 1 M_KILLED, 2 F_KILLED
PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;32SPF770886;060814ZJAN99;MANCON_6;RCAS6;

UNIT TANK1; TROOPS 4 WIA, 1 KIA

UNIT TANK1; M1A1 1 M_KILLED, 2 F_KILLED
PRINTED BY: mds007

;ASSESSMENT
REPORT;TANK1;AIR_TO_SURFACE;32SPF770886;060814ZJAN99;AGCON_1;RCAS6;

UNIT TANK1; TROOPS 4 WIA, 1 KIA

UNIT TANK1; M1A1 1 M_KILLED, 2 F_KILLED

PRINTED BY: mds007

;VISUAL DETECT CHANGE;TANK1;32SPF770886;060814ZJAN99;AGCON_1;DETECTION AT
32SPF771886 IS A COMPANY SIZED INFANTRY UNIT, TRACK 3

, ID=INF A2/P TROOPS 182; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT;TANK2;32SPF783991;060814ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF778965, TRACK 2

, ID=INF A1/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT;INF A1/P;32SPF778963;060814ZJAN99;MANCON_4;HAVE DETECTED
COMPANY SIZED TANK UNIT AT 32SPF783990, TRACK 4

, ID=TANK2 HMMWV-TOW 8; M1A1 14; TROOPS 8;
PRINTED BY: mds007

;AIR WPN LNCH;RCAS7;32SPF848978;060815ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS
REACHED STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;STATUS CHANGE;TANK2;32SPF783991;060815ZJAN99;AGCON_1; UNDER AIR ATTACK
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_RED;AIR_TO_SURFACE;32SPF783991;060815ZJAN99;MANCON_5;RCAS7;

UNIT TANK2; TROOPS 7 WIA, 3 KIA

UNIT TANK2; M1A1 2 M_KILLED, 1 F_KILLED
PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;32SPF783991;060815ZJAN99;MANCON_6;RCAS7;

UNIT TANK2; TROOPS 7 WIA, 3 KIA

UNIT TANK2; M1A1 2 M_KILLED, 1 F_KILLED
PRINTED BY: mds007

;ASSESSMENT
REPORT;TANK2;AIR_TO_SURFACE;32SPF783991;060815ZJAN99;AGCON_1;RCAS7;

UNIT TANK2; TROOPS 7 WIA, 3 KIA

UNIT TANK2; M1A1 2 M_KILLED, 1 F_KILLED
PRINTED BY: mds007

;AIR WPN LNCH;RCAS8;32SPF848978;060815ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS
REACHED STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;UNIT MOUNT ;TANK2;32SPF783991;060815ZJAN99;AGCON_1;NOT ENOUGH OPERATORS TO
MEET REQUIREMENTS
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_RED;AIR_TO_SURFACE;32SPF783991;060815ZJAN99;MANCON_5;RCAS8;

UNIT TANK2; TROOPS 6 WIA, 2 KIA

UNIT TANK2; M1A1 1 K_KILLED, 1 M_KILLED, 1 F_KILLED
PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;32SPF783991;060815ZJAN99;MANCON_6;RCAS8;

UNIT TANK2; TROOPS 6 WIA, 2 KIA

UNIT TANK2; M1A1 1 K_KILLED, 1 M_KILLED, 1 F_KILLED
PRINTED BY: mds007

;ASSESSMENT
REPORT;TANK2;AIR_TO_SURFACE;32SPF783991;060815ZJAN99;AGCON_1;RCAS8;

UNIT TANK2; TROOPS 6 WIA, 2 KIA

UNIT TANK2; M1A1 1 K_KILLED, 1 M_KILLED, 1 F_KILLED
PRINTED BY: mds007

;OBJECT DETECT;INF_A1/P;32SPF781979;060815ZJAN99;MANCON_4;HAVE DETECTED BRIDGE
[% 0 DAMAGED] AT 32SPF738992;
PRINTED BY: mds007

;OBJECT DETECT;INF_A1/P;32SPF781979;060815ZJAN99;MANCON_4;HAVE DETECTED RIVER
AT 32SPF742979;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/P;32SPF806887;060815ZJAN99;MANCON_4;DETECTION AT
32SPF832937 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=HILLIFY HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK1;32SPF717763;060815ZJAN99;AGCON_1;DETECTION AT
32SPF855731 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK1;32SPF717763;060815ZJAN99;AGCON_1;DETECTION AT
32SPF852740 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=INF A2/P TROOPS 182; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF792881;060815ZJAN99;MANCON_6;DETECTION AT
32SPF655913 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=TANK1 HMMWV-TOW 8; M1A1 14; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF A2/P;32SPF774886;060815ZJAN99;MANCON_4;DETECTION AT
32SPF640909 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=TANK1 HMMWV-TOW 8; M1A1 14; TROOPS 4;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;TANK2;32SPF783991;060815ZJAN99;AGCON_1;HAS
INITIATED ENGAGEMENT WITH INF_A1/P
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;INF_A1/P;32SPF781979;060815ZJAN99;MANCON_4;HAS
ASSUMED DEFENSIVE MISSION DUE TO CPR (0.39168<=2.00000)
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A1/P;32SPF781979;060815ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH TANK2
PRINTED BY: mds007

;AIR RTE POINT;RCAS5;32SPG921064;060815ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;RCAS5;32SPG921064;060815ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED:
0
PRINTED BY: mds007

;AIR RTE POINT;RCAS6;32SPG921064;060815ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;RCAS6;32SPG921064;060815ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED:
0
PRINTED BY: mds007

;UNIT MOVE ;INF_A1/P;32SPF781979;060815ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060815ZJAN99
PRINTED BY: mds007

;AIR MSN LAUNCH;RCAS11;32SPG921064;060815ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;OBJECT DETECT;SILK4;32SPF863868;060815ZJAN99;AGCON_1;HAVE DETECTED STRUCTURE
AT 32SPF879851;
PRINTED BY: mds007

;VISUAL DETECT;SILK4;32SPF863868;060815ZJAN99;AGCON_1;HAVE DETECTED A SHIP AT-
32SPF877902, TRACK 2

, ID=AAAV1 AAV 1;
PRINTED BY: mds007

;OBJECT DETECT;MED3;32SPF781978;060815ZJAN99;MANCON_3;HAVE DETECTED RIVER AT
32SPF742979;
PRINTED BY: mds007

;OBJECT DETECT;INF_A1/P;32SPF784996;060815ZJAN99;MANCON_4;HAVE DETECTED BRIDGE
[% 0 DAMAGED] AT 32SPG740005;
PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK2;32SPF680763;060815ZJAN99;AGCON_1;DETECTION AT
32SPF620515 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=INF_A1/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A1/P;32SPF784996;060815ZJAN99;MANCON_4;DETECTION AT 32SPG844244 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=TANK2 HMMWV-TOW 8; M1A1 13;
PRINTED BY: mds007

;AIR MSN LAUNCH;RCAS12;32SPG921064;060815ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;RCAS13;32SPG921064;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;RCAS7;32SPG921064;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;RCAS7;32SPG921064;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR MSN LAUNCH;RCAS14;32SPG921064;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS LAUNCHED
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060816ZJAN99;MANCON_3;AIR TRACK BF (RCAS14) DETECTED AT 32SPG891029; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060816ZJAN99;MANCON_3;AIR TRACK BG (RCAS13) DETECTED AT 32SPG891029; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060816ZJAN99;MANCON_3;AIR TRACK BH (RCAS12) DETECTED AT 32SPG891029; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060816ZJAN99;MANCON_3;AIR TRACK BI (RCAS11) DETECTED AT 32SPF861994; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR RTE POINT;RCAS8;32SPG921064;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;RCAS8;32SPG921064;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR MSN LAUNCH;RCAS15;32SPG921064;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS LAUNCHED
PRINTED BY: mds007

;UNIT MOVE ;INF_A2/P;32SPF774886;060816ZJAN99;MANCON_4;COMMENCING MOVEMENT at 060816ZJAN99
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;ENG;32SPF768887;060816ZJAN99;MANCON_6;IS ENGAGED BY
TANK1
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;TANK1;32SPF717763;060816ZJAN99;AGCON_1;IS ENGAGED BY
INF A2/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;TANK1;32SPF717763;060816ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH ENG
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ENG;32SPF768887;060816ZJAN99;MANCON_6;HAS
TERMINATED ENGAGEMENT, NO LOS WITH TANK1
PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 2;32SPF717763;060816ZJAN99;AGCON_1,MANCON_4;
NO ASSESSMENT;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;TANK1;32SPF717763;060816ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_A2/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A2/P;32SPF758891;060816ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH TANK1
PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 3;32SPF784996;060816ZJAN99;MANCON_4,AGCON_1;
NO ASSESSMENT;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;TANK2;32SPF680763;060816ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_A1/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A1/P;32SPF784996;060816ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH TANK2
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;INF A1/P;32SPF784996;060816ZJAN99;MANCON_4;HAS
ASSUMED DEFENSIVE MISSION DUE TO CPR (0.39168<=2.00000)
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;INF A2/P;32SPF758891;060816ZJAN99;MANCON_4;HAS
ASSUMED DEFENSIVE MISSION DUE TO CPR (0.36644<=2.00000)
PRINTED BY: mds007

;AIR MSN LAUNCH;RCAS16;32SPG921064;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;RCAS17;32SPG921064;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;AIR MSN LAUNCH;RCAS18;32SPG921064;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;RCAS11;32SPF847978;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED ORBIT POINT
PRINTED BY: mds007

;AIR MSN LAUNCH;RCAS19;32SPG921064;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;RCAS12;32SPF847978;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED ORBIT POINT
PRINTED BY: mds007

;UNIT MOVE ;INF_H/P;32SPF774886;060816ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060816ZJAN99
PRINTED BY: mds007

;AIR MSN LAUNCH;RCAS20;32SPG921064;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS LAUNCHED
PRINTED BY: mds007

;AIR RTE POINT;RCAS13;32SPF847978;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED ORBIT POINT
PRINTED BY: mds007

;AIR RTE POINT;RCAS14;32SPF847978;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED ORBIT POINT
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060816ZJAN99;MANCON_3;AIR TRACK BJ (RCAS20)
DETECTED AT 32SPG891029; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060816ZJAN99;MANCON_3;AIR TRACK BK (RCAS19)
DETECTED AT 32SPG891029; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060816ZJAN99;MANCON_3;AIR TRACK BL (RCAS18)
DETECTED AT 32SPF861994; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060816ZJAN99;MANCON_3;AIR TRACK BM (RCAS17)
DETECTED AT 32SPF861994; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060816ZJAN99;MANCON_3;AIR TRACK BN (RCAS16)
DETECTED AT 32SPF859992; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR TRK DATA;LHA;32SPF962990;060816ZJAN99;MANCON_3;AIR TRACK BO (RCAS15)
DETECTED AT 32SPF861994; TRACK IS FRIENDLY
PRINTED BY: mds007

;AIR RTE POINT;RCAS15;32SPF847978;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED ORBIT POINT
PRINTED BY: mds007

;VISUAL DETECT;SOF;32SPF726995;060816ZJAN99;MANCON_6;HAVE DETECTED COMPANY
SIZED LIGHT_ARMOR UNIT AT 32SPG729012, TRACK 4

, ID=LDVEH3 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;

PRINTED BY: mds007

;AIR RTE POINT;RCAS16;32SPF847978;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED ORBIT POINT

PRINTED BY: mds007

;AIR RTE POINT;RCAS17;32SPF847978;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED ORBIT POINT

PRINTED BY: mds007

;AIR RTE POINT;RCAS18;32SPF847978;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED ORBIT POINT

PRINTED BY: mds007

;AIR RTE POINT;RCAS19;32SPF847978;060816ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED ORBIT POINT

PRINTED BY: mds007

;AIR RTE POINT;RCAS20;32SPF847978;060817ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED ORBIT POINT

PRINTED BY: mds007

;AIR WPN LNCH;GCAS3;32SPF732988;060817ZJAN99;MANCON_2;AIR MISSION HAS REACHED
STAND-OFF WEAPON LAUNCH POINT

PRINTED BY: mds007

;STATUS CHANGE;SILK4;32SPF863868;060817ZJAN99;AGCON_1; UNDER AIR ATTACK

PRINTED BY: mds007

;ASSESSMENT

REPORT;VF_GREEN;AIR_TO_SURFACE;32SPF863868;060817ZJAN99;MANCON_2;GCAS3;

UNIT SILK4; D-20 2 K_KILLED,

PRINTED BY: mds007

;ASSESSMENT REPORT;CG;AIR_TO_SURFACE;32SPF863868;060817ZJAN99;MANCON_2;GCAS3;

UNIT SILK4; D-20 2 K_KILLED,

PRINTED BY: mds007

;ASSESSMENT

REPORT;SILK4;AIR_TO_SURFACE;32SPF863868;060817ZJAN99;AGCON_1;GCAS3;

UNIT SILK4; D-20 2 K_KILLED,

PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 1;32SPF841931;060817ZJAN99;MANCON_3,AGCON_1;

Initial engagement times:

INF_H/B; 060803ZJAN99

HILLIFY; 060803ZJAN99

Cumulative losses:

UNIT INF_H/B; TROOPS 5 WIA, UNIT AGSUP; No damage assessed. UNIT AGSUP; No
damage assessed.

UNIT HILLIFY; TROOPS 1 WIA,

Incremental losses (increases since the last report)

UNIT INF_H/B; TROOPS 5 WIA,

PRINTED BY: mds007

;UNIT MOVE ;INF_H/P;32SPF749894;060818ZJAN99;MANCON_4;COMMENCING MOVEMENT at 060818ZJAN99

PRINTED BY: mds007

;AIR RTE POINT;GCAS3;32SPG906036;060818ZJAN99;MANCON_2;AIR MISSION HAS REACHED FINAL LAND POINT

PRINTED BY: mds007

;AIRCRAFT STAT;GCAS3;32SPG906036;060818ZJAN99;MANCON_2;AIR MISSION HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0

PRINTED BY: mds007

;VISUAL DETECT;AGSUP;32SPF728830;060818ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED ENGINEER UNIT AT 32SPF726862, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;

PRINTED BY: mds007

;VISUAL DETECT;AGAIR;32SPF728830;060818ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED ENGINEER UNIT AT 32SPF726861, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;

PRINTED BY: mds007

;OBJECT DETECT;ENG;32SPF725864;060818ZJAN99;MANCON_6;HAVE DETECTED STRUCTURE AT 32SPF728833;

PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPF725864;060818ZJAN99;MANCON_6;HAVE DETECTED SQUADRON SIZED AVIATION UNIT AT 32SPF728833, TRACK 5

, ID=AGAIR

PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPF725864;060818ZJAN99;MANCON_6;HAVE DETECTED COMPANY SIZED SUPPLY UNIT AT 32SPF728832, TRACK 6

, ID=AGSUP

PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060818ZJAN99;AGCON_1;DETECTION AT 32SQF009912 HAS BEEN LOST, TRACK 9

, ID=MED1 TRAILER-WATER-300G 3; 5.0-TRUCK 3; HMMWV-AMBUL 9; HMMWV 3; TROOPS 201; .50CAL-MG 1;

PRINTED BY: mds007

;VISUAL DETECT STATUS;MED1;32SPG977030;060818ZJAN99;MANCON_3;DETECTION AT 32SPG810048 HAS BEEN LOST, TRACK 2

, ID=HILLIFY HMMWV-40MM-MG 1; TROOPS 2;

PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK4;32SPF704765;060818ZJAN99;AGCON_1;DETECTION AT
32SPF787970 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=AAAV1 AAV 1;
PRINTED BY: mds007

;UNIT MOVE ;INF_A1/P;32SPF784996;060818ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060818ZJAN99
PRINTED BY: mds007

;AIR WPN LNCH;RCAS9;32SPF818942;060818ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS
REACHED STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT REPORT;VF_RED;AIR_TO_SURFACE;32SPF818942;060818ZJAN99;MANCON_5;
NO ASSESSMENT; Msn# RCAS9

PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;32SPF818942;060818ZJAN99;MANCON_6;
NO ASSESSMENT; Msn# RCAS9

PRINTED BY: mds007

;UNIT MOVE ;INF_A1/P;32SPF775981;060818ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060818ZJAN99
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF726994;060818ZJAN99;MANCON_6;DETECTION AT
32SPG774255 HAS BEEN LOST, TRACK 2

, ID=LDVEH1 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF726994;060818ZJAN99;MANCON_6;DETECTION AT
32SPG778248 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=LDVEH3 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;VISUAL DETECT STATUS;AGSUP;32SPF728830;060818ZJAN99;AGCON_1;DETECTION AT
32SPG713006 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;AGAIR;32SPF728830;060818ZJAN99;AGCON_1;DETECTION AT
32SPG713006 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF782998;060818ZJAN99;MANCON_6;DETECTION AT
32SPF798822 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=AGAIR
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF782998;060818ZJAN99;MANCON_6;DETECTION AT
32SPF798822 HAS BEEN TEMPORARILY LOST, TRACK 6

, ID=AGSUP
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;INF_A1/P;32SPF781997;060819ZJAN99;MANCON_4;HAS
ASSUMED DEFENSIVE MISSION DUE TO CPR (0.39168<=2.00000)
PRINTED BY: mds007

;UNIT MOVE ;INF_A2/P;32SPF758891;060819ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060819ZJAN99
PRINTED BY: mds007

;AIR RTE POINT;RCAS9;32SPG906036;060819ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;RCAS9;32SPG906036;060819ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED:
0
PRINTED BY: mds007

;UNIT MOVE ;INF_H/P;32SPF739897;060820ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060820ZJAN99
PRINTED BY: mds007

;AIR WPN LNCH;GCAS4;32SPG697020;060820ZJAN99;MANCON_2;AIR MISSION HAS REACHED
STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;STATUS CHANGE;SILK3;32SPF822979;060820ZJAN99;AGCON_1; UNDER AIR ATTACK
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_GREEN;AIR_TO_SURFACE;32SPF822979;060820ZJAN99;MANCON_2;GCAS4;

UNIT SILK3; D-20 1 K_KILLED, 1 F_KILLED
PRINTED BY: mds007

;ASSESSMENT REPORT;CG;AIR_TO_SURFACE;32SPF822979;060820ZJAN99;MANCON_2;GCAS4;

UNIT SILK3; D-20 1 K_KILLED, 1 F_KILLED
PRINTED BY: mds007

;ASSESSMENT
REPORT;SILK3;AIR_TO_SURFACE;32SPF822979;060820ZJAN99;AGCON_1;GCAS4;

UNIT SILK3; D-20 1 K_KILLED, 1 F_KILLED
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;INF_A2/P;32SPF742896;060820ZJAN99;MANCON_4;HAS
ASSUMED DEFENSIVE MISSION DUE TO CPR (0.36644<=2.00000)
PRINTED BY: mds007

;UNIT MOVE ;INF_H/P;32SPF726902;060820ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060820ZJAN99
PRINTED BY: mds007

;VISUAL DETECT;SOF;32SPF725993;060820ZJAN99;MANCON_6;HAVE DETECTED COMPANY
SIZED LIGHT_ARMOR UNIT AT 32SPF727982, TRACK 5

, ID=LDVEH1 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;OBJECT DETECT;INF H/P;32SPF726876;060820ZJAN99;MANCON_4;HAVE DETECTED
STRUCTURE AT 32SPF728833;
PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060820ZJAN99;AGCON_1;DETECTION AT
32SPF825890 HAS BEEN LOST, TRACK 7

, ID=INF_A2/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060820ZJAN99;AGCON_1;DETECTION AT
32SPF789936 HAS BEEN LOST, TRACK 8

, ID=INF_A1/P TROOPS 182; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A1/P;32SPF781997;060820ZJAN99;MANCON_4;DETECTION AT
32SPF833992 HAS BEEN LOST, TRACK 2

, ID=HILLIFY HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF744755;060820ZJAN99;AGCON_1;DETECTION AT
32SPF708725 HAS BEEN LOST, TRACK 2

, ID=INF_A1/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A1/P;32SPF781997;060820ZJAN99;MANCON_4;DETECTION AT
32SPG817027 HAS BEEN LOST, TRACK 3

, ID=SILK5 D-20 1; TROOPS 8;
PRINTED BY: mds007

;AIR RTE POINT;GCAS4;32SPG906036;060820ZJAN99;MANCON_2;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;GCAS4;32SPG906036;060820ZJAN99;MANCON_2;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;UNIT MOVE ;INF_A2/P;32SPF742896;060821ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060821ZJAN99
PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060821ZJAN99;AGCON_1;DETECTION AT
32SPF773938 HAS BEEN LOST, TRACK 5

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;

PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF782998;060821ZJAN99;MANCON_6;DETECTION AT
32SPF851991 HAS BEEN LOST, TRACK 2

, ID=HILLIFY HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A2/P;32SPF724903;060821ZJAN99;MANCON_4;DETECTION AT
32SPF747946 HAS BEEN LOST, TRACK 2

, ID=HILLIFY HMMWV-40MM-MG 1; TROOPS 2;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF744755;060821ZJAN99;AGCON_1;DETECTION AT
32SPF692722 HAS BEEN LOST, TRACK 5

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF782998;060821ZJAN99;MANCON_6;DETECTION AT
32SPG835031 HAS BEEN LOST, TRACK 3

, ID=SILK5 D-20 1; TROOPS 8;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF725993;060821ZJAN99;MANCON_6;DETECTION AT
32SPF730738 HAS BEEN LOST, TRACK 3

, ID=LDVEH2 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;UNIT BARRIER STATUS;INF_H/B;32SPF842931;060821ZJAN99;MANCON_3;WITHIN BARRIER
MOUNTAIN NAMED HILL
PRINTED BY: mds007

;UNIT MOVE ;INF_H/B;32SPF842931;060821ZJAN99;MANCON_3;COMMENCING MOVEMENT at
060821ZJAN99
PRINTED BY: mds007

;UNIT DESTINATION ;INF_H/B;32SPF840931;060821ZJAN99;MANCON_3;HAVE REACHED
ASSIGNED DESTINATION
PRINTED BY: mds007

;VISUAL DETECT;AGSUP;32SPF728830;060822ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF728841, TRACK 3

, ID=INF H/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT;AGAIR;32SPF728830;060822ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED INFANTRY UNIT AT 32SPF728841, TRACK 3

, ID=INF H/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT;AGAIR;32SPF728830;060822ZJAN99;AGCON_1;HAVE DETECTED SECTION
SIZED INFANTRY UNIT AT 32SPF725871, TRACK 4

, ID=INF_A2/P

PRINTED BY: mds007

;VISUAL DETECT;SILK5;32SPF714839;060822ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF727845, TRACK 6

, ID=INF H/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT;SILK5;32SPF714839;060822ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF724873, TRACK 7

, ID=INF A2/P
PRINTED BY: mds007

;VISUAL DETECT;INF H/P;32SPF729845;060822ZJAN99;MANCON_4;HAVE DETECTED SQUADRON SIZED AVIATION UNIT AT 32SPF728834, TRACK 3

, ID=AGAIR TROOPS 267;
PRINTED BY: mds007

;VISUAL DETECT;INF H/P;32SPF729845;060822ZJAN99;MANCON_4;HAVE DETECTED COMPANY SIZED SUPPLY UNIT AT 32SPF728834, TRACK 4

, ID=AGSUP TROOPS 180;
PRINTED BY: mds007

;VISUAL DETECT;INF H/P;32SPF729845;060822ZJAN99;MANCON_4;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPF716840, TRACK 5

, ID=SILK5 D-20 1; TROOPS 8;
PRINTED BY: mds007

;VISUAL DETECT;INF A2/P;32SPF725876;060822ZJAN99;MANCON_4;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPF715842, TRACK 4

, ID=SILK5 D-20 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF714839;060822ZJAN99;AGCON_1;DETECTION AT 32SPF769646 HAS BEEN LOST, TRACK 3

, ID=INF H/B TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF714839;060822ZJAN99;AGCON_1;DETECTION AT 32SPF916748 HAS BEEN LOST, TRACK 4

, ID=AAV2 AAV 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF H/B;32SPF840931;060822ZJAN99;MANCON_3;DETECTION AT 32SPG786124 HAS BEEN LOST, TRACK 3

, ID=SILK5 D-20 1; TROOPS 8;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF725992;060822ZJAN99;MANCON_6;DETECTION AT 32SPF769748 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=LDVEH1 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS 63;

PRINTED BY: mds007

;VISUAL DETECT;AGSUP;32SPF728830;060823ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPF728842, TRACK 4

, ID=INF A2/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGAIR;32SPF728830;060823ZJAN99;AGCON_1;DETECTION AT 32SPF728841 IS A COMPANY SIZED INFANTRY UNIT, TRACK 4

, ID=INF A2/P TROOPS 182;
PRINTED BY: mds007

;OBJECT DETECT;SILK4;32SPG817041;060823ZJAN99;AGCON_1;HAVE DETECTED ANTI_PERSONNEL Minefield [% 0 DAMAGED] AT 32SPG816049;
PRINTED BY: mds007

;OBJECT DETECT;SILK4;32SPG817041;060823ZJAN99;AGCON_1;HAVE DETECTED STRUCTURE AT 32SPG804064;
PRINTED BY: mds007

;OBJECT DETECT;SILK4;32SPG817041;060823ZJAN99;AGCON_1;HAVE DETECTED STRUCTURE AT 32SPG820051;
PRINTED BY: mds007

;VISUAL DETECT;SILK4;32SPG817041;060823ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED ENGINEER UNIT AT 32SPG795040, TRACK 3

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT;SILK4;32SPG817041;060823ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED INFANTRY UNIT AT 32SPG793037, TRACK 4

, ID=INF A1/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;SILK5;32SPF714839;060823ZJAN99;AGCON_1;DETECTION AT 32SPF726845 IS A COMPANY SIZED INFANTRY UNIT, TRACK 7

, ID=INF A2/P TROOPS 182;
PRINTED BY: mds007

;OBJECT DETECT;ENG;32SPG793041;060823ZJAN99;MANCON_6;HAVE DETECTED STRUCTURE AT 32SPG803064;
PRINTED BY: mds007

;OBJECT DETECT;ENG;32SPG793041;060823ZJAN99;MANCON_6;HAVE DETECTED STRUCTURE AT 32SPG820051;
PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPG793041;060823ZJAN99;MANCON_6;HAVE DETECTED SECTION SIZED ARTILLERY UNIT AT 32SPG816040, TRACK 7

, ID=SILK4 TROOPS 8;
PRINTED BY: mds007

;OBJECT DETECT;INF A1/P;32SPG791036;060823ZJAN99;MANCON_4;HAVE DETECTED STRUCTURE AT 32SPG803064;
PRINTED BY: mds007

;OBJECT DETECT;INF_A1/P;32SPG791036;060823ZJAN99;MANCON_4;HAVE DETECTED
STRUCTURE AT 32SPG820051;
PRINTED BY: mds007

;VISUAL DETECT;INF_A1/P;32SPG791036;060823ZJAN99;MANCON_4;HAVE DETECTED
SECTION SIZED ARTILLERY UNIT AT 32SPG816040, TRACK 5

, ID=SILK4 TROOPS 8;
PRINTED BY: mds007

;VISUAL DETECT;INF_A2/P;32SPF728845;060823ZJAN99;MANCON_4;HAVE DETECTED
SQUADRON SIZED AVIATION UNIT AT 32SPF728834, TRACK 5

, ID=AGAIR TROOPS 267;
PRINTED BY: mds007

;VISUAL DETECT;INF_A2/P;32SPF728845;060823ZJAN99;MANCON_4;HAVE DETECTED
COMPANY SIZED SUPPLY UNIT AT 32SPF728833, TRACK 6

, ID=AGSUP TROOPS 180;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;INF_A2/P;32SPF728845;060823ZJAN99;MANCON_4;DETECTION AT
32SPF716840 IS A SECTION SIZED ARTILLERY UNIT, TRACK 4

, ID=SILK5 D-20 1; TROOPS 8;
PRINTED BY: mds007

;VISUAL DETECT STATUS;HILLIFY;32SPF841931;060823ZJAN99;AGCON_1;DETECTION AT
32SPF836888 HAS BEEN LOST, TRACK 6

, ID=INF H/P TROOPS 182;
PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 1;32SPF841931;060823ZJAN99;MANCON_3,AGCON_1;

Initial engagement times:

INF_H/B; 060803ZJAN99

HILLIFY; 060803ZJAN99

Cumulative losses:

UNIT INF_H/B; TROOPS 13 WIA, UNIT AGSUP; No damage assessed. UNIT AGSUP; No
damage assessed.

UNIT HILLIFY; TROOPS 1 WIA,

Incremental losses (increases since the last report)

UNIT INF_H/B; TROOPS 8 WIA,

PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;AGSUP;32SPF728830;060823ZJAN99;AGCON_1;HAS ASSUMED
WITHDRAW MISSION DUE TO CPR (0.00000<=0.17000)
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;SILK5;32SPF714839;060823ZJAN99;AGCON_1;HAS ASSUMED
WITHDRAW MISSION DUE TO CPR (0.00000<=0.17000)
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/P;32SPF729845;060823ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH AGAIR
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/P;32SPF729845;060823ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH AGSUP
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/P;32SPF729845;060823ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH SILK5
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A1/P;32SPG791036;060823ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH SILK4
PRINTED BY: mds007

;UNIT MOVE ;AGSUP;32SPF728830;060823ZJAN99;AGCON_1;COMMENCING MOVEMENT at
060823ZJAN99
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A2/P;32SPF728845;060823ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH SILK5
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A2/P;32SPF728845;060823ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH AGAIR
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A2/P;32SPF728845;060823ZJAN99;MANCON_4;HAS
INITIATED ENGAGEMENT WITH AGSUP
PRINTED BY: mds007

;UNIT MOVE ;SILK5;32SPF714839;060823ZJAN99;AGCON_1;TOWING REQUIREMENTS NOT MET
PRINTED BY: mds007

;AIR WPN LNCH;RCAS10;32SPF847978;060823ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT REPORT;VF_RED;AIR_TO_SURFACE;32SPF847978;060823ZJAN99;MANCON_5;

NO ASSESSMENT; Msn# RCAS10

PRINTED BY: mds007

;ASSESSMENT REPORT;SOF;AIR_TO_SURFACE;32SPF847978;060823ZJAN99;MANCON_6;

NO ASSESSMENT; Msn# RCAS10

PRINTED BY: mds007

;UNIT MOVE ;INF_H/P;32SPF729845;060823ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060823ZJAN99

PRINTED BY: mds007

;UNIT DESTINATION ;INF_H/P;32SPF728830;060823ZJAN99;MANCON_4;HAVE REACHED
ASSIGNED DESTINATION
PRINTED BY: mds007

;UNIT MOVE ;INF_A1/P;32SPG791036;060823ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060823ZJAN99
PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGSUP;32SPF728829;060823ZJAN99;AGCON_1;DETECTION AT
32SPF728830 IS A COMPANY SIZED INFANTRY UNIT, TRACK 3

, ID=INF_H/P TROOPS 182; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGAIR;32SPF728830;060823ZJAN99;AGCON_1;DETECTION AT
32SPF728830 IS A COMPANY SIZED INFANTRY UNIT, TRACK 3

, ID=INF_H/P TROOPS 182; AT4-US 9; 60MM-MTR 3; M-16 132; SAW 27; M-203 27;
M240-MG 6; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;SILK4;32SPG817041;060823ZJAN99;AGCON_1;DETECTION AT
32SPG809046 IS A COMPANY SIZED ENGINEER UNIT, TRACK 3

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82; SMAW 9;
PRINTED BY: mds007

;OBJECT DETECT;ENG;32SPG807046;060823ZJAN99;MANCON_6;HAVE DETECTED
ANTI PERSONNEL Minefield [% 0 DAMAGED] AT 32SPG814049;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;INF_H/P;32SPF728830;060823ZJAN99;MANCON_4;DETECTION AT
32SPF728830 IS A SQUADRON SIZED AIR_SQUADRON UNIT, TRACK 3

, ID=AGAIR TROOPS 267; M-16 219;
PRINTED BY: mds007

;AIR RTE POINT;RCAS10;32SPG906036;060823ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;RCAS10;32SPG906036;060823ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED:
0
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGAIR;32SPF728830;060824ZJAN99;AGCON_1;HAS
INITIATED ENGAGEMENT WITH INF_H/P
PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;SILK4;32SPG817041;060824ZJAN99;AGCON_1;HAS ASSUMED
WITHDRAW MISSION DUE TO CPR (0.00000<=0.17000)
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ENG;32SPG807046;060824ZJAN99;MANCON_6;HAS INITIATED
ENGAGEMENT WITH SILK4
PRINTED BY: mds007

;UNIT MOVE ;SILK4;32SPG817041;060824ZJAN99;AGCON_1;TOWING REQUIREMENTS NOT MET
PRINTED BY: mds007

;AIR WPN LNCH;GCAS5;32SPG697020;060824ZJAN99;MANCON_2;AIR MISSION HAS REACHED
STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;STATUS CHANGE;SILK5;32SPF714839;060824ZJAN99;AGCON_1; UNDER AIR ATTACK
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_GREEN;AIR_TO_SURFACE;32SPF714839;060824ZJAN99;MANCON_2;GCAS5;

UNIT SILK5; D-20 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT REPORT;CG;AIR_TO_SURFACE;32SPF714839;060824ZJAN99;MANCON_2;GCAS5;

UNIT SILK5; D-20 1 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT
REPORT;SILK5;AIR_TO_SURFACE;32SPF714839;060824ZJAN99;AGCON_1;GCAS5;

UNIT SILK5; D-20 1 K_KILLED,
PRINTED BY: mds007

;VISUAL DETECT;LDVEH2;32SPG729015;060824ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED ENGINEER UNIT AT 32SPF748999, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT;LDVEH3;32SPF725977;060824ZJAN99;AGCON_1;HAVE DETECTED COMPANY
SIZED ENGINEER UNIT AT 32SPF748996, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT;SOF;32SPF725991;060824ZJAN99;MANCON_6;HAVE DETECTED COMPANY
SIZED LIGHT_ARMOR UNIT AT 32SPG729013, TRACK 6

, ID=LDVEH2 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPF750997;060824ZJAN99;MANCON_6;HAVE DETECTED COMPANY
SIZED LIGHT_ARMOR UNIT AT 32SPF728979, TRACK 8

, ID=LDVEH3 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;VISUAL DETECT;ENG;32SPF750997;060824ZJAN99;MANCON_6;HAVE DETECTED COMPANY
SIZED LIGHT_ARMOR UNIT AT 32SPG732013, TRACK 9

, ID=LDVEH2 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/P;32SPF728830;060824ZJAN99;MANCON_4;DETECTION AT
32SPF755879 HAS BEEN LOST, TRACK 2

, ID=HILLIFY HMMWV-40MM-MG 1; TROOPS 2;

PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK1;32SPF717763;060824ZJAN99;AGCON_1;DETECTION AT
32SPF855731 HAS BEEN LOST, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK1;32SPF717763;060824ZJAN99;AGCON_1;DETECTION AT
32SPF852740 HAS BEEN LOST, TRACK 3

, ID=INF A2/P TROOPS 182; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF750997;060824ZJAN99;MANCON_6;DETECTION AT
32SPG613029 HAS BEEN LOST, TRACK 4

, ID=TANK1 HMMWV-TOW 8; M1A1 14; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF A2/P;32SPF728845;060824ZJAN99;MANCON_4;DETECTION AT
32SPF593868 HAS BEEN LOST, TRACK 3

, ID=TANK1 HMMWV-TOW 8; M1A1 14; TROOPS 4;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK4;32SPG817041;060824ZJAN99;AGCON_1;DETECTION AT
32SPG749081 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82; SMAW 9;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF750997;060824ZJAN99;MANCON_6;DETECTION AT
32SPF819956 HAS BEEN TEMPORARILY LOST, TRACK 7

, ID=SILK4 TROOPS 8;
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;AGAIR;32SPF728830;060825ZJAN99;AGCON_1;IS ENGAGED BY
INF A2/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;AGSUP;32SPF728829;060825ZJAN99;AGCON_1;IS ENGAGED BY
INF H/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;AGSUP;32SPF728829;060825ZJAN99;AGCON_1;IS ENGAGED BY
INF A2/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;SILK5;32SPF714839;060825ZJAN99;AGCON_1;IS ENGAGED BY
INF H/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;SILK5;32SPF714839;060825ZJAN99;AGCON_1;IS ENGAGED BY
INF A2/P
PRINTED BY: mds007

;UNIT CASUALTY LIMIT ;AGSUP;32SPF728829;060825ZJAN99;AGCON_1;HAS REACHED
EFFECTIVE CASUALTY LIMIT
PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 4;32SPF728845;060825ZJAN99;AGCON_1,MANCON_4;

Initial engagement times:

AGAIR; 060824ZJAN99

INF_H/P; 060823ZJAN99

AGSUP; 060823ZJAN99

SILK5; 060823ZJAN99

INF_A2/P; 060823ZJAN99

Cumulative losses:

UNIT AGAIR; TROOPS 37 WIA,

UNIT SILK5; TROOPS 2 WIA,

UNIT AGSUP; TROOPS 125 WIA, 11 KIA

UNIT INF_H/P; TROOPS 60 WIA,

Incremental losses (increases since the last report)

UNIT INF_H/P; TROOPS 60 WIA,

UNIT AGSUP; TROOPS 125 WIA, 11 KIA

UNIT AGAIR; TROOPS 37 WIA,

UNIT SILK5; TROOPS 2 WIA,

PRINTED BY: mds007

;UNIT MOVE ;AGSUP;32SPF728829;060825ZJAN99;AGCON_1;NOT ENOUGH TROOPS FOR
MOVEMENT

PRINTED BY: mds007

;UNIT MOVE ;INF_A2/P;32SPF728845;060825ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060825ZJAN99

PRINTED BY: mds007

;UNIT DESTINATION ;INF_A2/P;32SPF727830;060825ZJAN99;MANCON_4;HAVE REACHED
ASSIGNED DESTINATION

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;SILK4;32SPG817041;060825ZJAN99;AGCON_1;IS ENGAGED BY
INF A1/P

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;SILK4;32SPG817041;060825ZJAN99;AGCON_1;IS ENGAGED BY
ENG

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;SILK4;32SPG817041;060825ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH ENG

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ENG;32SPF750997;060825ZJAN99;MANCON_6;HAS
TERMINATED ENGAGEMENT, NO LOS WITH SILK4
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;LDVEH2;32SPG729015;060825ZJAN99;AGCON_1;HAS
INITIATED ENGAGEMENT WITH ENG
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;LDVEH3;32SPF725977;060825ZJAN99;AGCON_1;HAS
INITIATED ENGAGEMENT WITH ENG
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ENG;32SPF750997;060825ZJAN99;MANCON_6;HAS
TERMINATED ENGAGEMENT, NO LOS WITH SILK4
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;SILK4;32SPG817041;060825ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH ENG
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;ENG;32SPF750997;060825ZJAN99;MANCON_6;IS ENGAGED BY
LDVEH2
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE;ENG;32SPF750997;060825ZJAN99;MANCON_6;IS ENGAGED BY
LDVEH3
PRINTED BY: mds007

;REPORT; GROUND ENGAGEMENT
5;32SPF725977;060825ZJAN99;AGCON_1,MANCON_4,MANCON_6;

Initial engagement times:

SILK4; 060824ZJAN99

INF_A1/P; 060823ZJAN99

ENG; 060824ZJAN99

LDVEH2; 060825ZJAN99

LDVEH3; 060825ZJAN99

Cumulative losses:

UNIT SILK4; TROOPS 1 WIA, UNIT AGSUP; No damage assessed.

Incremental losses (increases since the last report)

UNIT SILK4; TROOPS 1 WIA,

PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGSUP;32SPF728829;060825ZJAN99;AGCON_1;DETECTION AT
32SPF728829 IS A COMPANY SIZED INFANTRY UNIT, TRACK 4

, ID=INF A2/P TROOPS 182; AT4-US 9; 60MM-MTR 3; M-16 132; SAW 27; M-203 27;
M240-MG 6; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGAIR;32SPF728830;060825ZJAN99;AGCON_1;DETECTION AT
32SPF728830 IS A COMPANY SIZED INFANTRY UNIT, TRACK 4

, ID=INF A2/P TROOPS 182; AT4-US 9; 60MM-MTR 3; M-16 132; SAW 27; M-203 27;
M240-MG 6; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT CHANGE;INF_A2/P;32SPF727830;060825ZJAN99;MANCON_4;DETECTION AT
32SPF727830 IS A SQUADRON SIZED AIR_SQUADRON UNIT, TRACK 5

, ID=AGAIR TROOPS 244; M-16 219;
PRINTED BY: mds007

;VISUAL DETECT STATUS;TANK2;32SPF680763;060825ZJAN99;AGCON_1;DETECTION AT
32SPF620515 HAS BEEN LOST, TRACK 2

, ID=INF A1/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A1/P;32SPG806045;060825ZJAN99;MANCON_4;DETECTION AT
32SPG866293 HAS BEEN LOST, TRACK 4

, ID=TANK2 HMMWV-TOW 8; M1A1 13;
PRINTED BY: mds007

;AIR RTE POINT;AA86;32SPF625617;060825ZJAN99;AGCON_1;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;AA86;32SPF625617;060825ZJAN99;AGCON_1;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR RTE POINT;GCAS5;32SPG906036;060825ZJAN99;MANCON_2;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;GCAS5;32SPG906036;060825ZJAN99;MANCON_2;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR WPN LNCH;RCAS11;32SPF847978;060825ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;STATUS CHANGE;LDVEH3;32SPF725977;060825ZJAN99;AGCON_1; UNDER AIR ATTACK
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_RED;AIR_TO_SURFACE;32SPF725977;060825ZJAN99;MANCON_5;RCAS11;

UNIT LDVEH3; TROOPS 12 WIA, 4 KIA

UNIT LDVEH3; LAV-MTR 2 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT
REPORT;SOF;AIR_TO_SURFACE;32SPF725977;060825ZJAN99;MANCON_6;RCAS11;

UNIT LDVEH3; TROOPS 12 WIA, 4 KIA

UNIT LDVEH3; LAV-MTR 2 K_KILLED,
PRINTED BY: mds007

;ASSESSMENT

REPORT;LDVEH3;AIR_TO_SURFACE;32SPF725977;060825ZJAN99;AGCON_1;RCAS11;

UNIT LDVEH3; TROOPS 12 WIA, 4 KIA

UNIT LDVEH3; LAV-MTR 2 K_KILLED,
PRINTED BY: mds007

;UNIT BARRIER STATUS;INF_H/B;32SPF840931;060825ZJAN99;MANCON_3;WITHIN BARRIER
MOUNTAIN NAMED HILL

PRINTED BY: mds007

;UNIT MOVE ;INF_H/B;32SPF840931;060825ZJAN99;MANCON_3;COMMENCING MOVEMENT at
060825ZJAN99

PRINTED BY: mds007

;AIR RTE POINT;GCAS20;32SPG817041;060825ZJAN99;MANCON_2;AIR MISSION HAS
REACHED ATTACK POINT

PRINTED BY: mds007

;STATUS CHANGE;SILK4;32SPG817041;060825ZJAN99;AGCON_1; RECEIVING AIR-TO-
SURFACE FIRE

PRINTED BY: mds007

;ASSESSMENT

REPORT;VF_GREEN;AIR_TO_SURFACE;31NAA661000;060825ZJAN99;MANCON_2;GCAS20;

CE_PRODUCT NORTH RD; No damage assessed.

TROOPS 1 WIA,

PRINTED BY: mds007

;ASSESSMENT REPORT;CG;AIR_TO_SURFACE;31NAA661000;060825ZJAN99;MANCON_2;GCAS20;

CE_PRODUCT NORTH RD; No damage assessed.

TROOPS 1 WIA,

PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGAIR1;32SPF602645;060826ZJAN99;AGCON_1;DETECTION AT
32SPF623620 IS A SQUADRON SIZED AIR_SQUADRON UNIT, TRACK 2

, ID=COMAIR BOEING-747 48;

PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF717752;060826ZJAN99;AGCON_1;DETECTION AT
32SPF781707 HAS BEEN TEMPORARILY LOST, TRACK 6

, ID=INF_H/P TROOPS 142;

PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK5;32SPF717752;060826ZJAN99;AGCON_1;DETECTION AT
32SPF779705 HAS BEEN TEMPORARILY LOST, TRACK 7

, ID=INF_A2/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/P;32SPF728830;060826ZJAN99;MANCON_4;DETECTION AT
32SPF665875 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=SILK5 TROOPS 7;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A2/P;32SPF727830;060826ZJAN99;MANCON_4;DETECTION AT
32SPF666877 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=SILK5 TROOPS 7;
PRINTED BY: mds007

;AIR WPN LNCH;RCAS12;32SPF847978;060826ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT
REPORT;VF_RED;AIR_TO_SURFACE;31NAA661000;060826ZJAN99;MANCON_5;RCAS12;

CE PRODUCT BR2; CE Product damage level increased 99 percent.
PRINTED BY: mds007

;ASSESSMENT
REPORT;SOF;AIR_TO_SURFACE;31NAA661000;060826ZJAN99;MANCON_6;RCAS12;

CE PRODUCT BR2; CE Product damage level increased 99 percent.
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;SILK5;32SPF717752;060826ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_H/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/P;32SPF728830;060826ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH SILK5
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;SILK5;32SPF717752;060826ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_A2/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A2/P;32SPF727830;060826ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH SILK5
PRINTED BY: mds007

;AIR RTE POINT;GCAS20;32SPG906036;060826ZJAN99;MANCON_2;AIR MISSION HAS
REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;GCAS20;32SPG906036;060826ZJAN99;MANCON_2;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;AIR RTE POINT;RCAS11;32SPG906036;060826ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS REACHED FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;RCAS11;32SPG906036;060826ZJAN99;MANCON_5,MANCON_6;AIR MISSION
HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED:
0
PRINTED BY: mds007

;AIR WPN LNCH;GCAS6;32SPG697020;060826ZJAN99;MANCON_2;AIR MISSION HAS REACHED
STAND-OFF WEAPON LAUNCH POINT
PRINTED BY: mds007

;ASSESSMENT REPORT;VF_GREEN;AIR_TO_SURFACE;32SPG697020;060826ZJAN99;MANCON_2;
NO ASSESSMENT; Msn# GCAS6

PRINTED BY: mds007

;ASSESSMENT REPORT;CG;AIR_TO_SURFACE;32SPG697020;060826ZJAN99;MANCON_2;
NO ASSESSMENT; Msn# GCAS6

PRINTED BY: mds007

;UNIT MOVE ;INF_A2/P;32SPF727830;060826ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060826ZJAN99
PRINTED BY: mds007

;UNIT DESTINATION ;INF_A2/P;32SPF727829;060826ZJAN99;MANCON_4;HAVE REACHED
ASSIGNED DESTINATION
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF725991;060826ZJAN99;MANCON_6;DETECTION AT
32SPF736747 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=LDVEH3 LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS 67;
PRINTED BY: mds007

;VISUAL DETECT STATUS;LDVEH2;32SPF692748;060826ZJAN99;AGCON_1;DETECTION AT
32SPF804526 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT STATUS;LDVEH3;32SPF692748;060826ZJAN99;AGCON_1;DETECTION AT
32SPF869925 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; ACE 4; HMMWV 9; SEE 2; TROOPS 82;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SOF;32SPF725991;060826ZJAN99;MANCON_6;DETECTION AT
32SPG772230 HAS BEEN TEMPORARILY LOST, TRACK 6

, ID=LDVEH2 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS
63;
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF740993;060826ZJAN99;MANCON_6;DETECTION AT
32SPF564816 HAS BEEN TEMPORARILY LOST, TRACK 8

, ID=LDVEH3 LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS 67;

PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF740993;060826ZJAN99;MANCON_6;DETECTION AT 32SPG629215 HAS BEEN TEMPORARILY LOST, TRACK 9

, ID=LDVEH2 LAV-MTR 2; LAV-LOG 3; LAV-COMMAND 1; LAV-AT 4; LAV-25 13; TROOPS 63;

PRINTED BY: mds007

;AIR RTE POINT;RCAS12;32SPG906036;060826ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS REACHED FINAL LAND POINT

PRINTED BY: mds007

;AIRCRAFT STAT;RCAS12;32SPG906036;060826ZJAN99;MANCON_5,MANCON_6;AIR MISSION HAS FOL AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0

PRINTED BY: mds007

;UNIT CASUALTY LIMIT ;INF_H/P;32SPF728830;060827ZJAN99;MANCON_4;HAS REACHED EFFECTIVE CASUALTY LIMIT

PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;SILK4;32SPF764745;060827ZJAN99;AGCON_1;HAS ASSUMED WITHDRAW MISSION DUE TO CPR (0.00000<=0.17000)

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;LDVEH2;32SPF692748;060827ZJAN99;AGCON_1;HAS TERMINATED ENGAGEMENT, NO LOS WITH ENG

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ENG;32SPF740993;060827ZJAN99;MANCON_6;HAS TERMINATED ENGAGEMENT, NO LOS WITH LDVEH2

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;LDVEH3;32SPF692748;060827ZJAN99;AGCON_1;HAS TERMINATED ENGAGEMENT, NO LOS WITH ENG

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ENG;32SPF740993;060827ZJAN99;MANCON_6;HAS TERMINATED ENGAGEMENT, NO LOS WITH LDVEH3

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;ENG;32SPF740993;060827ZJAN99;MANCON_6;HAS TERMINATED ENGAGEMENT, NO LOS WITH LDVEH3

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;LDVEH3;32SPF692748;060827ZJAN99;AGCON_1;HAS TERMINATED ENGAGEMENT, NO LOS WITH ENG

PRINTED BY: mds007

;VISUAL DETECT;AGSUP;32SPF728829;060827ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED MEDICAL UNIT AT 32SPF730830, TRACK 5

, ID=MED2 TRAILER-WATER-300G 3; 5.0-TRUCK 3; HMMWV-AMBUL 9; HMMWV 3; TROOPS 201; .50CAL-MG 1;

PRINTED BY: mds007

;VISUAL DETECT;AGAIR;32SPF728830;060827ZJAN99;AGCON_1;HAVE DETECTED COMPANY SIZED MEDICAL UNIT AT 32SPF729830, TRACK 5

, ID=MED2 TRAILER-WATER-300G 3; 5.0-TRUCK 3; HMMWV-AMBUL 9; HMMWV 3; TROOPS 201; .50CAL-MG 1;
PRINTED BY: mds007

;OBJECT DETECT;MED2;32SPF732833;060827ZJAN99;MANCON_3;HAVE DETECTED STRUCTURE AT 32SPF729832;
PRINTED BY: mds007

;VISUAL DETECT;MED2;32SPF732833;060827ZJAN99;MANCON_3;HAVE DETECTED SQUADRON SIZED AVIATION UNIT AT 32SPF731832, TRACK 2

, ID=AGAIR TROOPS 223;
PRINTED BY: mds007

;VISUAL DETECT;MED2;32SPF732833;060827ZJAN99;MANCON_3;HAVE DETECTED COMPANY SIZED SUPPLY UNIT AT 32SPF730831, TRACK 3

, ID=AGSUP TROOPS 46;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK4;32SPF764745;060827ZJAN99;AGCON_1;DETECTION AT 32SPF847951 HAS BEEN LOST, TRACK 2

, ID=AAAV1 AAV 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;AGSUP;32SPF728829;060827ZJAN99;AGCON_1;DETECTION AT 32SPG729059 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=INF H/P TROOPS 142; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT STATUS;AGAIR;32SPF728830;060827ZJAN99;AGCON_1;DETECTION AT 32SPG724059 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=INF H/P TROOPS 142; AT4-US 9; 60MM-MTR 3; M-16 132; SAW 27; M-203 27; M240-MG 6; SMAW 6;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/P;32SPG805045;060827ZJAN99;MANCON_4;DETECTION AT 32SPG801275 HAS BEEN TEMPORARILY LOST, TRACK 3

, ID=AGAIR TROOPS 244; M-16 219;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_H/P;32SPG805045;060827ZJAN99;MANCON_4;DETECTION AT 32SPF806815 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=AGSUP TROOPS 71;
PRINTED BY: mds007

;VISUAL DETECT STATUS;SILK4;32SPF764745;060827ZJAN99;AGCON_1;DETECTION AT 32SPF488871 HAS BEEN TEMPORARILY LOST, TRACK 4

, ID=INF A1/P TROOPS 182;
PRINTED BY: mds007

;VISUAL DETECT STATUS;INF_A1/P;32SPG806045;060827ZJAN99;MANCON_4;DETECTION AT 32SQF083920 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=SILK4 TROOPS 8;

PRINTED BY: mds007

;AIR RTE POINT;GCAS6;32SPG906036;060827ZJAN99;MANCON_2;AIR MISSION HAS REACHED
FINAL LAND POINT

PRINTED BY: mds007

;AIRCRAFT STAT;GCAS6;32SPG906036;060827ZJAN99;MANCON_2;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0

PRINTED BY: mds007

;AIR WPN LNCH;GCAS7;32SPF730885;060827ZJAN99;MANCON_2;AIR MISSION HAS REACHED
STAND-OFF WEAPON LAUNCH POINT

PRINTED BY: mds007

;ASSESSMENT REPORT;VF_GREEN;AIR_TO_SURFACE;32SPF730885;060827ZJAN99;MANCON_2;

NO ASSESSMENT; Msn# GCAS7

PRINTED BY: mds007

;ASSESSMENT REPORT;CG;AIR_TO_SURFACE;32SPF730885;060827ZJAN99;MANCON_2;

NO ASSESSMENT; Msn# GCAS7

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGSUP;32SPF728829;060828ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_H/P

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/P;32SPG805045;060828ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH AGSUP

PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;AGAIR;32SPF728830;060828ZJAN99;AGCON_1;HAS ASSUMED
WITHDRAW MISSION DUE TO CPR (0.15878<=0.17000)

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGAIR;32SPF728830;060828ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_H/P

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_H/P;32SPG805045;060828ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH AGAIR

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGAIR;32SPF728830;060828ZJAN99;AGCON_1;HAS
INITIATED ENGAGEMENT WITH MED2

PRINTED BY: mds007

;UNIT MOVE ;AGAIR;32SPF728830;060828ZJAN99;AGCON_1;COMMENCING MOVEMENT at
060828ZJAN99

PRINTED BY: mds007

;UNIT DEFENSIVE MISSION ;SILK4;32SPF764745;060828ZJAN99;AGCON_1;HAS ASSUMED
DEFENSIVE MISSION

PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 5;32SPG806045;060828ZJAN99;AGCON_1,MANCON_4;

Initial engagement times:

SILK4; 060824ZJAN99

INF_A1/P; 060823ZJAN99

Cumulative losses:

UNIT SILK4; TROOPS 2 WIA, UNIT AGSUP; No damage assessed.

Incremental losses (increases since the last report)

UNIT SILK4; TROOPS 1 WIA,

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;SILK4;32SPF764745;060828ZJAN99;AGCON_1;HAS
TERMINATED ENGAGEMENT, NO LOS WITH INF_A1/P

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A1/P;32SPG806045;060828ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT, NO LOS WITH SILK4

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;ENGAGEMENT STATUS CHANGE ;MED2;32SPF732833;060828ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH AGAIR

PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;MED2;32SPF732833;060828ZJAN99;MANCON_3;HAS
INITIATED ENGAGEMENT WITH AGSUP

PRINTED BY: mds007

;VISUAL DETECT CHANGE;AGAIR;32SPF729830;060828ZJAN99;AGCON_1;DETECTION AT
32SPF729830 IS A COMPANY SIZED MEDICAL UNIT, TRACK 5

, ID=MED2 TRAILER-WATER-300G 3; 5.0-TRUCK 3; HMMWV-AMBUL 9; HMMWV 3; TROOPS
201; .50CAL-MG 1; SAW 2; AT4-US 2; M-16 216; M240-MG 1;

PRINTED BY: mds007

;VISUAL DETECT CHANGE;MED2;32SPF732833;060828ZJAN99;MANCON_3;DETECTION AT
32SPF732833 IS A SQUADRON SIZED AIR_SQUADRON UNIT, TRACK 2

, ID=AGAIR TROOPS 223; M-16 218;

PRINTED BY: mds007

;VISUAL DETECT STATUS;AGSUP;32SPF728829;060828ZJAN99;AGCON_1;DETECTION AT
32SPG713005 HAS BEEN LOST, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;

PRINTED BY: mds007

;VISUAL DETECT STATUS;AGAIR;32SPF729830;060828ZJAN99;AGCON_1;DETECTION AT
32SPG713006 HAS BEEN LOST, TRACK 2

, ID=ENG 5.0-TRUCK 3; MCLIC 7; X-TANK 4; HMMWV 9; SEE 2;

PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF740993;060828ZJAN99;MANCON_6;DETECTION AT
32SPF756816 HAS BEEN LOST, TRACK 5

, ID=AGAIR
PRINTED BY: mds007

;VISUAL DETECT STATUS;ENG;32SPF740993;060828ZJAN99;MANCON_6;DETECTION AT
32SPF756816 HAS BEEN LOST, TRACK 6

, ID=AGSUP
PRINTED BY: mds007

;UNIT MOVE ;INF_H/P;32SPG805045;060828ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060828ZJAN99
PRINTED BY: mds007

;UNIT DESTINATION ;INF_H/P;32SPG818050;060828ZJAN99;MANCON_4;HAVE REACHED
ASSIGNED DESTINATION
PRINTED BY: mds007

;UNIT MOVE ;INF_A1/P;32SPG806045;060828ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060828ZJAN99
PRINTED BY: mds007

;UNIT DESTINATION ;INF_A1/P;32SPG818050;060828ZJAN99;MANCON_4;HAVE REACHED
ASSIGNED DESTINATION
PRINTED BY: mds007

;REPORT; GROUND_ENGAGEMENT 1;32SPF841931;060829ZJAN99;MANCON_3,AGCON_1;

Initial engagement times:

INF_H/B; 060803ZJAN99

HILLIFY; 060803ZJAN99

Cumulative losses:

UNIT INF_H/B; TROOPS 25 WIA, UNIT AGSUP; No damage assessed. UNIT AGSUP; No
damage assessed.

UNIT HILLIFY; TROOPS 1 WIA,

Incremental losses (increases since the last report)

UNIT INF_H/B; TROOPS 12 WIA,

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;ENGAGEMENT STATUS CHANGE;AGSUP;32SPF728829;060829ZJAN99;AGCON_1;IS ENGAGED BY
MED2
PRINTED BY: mds007

;UNIT DESTRUCTION;AGSUP;32SPF728829;060829ZJAN99;AGCON_1;UNIT IS NO LONGER
COMBAT EFFECTIVE
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGSUP;32SPF728829;060829ZJAN99;AGCON_1;IS
DESTROYED, TERMINATING ENGAGEMENT WITH INF_A2/P
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;INF_A2/P;32SPF727829;060829ZJAN99;MANCON_4;HAS
TERMINATED ENGAGEMENT WITH AGSUP, UNIT DESTROYED.
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;AGSUP;32SPF728829;060829ZJAN99;AGCON_1;IS
DESTROYED, TERMINATING ENGAGEMENT WITH MED2
PRINTED BY: mds007

;ENGAGEMENT STATUS CHANGE ;MED2;32SPF732833;060829ZJAN99;MANCON_3;HAS
TERMINATED ENGAGEMENT WITH AGSUP, UNIT DESTROYED.
PRINTED BY: mds007

;AIR RTE POINT;GCAS7;32SPG909003;060829ZJAN99;MANCON_2;AIR MISSION HAS REACHED
FINAL LAND POINT
PRINTED BY: mds007

;AIRCRAFT STAT;GCAS7;32SPG909003;060829ZJAN99;MANCON_2;AIR MISSION HAS FOL
AIRCRAFT STATUS - UNDAMAGED: 1; NON MISSION CAPABLE: 0; DESTROYED: 0
PRINTED BY: mds007

;UNIT MOVE ;INF_A1/P;32SPG818050;060830ZJAN99;MANCON_4;COMMENCING MOVEMENT at
060830ZJAN99
PRINTED BY: mds007

;UNIT DESTINATION ;INF_A1/P;32SPG819051;060830ZJAN99;MANCON_4;HAVE REACHED
ASSIGNED DESTINATION
PRINTED BY: mds007

;VISUAL DETECT STATUS;AGAIR;32SPF729830;060830ZJAN99;AGCON_1;DETECTION AT
32SPG955056 HAS BEEN TEMPORARILY LOST, TRACK 5

, ID=MED2 TRAILER-WATER-300G 3; 5.0-TRUCK 3; HMMWV-AMBUL 9; HMMWV 3; TROOPS
182; .50CAL-MG 1; SAW 2; AT4-US 2; M-16 216; M240-MG 1;
PRINTED BY: mds007

;VISUAL DETECT STATUS;MED2;32SPG967042;060830ZJAN99;MANCON_3;DETECTION AT
32SPF742816 HAS BEEN TEMPORARILY LOST, TRACK 2

, ID=AGAIR TROOPS 192; M-16 218;
PRINTED BY: mds007

2. Command History file from 3-1-99_J61J62_V2

The following is an example of an Excel spreadsheet showing a six-node run Command History. The pages run in the over then down format, in other words the line 1 is shown in its entirety then it jumps down to the next section. All lines and columns are numbered and lettered on each page of the spreadsheet. The Command History contains all commands given from the beginning of the construction of the scenario and assets through to the end of the actual scenario.

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ
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81	060900ZJAN89	md4007	UNIT	SILK1	AG	ARTILLERY	SECTION	32SPF697807	AGCON_1		SIMULATED
82	060900ZJAN89	md4007	ASSETS	SILK1	TROOPS	(018	HEALTHY				
83	060900ZJAN89	md4007	ASSETS	SILK1	FUEL	(02152MM-HE		50	OPERATIONAL	D-20	2
84	060900ZJAN89	md4007	ASSETS	SILK1	RATIONS						
85	060900ZJAN89	md4007	ASSETS	SILK1	WATER						
86	060900ZJAN89	md4007	UNIT	SILK2	AG	ARTILLERY	SECTION	32SPF697789	AGCON_1		SIMULATED
87	060900ZJAN89	md4007	ASSETS	SILK2	TROOPS	(018	HEALTHY				
88	060900ZJAN89	md4007	ASSETS	SILK2	FUEL	(02152MM-HE		50	OPERATIONAL	D-20	2
89	060900ZJAN89	md4007	ASSETS	SILK2	RATIONS						
90	060900ZJAN89	md4007	ASSETS	SILK2	WATER						
91	060900ZJAN89	md4007	ASSETS	SILK2	RATIONS						
92	060900ZJAN89	md4007	ASSETS	SILK3	AG	ARTILLERY	SECTION	32SPF600789	AGCON_1		SIMULATED
93	060900ZJAN89	md4007	ASSETS	SILK3	TROOPS	(018	HEALTHY				
94	060900ZJAN89	md4007	ASSETS	SILK3	FUEL	(02152MM-HE		50	OPERATIONAL	D-20	2
95	060900ZJAN89	md4007	ASSETS	SILK3	RATIONS						
96	060900ZJAN89	md4007	ASSETS	SILK3	WATER						
97	060900ZJAN89	md4007	ASSETS	SILK3	RATIONS						
98	060900ZJAN89	md4007	ASSETS	SILK4	AG	ARTILLERY	SECTION	32SPF601755	AGCON_1		SIMULATED
99	060900ZJAN89	md4007	ASSETS	SILK4	TROOPS	(018	HEALTHY				
100	060900ZJAN89	md4007	ASSETS	SILK4	FUEL	(02152MM-HE		50	OPERATIONAL	D-20	2
101	060900ZJAN89	md4007	ASSETS	SILK4	RATIONS						
102	060900ZJAN89	md4007	ASSETS	SILK4	WATER						
103	060900ZJAN89	md4007	ASSETS	SILK4	RATIONS						
104	060900ZJAN89	md4007	ASSETS	SILK5	AG	ARTILLERY	SECTION	32SPF602743	AGCON_1		SIMULATED
105	060900ZJAN89	md4007	ASSETS	SILK5	TROOPS	(018	HEALTHY				
106	060900ZJAN89	md4007	ASSETS	SILK5	FUEL	(02152MM-HE		50	OPERATIONAL	D-20	2
107	060900ZJAN89	md4007	ASSETS	SILK5	RATIONS						
108	060900ZJAN89	md4007	ASSETS	SILK5	WATER						
109	060900ZJAN89	md4007	ASSETS	SILK5	RATIONS						
110	060900ZJAN89	md4007	UNIT	SAM1	AG	AIR DEFENSE	SECTION	32SPF547805	AGCON_1		SIMULATED
111	060900ZJAN89	md4007	ASSETS	SAM1	TROOPS	(014	HEALTHY				
112	060900ZJAN89	md4007	ASSETS	SAM1	FUEL						
113	060900ZJAN89	md4007	ASSETS	SAM1	RATIONS						
114	060900ZJAN89	md4007	ASSETS	SAM1	WATER						
115	060900ZJAN89	md4007	ASSETS	SAM1	RATIONS						
116	060900ZJAN89	md4007	ASSETS	SAM1	RATIONS						
117	060900ZJAN89	md4007	ASSETS	SAM1	RATIONS						
118	060900ZJAN89	md4007	ASSETS	SAM2	AG	(01SA-9-MSL	SECTION	32SPF549781	AGCON_1		SIMULATED
119	060900ZJAN89	md4007	ASSETS	SAM2	TROOPS	(01SA-9-SPADMIL	HEALTHY				
120	060900ZJAN89	md4007	ASSETS	SAM2	FUEL	AIR DEFENSE					
121	060900ZJAN89	md4007	ASSETS	SAM2	RATIONS						
122	060900ZJAN89	md4007	ASSETS	SAM2	WATER						
123	060900ZJAN89	md4007	ASSETS	SAM2	RATIONS						
124	060900ZJAN89	md4007	ASSETS	SAM2	RATIONS						
125	060900ZJAN89	md4007	UNIT	SAM3	AG	(01SA-9-MSL	SECTION	32SPF548781	AGCON_1		SIMULATED
126	060900ZJAN89	md4007	ASSETS	SAM3	TROOPS	(01SA-9-SPADMIL	HEALTHY				
127	060900ZJAN89	md4007	ASSETS	SAM3	FUEL	AIR DEFENSE					
128	060900ZJAN89	md4007	ASSETS	SAM3	RATIONS						
129	060900ZJAN89	md4007	ASSETS	SAM3	WATER						
130	060900ZJAN89	md4007	ASSETS	SAM3	RATIONS						
131	060900ZJAN89	md4007	ASSETS	SAM3	RATIONS						
132	060900ZJAN89	md4007	ASSETS	SAM3	RATIONS						
133	060900ZJAN89	md4007	UNIT	SAM4	AG	(01SA-9-MSL	SECTION	32SPF550740	AGCON_1		SIMULATED
134	060900ZJAN89	md4007	ASSETS	SAM4	TROOPS	(01SA-9-SPADMIL	HEALTHY				
135	060900ZJAN89	md4007	ASSETS	SAM4	FUEL	AIR DEFENSE					
136	060900ZJAN89	md4007	ASSETS	SAM4	RATIONS						
137	060900ZJAN89	md4007	ASSETS	SAM4	WATER						
138	060900ZJAN89	md4007	ASSETS	SAM4	RATIONS						
139	060900ZJAN89	md4007	ASSETS	SAM5	AG	AIR DEFENSE	SECTION	32SPF549722	AGCON_1		SIMULATED
140	060900ZJAN89	md4007	ASSETS	SAM5	TROOPS	(014	HEALTHY				
141	060900ZJAN89	md4007	ASSETS	SAM5	FUEL						
142	060900ZJAN89	md4007	ASSETS	SAM5	RATIONS						
143	060900ZJAN89	md4007	ASSETS	SAM5	RATIONS						
144	060900ZJAN89	md4007	ASSETS	SAM6	AG	(014	HEALTHY				
145	060900ZJAN89	md4007	ASSETS	SAM6	TROOPS	(01SA-9-MSL	SECTION	32SPF551708	AGCON_1		SIMULATED
146	060900ZJAN89	md4007	ASSETS	SAM6	FUEL	AIR DEFENSE					
147	060900ZJAN89	md4007	ASSETS	SAM6	RATIONS						
148	060900ZJAN89	md4007	ASSETS	SAM6	RATIONS						
149	060900ZJAN89	md4007	ASSETS	FROG1	AG	ARTILLERY	SECTION	32SPF523806	MANCON_2		SIMULATED
150	060900ZJAN89	md4007	ASSETS	FROG1	TROOPS	(014	HEALTHY				
151	060900ZJAN89	md4007	ASSETS	FROG1	FUEL	(01FROG-7-HE-MSL	SECTION	32SPF523806	MANCON_2		SIMULATED
152	060900ZJAN89	md4007	ASSETS	FROG1	RATIONS	(01FROG-7-SSM	HEALTHY				
153	060900ZJAN89	md4007	ASSETS	FROG1	RATIONS						
154	060900ZJAN89	md4007	ASSETS	FROG2	AG	ARTILLERY	SECTION	32SPF523806	MANCON_2		SIMULATED
155	060900ZJAN89	md4007	ASSETS	FROG2	TROOPS	(014	HEALTHY				
156	060900ZJAN89	md4007	ASSETS	FROG2	FUEL	(01FROG-7-HE-MSL	SECTION	32SPF523806	MANCON_2		SIMULATED
157	060900ZJAN89	md4007	ASSETS	FROG2	RATIONS	(01FROG-7-SSM	HEALTHY				
158	060900ZJAN89	md4007	ASSETS	FROG2	RATIONS						
159	060900ZJAN89	md4007	ASSETS	FROG2	WATER						
160	060900ZJAN89	md4007	UNIT	FROG3	AG	ARTILLERY	SECTION	32SPF524783	AGCON_1		SIMULATED

	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
81	FALSE	NO																	
82																			
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87	FALSE	NO																	
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181 060002JAN89	m4d007	ASSETS	UPDATE	FROG3	TROOPS	(014	HEALTHY	\$			
182 060002JAN89	m4d007	ASSETS	UPDATE	FROG3	ASSET	(01FROG-7HE-MBL		OPERATIONAL			
183 060002JAN89	m4d007	ASSETS	UPDATE	FROG3	ASSET	(01FROG-7-SSM		OPERATIONAL			
184 060002JAN89	m4d007	ASSETS	UPDATE	FROG3	FUEL	100 \$					
185 060002JAN89	m4d007	ASSETS	UPDATE	FROG3	RATIONS	20 \$					
186 060002JAN89	m4d007	ASSETS	UPDATE	FROG3	WATER	20 \$					
187 060002JAN89	m4d007	UNIT	DEFINE	FROG4	AG		SECTION	32SPF524742	AGCON_1		SIMULATED
188 060002JAN89	m4d007	ASSETS	UPDATE	FROG4	TROOPS	(014	HEALTHY	\$			
189 060002JAN89	m4d007	ASSETS	UPDATE	FROG4	ASSET	(01FROG-7HE-MBL		OPERATIONAL			
190 060002JAN89	m4d007	ASSETS	UPDATE	FROG4	ASSET	(01FROG-7-SSM		OPERATIONAL			
191 060002JAN89	m4d007	ASSETS	UPDATE	FROG4	FUEL	100 \$					
192 060002JAN89	m4d007	ASSETS	UPDATE	FROG4	WATER	20 \$					
193 060002JAN89	m4d007	ASSETS	UPDATE	FROG4	AG		SECTION	32SPF525723	AGCON_1		SIMULATED
194 060002JAN89	m4d007	UNIT	DEFINE	FROG5	TROOPS	(014	HEALTHY	\$			
195 060002JAN89	m4d007	ASSETS	UPDATE	FROG5	ASSET	(01FROG-7HE-MBL		OPERATIONAL			
196 060002JAN89	m4d007	ASSETS	UPDATE	FROG5	ASSET	(01FROG-7-SSM		OPERATIONAL			
197 060002JAN89	m4d007	ASSETS	UPDATE	FROG5	FUEL	100 \$					
198 060002JAN89	m4d007	ASSETS	UPDATE	FROG5	RATIONS	20 \$					
199 060002JAN89	m4d007	ASSETS	UPDATE	FROG5	WATER	20 \$					
200 060002JAN89	m4d007	UNIT	DEFINE	FROG6	AG		SECTION	32SPF525708	AGCON_1		SIMULATED
201 060002JAN89	m4d007	ASSETS	UPDATE	FROG6	TROOPS	(014	HEALTHY	\$			
202 060002JAN89	m4d007	ASSETS	UPDATE	FROG6	ASSET	(01FROG-7HE-MBL		OPERATIONAL			
203 060002JAN89	m4d007	ASSETS	UPDATE	FROG6	ASSET	(01FROG-7-SSM		OPERATIONAL			
204 060002JAN89	m4d007	ASSETS	UPDATE	FROG6	FUEL	100 \$					
205 060002JAN89	m4d007	ASSETS	UPDATE	FROG6	RATIONS	20 \$					
206 060002JAN89	m4d007	ASSETS	UPDATE	FROG6	WATER	20 \$					
207 060002JAN89	m4d007	UNIT	DEFINE	FROG9	AG		SECTION	32SPF527874	AGCON_1		SIMULATED
208 060002JAN89	m4d007	ASSETS	UPDATE	FROG9	TROOPS	(014	HEALTHY	\$			
209 060002JAN89	m4d007	ASSETS	UPDATE	FROG9	ASSET	(01FROG-7HE-MBL		OPERATIONAL			
210 060002JAN89	m4d007	ASSETS	UPDATE	FROG9	ASSET	(01FROG-7-SSM		OPERATIONAL			
211 060002JAN89	m4d007	ASSETS	UPDATE	FROG9	FUEL	100 \$					
212 060002JAN89	m4d007	ASSETS	UPDATE	FROG9	RATIONS	20 \$					
213 060002JAN89	m4d007	ASSETS	UPDATE	FROG9	WATER	20 \$					
214 060002JAN89	m4d007	UNIT	DEFINE	FROG10	AG		SECTION	32SPF527652	AGCON_1		SIMULATED
215 060002JAN89	m4d007	ASSETS	UPDATE	FROG10	TROOPS	(014	HEALTHY	\$			
216 060002JAN89	m4d007	ASSETS	UPDATE	FROG10	ASSET	(01FROG-7HE-MBL		OPERATIONAL			
217 060002JAN89	m4d007	ASSETS	UPDATE	FROG10	ASSET	(01FROG-7-SSM		OPERATIONAL			
218 060002JAN89	m4d007	ASSETS	UPDATE	FROG10	FUEL	100 \$					
219 060002JAN89	m4d007	ASSETS	UPDATE	FROG10	RATIONS	20 \$					
220 060002JAN89	m4d007	ASSETS	UPDATE	FROG10	WATER	20 \$					
221 060002JAN89	m4d007	UNIT	DEFINE	FROG11	AG		SECTION	32SPF528845	AGCON_1		SIMULATED
222 060002JAN89	m4d007	ASSETS	UPDATE	FROG11	TROOPS	(014	HEALTHY	\$			
223 060002JAN89	m4d007	ASSETS	UPDATE	FROG11	ASSET	(01FROG-7HE-MBL		OPERATIONAL			
224 060002JAN89	m4d007	ASSETS	UPDATE	FROG11	ASSET	(01FROG-7-SSM		OPERATIONAL			
225 060002JAN89	m4d007	ASSETS	UPDATE	FROG11	FUEL	100 \$					
226 060002JAN89	m4d007	ASSETS	UPDATE	FROG11	RATIONS	20 \$					
227 060002JAN89	m4d007	ASSETS	UPDATE	FROG11	WATER	20 \$					
228 060002JAN89	m4d007	UNIT	DEFINE	TANK2	AG		TANK	32BFA42881	AGCON_1		SIMULATED
229 060002JAN89	m4d007	UNIT	DEFINE	TANK3	AG		TANK	32BFA43078	AGCON_1		SIMULATED
230 060002JAN89	m4d007	UNIT	DEFINE	TANK4	AG		TANK	32BFA43178	AGCON_1		SIMULATED
231 060002JAN89	m4d007	UNIT	DEFINE	TANK5	AG		TANK	32SPFA2718	AGCON_1		SIMULATED
232 060002JAN89	m4d007	UNIT	DEFINE	TANK6	AG		TANK	32SPFA26718	AGCON_1		SIMULATED
233 060002JAN89	m4d007	UNIT	DEFINE	TANK7	AG		TANK	32SPFA26848	AGCON_1		SIMULATED
234 060002JAN89	m4d007	UNIT	DEFINE	LDVEH1	AG		TANK	32SPFA26848	AGCON_1		SIMULATED
235 060002JAN89	m4d007	UNIT	DEFINE	LDVEH2	AG		TANK	32SPFA26848	AGCON_1		SIMULATED
236 060002JAN89	m4d007	UNIT	DEFINE	LDVEH3	AG		TANK	32SPFA26848	AGCON_1		SIMULATED
237 060002JAN89	m4d007	UNIT	DEFINE	PB1	AG		TANK	32SPF810828	AGCON_1		SIMULATED
238 060002JAN89	m4d007	ASSETS	UPDATE	PB1	ASSET	(01PC-BOAT	HEALTHY	OPERATIONAL			
239 060002JAN89	m4d007	ASSETS	UPDATE	PB1	TROOPS	(0130		\$			
240 060002JAN89	m4d007	ASSETS	UPDATE	PB1	FUEL	1000 \$					
241 060002JAN89	m4d007	ASSETS	UPDATE	PB1	RATIONS	1000 \$					
242 060002JAN89	m4d007	ASSETS	UPDATE	PB1	WATER	1000 \$					
243 060002JAN89	m4d007	ASSETS	UPDATE	PB2	AG		SHIP	32SPFA96782	AGCON_1		SIMULATED
244 060002JAN89	m4d007	ASSETS	UPDATE	PB2	ASSET	(01PC-BOAT	HEALTHY	OPERATIONAL			
245 060002JAN89	m4d007	ASSETS	UPDATE	PB2	TROOPS	(0130		\$			

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2411 060800ZJAN89	md4007	ASSETS	UPDATE	PB2	FUEL						
242 060800ZJAN89	md4007	ASSETS	UPDATE	PB2	RATIONS						
243 060800ZJAN89	md4007	ASSETS	UPDATE	PB2	WATER						
244 060800ZJAN89	md4007	UNIT	DEFINE	PB3	AG	SHIP					
245 060800ZJAN89	md4007	ASSETS	UPDATE	PB3	ASSET	SHIP			AGCON 1		
246 060800ZJAN89	md4007	ASSETS	UPDATE	PB3	TROOPS	(0130 BOAT					
247 060800ZJAN89	md4007	ASSETS	UPDATE	PB3	FUEL	HEALTHY					
248 060800ZJAN89	md4007	ASSETS	UPDATE	PB3	RATIONS						
249 060800ZJAN89	md4007	ASSETS	UPDATE	PB3	WATER						
250 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
251 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP			AGCON 1		
252 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130 BOAT					
253 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
254 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
255 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
256 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	FUEL						
257 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS						
258 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
259 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
260 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
261 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP					
262 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130					
263 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	FUEL						
264 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
265 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
266 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
267 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP					
268 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130					
269 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
270 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
271 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
272 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP					
273 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130					
274 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
275 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
276 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
277 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP					
278 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130					
279 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
280 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
281 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
282 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP					
283 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130					
284 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
285 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
286 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
287 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP					
288 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130					
289 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
290 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
291 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
292 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP					
293 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130					
294 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
295 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
296 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
297 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP					
298 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130					
299 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
300 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
301 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
302 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP					
303 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130					
304 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
305 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
306 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
307 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP					
308 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130					
309 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
310 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
311 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
312 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP					
313 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130					
314 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
315 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						
316 060800ZJAN89	md4007	UNIT	DEFINE	PB4	AG	SHIP					
317 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	ASSET	SHIP					
318 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	TROOPS	(0130					
319 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	RATIONS						
320 060800ZJAN89	md4007	ASSETS	UPDATE	PB4	WATER						

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291	FALSE	YES	USMC	AV_ORD															
292	FALSE	YES	USMC	VMFA															
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294																			
295	FALSE	YES	USN	NIMITZ_CLASS															
296																			
297	FALSE	YES	USMC	VMFA															
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299	FALSE	YES	USMC	VMFA															
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301	FALSE	YES	USMC	VMFA															
302																			
303	NO																		
304	FALSE	YES	USN	TICO_CLASS															
305	FALSE	YES	USN	PERRY_CLASS															
306																			
307	FALSE	YES	USN	KIDD_CLASS															
308																			
309	320G159169	DDG																	
310	FALSE	YES	USN	LST															
311	FALSE	YES	USN	LPD															
312	FALSE	YES	USMC	HMM															
313																			
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315	FALSE	NO																	
316																			
317	FALSE	YES	USN	LHA															
318																			
319																			
320	FALSE	YES	USMC	HMM															

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321 060902ZJAN89	AIR CRAFT	DEFIN	WV-22	WV BLUE	OPEN	QUANTITY					
322 060902ZJAN89	AIR FIELD	DEFIN	AAV2	WV BLUE	OPEN	COMPANY					
323 060902ZJAN89	UNIT	DEFIN	AAV2	WV BLUE	OPEN	COMPANY					
324 060902ZJAN89	ASSETS	UPDATE	AAV2	ASSET	RECONNAISSANCE						
325 060902ZJAN89	UNIT	DEFIN	AAV2	ASSET	RECONNAISSANCE						
326 060902ZJAN89	UNIT	DEFIN	SOE	LF	ENGINEER						
327 060902ZJAN89	UNIT	DEFIN	ENG	LF	ENGINEER						
328 060902ZJAN89	UNIT	DEFIN	ME2	LF	ENGINEER						
329 060902ZJAN89	UNIT	DEFIN	ME2	LF	ENGINEER						
330 060902ZJAN89	UNIT	DEFIN	ME2	LF	ENGINEER						
331 060902ZJAN89	UNIT	DEFIN	ME3	LF	ENGINEER						
332 060902ZJAN89	UNIT	DEFIN	INF_HB	LF	ENGINEER						
333 060902ZJAN89	UNIT	DEFIN	INF_HIP	LF	ENGINEER						
334 060902ZJAN89	UNIT	DEFIN	INF_AZP	LF	ENGINEER						
335 060902ZJAN89	UNIT	DEFIN	INF_AZP	LF	ENGINEER						
336 060902ZJAN89	STATE	INITIALIZE	INF_AZP	LF	ENGINEER						
337 060902ZJAN89	UNIT	LOCATE	SMC	32SPF876904							
338 060902ZJAN89	UNIT	LOCATE	AAV1	32SPF876904							
339 060902ZJAN89	UNIT	LOCATE	AAV2	32SPF869938							
340 060902ZJAN89	UNIT	REMOVE	FCAP1	F-14							
341 060902ZJAN89	CE	DEFIN	FCAP1	F-14							
342 060902ZJAN89	AIR MISSION	DEFIN	GCAS1	FA-18							
343 060902ZJAN89	AIR MISSION	DEFIN	GCAS2	FA-18							
344 060902ZJAN89	AIR MISSION	DEFIN	FCAP2	F-14							
345 060902ZJAN89	AIR MISSION	DEFIN	FCAP3	F-14							
346 060902ZJAN89	AIR MISSION	DEFIN	GCAS2	FA-18							
347 060902ZJAN89	AIR MISSION	DEFIN	GCAS3	FA-18							
348 060902ZJAN89	AIR MISSION	DEFIN	GCAS4	FA-18							
349 060902ZJAN89	AIR MISSION	DEFIN	GCAS4	FA-18							
350 060902ZJAN89	AIR MISSION	DEFIN	GCAS5	FA-18							
351 060902ZJAN89	AIR MISSION	DEFIN	GCAS5	FA-18							
352 060902ZJAN89	AIR MISSION	DEFIN	GCAS6	FA-18							
353 060902ZJAN89	AIR MISSION	DEFIN	GCAS6	FA-18							
354 060902ZJAN89	AIR MISSION	DEFIN	AA82	BOEING-747							
355 060902ZJAN89	AIR MISSION	DEFIN	AA82	BOEING-747							
356 060902ZJAN89	UNIT	LOCATE	SMC	32SPF869923							
357 060902ZJAN89	AIR MISSION	DEFIN	GCAS6	FA-18							
358 060902ZJAN89	AIR MISSION	DEFIN	FCAP7	F-14							
359 060902ZJAN89	AIR MISSION	DEFIN	GCAS7	FA-18							
360 060902ZJAN89	AIR MISSION	DEFIN	GCAS7	FA-18							
361 060902ZJAN89	AIR MISSION	DEFIN	GCAS8	FA-18							
362 060902ZJAN89	AIR MISSION	DEFIN	FCAP8	F-14							
363 060902ZJAN89	AIR MISSION	DEFIN	GCAS8	FA-18							
364 060902ZJAN89	AIR MISSION	DEFIN	GCAS8	FA-18							
365 060902ZJAN89	AIR MISSION	DEFIN	GCAS9	FA-18							
366 060902ZJAN89	AIR MISSION	DEFIN	GCAS9	FA-18							
367 060902ZJAN89	AIR MISSION	DEFIN	GCAS9	FA-18							
368 060902ZJAN89	AIR MISSION	DEFIN	GCAS10	FA-18							
369 060902ZJAN89	AIR MISSION	DEFIN	GCAS10	FA-18							
370 060902ZJAN89	AIR MISSION	DEFIN	GCAS10	FA-18							
371 060902ZJAN89	AIR MISSION	DEFIN	GCAS11	FA-18							
372 060902ZJAN89	AIR MISSION	DEFIN	GCAS11	FA-18							
373 060902ZJAN89	AIR MISSION	DEFIN	GCAS12	FA-18							
374 060902ZJAN89	AIR MISSION	DEFIN	GCAS12	FA-18							
375 060902ZJAN89	AIR MISSION	DEFIN	GCAS13	FA-18							
376 060902ZJAN89	AIR MISSION	DEFIN	GCAS13	FA-18							
377 060902ZJAN89	CE	REMOVE	SM8	F-14							
378 060902ZJAN89	AIR MISSION	DEFIN	GCAS20	FA-18							
379 060902ZJAN89	AIR MISSION	DEFIN	GCAS20	FA-18							
380 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
381 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
382 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
383 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
384 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
385 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
386 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
387 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
388 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
389 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
390 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
391 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
392 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
393 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
394 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
395 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
396 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
397 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
398 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
399 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							
400 060902ZJAN89	AIR MISSION	DEFIN	GCAS21	FA-18							

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353	MEDIUM	WAY_POINT	32SP483242	MEDIUM	WAY_POINT	32SG24291	MEDIUM	WAY_POINT	32SGG98123	MEDIUM	WAY_POINT	32SQF060686	MEDIUM	WAY_POINT	32SQF45729	MEDIUM	WAY_POINT	32SPF72885	MEDIUM	WAY_POINT	15
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401	060803ZJAN89	AIR MISSION	DEFINE	GCAS12	FA-18		1 VF GREEN				CG
402	060803ZJAN89	UNIT	LOCATE	CV							
403	060803ZJAN89	AIR MISSION	DEFINE	GCAS13	FA-18		1 VF GREEN				CG
404	060803ZJAN89	UNIT	LOCATE	GCAS14							
405	060803ZJAN89	AIR MISSION	DEFINE	GCAS15	FA-18		1 VF GREEN				CG
406	060804ZJAN89	UNIT	LOCATE	INF_A1P							
407	060804ZJAN89	UNIT	LOCATE	INF_A2P							
408	060804ZJAN89	UNIT	LOCATE	INF_A3P							
409	060804ZJAN89	UNIT	REMOVE	SM4							
410	060805ZJAN89	UNIT	LOCATE	INF_A1P	32SPF641828						
411	060805ZJAN89	UNIT	LOCATE	MEDI	32SPF641828						
412	060805ZJAN89	UNIT	LOCATE	INF_A2P	32SPF641828						
413	060805ZJAN89	UNIT	LOCATE	INF_A3P	32SPF641828						
414	060806ZJAN89	UNIT	LOCATE	INF_A1P	32SPF641828						
415	060806ZJAN89	UNIT	LOCATE	ENG	32SPF641828						
416	060807ZJAN89	UNIT	MISSION	INF_F08	HOLD				NO		
417	060807ZJAN89	UNIT	LOCATE	LDVEH1	32SPF641828						
418	060807ZJAN89	UNIT	LOCATE	SILK5	32SPF641828						
419	060807ZJAN89	UNIT	LOCATE	ENG	32SPF641828						
420	060807ZJAN89	UNIT	LOCATE	MEDI	32SPF641828						
421	060808ZJAN89	UNIT	MISSION	INF_A1P	MOVE				NO		45 OVERRIDE
422	060808ZJAN89	UNIT	LOCATE	DDG	32SPG976030						
423	060808ZJAN89	UNIT	LOCATE	DDG	32SPG976030						
424	060808ZJAN89	UNIT	DIVERT	GCAS2	01818LK5		ATTACK				
425	060808ZJAN89	UNIT	LOCATE	LDVEH1	32SPF641737						
426	060808ZJAN89	UNIT	LOCATE	M3	32SPF641737						
427	060808ZJAN89	UNIT	REMOVE								
428	060808ZJAN89	UNIT	REMOVE								
429	060808ZJAN89	UNIT	REMOVE								
430	060808ZJAN89	UNIT	REMOVE								
431	060808ZJAN89	UNIT	MISSION	INF_A2P	MOVE				NO		45 OVERRIDE
432	060808ZJAN89	UNIT	LOCATE	MEDI	32SPF795853						
433	060808ZJAN89	UNIT	LOCATE	ENG	32SPF795853						
434	060808ZJAN89	UNIT	LOCATE	FR	ASSET				HELFFIRE-MSL		100 OPERATIONAL
435	060808ZJAN89	UNIT	LOCATE	LDVEH2	32SPF721919						
436	060810ZJAN89	UNIT	LOCATE	ENG	32SPF721919						
437	060810ZJAN89	UNIT	LOCATE	INF_A1P	MOVE						
438	060810ZJAN89	UNIT	LOCATE	ENG	32SPF698740						
439	060810ZJAN89	UNIT	LOCATE	MEDI	32SPF698740						
440	060811ZJAN89	UNIT	LOCATE	ENG	32SPF75648						
441	060811ZJAN89	UNIT	LOCATE	LDVEH2	32SPF720143						
442	060812ZJAN89	UNIT	REMOVE	M1							
443	060812ZJAN89	UNIT	LOCATE	SMC	32SPG933010						
444	060812ZJAN89	UNIT	LOCATE	SILK5	32SPF745755						
445	060812ZJAN89	UNIT	MISSION	INF_A2P	MOVE				NO		100 OVERRIDE
446	060812ZJAN89	UNIT	LOCATE	ENG	32SPF793892						
447	060812ZJAN89	UNIT	MISSION	INF_HP	MOVE				NO		100 OVERRIDE
448	060812ZJAN89	UNIT	MISSION	TANK1	32SPF771897						
449	060812ZJAN89	UNIT	LOCATE	CV	32SPG922065						
450	060812ZJAN89	UNIT	MISSION	INF_A1P	MOVE				NO		100 OVERRIDE
451	060812ZJAN89	UNIT	DIVERT	RCA55	01TANK1		ATTACK				
452	060812ZJAN89	UNIT	DIVERT	RCA56	01TANK1		ATTACK				
453	060812ZJAN89	UNIT	LOCATE	SMC	32SPF883988						
454	060812ZJAN89	UNIT	LOCATE	SM2	32SPF748982						
455	060812ZJAN89	UNIT	REMOVE								
456	060812ZJAN89	UNIT	DIVERT	RCA57	01TANK2		ATTACK				
457	060812ZJAN89	UNIT	DIVERT	RCA58	01TANK2		ATTACK				
458	060812ZJAN89	UNIT	LOCATE	TANK1	32SPF719763						
459	060812ZJAN89	UNIT	LOCATE	SM1	32SPG875063						
460	060815ZJAN89	AIR MISSION	DEFINE	RCA51	FA-18		1 VF RED				SOE
461	060815ZJAN89	AIR MISSION	DEFINE	RCA52	FA-18		1 VF RED				SOE
462	060815ZJAN89	AIR MISSION	DEFINE	RCA53	FA-18		1 VF RED				SOE
463	060815ZJAN89	AIR MISSION	LOCATE	TANK2	32SPF681763						
464	060815ZJAN89	AIR MISSION	DEFINE	RCA54	FA-18		1 VF RED				SOE
465	060815ZJAN89	AIR MISSION	DEFINE	RCA55	FA-18		1 VF RED				SOE
466	060815ZJAN89	AIR MISSION	DEFINE	RCA56	FA-18		1 VF RED				SOE
467	060815ZJAN89	UNIT	LOCATE	SILK4	32SPF684869						
468	060815ZJAN89	UNIT	LOCATE	MEDI3	32SPF782978						
469	060815ZJAN89	UNIT	DEFINE	RCA57	FA-18		1 VF RED				SOE
470	060815ZJAN89	UNIT	MISSION	INF_A1P	MOVE				NO		100 OVERRIDE
471	060815ZJAN89	AIR MISSION	DEFINE	RCA58	FA-18		1 VF RED				SOE
472	060815ZJAN89	AIR MISSION	DEFINE	RCA59	FA-18		1 VF RED				SOE
473	060815ZJAN89	CE	REMOVE	SM4							
474	060815ZJAN89	UNIT	LOCATE	RCA50	FA-18		1 VF RED				SOE
475	060815ZJAN89	UNIT	LOCATE	LDVEH3	32SPG790114						
476	060815ZJAN89	UNIT	MISSION	ENG	32SPF769988						
477	060815ZJAN89	UNIT	MISSION	SMC	32SPG929010						
478	060815ZJAN89	UNIT	MISSION	INF_HP	MOVE				NO		100 OVERRIDE
479	060815ZJAN89	UNIT	MISSION	DIVERT	GCAS3						
480	060815ZJAN89	CE	REMOVE	SM1			ATTACK				100 OVERRIDE

	H	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
401	CAS																		
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A	B	C	D	E	F	G	H	I	J	K	L
481	060818ZJAN99	UNIT	LOCATE	MED3	32SPG97056						
482	060817ZJAN99	UNIT	LOCATE	SNC	32SPG963010						
483	060817ZJAN99	UNIT	LOCATE	SILK4	32SPFT05765						
484	060817ZJAN99	UNIT	LOCATE	CV	32SPG907036						
485	060817ZJAN99	UNIT	LOCATE	ENG	32SPFT26865						
486	060817ZJAN99	CE	REMOVE	SNC							
487	060817ZJAN99	UNIT	MISSION	INF_MP	MOVE	VEE					100
488	060817ZJAN99	CE	REMOVE	M5							OVERRIDE
489	060818ZJAN99	UNIT	LOCATE	SILK3	32SPFE23960						
490	060818ZJAN99	UNIT	DIVERT	RCAS9	0132SPFT29832	MEDIUM					
491	060818ZJAN99	UNIT	MISSION	INF_A1P	MOVE	VEE	ATTACK				100
492	060818ZJAN99	UNIT	LOCATE	SNC	32SPFB97659						OVERRIDE
493	060818ZJAN99	UNIT	LOCATE	ENG	32SPFT83996						
494	060818ZJAN99	UNIT	MISSION	INF_A1P	MOVE	VEE					100
495	060818ZJAN99	CE	REMOVE	ENG							OVERRIDE
496	060818ZJAN99	UNIT	LOCATE	INF_H3	32SPF881740						
497	060818ZJAN99	UNIT	LOCATE	INF_A2P	M5						
498	060818ZJAN99	UNIT	MISSION	INF_A2P	32SPG962070	VEE					100
499	060818ZJAN99	UNIT	LOCATE	SNC	01SILK3						OVERRIDE
500	060818ZJAN99	UNIT	DIVERT	GCAS4	MOVE	HIGH	ATTACK				
501	060818ZJAN99	UNIT	MISSION	INF_MP	MOVE	VEE					100
502	060820ZJAN99	UNIT	LOCATE	LDVEH1	32SPFT26881						OVERRIDE
503	060820ZJAN99	UNIT	MISSION	SILK3	32SPFE03761						
504	060821ZJAN99	UNIT	MISSION	INF_MP	MOVE	VEE					150
505	060821ZJAN99	UNIT	MISSION	INF_A2P	MOVE	VEE					OVERRIDE
506	060822ZJAN99	UNIT	MISSION	INF_H3	ATTACK	VEE					200
507	060822ZJAN99	UNIT	LOCATE	INF_A2P	32SPFT25876						OVERRIDE
508	060822ZJAN99	UNIT	LOCATE	LDVEH1	32SPFT18750						
509	060822ZJAN99	UNIT	LOCATE	INF_MP	32SPFT28846						
510	060822ZJAN99	UNIT	LOCATE	SILK5	32SPFT15840						
511	060822ZJAN99	UNIT	LOCATE	INF_A1P	32SPG782037						
512	060822ZJAN99	UNIT	LOCATE	INF_A2P	32SPFT28846						
513	060822ZJAN99	UNIT	LOCATE	ENG	32SPG794041						
514	060823ZJAN99	UNIT	DIVERT	SILK4	32SPG816041						
515	060823ZJAN99	UNIT	MISSION	RCAS10	0132SPG920051	MEDIUM	ATTACK				100
516	060823ZJAN99	UNIT	LOCATE	INF_MP	ATTACK	VEE					OVERRIDE
517	060823ZJAN99	UNIT	MISSION	ENG	32SPG900847						
518	060824ZJAN99	UNIT	MISSION	INF_A1P	ATTACK	VEE					100
519	060824ZJAN99	UNIT	LOCATE	ENG							OVERRIDE
520	060824ZJAN99	UNIT	LOCATE	INF_MP	32SPG937046						
521	060824ZJAN99	UNIT	LOCATE	ENG	32SPFT51986						
522	060824ZJAN99	UNIT	LOCATE	ENG	01SILK5	HIGH	ATTACK				
523	060824ZJAN99	UNIT	DIVERT	GCAS5	32SPG730015						
524	060824ZJAN99	UNIT	LOCATE	LDVEH2	32SPFT26978						
525	060825ZJAN99	UNIT	LOCATE	LDVEH3	ATTACK	VEE					
526	060825ZJAN99	UNIT	MISSION	GCAS20	32SPFT18753	HIGH	ATTACK				100
527	060825ZJAN99	UNIT	LOCATE	SILK5	32SPFT18753						OVERRIDE
528	060825ZJAN99	UNIT	LOCATE	RCAS11	01LDVEH3	MEDIUM	ATTACK				
529	060825ZJAN99	UNIT	DIVERT	INF_H3	HOLD	CIRCLE					
530	060826ZJAN99	UNIT	MISSION	RCAS12	01BR2	MEDIUM	ATTACK				
531	060826ZJAN99	CE	REMOVE	BR2							
532	060826ZJAN99	UNIT	LOCATE	LDVEH3	32SPFB93749						
533	060826ZJAN99	UNIT	LOCATE	LDVEH2	32SPFB93749						
534	060826ZJAN99	UNIT	DIVERT	GCAS6	01SILK4	HIGH	ATTACK				100
535	060826ZJAN99	UNIT	MISSION	INF_A2P	HOLD	VEE					OVERRIDE
536	060827ZJAN99	UNIT	LOCATE	SILK4	32SPFT65746						
537	060827ZJAN99	UNIT	DIVERT	GCAS7	01SILK4	HIGH	ATTACK				
538	060827ZJAN99	UNIT	LOCATE	MED2	32SPFT32853						
539	060827ZJAN99	UNIT	LOCATE	GCAS7	32SPG920046						
540	060827ZJAN99	UNIT	LOCATE	CV	32SPG920046						
541	060828ZJAN99	UNIT	MISSION	INF_MP	ATTACK	VEE					100
542	060828ZJAN99	UNIT	MISSION	INF_A1P	ATTACK	VEE					OVERRIDE
543	060830ZJAN99	UNIT	LOCATE	MED2	32SPG960043						
544	060830ZJAN99	UNIT	MISSION	INF_A1P	HOLD	VEE					100
545	060830ZJAN99	MISCDBM	SUSPEND								OVERRIDE
546	060830ZJAN99	STATE	ADMIN								

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	
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3. Parsed Data File 1 from 3-1-99_J61J62_V2

The following is the first of the parsed data files produced from an example six-node run.

This parsed data file includes only data from the beginning of the run sequence of the scenario.

The data was always parsed twice to ensure that no data was lost or left out.

I	J	K	L	M	N	O	P	Q	R	S	T	U
1	2	3	4	5	6	7	8	9	10	11	12	13
UTM2	STATUS	TYPE	# UNITS	WIA	KIA	K. KILLED	M. KILLED	F. KILLED	UNDAMAGED	NON MISS CAPABLE	DESTROYED	DTGZ
8	32SPF48930	TRAILER-WATER-300G	3									
9	32SPF48930	S.O. TRUCK	3									
10	32SPF48930	HMMWV-AMBUL	9									
11	32SPF48930	HMMWV	201									
12	32SPF48930	TROOPS	1									
13	32SPF48930	50CAL-MG	1									
14	32SPF48930	HMMWV-40MM-MG	1									
15	32SPF48930	TROOPS	2									060807ZJAN99
16												
17												
18												
19	32SPG72000											
20	32SPF73692	% 0 DAMAGED										
21	32SPG74005	% 0 DAMAGED										
22	32SPG73023											
23	32SPG72014	LAV-MTR	2									
24	32SPG72014	LAV-LOG	3									
25	32SPG72014	LAV-COMMAND	1									
26	32SPG72014	LAV-AT	4									
27	32SPG72014	LAV-25	13									
28	32SPG72014	TROOPS	63									
29												
30												
31	32SPF824932	TROOPS	182									060806ZJAN99
32	32SPF81933	TROOPS	182									060806ZJAN99
33	32SPF81933	AAV	1									
34	32SPF81933											
35	32SPF79383	% 0 DAMAGED										
36	32SPF79485	% 0 DAMAGED										
37	32SPG87050											
38	32SPG89034											
39	32SPG887026											
40	32SPF836950	D-20	2									
41	32SPF836950	TROOPS	6									
42	32SPF835951	D-20	2									
43	32SPF835951	TROOPS	6									
44	32SPF824689	5.0-TRUCK	3									
45	32SPF824689	MCLIC	7									
46	32SPF824689	ACE	4									
47	32SPF824689	HMMWV	9									
48	32SPF824689	SEE	2									
49	32SPF824689	TROOPS	62									
50	32SPF814948	HMMWV-40MM-MG	1									
51	32SPF814948	TROOPS	2									
52	32SQF009812	TRAILER-WATER-300G	3									
53	32SQF009812	S.O. TRUCK	3									
54	32SQF009812	HMMWV-AMBUL	9									
55	32SQF009812	HMMWV	3									
56	32SQF009812	TROOPS	201									
57	32SQF009812	50CAL-MG	1									
58	32SPG810048	HMMWV-40MM-MG	1									
59	32SPG810048	TROOPS	2									
60												
61												
62												
63												
64												
65												
66												
67	32SPG775280	LAV-MTR	2									
68	32SPG775280	LAV-LOG	3									
69	32SPG775280	LAV-COMMAND	1									060809ZJAN99

	I	J	K	L	M	N	O	P	Q	R	S	T	U
70	32SPG75260		LAV-AT										
71	32SPG75260		LAV-25	4									
72	32SPG75260		TROOPS	13									
73				83									
74													
75													
76													
77	32SPF628930		S.O.-TRUCK	3									
78	32SPF628930		MCLIC	7									
79	32SPF628930		ACE	4									
80	32SPF628930		HMMWV	9									
81	32SPF628930		SEE	2									
82	32SPF628930		TROOPS	82									
83	32SPF635951		D-20	1									
84	32SPF635951		TROOPS	6									
85													
86													
87													
88	32SPF726980		LAV-MTR	2						1		0	
89	32SPF726980		LAV-LOG	3									
90	32SPF726980		LAV-COMMAND	1									
91	32SPF726980		LAV-AT	4									
92	32SPF726980		LAV-25	13									
93	32SPF726980		TROOPS	83									
94													
95													060811ZJAN99
96													
97													
98													
99													
100													060803ZJAN99
101													060803ZJAN99
102													060804ZJAN99
103													060804ZJAN99
104													060805ZJAN99
105		No damage assessed.	CE PRODUCT	0									060805ZJAN99
106		No damage assessed.	CE PRODUCT	0									060805ZJAN99
107			TROOPS	1									060810ZJAN99
108													
109													
110													
111	32SPF825990		TROOPS	182									
112	32SPF769536		TROOPS	182									
113	32SPF769536		SMAW	6									
114	32SPF842936		HMMWV-40MM-MG	1									
115	32SPF842936		TROOPS	2									
116	32SPF799223		TROOPS	182									
117	32SPF826971		D-20	1									
118	32SPF826971		TROOPS	6									
119													
120	32SPF739536		S.O.-TRUCK	3									
121	32SPF739536		MCLIC	7									
122	32SPF739536		ACE	4									
123	32SPF739536		HMMWV	9									
124	32SPF739536		SEE	2									
125	32SPF739536		TROOPS	82									
126	32SPF843936		HMMWV-40MM-MG	1									
127	32SPF843936		TROOPS	2									
128	32SPF837633		HMMWV-40MM-MG	1									
129	32SPF837633		TROOPS	2									
130	32SPF763920		TROOPS	1									
131	32SPF763920		S.O.-TRUCK	3									
132	32SPF763920		MCLIC	7									
133	32SPF763920		ACE	4									
134	32SPF763920		HMMWV	9									
135	32SPF763920		SEE	2									
136	32SPF827676		TROOPS	82									
137	32SPF827676		D-20	1									
138	32SPF827676		TROOPS	6									
139	32SPF731742		LAV-MTR	2									

A	B	C	D	E	F	G	H
139 0608122JAN99	SOF	32SPF72698	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2
140 0608122JAN99	SOF	32SPF72698	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2
141 0608122JAN99	SOF	32SPF72698	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2
142 0608122JAN99	SOF	32SPF72698	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2
143 0608122JAN99	SOF	32SPF72698	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	LDVEH2
144 0608122JAN99	HILLIFY	32SPF641931	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	3	LDVEH2
145 0608122JAN99	INF_A1/P	32SPF613890	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	3	INF_A1/P
146 0608122JAN99	HILLIFY	32SPF74947	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	3	HILLIFY
147 0608122JAN99	INF_A1/P	32SPF74947	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	3	INF_A1/P
148 0608122JAN99	SILK5	32SPF835863	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	3	SILK5
149 0608122JAN99	INF_A1/P	32SPF770886	MANCON_4	UNIT MOVE	COMMENCING MOVEMENT	3	SILK5
150 0608122JAN99	INF_A2/P	32SPF613890	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	SMC
151 0608122JAN99	HILLIFY	32SPF641931	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	INF_H/B
152 0608122JAN99	SILK5	32SPF744755	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	AAA/V2
153 0608122JAN99	SILK5	32SPF744755	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	AAA/V2
154 0608122JAN99	INF_H/B	32SPF642931	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	SILK5
155 0608122JAN99	INF_H/B	32SPF642931	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	SILK5
156 0608122JAN99	SILK5	32SPF744755	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	SILK5
157 0608122JAN99	INF_H/B	32SPF642931	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	3	INF_H/B
158 0608122JAN99	INF_H/B	32SPF642931	MANCON_3	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	3	SILK5
159 0608122JAN99	TANK1	32SPF770886	AGCON_1	UNIT MOVE	COMMENCING MOVEMENT	2	SILK5
160 0608122JAN99	TANK1	32SPF770886	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
161 0608122JAN99	TANK1	32SPF770886	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
162 0608122JAN99	TANK1	32SPF770886	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
163 0608122JAN99	TANK1	32SPF770886	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
164 0608122JAN99	TANK1	32SPF770886	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
165 0608122JAN99	TANK1	32SPF770886	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
166 0608122JAN99	TANK1	32SPF770886	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
167 0608122JAN99	ENG	32SPF792261	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	INF_A2/P
168 0608122JAN99	ENG	32SPF792261	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	3	INF_A2/P
169 0608122JAN99	INF_A2/P	32SPF792261	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1
170 0608122JAN99	INF_A2/P	32SPF792261	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1
171 0608122JAN99	INF_A2/P	32SPF792261	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1
172 0608122JAN99	INF_A2/P	32SPF792261	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1
173 0608122JAN99	HILLIFY	32SPF641931	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	3	TANK1
174 0608122JAN99	INF_A1/P	32SPF74947	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	INF_H/P
175 0608122JAN99	HILLIFY	32SPF641931	AGCON_1	UNIT MOVE	COMMENCING MOVEMENT	6	INF_H/P
176 0608122JAN99	INF_H/P	32SPF641931	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	3	INF_H/P
177 0608122JAN99	TANK1	32SPF770886	AGCON_1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	3	HILLIFY
178 0608122JAN99	INF_A2/P	32SPF770886	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT	3	ENG
179 0608122JAN99	INF_A2/P	32SPF770886	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT	3	ENG
180 0608122JAN99	RCAS8	32SPF770886	MANCON_6	AIR WPN LINC	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38548<-2.00000)	3	TANK1
181 0608122JAN99	VF_RED	32SPF770886	AGCON_1	AIR WPN LINC	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT	3	TANK1
182 0608122JAN99	SOF	32SPF770886	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE RCAS8	4	TANK1
183 0608122JAN99	TANK1	32SPF770886	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE RCAS8	4	TANK1
184 0608122JAN99	RCAS8	32SPF770886	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE RCAS8	4	TANK1
185 0608122JAN99	VF_RED	32SPF770886	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE RCAS8	4	TANK1
186 0608122JAN99	SOF	32SPF770886	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE RCAS8	4	TANK1
187 0608122JAN99	VF_RED	32SPF770886	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE RCAS8	4	TANK1
188 0608122JAN99	SOF	32SPF770886	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE RCAS8	4	TANK1
189 0608122JAN99	TANK1	32SPF770886	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS8	4	TANK1
190 0608122JAN99	TANK1	32SPF770886	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS8	4	TANK1
191 0608122JAN99	TANK1	32SPF770886	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS8	4	TANK1
192 0608122JAN99	TANK1	32SPF770886	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS8	4	TANK1
193 0608122JAN99	TANK2	32SPF73391	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_A2/P
194 0608122JAN99	INF_A1/P	32SPF770886	MANCON_4	VISUAL DETECT	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_A2/P
195 0608122JAN99	INF_A1/P	32SPF770886	MANCON_4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	2	INF_A1/P
196 0608122JAN99	INF_A1/P	32SPF770886	MANCON_4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	2	INF_A1/P
197 0608122JAN99	RCAS7	32SPF648976	MANCON_5	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK2
198 0608122JAN99	TANK2	32SPF648976	MANCON_5	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK2
199 0608122JAN99	VF_RED	32SPF73391	AGCON_1	AIR WPN LINC	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT	4	TANK2
200 0608122JAN99	VF_RED	32SPF73391	AGCON_1	STATUS CHANGE	UNDER AIR ATTACK	4	TANK2
201 0608122JAN99	SOF	32SPF73391	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE RCAS7	3	TANK2
202 0608122JAN99	SOF	32SPF73391	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE RCAS7	3	TANK2
203 0608122JAN99	TANK2	32SPF73391	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS7	3	TANK2
204 0608122JAN99	TANK2	32SPF73391	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS7	3	TANK2
205 0608122JAN99	RCAS8	32SPF648976	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE RCAS7	3	TANK2
206 0608122JAN99	TANK2	32SPF73391	AGCON_1	AIR WPN LINC	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT	3	TANK2
207 0608122JAN99	VF_RED	32SPF73391	MANCON_5	ASSESSMENT REPORT	NOT ENOUGH OPERATORS TO MEET REQUIREMENTS	3	TANK2

A	B	C	D	E	F	G	H
200	060815ZJAN99	VF RED	MANCON 5	ASSESSMENT REPORT	AIR TO SURFACE RCAS8		TANK2
201	060815ZJAN99	SOE	MANCON 6	ASSESSMENT REPORT	AIR TO SURFACE RCAS8		TANK2
210	060815ZJAN99	SOE	MANCON 6	ASSESSMENT REPORT	AIR TO SURFACE RCAS8		TANK2
211	060815ZJAN99	TANK2	AGCON 1	ASSESSMENT REPORT	AIR TO SURFACE RCAS8		TANK2
212	060815ZJAN99	TANK2	AGCON 1	ASSESSMENT REPORT	AIR TO SURFACE RCAS8		TANK2
213	060815ZJAN99	INF A1/P	MANCON 4	OBJECT DETECT	HAVE DETECTED BRIDGE		
214	060815ZJAN99	INF A1/P	MANCON 4	OBJECT DETECT	HAVE DETECTED BRIDGE		
215	060815ZJAN99	INF A1/P	MANCON 4	OBJECT DETECT	HAVE DETECTED BRIDGE		
216	060815ZJAN99	INF A1/P	MANCON 4	OBJECT DETECT	HAVE DETECTED BRIDGE		
217	060815ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	HILLIFY
218	060815ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	HILLIFY
219	060815ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
220	060815ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
221	060815ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
222	060815ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
223	060815ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
224	060815ZJAN99	TANK1	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
225	060815ZJAN99	ENG	MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	INF A2/P
226	060815ZJAN99	ENG	MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	INF A2/P
227	060815ZJAN99	ENG	MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1
228	060815ZJAN99	INF A2/P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1
229	060815ZJAN99	INF A2/P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1
230	060815ZJAN99	INF A2/P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	TANK1
231	060815ZJAN99	TANK2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	TANK1
232	060815ZJAN99	INF A1/P	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		INF A1/P
233	060815ZJAN99	INF A1/P	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		INF A1/P
234	060815ZJAN99	RCAS5	MANCON 4	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		
235	060815ZJAN99	RCAS5	MANCON 4	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		
236	060815ZJAN99	RCAS5	MANCON 4	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		
237	060815ZJAN99	RCAS5	MANCON 4	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		
238	060815ZJAN99	INF A1/P	MANCON 4	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		
239	060815ZJAN99	RCAS11	MANCON 5, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT		TANK2
240	060815ZJAN99	SILK4	MANCON 5, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT		TANK2
241	060815ZJAN99	ME3D	MANCON 3	OBJECT DETECT	COMMENCING MOVEMENT		
242	060815ZJAN99	ME3D	MANCON 3	OBJECT DETECT	COMMENCING MOVEMENT		
243	060815ZJAN99	INF A1/P	MANCON 4	OBJECT DETECT	COMMENCING MOVEMENT		AAAV1
244	060815ZJAN99	TANK2	MANCON 4	OBJECT DETECT	COMMENCING MOVEMENT		
245	060815ZJAN99	INF A1/P	MANCON 4	OBJECT DETECT	COMMENCING MOVEMENT		
246	060815ZJAN99	INF A1/P	MANCON 4	OBJECT DETECT	COMMENCING MOVEMENT		
247	060815ZJAN99	RCAS12	MANCON 5, MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	INF A1/P
248	060815ZJAN99	RCAS13	MANCON 5, MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK2
249	060815ZJAN99	RCAS7	MANCON 5, MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK2
250	060815ZJAN99	RCAS14	MANCON 5, MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK2
251	060815ZJAN99	RCAS14	MANCON 5, MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK2
252	060815ZJAN99	LHA	MANCON 3	AIRCRAFT STAT	AIR MISSION HAS LAUNCHED		
253	060815ZJAN99	LHA	MANCON 3	AIRCRAFT STAT	AIR MISSION HAS LAUNCHED		
254	060815ZJAN99	LHA	MANCON 3	AIRCRAFT STAT	AIR MISSION HAS LAUNCHED		
255	060815ZJAN99	LHA	MANCON 3	AIRCRAFT STAT	AIR MISSION HAS LAUNCHED		
256	060815ZJAN99	RCAS8	MANCON 5, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS LAUNCHED		
257	060815ZJAN99	RCAS8	MANCON 5, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS LAUNCHED		
258	060815ZJAN99	RCAS15	MANCON 5, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS LAUNCHED		
259	060815ZJAN99	INF A2/P	MANCON 4	UNIT MOVE	AIR MISSION HAS LAUNCHED		
260	060815ZJAN99	ENG	MANCON 6	ENGAGEMENT STATUS CHANGE	IS ENGAGED		TANK1
261	060815ZJAN99	TANK1	AGCON 1	ENGAGEMENT STATUS CHANGE	IS ENGAGED		INF A2/P
262	060815ZJAN99	TANK1	AGCON 1	ENGAGEMENT STATUS CHANGE	IS ENGAGED		ENG
263	060815ZJAN99	ENG	MANCON 6	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		TANK1
264	060815ZJAN99	TANK1	AGCON 1, MANCON 4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		
265	060815ZJAN99	TANK1	AGCON 1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		INF A2/P
266	060815ZJAN99	INF A2/P	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		TANK1
267	060815ZJAN99	GROUND_ENGAGEMENT 3	MANCON 4, AGCON 1	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		
268	060815ZJAN99	TANK2	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		INF A1/P
269	060815ZJAN99	INF A1/P	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		TANK2
270	060815ZJAN99	INF A1/P	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		TANK2
271	060815ZJAN99	INF A2/P	MANCON 4	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		
272	060815ZJAN99	RCAS16	MANCON 5, MANCON 6	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		
273	060815ZJAN99	RCAS17	MANCON 5, MANCON 6	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		
274	060815ZJAN99	RCAS18	MANCON 5, MANCON 6	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		
275	060815ZJAN99	RCAS18	MANCON 5, MANCON 6	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		
276	060815ZJAN99	RCAS19	MANCON 5, MANCON 6	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		
277	060815ZJAN99	RCAS19	MANCON 5, MANCON 6	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		
278	060815ZJAN99	RCAS19	MANCON 5, MANCON 6	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.38168--2.00000)		

A	B	C	D	E	F	G	H
277	060182ZJAN99	RCAS12	MANCON_4	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
278	060182ZJAN99	INF_HJP	MANCON_5	UNIT MOVE	COMMENCING MOVEMENT		
279	060182ZJAN99	RCAS20	MANCON_5	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED		
280	060182ZJAN99	RCAS13	MANCON_5	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
281	060182ZJAN99	RCAS14	MANCON_5	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
282	060182ZJAN99	LHA	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED	BJ	RCAS20
283	060182ZJAN99	LHA	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED	BK	RCAS18
284	060182ZJAN99	LHA	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED	BL	RCAS18
285	060182ZJAN99	LHA	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED	BM	RCAS17
286	060182ZJAN99	LHA	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED	BN	RCAS16
287	060182ZJAN99	LHA	MANCON_3	AIR TRK DATA	AIR TRACK DETECTED	BO	RCAS15
288	060182ZJAN99	RCAS15	MANCON_5	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
289	060182ZJAN99	RCAS17	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH3
290	060182ZJAN99	RCAS19	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH3
291	060182ZJAN99	RCAS17	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH3
292	060182ZJAN99	RCAS19	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH3
293	060182ZJAN99	RCAS17	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH3
294	060182ZJAN99	RCAS19	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH3
295	060182ZJAN99	RCAS17	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH3
296	060182ZJAN99	RCAS19	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH3
297	060182ZJAN99	RCAS17	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH3
298	060182ZJAN99	RCAS19	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH3
299	060182ZJAN99	RCAS17	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH3
300	060182ZJAN99	RCAS19	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT ARMOR UNIT	4	LDVEH3
301	060182ZJAN99	VF_GREEN	MANCON_2	AIR WPN LNCH	AIR MISSION HAS REACHED ORBIT POINT		
302	060182ZJAN99	VF_GREEN	MANCON_2	STATUS CHANGE	UNDER AIR ATTACK		
303	060182ZJAN99	CG	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE GCAS3		SILK4
304	060182ZJAN99	SILK4	MANCON_2	ASSESSMENT REPORT	AIR TO SURFACE GCAS3		SILK4
305	060182ZJAN99	GROUND_ENGAGEMENT_1	MANCON_3	REPORT	AIR TO SURFACE GCAS3		SILK4
306	060182ZJAN99	GROUND_ENGAGEMENT_1	MANCON_3	REPORT	Initial engagement:		INF_HJB
307	060182ZJAN99	GROUND_ENGAGEMENT_1	MANCON_3	REPORT	Initial engagement:		HILLIFY
308	060182ZJAN99	GROUND_ENGAGEMENT_1	MANCON_3	REPORT	Cumulative losses:		INF_HJB
309	060182ZJAN99	GROUND_ENGAGEMENT_1	MANCON_3	REPORT	Incremental losses:		HILLIFY
310	060182ZJAN99	INF_HJP	MANCON_4	UNIT MOVE	COMMENCING MOVEMENT		INF_HJB
311	060182ZJAN99	GCAS3	MANCON_2	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT		
312	060182ZJAN99	GCAS3	MANCON_2	AIRCRAFT STAT			
313	060182ZJAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
314	060182ZJAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
315	060182ZJAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
316	060182ZJAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
317	060182ZJAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
318	060182ZJAN99	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
319	060182ZJAN99	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
320	060182ZJAN99	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
321	060182ZJAN99	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
322	060182ZJAN99	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
323	060182ZJAN99	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	AGAIR
324	060182ZJAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	AGAIR
325	060182ZJAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	AGAIR
326	060182ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	9	AGSUP
327	060182ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	9	MEDI
328	060182ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	9	MEDI
329	060182ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	9	MEDI
330	060182ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	9	MEDI
331	060182ZJAN99	HILLIFY	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	9	MEDI
332	060182ZJAN99	MEDI	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	HILLIFY
333	060182ZJAN99	MEDI	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	HILLIFY
334	060182ZJAN99	SILK4	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	AAAV1
335	060182ZJAN99	INF_AIP	MANCON_4	UNIT MOVE	COMMENCING MOVEMENT		
336	060182ZJAN99	RCAS9	MANCON_5	AIR WPN LNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
337	060182ZJAN99	VF_RED	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE Msn# RCAS9		
338	060182ZJAN99	SOE	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE Msn# RCAS9		
339	060182ZJAN99	INF_AIP	MANCON_4	UNIT MOVE	COMMENCING MOVEMENT		
340	060182ZJAN99	SOE	MANCON_5	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEH1
341	060182ZJAN99	SOE	MANCON_5	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEH1
342	060182ZJAN99	SOE	MANCON_5	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEH1
343	060182ZJAN99	SOE	MANCON_5	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEH1
344	060182ZJAN99	SOE	MANCON_5	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEH1
345	060182ZJAN99	SOE	MANCON_5	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	LDVEH1

A	B	C	D	E	F	G	H
346	060818ZJAN99	SOE	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH3
347	060818ZJAN99	SOE	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH3
348	060818ZJAN99	SOE	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH3
349	060818ZJAN99	SOE	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH3
350	060818ZJAN99	SOE	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH3
351	060818ZJAN99	SOE	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH3
352	060818ZJAN99	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
353	060818ZJAN99	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
354	060818ZJAN99	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
355	060818ZJAN99	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
356	060818ZJAN99	AGSUP	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
357	060818ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
358	060818ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
359	060818ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
360	060818ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
361	060818ZJAN99	AGAIR	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
362	060818ZJAN99	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
363	060818ZJAN99	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
364	060819ZJAN99	INF_A1P	MANCON_4	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST	5	AGAIR
365	060819ZJAN99	INF_A2P	MANCON_4	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST	5	AGAIR
366	060819ZJAN99	RCAS9	MANCON_4	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST	5	AGAIR
367	060819ZJAN99	INF_MP	MANCON_5,MANCON_6	UNIT MOVE	DETECTION HAS BEEN TEMPORARILY LOST	6	AGSUP
368	060820ZJAN99	INF_MP	MANCON_4	AIRCRAFT STAT	COMING MOVEMENT		
369	060820ZJAN99	INF_MP	MANCON_4	AIRCRAFT STAT	COMING MOVEMENT		
370	060820ZJAN99	GCAS4	MANCON_2	AIR WPN LUCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
371	060820ZJAN99	VF_GREEN	AGCON_1	AIR WPN LUCH	UNDER AIR ATTACK		
372	060820ZJAN99	CG	MANCON_2	STATUS CHANGE	AIR TO SURFACE GCAS4		SILK3
373	060820ZJAN99	SILK3	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE GCAS4		SILK3
374	060820ZJAN99	INF_A2P	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE GCAS4		
375	060820ZJAN99	INF_MP	MANCON_4	ASSESSMENT REPORT	AIR TO SURFACE GCAS4		
376	060820ZJAN99	SOE	MANCON_6	UNIT DEFENSIVE MISSION	AIR MISSION HAS REACHED FINAL LAND POINT		
377	060820ZJAN99	SOE	MANCON_6	UNIT DEFENSIVE MISSION	AIR MISSION HAS REACHED FINAL LAND POINT		
378	060820ZJAN99	SOE	MANCON_6	UNIT DEFENSIVE MISSION	AIR MISSION HAS REACHED FINAL LAND POINT		
379	060820ZJAN99	SOE	MANCON_6	UNIT DEFENSIVE MISSION	AIR MISSION HAS REACHED FINAL LAND POINT		
380	060820ZJAN99	SOE	MANCON_6	UNIT DEFENSIVE MISSION	AIR MISSION HAS REACHED FINAL LAND POINT		
381	060820ZJAN99	SOE	MANCON_6	UNIT DEFENSIVE MISSION	AIR MISSION HAS REACHED FINAL LAND POINT		
382	060820ZJAN99	INF_MP	MANCON_4	OBJECT DETECT	DETECTION HAS BEEN LOST	7	INF_A2P
383	060820ZJAN99	HILLIFY	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	8	INF_A1P
384	060820ZJAN99	HILLIFY	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	8	INF_A1P
385	060820ZJAN99	HILLIFY	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	8	INF_A1P
386	060820ZJAN99	INF_A1P	MANCON_4	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	2	HILLIFY
387	060820ZJAN99	INF_A1P	MANCON_4	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	2	HILLIFY
388	060820ZJAN99	SILK3	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	2	INF_A1P
389	060820ZJAN99	INF_A1P	MANCON_4	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	3	SILK3
390	060820ZJAN99	INF_A1P	MANCON_4	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	3	SILK3
391	060820ZJAN99	GCAS4	MANCON_2	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	3	SILK3
392	060820ZJAN99	GCAS4	MANCON_2	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	3	SILK3
393	060821ZJAN99	INF_A2P	MANCON_4	AIRCRAFT STAT	COMING MOVEMENT		
394	060821ZJAN99	HILLIFY	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	5	ENG
395	060821ZJAN99	HILLIFY	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	5	ENG
396	060821ZJAN99	HILLIFY	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	5	ENG
397	060821ZJAN99	HILLIFY	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	5	ENG
398	060821ZJAN99	HILLIFY	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	5	ENG
399	060821ZJAN99	HILLIFY	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	5	ENG
400	060821ZJAN99	ENG	MANCON_6	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	2	HILLIFY
401	060821ZJAN99	ENG	MANCON_6	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	2	HILLIFY
402	060821ZJAN99	INF_A2P	MANCON_4	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	2	HILLIFY
403	060821ZJAN99	INF_A2P	MANCON_4	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	2	HILLIFY
404	060821ZJAN99	SILK3	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	2	HILLIFY
405	060821ZJAN99	SILK3	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	5	ENG
406	060821ZJAN99	SILK3	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	5	ENG
407	060821ZJAN99	SILK3	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	5	ENG
408	060821ZJAN99	SILK3	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	5	ENG
409	060821ZJAN99	SILK3	AGCON_1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	5	ENG
410	060821ZJAN99	ENG	MANCON_6	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	3	SILK3
411	060821ZJAN99	ENG	MANCON_6	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	3	SILK3
412	060821ZJAN99	SOE	MANCON_6	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	3	LDVEH2
413	060821ZJAN99	SOE	MANCON_6	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	3	LDVEH2
414	060821ZJAN99	SOE	MANCON_6	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN LOST	3	LDVEH2

A	B	C	D	E	F	G	H
415	0600212JAN99	SOF	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST		LDVEH2
416	0600212JAN99	SOF	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST		LDVEH2
417	0600212JAN99	SOF	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST		LDVEH2
418	0600212JAN99	INF_H/B	MANCON_3	UNIT BARRIER STATUS	WITHIN BARRIER MOUNTAIN NAMED HILL		
419	0600212JAN99	INF_H/B	MANCON_3	UNIT MOVE	COMMENCING MOVEMENT		
420	0600212JAN99	INF_H/B	MANCON_3	UNIT DESTINATION	HAVE REACHED ASSIGNED DESTINATION		INF_H/B
421	0600212JAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_H/B
422	0600212JAN99	AGSUP	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_H/B
423	0600212JAN99	AGAIR	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_H/B
424	0600212JAN99	SILK5	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED INFANTRY UNIT		INF_H/B
425	0600212JAN99	INF_H/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT		AGAIR
426	0600212JAN99	INF_H/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT		AGSUP
427	0600212JAN99	INF_H/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT		SILK5
428	0600212JAN99	INF_H/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT		SILK5
429	0600212JAN99	INF_A2/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT		SILK5
430	0600212JAN99	INF_A2/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT		SILK5
431	0600212JAN99	SILK5	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST		INF_H/B
432	0600212JAN99	SILK5	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST		INF_H/B
433	0600212JAN99	INF_H/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST		INF_H/B
434	0600212JAN99	INF_H/B	MANCON_3	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST		INF_H/B
435	0600212JAN99	SOF	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST		SILK5
436	0600212JAN99	SOF	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		SILK5
437	0600212JAN99	SOF	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		LDVEH1
438	0600212JAN99	SOF	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		LDVEH1
439	0600212JAN99	SOF	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		LDVEH1
440	0600212JAN99	AGSUP	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		LDVEH1
441	0600212JAN99	AGSUP	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		LDVEH1
442	0600212JAN99	AGAIR	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST		LDVEH1
443	0600212JAN99	SILK4	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_A2/P
444	0600212JAN99	SILK4	AGCON_1	OBJECT DETECT	HAVE DETECTED ANTI_PERSONNEL Minefield		INF_A2/P
445	0600212JAN99	SILK4	AGCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE		INF_A2/P
446	0600212JAN99	SILK4	AGCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE		
447	0600212JAN99	SILK4	AGCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE		
448	0600212JAN99	SILK4	AGCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE		
449	0600212JAN99	SILK4	AGCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE		
450	0600212JAN99	SILK4	AGCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE		
451	0600212JAN99	SILK4	AGCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE		
452	0600212JAN99	SILK4	AGCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE		
453	0600212JAN99	SILK4	AGCON_1	OBJECT DETECT	HAVE DETECTED STRUCTURE		
454	0600212JAN99	ENG	MANCON_6	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		ENG
455	0600212JAN99	ENG	MANCON_6	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		ENG
456	0600212JAN99	ENG	MANCON_6	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		ENG
457	0600212JAN99	ENG	MANCON_6	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT		ENG
458	0600212JAN99	INF_A1/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT		SILK4
459	0600212JAN99	INF_A1/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT		SILK4
460	0600212JAN99	INF_A1/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT		SILK4
461	0600212JAN99	INF_A2/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT		AGAIR
462	0600212JAN99	INF_A2/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT		AGSUP
463	0600212JAN99	INF_A2/P	MANCON_4	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT		SILK5
464	0600212JAN99	HILLIFY	MANCON_4	VISUAL DETECT CHANGE	DETECTION IS A SECTION SIZED ARTILLERY UNIT		SILK5
465	0600212JAN99	HILLIFY	MANCON_4	VISUAL DETECT CHANGE	DETECTION IS A SECTION SIZED ARTILLERY UNIT		SILK5
466	0600212JAN99	GROUND_ENGAGEMENT_1	MANCON_3,AGCON_1	REPORT	Initial engagement:		INF_H/P
467	0600212JAN99	GROUND_ENGAGEMENT_1	MANCON_3,AGCON_1	REPORT	Initial engagement:		INF_H/P
468	0600212JAN99	GROUND_ENGAGEMENT_1	MANCON_3,AGCON_1	REPORT	Initial engagement:		HILLIFY
469	0600212JAN99	GROUND_ENGAGEMENT_1	MANCON_3,AGCON_1	REPORT	Cumulative losses:		INF_H/B
470	0600212JAN99	AGSUP	AGCON_1	UNIT DEFENSIVE MISSION	Incremental losses:		INF_H/B
471	0600212JAN99	SILK5	AGCON_1	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAW MISSION DUE TO CPR (0.000000=>0.17000)		
472	0600212JAN99	INF_H/P	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		AGAIR
473	0600212JAN99	INF_H/P	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		AGSUP
474	0600212JAN99	INF_H/P	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		SILK5
475	0600212JAN99	INF_A1/P	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		SILK4
476	0600212JAN99	AGSUP	AGCON_1	UNIT MOVE	COMMENCING MOVEMENT		
477	0600212JAN99	INF_A2/P	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		SILK5
478	0600212JAN99	INF_A2/P	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		SILK5
479	0600212JAN99	INF_A2/P	MANCON_4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		AGAIR
480	0600212JAN99	SILK5	AGCON_1	UNIT MOVE	TOWING REQUIREMENTS NOT MET		AGSUP
481	0600212JAN99	RCAS10	MANCON_5,MANCON_6	AIR WPN LNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
482	0600212JAN99	VF_RED	MANCON_5	ASSESSMENT REPORT	AIR TO SURFACE Mine# RCAS10		
483	0600212JAN99	SOF	MANCON_6	ASSESSMENT REPORT	AIR TO SURFACE Mine# RCAS10		

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415	32SPF730738	LAV-AT	4									
416	32SPF730738	LAV-25	13									
417	32SPF730738	TROOPS	63									060803ZJAN89
418												
419												
420												
421	32SPF728841	TROOPS	182									
422	32SPF728841	TROOPS	182									
423	32SPF728871											
424	32SPF727845											
425	32SPF724673											
426	32SPF728854											
427	32SPF728834	TROOPS	267									
428	32SPF716840	TROOPS	180									
429	32SPF716840	D-20	1									
430	32SPF715842	TROOPS	8									
431	32SPF769848	TROOPS	1									
432	32SPF916748	TROOPS	182									
433	32SPG786124	AAAV	1									
434	32SPG786124	D-20	1									
435	32SPF769748	TROOPS	8									
436	32SPF769748	LAV-MTR	2									
437	32SPF769748	LAV-LOG	3									
438	32SPF769748	LAV-COMMAND	1									
439	32SPF769748	LAV-AT	4									
440	32SPF769748	LAV-25	13									
441	32SPF728842	TROOPS	63									
442	32SPF728842	TROOPS	182									
443	32SPG818049	TROOPS	182									
444	32SPG804084											
445	32SPG820051	% 0 DAMAGED										
446	32SPG785040	5.0-TRUCK	3									
447	32SPG785040	MCLIC	7									
448	32SPG785040	ACE	4									
449	32SPG785040	HMMWV	8									
450	32SPG785040	SEE	2									
451	32SPG785040	TROOPS	82									
452	32SPG783037	TROOPS	182									
453	32SPF728845	TROOPS										
454	32SPG803084	TROOPS	182									
455	32SPG820051											
456	32SPG818040	TROOPS	6									
457	32SPG803084											
458	32SPG820051											
459	32SPG818040	TROOPS	6									
460	32SPF728834	TROOPS	267									
461	32SPF728833	TROOPS	180									
462	32SPF716840	D-20	1									
463	32SPF716840	TROOPS	8									
464	32SPF716840	TROOPS	182									
465	32SPF716840	TROOPS	182									
466			0									
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469			13									
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481	0608232JAN99	INF_HIP	MANCON_4	UNIT MOVE	COMMENCING MOVEMENT		
482	0608232JAN99	INF_HIP	MANCON_4	UNIT DESTINATION	HAVE REACHED ASSIGNED DESTINATION		
483	0608232JAN99	INF_HIP	MANCON_4	UNIT MOVE	COMMENCING MOVEMENT		
484	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
485	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
486	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
487	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
488	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
489	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
490	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
491	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
492	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
493	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
494	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
495	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
496	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
497	0608232JAN99	AGSUP	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_HIP
498	0608232JAN99	SILK4	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED ENGINEER UNIT	3	ENG
499	0608232JAN99	SILK4	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED ENGINEER UNIT	3	ENG
500	0608232JAN99	SILK4	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED ENGINEER UNIT	3	ENG
501	0608232JAN99	SILK4	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED ENGINEER UNIT	3	ENG
502	0608232JAN99	SILK4	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED ENGINEER UNIT	3	ENG
503	0608232JAN99	SILK4	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED ENGINEER UNIT	3	ENG
504	0608232JAN99	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED ANTI_PERSONNEL Minefield		
505	0608232JAN99	INF_HIP	MANCON_4	VISUAL DETECT CHANGE	DETECTION IS A SQUADRON SIZED AIR_SQUADRON UNIT	3	AGAIR
506	0608232JAN99	INF_HIP	MANCON_4	VISUAL DETECT CHANGE	DETECTION IS A SQUADRON SIZED AIR_SQUADRON UNIT	3	AGAIR
507	0608232JAN99	RCAS10	MANCON_5,MANCON_6	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT		
508	0608232JAN99	RCAS10	MANCON_5,MANCON_6	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		
509	0608232JAN99	AGAIR	AGCON_1	UNIT DEFENSIVE MISSION	HAS ASSUMED WITHDRAWAL MISSION DUE TO CPR (0.00000--0.17000)		
510	0608232JAN99	ENG	MANCON_6	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		
511	0608232JAN99	SILK4	AGCON_1	UNIT MOVE	TOWING REQUIREMENTS NOT MET		
512	0608232JAN99	SILK4	AGCON_1	UNIT MOVE	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
513	0608232JAN99	GCASB	AGCON_1	STATUS CHANGE	UNDER AIR ATTACK		
514	0608232JAN99	SILK5	AGCON_1	ASSESSMENT REPORT	AIR TO_SURFACE GCASB		SILK5
515	0608232JAN99	VF_GREEN	MANCON_2	ASSESSMENT REPORT	AIR TO_SURFACE GCASB		SILK5
516	0608232JAN99	CG	MANCON_2	ASSESSMENT REPORT	AIR TO_SURFACE GCASB		SILK5
517	0608232JAN99	SILK5	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
518	0608232JAN99	LDVEH2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
519	0608232JAN99	LDVEH2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
520	0608232JAN99	LDVEH2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
521	0608232JAN99	LDVEH2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
522	0608232JAN99	LDVEH2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
523	0608232JAN99	LDVEH2	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
524	0608232JAN99	LDVEH3	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
525	0608232JAN99	LDVEH3	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
526	0608232JAN99	LDVEH3	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
527	0608232JAN99	LDVEH3	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
528	0608232JAN99	LDVEH3	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
529	0608232JAN99	SOF	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
530	0608232JAN99	SOF	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
531	0608232JAN99	SOF	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
532	0608232JAN99	SOF	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
533	0608232JAN99	SOF	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
534	0608232JAN99	SOF	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
535	0608232JAN99	SOF	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
536	0608232JAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
537	0608232JAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
538	0608232JAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
539	0608232JAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
540	0608232JAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
541	0608232JAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
542	0608232JAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
543	0608232JAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
544	0608232JAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
545	0608232JAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
546	0608232JAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
547	0608232JAN99	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED LIGHT_ARMOR UNIT	6	LDVEH2
548	0608232JAN99	INF_HIP	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	HILLIFY
549	0608232JAN99	INF_HIP	MANCON_4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	HILLIFY
550	0608232JAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG
551	0608232JAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG
552	0608232JAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	ENG

A	B	C	D	E	F	G	H
822	060825ZJAN99	AGAIR	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	4	INF_A2/P
823	060825ZJAN99	AGAIR	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	4	INF_A2/P
824	060825ZJAN99	AGAIR	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	4	INF_A2/P
825	060825ZJAN99	AGAIR	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	4	INF_A2/P
826	060825ZJAN99	AGAIR	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	4	INF_A2/P
827	060825ZJAN99	INF_A2/P	MANCON 4	VISUAL DETECT CHANGE	DETECTION IS A SQUADRON SIZED AIR SQUADRON UNIT	5	AGAIR
828	060825ZJAN99	INF_A2/P	MANCON 4	VISUAL DETECT CHANGE	DETECTION IS A SQUADRON SIZED AIR SQUADRON UNIT	5	AGAIR
829	060825ZJAN99	TANK2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	AGAIR
830	060825ZJAN99	INF_A1/P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK2
831	060825ZJAN99	INF_A1/P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	TANK2
832	060825ZJAN99	AA86	AGCON 1	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT	4	TANK2
833	060825ZJAN99	AA86	AGCON 1	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT	4	TANK2
834	060825ZJAN99	GCAS5	MANCON 2	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT	4	TANK2
835	060825ZJAN99	GCAS5	MANCON 2	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT	4	TANK2
836	060825ZJAN99	GCAS11	MANCON 3, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT	4	TANK2
837	060825ZJAN99	LDVEH3	AGCON 1	STATUS CHANGE	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT	4	TANK2
838	060825ZJAN99	VF_RED	MANCON 5	ASSESSMENT REPORT	UNDER AIR ATTACK	4	LDVEH3
839	060825ZJAN99	VF_RED	MANCON 5	ASSESSMENT REPORT	AIR TO SURFACE RCAS11	4	LDVEH3
840	060825ZJAN99	SOF	MANCON 6	ASSESSMENT REPORT	AIR TO SURFACE RCAS11	4	LDVEH3
841	060825ZJAN99	SOF	MANCON 6	ASSESSMENT REPORT	AIR TO SURFACE RCAS11	4	LDVEH3
842	060825ZJAN99	LDVEH3	AGCON 1	ASSESSMENT REPORT	AIR TO SURFACE RCAS11	4	LDVEH3
843	060825ZJAN99	LDVEH3	AGCON 1	ASSESSMENT REPORT	AIR TO SURFACE RCAS11	4	LDVEH3
844	060825ZJAN99	INF_HIP	MANCON 3	ASSESSMENT REPORT	AIR TO SURFACE RCAS11	4	LDVEH3
845	060825ZJAN99	INF_HIP	MANCON 3	ASSESSMENT REPORT	AIR TO SURFACE RCAS11	4	LDVEH3
846	060825ZJAN99	GCAS20	MANCON 3	UNIT BARRIER STATUS	WITHIN BARRIER MOUNTAIN NAMED HILL	4	LDVEH3
847	060825ZJAN99	GCAS20	MANCON 2	UNIT MOVE	COMINGING MOVEMENT	4	LDVEH3
848	060825ZJAN99	SILK4	AGCON 1	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT	4	LDVEH3
849	060825ZJAN99	VF_GREEN	MANCON 2	STATUS CHANGE	RECEIVING AIR-TO-SURFACE FIRE	4	NORTH RD
850	060825ZJAN99	VF_GREEN	MANCON 2	ASSESSMENT REPORT	AIR TO SURFACE GCAS20	4	NORTH RD
851	060825ZJAN99	CG	MANCON 2	ASSESSMENT REPORT	AIR TO SURFACE GCAS20	4	NORTH RD
852	060825ZJAN99	CG	MANCON 2	ASSESSMENT REPORT	AIR TO SURFACE GCAS20	4	NORTH RD
853	060825ZJAN99	AGAIR1	AGCON 1	VISUAL DETECT CHANGE	DETECTION IS A SQUADRON SIZED AIR SQUADRON UNIT	2	COMAIR
854	060825ZJAN99	SILK5	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	INF_HIP
855	060825ZJAN99	SILK5	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	INF_HIP
856	060825ZJAN99	INF_HIP	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	INF_A2/P
857	060825ZJAN99	INF_A2/P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	SILK5
858	060825ZJAN99	GCAS20	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	SILK5
859	060825ZJAN99	GCAS20	MANCON 2	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	SILK5
860	060825ZJAN99	GCAS11	MANCON 5, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT	4	BR2
861	060825ZJAN99	GCAS11	MANCON 5, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT	4	BR2
862	060825ZJAN99	GCAS5	MANCON 2	ASSESSMENT REPORT	AIR TO SURFACE RCAS12	4	INF_HIP
863	060825ZJAN99	GCAS5	MANCON 2	ASSESSMENT REPORT	AIR TO SURFACE RCAS12	4	INF_HIP
864	060825ZJAN99	CG	MANCON 2	ASSESSMENT REPORT	HAS TERMINATED ENGAGEMENT, NO LOS	4	SILK5
865	060825ZJAN99	INF_A2/P	MANCON 4	UNIT DESTINATION	HAS TERMINATED ENGAGEMENT, NO LOS	4	SILK5
866	060825ZJAN99	INF_A2/P	MANCON 4	UNIT DESTINATION	HAS TERMINATED ENGAGEMENT, NO LOS	4	SILK5
867	060825ZJAN99	GCAS20	MANCON 2	UNIT MOVE	HAS TERMINATED ENGAGEMENT, NO LOS	4	SILK5
868	060825ZJAN99	GCAS11	MANCON 5, MANCON 6	UNIT MOVE	HAS TERMINATED ENGAGEMENT, NO LOS	4	SILK5
869	060825ZJAN99	GCAS5	MANCON 2	ASSESSMENT REPORT	AIR MISSION HAS REACHED FINAL LAND POINT	4	SILK5
870	060825ZJAN99	CG	MANCON 2	ASSESSMENT REPORT	AIR MISSION HAS REACHED FINAL LAND POINT	4	SILK5
871	060825ZJAN99	INF_A2/P	MANCON 4	UNIT DESTINATION	COMINGING MOVEMENT	4	SILK5
872	060825ZJAN99	INF_A2/P	MANCON 4	UNIT DESTINATION	HAVE REACHED ASSIGNED DESTINATION	4	LDVEH3
873	060825ZJAN99	SOF	MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH3
874	060825ZJAN99	SOF	MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH3
875	060825ZJAN99	SOF	MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH3
876	060825ZJAN99	SOF	MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH3
877	060825ZJAN99	SOF	MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH3
878	060825ZJAN99	SOF	MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	LDVEH3
879	060825ZJAN99	LDVEH2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
880	060825ZJAN99	LDVEH2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
881	060825ZJAN99	LDVEH2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
882	060825ZJAN99	LDVEH2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
883	060825ZJAN99	LDVEH2	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
884	060825ZJAN99	LDVEH3	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
885	060825ZJAN99	LDVEH3	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
886	060825ZJAN99	LDVEH3	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
887	060825ZJAN99	LDVEH3	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
888	060825ZJAN99	LDVEH3	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
889	060825ZJAN99	LDVEH3	AGCON 1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
890	060825ZJAN99	SOF	MANCON 6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	6	LDVEH2

	I	J	K	L	M	N	O	P	Q	R	S	T	U
622	32SPF728830		M-16	132									
623	32SPF728830		SAW	27									
624	32SPF728830		M-203	27									
625	32SPF728830		M240-MG	6									
626	32SPF728830		SMAW	6									
627	32SPF727830		TROOPS	244									
628	32SPF727830		M-16	218									
629	32SPF20515		TROOPS	182									
630	32SPG866293		HMMWV-TOW	8									
631	32SPG866293		MIAT	13									
632													
633													
634													
635													
636													
637													
638			TROOPS	12	4								
639			LAV-MTR	0	0								
640			TROOPS	12	4								
641			LAV-MTR	0	0								
642			TROOPS	12	4								
643			LAV-MTR	0	0								
644													
645													
646													
647													
648		No damage assessed.	CE_PRODUCT	0	0								
649			TROOPS	1	0								
650		No damage assessed.	CE_PRODUCT	0	0								
651			TROOPS	1	0								
652	32SPF623620		BOEING-747	48									
653	32SPF781707		TROOPS	142									
654	32SPF78705		TROOPS	182									
655	32SPF65875		TROOPS	7									
656	32SPF666877		TROOPS	7									
657													
658		E Product damage level increased 89 percent.	CE_PRODUCT	0	0								
659		E Product damage level increased 89 percent.	CE_PRODUCT	0	0								
660													
661													
662													
663													
664													
665													
666													
667													
668													
669		NO ASSESSMENT											
670		NO ASSESSMENT											
671													
672													
673	32SPF78747		LAV-LOG	3									
674	32SPF78747		LAV-COMMAND	1									
675	32SPF78747		LAV-AT	4									
676	32SPF78747		LAV-25	13									
677	32SPF78747		TROOPS	67									
678	32SPF804528		5.0-TRUCK	3									
679	32SPF804528		MCLIC	7									
680	32SPF804528		ACE	4									
681	32SPF804528		HMMWV	9									
682	32SPF804528		SEE	2									
683	32SPF804528		TROOPS	82									
684	32SPF869925		5.0-TRUCK	3									
685	32SPF869925		MCLIC	7									
686	32SPF869925		ACE	4									
687	32SPF869925		HMMWV	9									
688	32SPF869925		SEE	2									
689	32SPF869925		TROOPS	82									
690	32SPG72230		LAV-MTR	2									

060825ZJAN89

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A	B	C	D	E	F	G	H
760	060322ZJAN99	SILK4	32SPF741745	AGCON 1	UNIT DEFENSIVE MISSION		SILK4
761	060322ZJAN99	GROUND ENGAGEMENT 5	32SPG06045	AGCON 1,MANCON 4	Initial engagement:		INF_A1/P
762	060322ZJAN99	GROUND ENGAGEMENT 5	32SPG06045	AGCON 1,MANCON 4	Initial engagement:		SILK4
763	060322ZJAN99	GROUND ENGAGEMENT 5	32SPG06045	AGCON 1,MANCON 4	Cumulative losses:		SILK4
764	060322ZJAN99	GROUND ENGAGEMENT 5	32SPG06045	AGCON 1,MANCON 4	Incremental losses:		SILK4
765	060322ZJAN99	SILK4	32SPF741745	AGCON 1	HAS TERMINATED ENGAGEMENT, NO LOS		INF_A1/P
766	060322ZJAN99	INF A1/P	32SPG06045	MANCON 4	HAS INITIATED ENGAGEMENT		SILK4
767	060322ZJAN99	MED2	32SPF732333	MANCON 3	HAS INITIATED ENGAGEMENT		AGSUP
768	060322ZJAN99	MED2	32SPF732333	MANCON 3	DETECTION IS A COMPANY SIZED MEDICAL UNIT		MED2
769	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION IS A COMPANY SIZED MEDICAL UNIT		MED2
770	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION IS A COMPANY SIZED MEDICAL UNIT		MED2
771	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION IS A COMPANY SIZED MEDICAL UNIT		MED2
772	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION IS A COMPANY SIZED MEDICAL UNIT		MED2
773	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION IS A COMPANY SIZED MEDICAL UNIT		MED2
774	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION IS A COMPANY SIZED MEDICAL UNIT		MED2
775	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION IS A COMPANY SIZED MEDICAL UNIT		MED2
776	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION IS A COMPANY SIZED MEDICAL UNIT		MED2
777	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION IS A COMPANY SIZED MEDICAL UNIT		MED2
778	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION IS A SQUADRON SIZED AIR SQUADRON UNIT		MED2
779	060322ZJAN99	MED2	32SPF732333	MANCON 3	DETECTION IS A SQUADRON SIZED AIR SQUADRON UNIT		MED2
780	060322ZJAN99	MED2	32SPF732333	MANCON 3	DETECTION HAS BEEN LOST		AGAIR
781	060322ZJAN99	AGSUP	32SPF728329	AGCON 1	DETECTION HAS BEEN LOST		ENG
782	060322ZJAN99	AGSUP	32SPF728329	AGCON 1	DETECTION HAS BEEN LOST		ENG
783	060322ZJAN99	AGSUP	32SPF728329	AGCON 1	DETECTION HAS BEEN LOST		ENG
784	060322ZJAN99	AGSUP	32SPF728329	AGCON 1	DETECTION HAS BEEN LOST		ENG
785	060322ZJAN99	AGSUP	32SPF728329	AGCON 1	DETECTION HAS BEEN LOST		ENG
786	060322ZJAN99	AGSUP	32SPF728329	AGCON 1	DETECTION HAS BEEN LOST		ENG
787	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN LOST		ENG
788	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN LOST		ENG
789	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN LOST		ENG
790	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN LOST		ENG
791	060322ZJAN99	ENG	32SPF740933	MANCON 6	DETECTION HAS BEEN LOST		ENG
792	060322ZJAN99	ENG	32SPF740933	MANCON 6	DETECTION HAS BEEN LOST		ENG
793	060322ZJAN99	INF_H/P	32SPG06045	MANCON 4	DETECTION HAS BEEN LOST		AGAIR
794	060322ZJAN99	INF_H/P	32SPG06045	MANCON 4	DETECTION HAS BEEN LOST		AGSUP
795	060322ZJAN99	INF_A1/P	32SPG06045	MANCON 4	COMMENCING MOVEMENT		
796	060322ZJAN99	INF_A1/P	32SPG06045	MANCON 4	COMMENCING MOVEMENT		
797	060322ZJAN99	GROUND ENGAGEMENT 1	32SPF811831	MANCON 3,AGCON 1	HAVE REACHED ASSIGNED DESTINATION		INF_H/B
798	060322ZJAN99	GROUND ENGAGEMENT 1	32SPF811831	MANCON 3,AGCON 1	HAVE REACHED ASSIGNED DESTINATION		HILLIFY
799	060322ZJAN99	GROUND ENGAGEMENT 1	32SPF811831	MANCON 3,AGCON 1	Initial engagement:		INF_H/B
800	060322ZJAN99	GROUND ENGAGEMENT 1	32SPF811831	MANCON 3,AGCON 1	Initial engagement:		HILLIFY
801	060322ZJAN99	GROUND ENGAGEMENT 1	32SPF811831	MANCON 3,AGCON 1	Cumulative losses:		INF_H/B
802	060322ZJAN99	AGSUP	32SPF728329	AGCON 1	Incremental losses:		INF_H/B
803	060322ZJAN99	AGSUP	32SPF728329	AGCON 1	IS ENGAGED		MED2
804	060322ZJAN99	AGSUP	32SPF728329	AGCON 1	UNIT IS NO LONGER COMBAT EFFECTIVE		
805	060322ZJAN99	INF_A2/P	32SPF727829	MANCON 4	HAS TERMINATED ENGAGEMENT		AGSUP
806	060322ZJAN99	AGSUP	32SPF727829	MANCON 4	HAS TERMINATED ENGAGEMENT		MED2
807	060322ZJAN99	MED2	32SPF732333	MANCON 3	HAS TERMINATED ENGAGEMENT		AGSUP
808	060322ZJAN99	GCA37	32SPG060003	MANCON 2	HAS TERMINATED ENGAGEMENT		
809	060322ZJAN99	GCA37	32SPG060003	MANCON 2	AIR MISSION HAS REACHED FINAL LAND POINT		
810	060322ZJAN99	INF_A1/P	32SPG060003	MANCON 2	COMMENCING MOVEMENT		
811	060322ZJAN99	INF_A1/P	32SPG060003	MANCON 2	HAVE REACHED ASSIGNED DESTINATION		
812	060322ZJAN99	AGAIR	32SPG060003	MANCON 4	DETECTION HAS BEEN TEMPORARILY LOST		MED2
813	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN TEMPORARILY LOST		MED2
814	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN TEMPORARILY LOST		MED2
815	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN TEMPORARILY LOST		MED2
816	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN TEMPORARILY LOST		MED2
817	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN TEMPORARILY LOST		MED2
818	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN TEMPORARILY LOST		MED2
819	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN TEMPORARILY LOST		MED2
820	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN TEMPORARILY LOST		MED2
821	060322ZJAN99	AGAIR	32SPF728330	AGCON 1	DETECTION HAS BEEN TEMPORARILY LOST		MED2
822	060322ZJAN99	MED2	32SPG060003	MANCON 3	DETECTION HAS BEEN TEMPORARILY LOST		AGAIR
823	060322ZJAN99	MED2	32SPG060003	MANCON 3	DETECTION HAS BEEN TEMPORARILY LOST		AGAIR

4. Parsed Data File 2 from 3-1-99_J61J62_V2

The following is the second of the parsed data files produced from an example six-node run. This parsed data file includes only data from the beginning of the run sequence of the scenario. The data was always parsed twice to ensure that no data was lost or left out.

I	J	K	L	M	N	O	P	Q	R	S	T	U
1	2	3	4	5	6	7	8	9	10	11	12	13
UTM2	STATUS	TYPE	# UNITS	WIA	KIA	K_KILLED	M_KILLED	F_KILLED	UNDAMAGED	NON MISS CAPABLE	DESTROYED	DTG2
1												
2												
3												
4												
5	32SPF720461	5.0-TRUCK	3						1		0	0
6	32SPF720461	ICLIC	7									
7	32SPF720461	X-TANK	4									
8	32SPF720461	HMMWV	6									
9	32SPF720461	SEE	2									
10	32SPG713006	5.0-TRUCK	3									
11	32SPG713006	ICLIC	7									
12	32SPG713006	X-TANK	4									
13	32SPG713006	HMMWV	9									
14	32SPG713006	SEE	2									
15	32SPF720461	TROOPS	182									
16	32SPF720461	TROOPS	182									
17	32SPF720461	TROOPS	182									
18	32SPF720461	TROOPS	182									
19	32SPF720461	AT-LUS	9									
20	32SPF720461	60MM-MTR	3									
21	32SPF720461	M-16	132									
22	32SPF720461	SAW	27									
23	32SPF720461	M-203	27									
24	32SPF720461	M240-MG	6									
25	32SPF720461	SMAW	6									
26												
27												
28	32SPF720461	TROOPS	182									
29	32SPF720461	AT-LUS	9									
30	32SPF720461	60MM-MTR	3									
31	32SPF720461	M-16	132									
32	32SPF720461	SAW	27									
33	32SPF720461	M-203	27									
34	32SPF720461	M240-MG	6									
35	32SPF720461	SMAW	6									
36	32SPF720461	TRAILER-WATER-300G	3									
37	32SPF720461	5.0-TRUCK	3									
38	32SPF720461	HMMWV-AMBUL	9									
39	32SPF720461	HMMWV	3									
40	32SPF720461	TROOPS	201									
41	32SPF720461	50CAL-MG	1									
42	32SPG724059	TROOPS	142									
43	32SPG724059	AT-LUS	9									
44	32SPG724059	60MM-MTR	3									
45	32SPG724059	M-16	132									
46	32SPG724059	SAW	27									
47	32SPG724059	M-203	27									
48	32SPG724059	M240-MG	6									
49	32SPG724059	SMAW	6									
50												
51												
52												
53												060928ZJAN99
54	32SPF720461	TRAILER-WATER-300G	3									
55	32SPF720461	5.0-TRUCK	3									
56	32SPF720461	HMMWV-AMBUL	9									
57	32SPF720461	HMMWV	3									
58	32SPF720461	TROOPS	201									
59	32SPF720461	50CAL-MG	1									
60	32SPF720461	SAW	2									
61	32SPF720461	AT-LUS	2									
62	32SPF720461	M-16	216									
63	32SPF720461	M240-MG	1									
64	32SPG713006	5.0-TRUCK	3									
65	32SPG713006	ICLIC	7									
66	32SPG713006	X-TANK	4									
67	32SPG713006	HMMWV	9									
68	32SPG713006	SEE	2									
69	32SPG713006	TRAILER-WATER-300G	3									

A	B	C	D	E	F	G	H
139	0608092ZJAN89	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	SILK5
140	0608102ZJAN89	ENG	MANCON_6	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT	3	HILLIFY
141	0608112ZJAN89	ENG	MANCON_6	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT	2	HILLIFY
142	060812ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	HILLIFY
143	060813ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	SILK5
144	060814ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	SILK5
145	060815ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	TANK1
146	060816ZJAN89	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1
147	060817ZJAN89	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK1
148	060818ZJAN89	ENG	MANCON_6	VISUAL DETECT	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1
149	060819ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1
150	060820ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1
151	060821ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1
152	060822ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK1
153	060823ZJAN89	ENG	MANCON_6	ENGAGEMENT STATUS CHANGE	IS ENGAGED	4	TANK1
154	060824ZJAN89	ENG	MANCON_6	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	4	TANK1
155	060825ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	5	AGAIR
156	060826ZJAN89	ENG	MANCON_6	VISUAL DETECT	HAVE DETECTED SQUADRON SIZED AVIATION UNIT	5	AGAIR
157	060827ZJAN89	ENG	MANCON_6	VISUAL DETECT	DETECTION HAS BEEN TEMPORARILY LOST	5	AGAIR
158	060828ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	AGAIR
159	060829ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	5	AGAIR
160	060830ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	6	HILLIFY
161	060831ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	HILLIFY
162	060832ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	SILK5
163	060833ZJAN89	ENG	MANCON_6	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	SILK5
164	060834ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
165	060835ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
166	060836ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
167	060837ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
168	060838ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
169	060839ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
170	060840ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
171	060841ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
172	060842ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
173	060843ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
174	060844ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
175	060845ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
176	060846ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
177	060847ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
178	060848ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
179	060849ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
180	060850ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
181	060851ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
182	060852ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
183	060853ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
184	060854ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
185	060855ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
186	060856ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
187	060857ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
188	060858ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
189	060859ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
190	060860ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
191	060861ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
192	060862ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
193	060863ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
194	060864ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
195	060865ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
196	060866ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
197	060867ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
198	060868ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
199	060869ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
200	060870ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
201	060871ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
202	060872ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
203	060873ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
204	060874ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
205	060875ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
206	060876ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5
207	060877ZJAN89	ENG	MANCON_6	OBJECT DETECT	HAVE DETECTED STRUCTURE	3	SILK5

	I	J	K	L	M	N	O	P	Q	R	S	T	U
139	32SPF635851		TROOPS										
140													
141													
142	32SPF643935		HMMWV-40MM-MG	1									
143	32SPF643938		TROOPS	2									
144	32SPF627978		D-20	1									
145	32SPF627978		TROOPS	8									
146	32SPF773888		HMMWV-TOW	8									
147	32SPF73888		M1A1	14									
148	32SPF73888		TROOPS	6									
149	32SPF655913		HMMWV-TOW	6									
150	32SPF655913		M1A1	14									
151	32SPF655913		TROOPS	4									
152													
153													
154	32SPF728433												
155	32SPF728433		D-20	1									
156	32SPF728433		TROOPS	8									
157	32SPF708822												
158	32SPF708822												
159	32SPF651991		HMMWV-40MM-MG	1									
160	32SPF651991		TROOPS	2									
161	32SPG353031		D-20	1									
162	32SPG353031		TROOPS	6									
163	32SPG030064												
164	32SPG420051												
165	32SPG10040												
166	32SPG814049		TROOPS	8									
167													
168	32SPF728979		LAV-MTR	2									
169	32SPF728979		LAV-LOG	3									
170	32SPF728979		LAV-COMMAND	1									
171	32SPF728979		LAV-AT	4									
172	32SPF728979		LAV-25	13									
173	32SPF728979		TROOPS	63									
174	32SPG732013		LAV-MTR	2									
175	32SPG732013		LAV-LOG	3									
176	32SPG732013		LAV-COMMAND	1									
177	32SPG732013		LAV-AT	4									
178	32SPG732013		LAV-25	13									
179	32SPG732013		TROOPS	63									
180	32SPG613029		HMMWV-TOW	6									
181	32SPG613029		M1A1	14									
182	32SPG613029		TROOPS	4									
183	32SPF619950		TROOPS	6									
184													
185													
186													
187													
188	32SPF564616		LAV-LOG	3									
189	32SPF564616		LAV-COMMAND	1									
190	32SPF564616		LAV-AT	4									
191	32SPF564616		LAV-25	13									
192	32SPF564616		TROOPS	67									
193	32SPG629215		LAV-MTR	2									
194	32SPG629215		LAV-LOG	3									
195	32SPG629215		LAV-COMMAND	1									
196	32SPG629215		LAV-AT	4									
197	32SPG629215		LAV-25	13									
198	32SPG629215		TROOPS	63									
199													
200													
201													
202	32SPF756816												
203	32SPF756816												
204													
205													
206													
207													

% 0 DAMAGED

A	B	C	D	E	F	G	H
209 060082ZJAN89	GCAS15	32SPG68020	MANCON 2	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
210 060082ZJAN89	GCAS2	32SPG687020	MANCON 2	AIR WPN LNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
211 0600810ZJAN89	GCAS2	32SPG974088	MANCON 2	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT		
212 060082ZJAN89	GCAS20	32SPG974088	MANCON 2	AIRCRAFT STAT			
213 060082ZJAN89	GCAS20	32SPG9817041	MANCON 2	AIR RTE POINT	AIR MISSION HAS REACHED ATTACK POINT		
214 060082ZJAN89	GCAS20	32SPG9806038	MANCON 2	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT		
215 0600817ZJAN89	GCAS3	32SPG732888	MANCON 2	AIRCRAFT STAT			
216 0600816ZJAN89	GCAS3	32SPG9606038	MANCON 2	AIR WPN LNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
217 0600816ZJAN89	GCAS3	32SPG9606038	MANCON 2	AIRCRAFT STAT			
218 0600820ZJAN89	GCAS4	32SPG687020	MANCON 2	AIR RTE POINT	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
219 0600820ZJAN89	GCAS4	32SPG9606038	MANCON 2	AIRCRAFT STAT			
220 0600820ZJAN89	GCAS4	32SPG9606038	MANCON 2	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT		
221 0600824ZJAN89	GCAS5	32SPG687020	MANCON 2	AIRCRAFT STAT			
222 0600825ZJAN89	GCAS5	32SPG9606038	MANCON 2	AIR WPN LNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
223 0600825ZJAN89	GCAS5	32SPG9606038	MANCON 2	AIRCRAFT STAT			
224 0600825ZJAN89	GCAS5	32SPG9606038	MANCON 2	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT		
225 0600827ZJAN89	GCAS6	32SPG687020	MANCON 2	AIRCRAFT STAT			
226 0600827ZJAN89	GCAS6	32SPG9606038	MANCON 2	AIR WPN LNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
227 0600827ZJAN89	GCAS7	32SPF730885	MANCON 2	AIRCRAFT STAT			
228 0600828ZJAN89	GCAS7	32SPG9606038	MANCON 2	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT		
229 0600828ZJAN89	GCAS7	32SPG9606038	MANCON 2	AIRCRAFT STAT			
230 0600811ZJAN89	GROUND ENGAGEMENT 1	32SPF808934	MANCON 3, AGCON 1, MANCON 4, MANCON 6	REPORT	Initial engagement:		INF_H/B
231 0600811ZJAN89	GROUND ENGAGEMENT 1	32SPF808934	MANCON 3, AGCON 1, MANCON 4, MANCON 6	REPORT	Initial engagement:		HILLIFY
232 0600811ZJAN89	GROUND ENGAGEMENT 1	32SPF808934	MANCON 3, AGCON 1, MANCON 4, MANCON 6	REPORT	Initial engagement:		INF_H/P
233 0600811ZJAN89	GROUND ENGAGEMENT 1	32SPF808934	MANCON 3, AGCON 1, MANCON 4, MANCON 6	REPORT	Initial engagement:		INF_A2/P
234 0600811ZJAN89	GROUND ENGAGEMENT 1	32SPF808934	MANCON 3, AGCON 1, MANCON 4, MANCON 6	REPORT	Initial engagement:		INF_A1/P
235 0600811ZJAN89	GROUND ENGAGEMENT 1	32SPF808934	MANCON 3, AGCON 1, MANCON 4, MANCON 6	REPORT	Initial engagement:		SILK5
236 0600811ZJAN89	GROUND ENGAGEMENT 1	32SPF808934	MANCON 3, AGCON 1, MANCON 4, MANCON 6	REPORT	Initial engagement:		ENG
237 0600811ZJAN89	GROUND ENGAGEMENT 1	32SPF808934	MANCON 3, AGCON 1, MANCON 4, MANCON 6	REPORT	Cumulative losses:		NORTH RD
238 0600811ZJAN89	GROUND ENGAGEMENT 1	32SPF808934	MANCON 3, AGCON 1, MANCON 4, MANCON 6	REPORT	Cumulative losses:		NORBOH
239 0600811ZJAN89	GROUND ENGAGEMENT 1	32SPF808934	MANCON 3, AGCON 1, MANCON 4, MANCON 6	REPORT	Cumulative losses:		
240 0600811ZJAN89	GROUND ENGAGEMENT 1	32SPF808934	MANCON 3, AGCON 1, MANCON 4, MANCON 6	REPORT	Cumulative losses:		
241 0600817ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Initial engagement:		INF_H/B
242 0600817ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Initial engagement:		HILLIFY
243 0600817ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Initial engagement:		INF_H/B
244 0600817ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Cumulative losses:		INF_H/B
245 0600817ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Cumulative losses:		HILLIFY
246 0600823ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Initial engagement:		INF_H/B
247 0600823ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Initial engagement:		INF_H/B
248 0600823ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Initial engagement:		INF_H/B
249 0600823ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Cumulative losses:		HILLIFY
250 0600823ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Cumulative losses:		HILLIFY
251 0600829ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Initial engagement:		INF_H/B
252 0600829ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Initial engagement:		INF_H/B
253 0600829ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Cumulative losses:		HILLIFY
254 0600829ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Cumulative losses:		INF_H/B
255 0600829ZJAN89	GROUND ENGAGEMENT 1	32SPF841931	MANCON 3, AGCON 1	REPORT	Incremental losses:		INF_H/B
256 0600816ZJAN89	GROUND ENGAGEMENT 2	32SPF717763	AGCON 1, MANCON 4	REPORT	Initial engagement:		INF_H/B
257 0600816ZJAN89	GROUND ENGAGEMENT 3	32SPF764996	AGCON 1, MANCON 4	REPORT	Initial engagement:		AGAIR
258 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Initial engagement:		INF_H/P
259 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Initial engagement:		AGSUP
260 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Initial engagement:		SILK5
261 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Initial engagement:		INF_A2/P
262 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Initial engagement:		AGAIR
263 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Cumulative losses:		SILK5
264 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Cumulative losses:		AGSUP
265 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Incremental losses:		INF_H/P
266 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Incremental losses:		INF_H/P
267 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Incremental losses:		AGSUP
268 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Incremental losses:		AGAIR
269 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Incremental losses:		SILK5
270 0600825ZJAN89	GROUND ENGAGEMENT 4	32SPF728845	AGCON 1, MANCON 4	REPORT	Incremental losses:		SILK4
271 0600825ZJAN89	GROUND ENGAGEMENT 5	32SPF725977	AGCON 1, MANCON 4, MANCON 6	REPORT	Initial engagement:		INF_A1/P
272 0600825ZJAN89	GROUND ENGAGEMENT 5	32SPF725977	AGCON 1, MANCON 4, MANCON 6	REPORT	Initial engagement:		ENG
273 0600825ZJAN89	GROUND ENGAGEMENT 5	32SPF725977	AGCON 1, MANCON 4, MANCON 6	REPORT	Initial engagement:		LDVEH2
274 0600825ZJAN89	GROUND ENGAGEMENT 5	32SPF725977	AGCON 1, MANCON 4, MANCON 6	REPORT	Initial engagement:		LDVEH3
275 0600825ZJAN89	GROUND ENGAGEMENT 5	32SPF725977	AGCON 1, MANCON 4, MANCON 6	REPORT	Initial engagement:		SILK4
276 0600825ZJAN89	GROUND ENGAGEMENT 5	32SPF725977	AGCON 1, MANCON 4, MANCON 6	REPORT	Cumulative losses:		

I	J	K	L	M	N	O	P	Q	R	S	T	U
271		TROOPS										060824ZJAN89
272												060824ZJAN89
273												
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A	B	C	D	E	F	G	H
346	060814ZJAN89	INF A1P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
347	060814ZJAN89	INF A1P	MANCON 4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK2
348	060814ZJAN89	INF A1P	MANCON 4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK2
349	060814ZJAN89	INF A1P	MANCON 4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	4	TANK2
350	060815ZJAN89	INF A1P	MANCON 4	OBJECT DETECT	HAVE DETECTED BRIDGE		
351	060815ZJAN89	INF A1P	MANCON 4	OBJECT DETECT	HAVE DETECTED BRIDGE		
352	060815ZJAN89	INF A1P	MANCON 4	OBJECT DETECT	HAVE DETECTED RIVER		
353	060815ZJAN89	INF A1P	MANCON 4	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.39168<=2.00000)		
354	060815ZJAN89	INF A1P	MANCON 4	ENGAGEMENT STATUS CHANGE	COMMENCING MOVEMENT		TANK2
355	060815ZJAN89	INF A1P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
356	060815ZJAN89	INF A1P	MANCON 4	OBJECT DETECT	HAVE DETECTED BRIDGE		
357	060815ZJAN89	INF A1P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK2
358	060815ZJAN89	INF A1P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK2
359	060815ZJAN89	INF A1P	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS ASSUMED DEFENSIVE MISSION, NO LOS	4	TANK2
360	060815ZJAN89	INF A1P	MANCON 4	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.39168<=2.00000)		
361	060815ZJAN89	INF A1P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
362	060815ZJAN89	INF A1P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
363	060820ZJAN89	INF A1P	MANCON 4	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.39168<=2.00000)	2	HILLIFY
364	060820ZJAN89	INF A1P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	HILLIFY
365	060820ZJAN89	INF A1P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	HILLIFY
366	060820ZJAN89	INF A1P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	SILKS
367	060823ZJAN89	INF A1P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	SILKS
368	060823ZJAN89	INF A1P	MANCON 4	OBJECT DETECT	HAVE DETECTED STRUCTURE		
369	060823ZJAN89	INF A1P	MANCON 4	OBJECT DETECT	HAVE DETECTED STRUCTURE		
370	060823ZJAN89	INF A1P	MANCON 4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	5	SILK4
371	060823ZJAN89	INF A1P	MANCON 4	ENGAGEMENT STATUS CHANGE	COMMENCING MOVEMENT		SILK4
372	060823ZJAN89	INF A1P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
373	060823ZJAN89	INF A1P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	TANK2
374	060827ZJAN89	INF A1P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	4	TANK2
375	060828ZJAN89	INF A1P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	4	TANK2
376	060828ZJAN89	INF A1P	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	5	SILK4
377	060828ZJAN89	INF A1P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
378	060830ZJAN89	INF A1P	MANCON 4	UNIT DESTINATION	HAVE REACHED ASSIGNED DESTINATION		
379	060830ZJAN89	INF A1P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
380	060830ZJAN89	INF A1P	MANCON 4	UNIT DESTINATION	HAVE REACHED ASSIGNED DESTINATION		
381	060813ZJAN89	INF A2P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
382	060813ZJAN89	INF A2P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	HILLIFY
383	060813ZJAN89	INF A2P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	HILLIFY
384	060813ZJAN89	INF A2P	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS	2	HILLIFY
385	060813ZJAN89	INF A2P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
386	060813ZJAN89	INF A2P	MANCON 4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	3	TANK1
387	060813ZJAN89	INF A2P	MANCON 4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	3	TANK1
388	060814ZJAN89	INF A2P	MANCON 4	VISUAL DETECT	HAVE DETECTED COMPANY SIZED TANK UNIT	3	TANK1
389	060814ZJAN89	INF A2P	MANCON 4	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.39644<=2.00000)		
390	060815ZJAN89	INF A2P	MANCON 4	ENGAGEMENT STATUS CHANGE	COMMENCING MOVEMENT		
391	060815ZJAN89	INF A2P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	TANK1
392	060815ZJAN89	INF A2P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	3	TANK1
393	060815ZJAN89	INF A2P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
394	060815ZJAN89	INF A2P	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS TERMINATED ENGAGEMENT, NO LOS		
395	060815ZJAN89	INF A2P	MANCON 4	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.39644<=2.00000)		
396	060815ZJAN89	INF A2P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
397	060820ZJAN89	INF A2P	MANCON 4	UNIT DEFENSIVE MISSION	HAS ASSUMED DEFENSIVE MISSION DUE TO CPR (0.39644<=2.00000)		
398	060821ZJAN89	INF A2P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
399	060821ZJAN89	INF A2P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	HILLIFY
400	060822ZJAN89	INF A2P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	2	HILLIFY
401	060822ZJAN89	INF A2P	MANCON 4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	SILKS
402	060823ZJAN89	INF A2P	MANCON 4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	5	AGAIR
403	060823ZJAN89	INF A2P	MANCON 4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	6	AGSUP
404	060823ZJAN89	INF A2P	MANCON 4	VISUAL DETECT	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	4	SILKS
405	060823ZJAN89	INF A2P	MANCON 4	VISUAL DETECT CHANGE	DETECTION IS A SECTION SIZED AVIATION UNIT		
406	060823ZJAN89	INF A2P	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		
407	060823ZJAN89	INF A2P	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		
408	060823ZJAN89	INF A2P	MANCON 4	ENGAGEMENT STATUS CHANGE	HAS INITIATED ENGAGEMENT		
409	060824ZJAN89	INF A2P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	TANK1
410	060824ZJAN89	INF A2P	MANCON 4	VISUAL DETECT STATUS	DETECTION HAS BEEN LOST	3	TANK1
411	060824ZJAN89	INF A2P	MANCON 4	UNIT MOVE	COMMENCING MOVEMENT		
412	060825ZJAN89	INF A2P	MANCON 4	UNIT DESTINATION	HAVE REACHED ASSIGNED DESTINATION		
413	060825ZJAN89	INF A2P	MANCON 4	VISUAL DETECT CHANGE	DETECTION IS A SQUADRON SIZED AIR SQUADRON UNIT	5	AGAIR
414	060825ZJAN89	INF A2P	MANCON 4	VISUAL DETECT CHANGE	DETECTION IS A SQUADRON SIZED AIR SQUADRON UNIT		

I	J	K	L	M	N	O	P	Q	R	S	T	U
346												060812ZJAN99
347	32SPF743980	HMMWV-TOW										
348	32SPF743990	MIA1	8									
349	32SPF743990	TROOPS	14									
350	32SPF73992		8									
351	32SPF742979	% 0 DAMAGED										
352												
353												
354												060815ZJAN99
355	32SPG740005	% 0 DAMAGED										
356	32SPG84244	HMMWV-TOW	8									
357	32SPG84244	MIA1	13									
358												
359												
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361												
362												
363	32SPF833992	HMMWV-40MM-MG	1									
364	32SPF833992	TROOPS	2									
365	32SPG817027	D-20	1									
366	32SPG817027	TROOPS	6									
367	32SPG803064											
368	32SPG820051											
369	32SPG816040	TROOPS	8									
370												
371												
372	32SPG866293	HMMWV-TOW	8									060923ZJAN99
373	32SPG866293	MIA1	13									
374	32SQF083920	TROOPS	8									
375												
376												
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378												
379												
380												
381	32SPF837833	HMMWV-40MM-MG	1									
382	32SPF837833	TROOPS	2									
383												
384												
385	32SPF73886	HMMWV-TOW	8									060812ZJAN99
386	32SPF73886	MIA1	14									
387	32SPF73886	TROOPS	6									
388												
389	32SPF40909	HMMWV-TOW	8									
390	32SPF40909	MIA1	14									
391	32SPF40909	TROOPS	4									
392	32SPF40909											
393												
394												
395												
396												
397												
398	32SPF71946	HMMWV-40MM-MG	1									
399	32SPF71946	TROOPS	2									
400	32SPF71946	D-20	1									
401	32SPF71946	TROOPS	267									
402	32SPF72884	TROOPS	160									
403	32SPF72883	D-20	1									
404	32SPF71940	TROOPS	8									
405	32SPF71940											
406												
407												
408	32SPF593868	HMMWV-TOW	8									
409	32SPF593868	MIA1	14									
410	32SPF593868	TROOPS	4									
411	32SPF593868											
412												
413												
414	32SPF727630	TROOPS	244									060825ZJAN99

A	B	C	D	E	F	G	H
415	060826ZJAN89	INF A2P	MANCON 4	32SPF727830	DETECTION IS A SQUADRON SIZED AIR SQUADRON UNIT	5	AGAIR
416	060828ZJAN89	INF A2P	MANCON 4	32SPF727830	DETECTION HAS BEEN TEMPORARILY LOST	4	SILKS
417	060830ZJAN89	INF A2P	MANCON 4	32SPF727830	HAS TERMINATED ENGAGEMENT, NO LOS	4	SILKS
418	060832ZJAN89	INF A2P	MANCON 4	32SPF727829	COMMENCING MOVEMENT		
419	060834ZJAN89	INF A2P	MANCON 4	32SPF727829	HAVE REACHED ASSIGNED DESTINATION		AGSUP
420	060836ZJAN89	INF A2P	MANCON 3	32SPF641931	HAS TERMINATED ENGAGEMENT		
421	060838ZJAN89	INF H/B	MANCON 3	32SPF641931	WITHIN BARRIER MOUNTAIN NAMED HILL		
422	060840ZJAN89	INF H/B	MANCON 3	32SPF642931	COMMENCING MOVEMENT		
423	060842ZJAN89	INF H/B	MANCON 3	32SPF642931	HAVE DETECTED SECTION SIZED ARTILLERY UNIT	3	SILKS
424	060844ZJAN89	INF H/B	MANCON 3	32SPF642931	HAS INITIATED ENGAGEMENT	3	SILKS
425	060846ZJAN89	INF H/B	MANCON 3	32SPF642931	DETECTION HAS BEEN TEMPORARILY LOST	3	SILKS
426	060848ZJAN89	INF H/B	MANCON 3	32SPF642931	DETECTION HAS BEEN TEMPORARILY LOST	3	SILKS
427	060850ZJAN89	INF H/B	MANCON 3	32SPF642931	HAS TERMINATED ENGAGEMENT, NO LOS	3	SILKS
428	060852ZJAN89	INF H/B	MANCON 3	32SPF642931	WITHIN BARRIER MOUNTAIN NAMED HILL		
429	060854ZJAN89	INF H/B	MANCON 3	32SPF642931	COMMENCING MOVEMENT		
430	060856ZJAN89	INF H/B	MANCON 3	32SPF640931	HAVE REACHED ASSIGNED DESTINATION		
431	060858ZJAN89	INF H/B	MANCON 3	32SPF640931	DETECTION HAS BEEN LOST	3	SILKS
432	060860ZJAN89	INF H/B	MANCON 3	32SPF640931	DETECTION HAS BEEN LOST	3	SILKS
433	060862ZJAN89	INF H/B	MANCON 3	32SPF640931	WITHIN BARRIER MOUNTAIN NAMED HILL		
434	060864ZJAN89	INF H/B	MANCON 3	32SPF640931	COMMENCING MOVEMENT		
435	060866ZJAN89	INF H/B	MANCON 4	32SPF637699	COMMENCING MOVEMENT		
436	060868ZJAN89	INF H/P	MANCON 4	32SPF621993	HAS TERMINATED ENGAGEMENT, NO LOS		HILLIFY
437	060870ZJAN89	INF H/P	MANCON 4	32SPF606887	DETECTION HAS BEEN TEMPORARILY LOST	2	HILLIFY
438	060872ZJAN89	INF H/P	MANCON 4	32SPF774886	DETECTION HAS BEEN TEMPORARILY LOST	2	HILLIFY
439	060874ZJAN89	INF H/P	MANCON 4	32SPF748864	COMMENCING MOVEMENT		
440	060876ZJAN89	INF H/P	MANCON 4	32SPF748864	COMMENCING MOVEMENT		
441	060878ZJAN89	INF H/P	MANCON 4	32SPF748864	OBJECT DETECT		
442	060880ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
443	060882ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
444	060884ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
445	060886ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
446	060888ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
447	060890ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
448	060892ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
449	060894ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
450	060896ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
451	060898ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
452	060900ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
453	060902ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
454	060904ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
455	060906ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
456	060908ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
457	060910ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
458	060912ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
459	060914ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
460	060916ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
461	060918ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
462	060920ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
463	060922ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
464	060924ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
465	060926ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
466	060928ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
467	060930ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
468	060932ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
469	060934ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
470	060936ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
471	060938ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
472	060940ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
473	060942ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
474	060944ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
475	060946ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
476	060948ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
477	060950ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
478	060952ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
479	060954ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
480	060956ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
481	060958ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
482	060960ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		
483	060962ZJAN89	INF H/P	MANCON 4	32SPF748864	VISUAL DETECT		

	I	J	K	L	M	N	O	P	Q	R	S	T	U
415	32SPF727830		M-16	219									
416	32SPF666877		TROOPS	7									060828ZJAN89
417													
418													
419													
420		UNIT DESTROYED											
421													
422	32SPF638950		D-20	2									060807ZJAN89
423	32SPF638950		TROOPS	8									
424	32SPF638950												
425													
426	32SPG87124		D-20	1									
427	32SPG87124		TROOPS	8									
428													
429													
430													
431	32SPG786124		D-20	1									060821ZJAN89
432	32SPG786124		TROOPS	8									
433	32SPG786124												
434													
435													
436													
437	32SPF832937		HMMWV-40MM-MG	1									
438	32SPF832937		TROOPS	2									
439													
440													
441													
442													
443	32SPF728833		TROOPS	287									060816ZJAN89
444	32SPF728833		TROOPS	180									060816ZJAN89
445	32SPF728834		TROOPS	1									060820ZJAN89
446	32SPF728834		D-20	1									060820ZJAN89
447	32SPF718940		TROOPS	8									060820ZJAN89
448	32SPF718940												
449													
450													
451													
452													
453	32SPF728830		TROOPS	287									060823ZJAN89
454	32SPF728830		M-16	219									
455	32SPF728830		HMMWV-40MM-MG	1									
456	32SPF755879		TROOPS	2									
457	32SPF755879		TROOPS	7									
458	32SPF665875												
459													
460													
461	32SPG801275		TROOPS	244									
462	32SPG801275		M-16	219									
463	32SPF806815		TROOPS	71									
464													
465													
466													
467													
468	32SPG727000												
469	32SPF738992	% 0 DAMAGED											
470	32SPG740005	% 0 DAMAGED											
471	32SPG738023		S.O. TRUCK	3									
472	32SPF748899		MCLIC	7									
473	32SPF748899		ACE	4									
474	32SPF748899		HMMWV	9									
475	32SPF748899		SEE	2									
476	32SPF748899		TROOPS	82									
477	32SPF748899												
478													
479	32SPF604526		S.O. TRUCK	3									
480	32SPF604526		MCLIC	7									
481	32SPF604526		ACE	4									
482	32SPF604526		HMMWV	9									
483	32SPF604526		SEE	2									

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484	32SPF604528	TROOPS	82									
485												
486	32SPF748996	S.O. TRUCK	3									
487	32SPF748996	MCLIC	7									
488	32SPF748996	ACE	4									
489	32SPF748996	HMMWV	9									
490	32SPF748996	SEE	2									
491	32SPF748996	TROOPS	82									
492												
493												
494		TROOPS	12	4			0	0				
495		LAVATR	0	0			2	0				
496	32SPF68925	S.O. TRUCK	3									
497	32SPF68925	MCLIC	7									
498	32SPF68925	ACE	4									
499	32SPF68925	HMMWV	9									
500	32SPF68925	SEE	2									
501	32SPF68925	TROOPS	82									
502												
503												
504	32SPG81028	FRIENDLY										
505	32SPG81028	FRIENDLY										
506	32SPG81028	FRIENDLY										
507	32SPF661994	FRIENDLY										
508	32SPG81028	FRIENDLY										
509	32SPG81028	FRIENDLY										
510	32SPF661994	FRIENDLY										
511	32SPF661994	FRIENDLY										
512	32SPF68992	FRIENDLY										
513	32SPF661994	FRIENDLY										
514	32SPF443830	HMMWV-40MM-MG	1									
515	32SPF443830	TROOPS	2									
516												
517	32SPG81050											
518	32SPG83034											
519	32SPG81028											
520	32SPG810048	HMMWV-40MM-MG	1									
521	32SPG810048	TROOPS	2									
522												
523	32SPG810048	HMMWV-40MM-MG	1									
524	32SPG810048	TROOPS	2									
525	32SPF728832											
526	32SPF731832	TROOPS	223									
527	32SPF730831	TROOPS	46									
528												
529												
530	32SPF732833	TROOPS	223									
531	32SPF732833	M-16	218									
532												
533	32SPF742816	TROOPS	192									
534	32SPF742816	M-16	218									
535	32SPF742979											
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A	B	C	D	E	F	G	H
552	060818ZJAN99	RCA515	MANCON 5, MANCON 6	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED		
554	060818ZJAN99	RCA515	MANCON 5, MANCON 6	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
555	060818ZJAN99	RCA516	MANCON 5, MANCON 6	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED		
556	060818ZJAN99	RCA516	MANCON 5, MANCON 6	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
557	060818ZJAN99	RCA517	MANCON 5, MANCON 6	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED		
558	060818ZJAN99	RCA517	MANCON 5, MANCON 6	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
559	060818ZJAN99	RCA518	MANCON 5, MANCON 6	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED		
560	060818ZJAN99	RCA518	MANCON 5, MANCON 6	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
561	060818ZJAN99	RCA519	MANCON 5, MANCON 6	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED		
562	060818ZJAN99	RCA519	MANCON 5, MANCON 6	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
563	060818ZJAN99	RCA520	MANCON 5, MANCON 6	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED		
564	060818ZJAN99	RCA520	MANCON 5, MANCON 6	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
565	060818ZJAN99	RCA55	MANCON 5, MANCON 6	AIR MSN LAUNCH	AIR MISSION HAS LAUNCHED		
566	060818ZJAN99	RCA55	MANCON 5, MANCON 6	AIR RTE POINT	AIR MISSION HAS REACHED ORBIT POINT		
567	060818ZJAN99	RCA56	MANCON 5, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT		
568	060818ZJAN99	RCA56	MANCON 5, MANCON 6	AIR WPN LNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
569	060818ZJAN99	RCA57	MANCON 5, MANCON 6	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT		
570	060818ZJAN99	RCA57	MANCON 5, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT		
571	060818ZJAN99	RCA57	MANCON 5, MANCON 6	AIR WPN LNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
572	060818ZJAN99	RCA57	MANCON 5, MANCON 6	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT		
573	060818ZJAN99	RCA57	MANCON 5, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT		
574	060818ZJAN99	RCA58	MANCON 5, MANCON 6	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT		
575	060818ZJAN99	RCA58	MANCON 5, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT		
576	060818ZJAN99	RCA58	MANCON 5, MANCON 6	AIR WPN LNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
577	060818ZJAN99	RCA59	MANCON 5, MANCON 6	AIR RTE POINT	AIR MISSION HAS REACHED FINAL LAND POINT		
578	060818ZJAN99	RCA59	MANCON 5, MANCON 6	AIRCRAFT STAT	AIR MISSION HAS REACHED FINAL LAND POINT		
579	060818ZJAN99	RCA59	MANCON 5, MANCON 6	AIR WPN LNCH	AIR MISSION HAS REACHED STAND-OFF WEAPON LAUNCH POINT		
580	060820ZJAN99	SILK3	AGCON 1	STATUS CHANGE	UNDER AIR ATTACK		
581	060820ZJAN99	SILK3	AGCON 1	ASSESSMENT REPORT	AIR TO SURFACE GCAS4		SILK3
582	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	HAVE DETECTED STRUCTURE		
583	060820ZJAN99	SILK4	AGCON 1	STATUS CHANGE	HAVE DETECTED A SHIP		AAAV1
584	060820ZJAN99	SILK4	AGCON 1	ASSESSMENT REPORT	UNDER AIR ATTACK		
585	060820ZJAN99	SILK4	AGCON 1	STATUS CHANGE	AIR TO SURFACE GCAS3		SILK4
586	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	DETECTION HAS BEEN TEMPORARILY LOST		AAAV1
587	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	HAVE DETECTED ANTI PERSONNEL Minefield		
588	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	HAVE DETECTED STRUCTURE		
589	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	HAVE DETECTED STRUCTURE		
590	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT		ENG
591	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT		ENG
592	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT		ENG
593	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT		ENG
594	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT		ENG
595	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	DETECTION IS A COMPANY SIZED INFANTRY UNIT		INF_A1/P
596	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	DETECTION IS A COMPANY SIZED ENGINEER UNIT		ENG
597	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	DETECTION IS A COMPANY SIZED ENGINEER UNIT		ENG
598	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	DETECTION IS A COMPANY SIZED ENGINEER UNIT		ENG
599	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	DETECTION IS A COMPANY SIZED ENGINEER UNIT		ENG
600	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	DETECTION IS A COMPANY SIZED ENGINEER UNIT		ENG
601	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	DETECTION IS A COMPANY SIZED ENGINEER UNIT		ENG
602	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	DETECTION IS A COMPANY SIZED ENGINEER UNIT		ENG
603	060820ZJAN99	SILK4	AGCON 1	OBJECT DETECT	DETECTION IS A COMPANY SIZED ENGINEER UNIT		ENG
604	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION IS A COMPANY SIZED ENGINEER UNIT		ENG
605	060820ZJAN99	SILK4	AGCON 1	UNIT MOVE	TOWING REQUIREMENTS NOT MET		(0.000000--0.17000)
606	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
607	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
608	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
609	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
610	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
611	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
612	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
613	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
614	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
615	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
616	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
617	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
618	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
619	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
620	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
621	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG
622	060820ZJAN99	SILK4	AGCON 1	UNIT DEFENSIVE MISSION	DETECTION HAS BEEN TEMPORARILY LOST		ENG

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622													
623	32SPF624932		TROOPS										
624	32SPF641933		TROOPS										
625	32SPF667938		AAAV										
626													
627													
628	32SPF629930		5.0-TRUCK										
629	32SPF629930		MCLIC										
630	32SPF629930		ACE										
631	32SPF629930		HMMWV										
632	32SPF629930		SEE										
633	32SPF629930		TROOPS										
634													
635													
636	32SPF709923		TROOPS										
637	32SPF703920		5.0-TRUCK										
638	32SPF703920		MCLIC										
639	32SPF703920		ACE										
640	32SPF703920		HMMWV										
641	32SPF703920		SEE										
642	32SPF703920		TROOPS										
643													
644	32SPF706961		TROOPS										
645	32SPF946963		AAAV										
646													
647	32SPF708125		TROOPS										
648	32SPF692722		5.0-TRUCK										
649	32SPF692722		MCLIC										
650	32SPF692722		ACE										
651	32SPF692722		HMMWV										
652	32SPF692722		SEE										
653	32SPF692722		TROOPS										
654	32SPF721845		TROOPS										
655	32SPF724873		TROOPS										
656	32SPF769848		TROOPS										
657	32SPF916148		AAAV										
658	32SPF726845		TROOPS										
659													
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664													
665	32SPF781707		TROOPS										
666	32SPF719705		TROOPS										
667													
668													
669	32SPG729014		LAVATR										
670	32SPG729014		LAVLOG										
671	32SPG729014		LAV.COMMAND										
672	32SPG729014		LAV-AT										
673	32SPG729014		LAV-25										
674	32SPG729014		TROOPS										
675													
676													
677	32SPG715260		LAVATR										
678	32SPG715260		LAVLOG										
679	32SPG715260		LAV.COMMAND										
680	32SPG715260		LAV-AT										
681	32SPG715260		LAV-25										
682	32SPG715260		TROOPS										
683	32SPF726960		LAV-MTR										
684	32SPF726960		LAVLOG										
685	32SPF726960		LAV.COMMAND										
686	32SPF726960		LAV-AT										
687	32SPF726960		LAV-25										
688	32SPF726960		TROOPS										
689	32SPF731742		LAV-MTR										
690	32SPF731742		LAVLOG										

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691	32SPF731742	LAV-COMMAND	1									
692	32SPF731742	LAV-AT	4									
693	32SPF731742	LAV-25	13									
694	32SPF731742	TROOPS	63									
695		HMMVV-TOW	0	0	0	0	1	0				
696		TROOPS	4	1	0	0	0	0				
697		MIAT	0	0	0	0	1	2				
698		TROOPS	7	3	0	0	0	0				
699		MIAT	0	0	0	0	2	1				
700		TROOPS	6	2	0	0	0	0				
701		MIAT	0	0	0	1	1	1				
702	32SPG729012	LAV-MTR	2									
703	32SPG729012	LAV-LOG	3									
704	32SPG729012	LAV-COMMAND	1									
705	32SPG729012	LAV-AT	4									
706	32SPG729012	LAV-25	13									
707	32SPG729012	TROOPS	63									
708		NO ASSESSMENT	0	0	0	0	0	0				
709	32SPG74255	LAV-MTR	2									
710	32SPG74255	LAV-LOG	3									
711	32SPG74255	LAV-COMMAND	1									
712	32SPG74255	LAV-AT	4									
713	32SPG74255	LAV-25	13									
714	32SPG74255	TROOPS	63									
715	32SPG76248	LAV-MTR	2									
716	32SPG76248	LAV-LOG	3									
717	32SPG76248	LAV-COMMAND	1									
718	32SPG76248	LAV-AT	4									
719	32SPG76248	LAV-25	13									
720	32SPG76248	TROOPS	63									
721	32SPF72982	LAV-MTR	2									
722	32SPF72982	LAV-LOG	3									
723	32SPF72982	LAV-COMMAND	1									
724	32SPF72982	LAV-AT	4									
725	32SPF72982	LAV-25	13									
726	32SPF72982	TROOPS	63									
727	32SPF730736	LAV-MTR	2									
728	32SPF730736	LAV-LOG	3									
729	32SPF730736	LAV-COMMAND	1									
730	32SPF730736	LAV-AT	4									
731	32SPF730736	LAV-25	13									
732	32SPF730736	TROOPS	63									
733	32SPF769748	LAV-MTR	2									
734	32SPF769748	LAV-LOG	3									
735	32SPF769748	LAV-COMMAND	1									
736	32SPF769748	LAV-AT	4									
737	32SPF769748	LAV-25	13									
738	32SPF769748	TROOPS	63									
739		NO ASSESSMENT	0	0	0	0	0	0				
740	32SPG729013	LAV-MTR	2									
741	32SPG729013	LAV-LOG	3									
742	32SPG729013	LAV-COMMAND	1									
743	32SPG729013	LAV-AT	4									
744	32SPG729013	LAV-25	13									
745	32SPG729013	TROOPS	63									
746			12	4	0	0	0	0				
747			0	0	0	2	0	0				
748		E Product Damage level increased 99 percent.	0	0	0	0	0	0				
749	32SPF736747	LAV-MTR	3									
750	32SPF736747	LAV-LOG	1									
751	32SPF736747	LAV-COMMAND	1									
752	32SPF736747	LAV-AT	4									
753	32SPF736747	LAV-25	13									
754	32SPF72230	TROOPS	87									
755	32SPG72230	LAV-MTR	2									
756	32SPG72230	LAV-LOG	3									
757	32SPG72230	LAV-COMMAND	1									
758	32SPG72230	LAV-AT	4									
759	32SPG72230	LAV-25	13									
760		TROOPS	63									

A	B	C	D	E	F	G	H
760	060813ZJAN99	TANK1	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
761	060813ZJAN99	TANK1	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
762	060813ZJAN99	TANK1	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
763	060813ZJAN99	TANK1	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
764	060813ZJAN99	TANK1	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
765	060813ZJAN99	TANK1	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
766	060813ZJAN99	TANK1	AGCON_1	VISUAL DETECT	HAVE DETECTED COMPANY SIZED ENGINEER UNIT	2	ENG
767	060814ZJAN99	TANK1	AGCON_1	STATUS CHANGE	HAVE INITIATED ENGAGEMENT	3	INF_A2/P
768	060814ZJAN99	TANK1	AGCON_1	STATUS CHANGE	UNDER AIR ATTACK		ENG
769	060814ZJAN99	TANK1	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS5		TANK1
770	060814ZJAN99	TANK1	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS6		TANK1
771	060814ZJAN99	TANK1	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS8		TANK1
772	060814ZJAN99	TANK1	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_A2/P
773	060814ZJAN99	TANK1	AGCON_1	VISUAL DETECT CHANGE	DETECTION IS A COMPANY SIZED INFANTRY UNIT	3	INF_A2/P
774	060815ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
775	060815ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
776	060815ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
777	060815ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
778	060815ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
779	060815ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
780	060815ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
781	060815ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
782	060816ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
783	060816ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
784	060816ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
785	060816ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
786	060816ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
787	060816ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
788	060816ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
789	060816ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
790	060816ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
791	060816ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
792	060816ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
793	060816ZJAN99	TANK1	AGCON_1	VISUAL DETECT STATUS	DETECTION HAS BEEN TEMPORARILY LOST	2	ENG
794	060816ZJAN99	TANK2	AGCON_1	STATUS CHANGE	HAVE DETECTED COMPANY SIZED INFANTRY UNIT	2	INF_A2/P
795	060816ZJAN99	TANK2	AGCON_1	STATUS CHANGE	UNDER AIR ATTACK		ENG
796	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS7		INF_A2/P
797	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS7		INF_A2/P
798	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS8		INF_A1/P
799	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	NOT ENOUGH OPERATORS TO MEET REQUIREMENTS		TANK2
800	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS6		TANK2
801	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS6		TANK2
802	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS6		TANK2
803	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS6		TANK2
804	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS2		SILK4
805	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS2		SILK4
806	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS3		SILK3
807	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS3		SILK3
808	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS4		SILK5
809	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS4		SILK5
810	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS20		NORTH RD
811	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS20		NORTH RD
812	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS9		TANK1
813	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS5		TANK1
814	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS6		TANK1
815	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS6		TANK1
816	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS7		TANK2
817	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS7		TANK2
818	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS8		TANK2
819	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS8		TANK2
820	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS9		TANK2
821	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS9		TANK2
822	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS10		LDVEH3
823	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS11		LDVEH3
824	060816ZJAN99	TANK2	AGCON_1	ASSESSMENT REPORT	AIR TO SURFACE RCAS12		BR2

	I	J	K	L	M	N	O	P	Q	R	S	T	U
760	32SPF700882		5.0-TRUCK										
761	32SPF700882		MCLIC	3									
762	32SPF700882		ACE	7									
763	32SPF700882		HMMWV	4									
764	32SPF700882		SEE	9									
765	32SPF700882		TROOPS	2									
766	32SPF786882		TROOPS	82									
767				182									
768			HMMWV-TOW										
769			TROOPS		0	0		1	0				
770			MIA1		4	1		0	0				
771			TROOPS	182	0	0		0	1	2			
772	32SPF71886		SMW	6									
773	32SPF71886		5.0-TRUCK	3									
774	32SPF65731		MCLIC	7									
775	32SPF65731		ACE	4									
776	32SPF65731		HMMWV	9									
777	32SPF65731		SEE	2									
778	32SPF65731		TROOPS	82									
779	32SPF65740		TROOPS	182									
780	32SPF65740		SMW	6									
781	32SPF65740												
782													
783													
784			5.0-TRUCK	3									
785	32SPF65731		MCLIC	7									
786	32SPF65731		ACE	4									
787	32SPF65731		HMMWV	9									
788	32SPF65731		SEE	2									
789	32SPF65731		TROOPS	82									
790	32SPF65740		TROOPS	182									
791	32SPF65740		SMW	6									
792	32SPF65740												
793	32SPF71886		TROOPS	182									
794			TROOPS		7	3		0	0	0			
795			MIA1		0	0		0	2	1			
796			TROOPS		6	2		0	0	0			
797			MIA1		0	0		1	1	1			
798			TROOPS										
799													
800			TROOPS	182									
801	32SPF020515		TROOPS										
802			TROOPS	182									
803	32SPF020515		D-20		0	0		1	1	0			
804			D-20		0	0		2	0	0			
805			D-20		0	0		1	0	1			
806			D-20		0	0		1	0	0			
807			CE PRODUCT		0	0		0	0	0			
808			TROOPS		1	0		0	0	0			
809					0	0		0	0	0			
810			NO ASSESSMENT		0	0		0	0	0			
811			NO ASSESSMENT		0	0		0	0	0			
812					0	0		0	0	0			
813			HMMWV-TOW		0	0		0	0	0			
814			TROOPS		4	1		0	0	1			
815			MIA1		0	0		0	0	0			
816			TROOPS		7	3		0	0	2			
817			MIA1		0	0		0	0	0			
818			TROOPS		6	2		0	0	0			
819			MIA1		0	0		0	1	1			
820			NO ASSESSMENT		0	0		0	0	0			
821			NO ASSESSMENT		12	4		0	0	0			
822			TROOPS		0	0		0	0	0			
823			LAV-MTR		0	0		2	0	0			
824			CE PRODUCT		0	0		0	0	0			
825			CE PRODUCT		0	0		0	0	0			
826			E Product damage level increased 89 percent.										

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APPENDIX G – SCREEN REPRESENTATION OF MTWS

Figure G1 below shows a drawing of what the MTWS interface looks like. Screen captures did not show the detail well enough to be included. Refer to the MTWS Users Manuals for details about icons and unit representations.

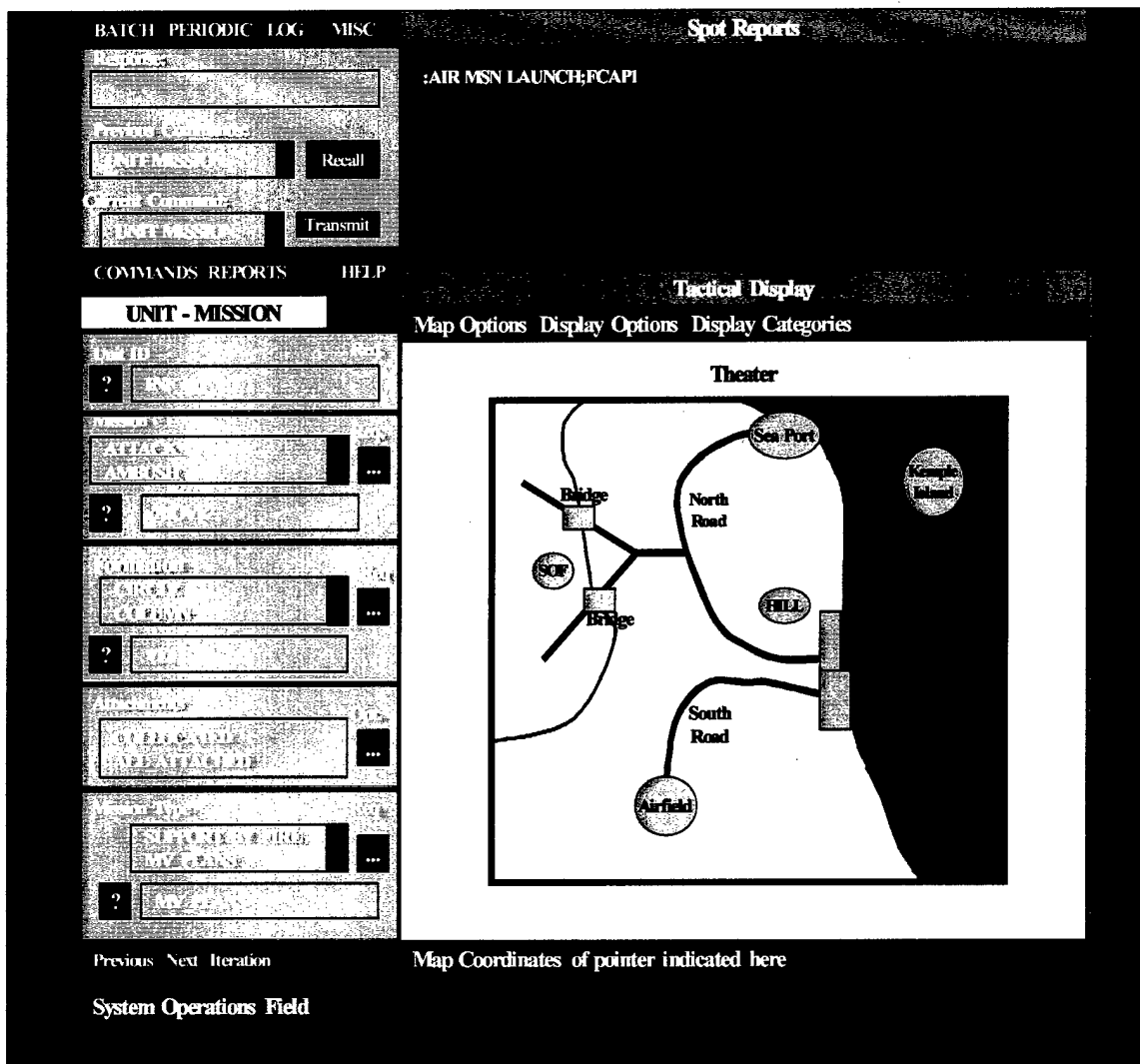


Figure G1. MTWS Screen Representation

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APPENDIX H – OBSERVER AND PLAYER QUESTIONNAIRES

Filled in forms are held at ALPHATEC, Inc. by Elliot Entin. Compilations of the data from the forms are available for use by contacting him at Elliot@Alphatec.org.

A. ORGANIZATIONAL AWARENESS QUESTIONNAIRE

A2C2 EXPERIMENT 5 -MTWS ORGANIZATIONAL AWARENESS QUESTIONNAIRE

NAME POSITION TEAM ID TRIAL DATE

Selection #	Category	Description/Example
1	Hill	Attacking, taking, holding, etc.
2	Beaches	Attacking, taking, holding, etc.
3	Bridge	Blowing-up correct bridge, etc.
4	Airport	Attacking, taking, holding, etc.
5	Seaport	Attacking, taking, holding etc.
6	Ground Tasks	Includes mine clearing, clearing roads, attacking armor, etc.
7	Air Tasks	Includes AAW, CAS, engaging air threats, etc.
8	Sea Tasks	Includes mine clearing, gunfire support (NSFS), engaging PBs and Subs
9	Reconnaissance/ Identification	
10	Medevac	Calling for Medevac, launching Medevac helos
11	Don't Know	
12	Other (please specify)	Includes non-specific moving, coordinating, attacking, deploying, launching, etc.

Each of the categories listed above describes an important task or group of tasks that team members perform during the scenario. Use these categories to identify what you were doing and what you think others were doing at specific times in the scenario.

1. Think back to when elements of the team had just completed taking North beach.

a) What task were you performing (or had you just started to work on) at that time? Please select from the table above.

Selection # (choose one) _____

Comments _____

b) What tasks do you believe each of the other positions in your team were performing (or had just started to perform) when you began working on the task you selected in (1a)?

Write the positions of the other team members in the column at right and select their corresponding task from the table above. If the architecture in which you performed had fewer than five other positions, simply leave the remaining row(s) blank.

Other Positions	Selection #

Now think back to when elements of the team were preparing to take the airfield.

a) What task were you performing (or had you just started to work on) at that time? Please select from the table above.

Selection # (choose one) _____

Comments _____

b) What tasks do you believe each of the other positions in your team were performing (or had just started to perform) when you began working on the task you selected in (2a)?

Write the positions of the other team members in the column at right and select their corresponding task from the table above. If the architecture in which you performed had fewer than five other positions, simply leave the remaining row(s) blank.

Other Positions	Selection #

3. Think back to when Blue ground forces were moving on the road to the port. Assume intelligence and sensors detected an enemy counter-force comprised of a company of mechanized infantry and a company of armor leaving the port area and moving down the road to oppose Blue's advance.

a) What position in the team would be required to deal with this?

b) From which position in the team would that position first seek assistance?

c) What two actions would these positions initiate? **(Please select from the table on the previous page).**

Action 1 (Selection #) _____

Action 2 (Selection #) _____

4. Think back to when Blue forces were moving toward the beach and detected the sea mines. Assume that at about the same time intelligence and sensors detected a group of 10-12 fast, heavily armed patrol boats coming out of hiding and heading at high speed toward the beach sites.

a) What position in the team would be required to deal with this?

b) From which position in the team would that position first seek assistance?

c) What two actions would these positions initiate? **(Please select from the table on the previous page).**

Action 1 (Selection #) _____

Action 2 (Selection #) _____

B. TEAM PERFORMANCE ASSESSMENT: OBSERVER RATING FORM

A2C2 EXPERIMENT 5 - MTWS TEAM PERFORMANCE ASSESSMENT: OBSERVER RATING FORM

TEAM ID _____ **TRIAL** _____ **DATE** _____ **OBSERVER** _____

Instructions for Performance Ratings

The rating process requires that you carefully monitor the actions and communications of the team. The performance ratings are organized around a number of important tasks the team must perform effectively to accomplish the mission and be successful. Note that although only a subset of team members may perform a particular task, it is carried out within the team environment and may be supported by other members prior to execution of the task. Therefore we consider all such actions generically as team performance.

Some tasks will be performed sequentially, others in parallel. As the team confronts each task note their actions and listen to their communications, then rate the quality of their performance for that task. Teams may perform some tasks very well and others not so well. Try to judge the performance of each task independently. Watch out for the "halo effect" - team looked good on tasks one and two, therefore they must be good on all tasks.

To help you rate each task effectively and independently; each task is accompanied by a seven (7) point rating scale. Each scale is associated with a pair of anchors or descriptors that describe in behavioral terms what you should expect to see for very effective (superior) performance and what would connote very ineffective (poor) team performance. A score of 7 always denotes effective or superior performance, while a score of 1 always denotes ineffective or poor performance.

You may wish to take notes and give a tentative rating for each task as it is performed. A definitive rating would then be rendered at the end of the trial. Alternatively, you may wish to take notes on the team's performance for each task and then render a rating for each task at the end of the trial. Either way, when all of the specific tasks have been rated, consider the team's performance across all the tasks. Consider also aspects of team performance you observed during the trial that are not captured in the specific tasks. Then provide an overall performance rating of this team for this trial (scenario).

Try to provide absolute ratings and not relative ratings. That is, do not compare one team's performance to another's, but rather compare a team's performance to the standard provided by the scale anchors.

Before starting, be sure you have reviewed the anchors for each of the specific tasks and for the overall rating. Feel free to provide comments or annotations with each scale to help explain your rating and similarly to provide comments at the end of the form to further describe the team, conditions, special situations, shortcomings in the scales, and the like.

1. Take the Hill. Refers to taking and holding the high ground overlooking the beaches.

Very Poor 1 2 3 4 5 6 7 Superior

- 7 Team weighed options, selected appropriate mix of assets (e.g., 1 INF+1 AIR+DDG or 1 INF+2CAS) necessary to assault, take, and hold high ground in an efficient sequenced manner. Experienced few or no casualties.
- 1 Team did not understand condition, did not consider options, selected inappropriate course of action (or did so too late), and/or used inadequate mix of assets, to take and/or hold the high ground. Experienced many casualties.

Comments: _____

2. Take North & South Beaches. Refers to the coordinated attack on North & South beaches.

Very Poor 1 2 3 4 5 6 7 Superior

- 7 Team weighed options, performed all necessary actions including appropriate mix of assets (e.g., 1 INF + 1 AIR + DDG or 2 INF + CAS) to assault North and South beaches. Necessary sequenced activities were carried out correctly. All actions occurred in an efficient and timely manner. Experienced few or no casualties.
- 1 The actions to assault North and South beaches were not performed. Or the assaults were not well sequenced, an inadequate mix of assets was used, and actions were not timely. Experienced many casualties.

Comments: _____

3. Kill Tanks on North & South Road. Refers to the detection, identification, and coordinated prosecution of enemy tanks on the North and South roads.

Very Poor 1 2 3 4 5 6 7 Superior

- 7 Team weighed options, sequenced correct tank-killing assets (e.g., 1 INF + 1 CAS or 2 CAS) to destroy tanks on road to air field and then on road to port in an efficient and timely manner.
- 1 Team failed to kill tanks on the North and South roads, failed to consider options, used inappropriate assets, or failed to sequenced tank-killing assets in an appropriate and timely fashion.

Comments: _____

4. Special Forces Attack Enemy Advance Force and Destroy Correct Bridge. Refers to all actions special forces must perform to attack and destroy enemy force and destroy correct bridge.

Very Poor 1 2 3 4 5 6 7 Superior

- 7 Team used surveillance assets to positively identify enemy advance force in an efficient and timely manner. Team brought appropriate assets (e.g., SOF) to bear to perform all necessary actions to attack and halt advance of enemy force efficiently and effectively. Used surveillance assets (Intel) to destroy correct bridge in a timely manner.

1 Team failed to positively identify enemy advance force, or missed timely opportunities to do so because inefficient actions allowed tempo and tasking to delay their actions. Failed to attack enemy advance force, did not bring appropriate assets to bear, were not timely, and carried out attack inefficiently. Destroyed incorrect bridge.

Comments: _____

5. Clear SAMs. Pertains to destroying the SAM installation around the airfield and the port.

Very Poor 1 2 3 4 5 6 7 Superior

7 Team weighed options, brought appropriate assets (e.g., 1 CAS + SOF or 1 CAS + SAT) to bear to destroy SAM installations around the airfield and the port in an efficient and timely fashion. The attacks were carried out in sufficient time prior to attacking the airfield and port so there were no delays and few casualties.

1 Team failed to destroy SAM installations around the airfield and the port. Or used inappropriate assets, were inefficient, and attacks on the SAMs were late such that attacks on the airfield and port were held up (Blue forces took many casualties).

Comments: _____

6. Kill pop-up FROG launchers. Refers to enemy FROG launchers that pop up out of friendly artillery range and must be destroyed.

Very Poor 1 2 3 4 5 6 7 Superior

7 Team quickly recognized threat to personnel on beach, considered options, and selected appropriate course of action (e.g., CAS or DDG fire) to destroy FROG launchers. Assets used in a timely manner. Few casualties.

1 Team did not recognize threat to personnel on beach and/or did nothing to destroy them. Many casualties.

Comments: _____

7. Attack on Airfield and Port. Refers to coordinated air and ground attack to take airfield and port.

Very Poor 1 2 3 4 5 6 7 Superior

7 Team weighed options and conduct a sequenced air and ground attack using appropriate asset mix (e.g., 2 INF + 1 CAS or 2 INF+ DDG) to take airfield and port in an efficient and timely fashion. Few casualties.

1 Team failed to launch attack to take airfield and/or port. Or did not choose appropriate course of action to carry out an attack (coordinated or otherwise) and was neither efficient or timely. Many casualties.

Comments: _____

8. Anti-Air Warfare. Refers to protecting the Battle Group from all air threats.

Very Poor 1 2 3 4 5 6 7 Superior

7 Team exhibited early, correct identification of air threats (while enemy is beyond their effective range) and effectively destroyed enemy air threats with appropriate assets (e.g., 1 VF or SD).

1 Team failed to effectively destroy enemy threat (e.g., used inappropriate resources against threat). Or failed to correctly identify an enemy air threat (or did so late) so that enemy afflicted casualties.

9. Surface and Subsurface Warfare. Refers to protecting the Battle Group from all surface and subsurface threats.

Very Poor 1 2 3 4 5 6 7 Superior

7 Team exhibited early, correct identification of threats (while enemy was beyond their effective range) and effectively destroyed enemy surface and subsurface threats with appropriate assets (e.g., FFG).

1 Team failed to effectively destroy enemy threat (e.g., uses inappropriate resources against threat). Or failed to correctly identify an enemy surface and subsurface threat (or did so late) so that enemy afflicted casualties.

10. Decision making and Course of Action Selection. Refers to the quality of a team's decision making and course of action selection.

Very Poor 1 2 3 4 5 6 7 Superior

7 Team considered the costs and benefits of action (e.g., expenditure of resources), future consequences, and enemy's point of view. Took actions (gave orders) in a deliberate and confident manner. Effectively prioritized actions.

1 Team failed to considers the costs and benefits of action, future consequences, and enemy's point of view. Was hesitant or waffled when taking action (or giving orders). Did not prioritize actions.

11. Overall performance rating of this team for this scenario.

Very Poor 1 2 3 4 5 6 7 Superior

7 Teams consistently scored well on the above 10 critical tasks, as well as on other unassessed areas.

1 Teams consistently scored poorly on the above 10 critical tasks, as well as on other unassessed areas.

Comments: _____

C. TEAMWORK ASSESSMENT: OBSERVER RATING FORM

A2C2 EXPERIMENT 5 TEAMWORK ASSESSMENT: OBSERVER RATING FORM

TEAM ID _____ TRIAL _____ DATE _____ OBSERVER _____

Instructions for Teamwork Ratings

Observer the team's behavior carefully. Then rate the team's teamwork skills using the questions and scales on the following pages. The seven rating scales or questions for teamwork are organized into five areas. To guide you in your ratings each area is defined below. Please read these definitions carefully.

Teams may be high on some teamwork skills and low on others. Try to judge each skill independently. Watch out for the "halo effect" - team is high on one or two skills, thus they must be high on all skills.

Consider each team separately. Try not to compare one team to another. Instead, strive to rate the behavior of a team on an absolute scale. To help you make your ratings effectively and independently, each question is accompanied by a seven point behaviorally anchored scale. The pair of anchors describe in behavioral terms what you should observe for the highest rating of a teamwork skill - or a score of 7 and what you should observe for the lowest rating of a teamwork skill - or a score of 1. Read these guides or anchors carefully and refer to them as you rate the team on each item. Feel free to write comments or explanations for any item.

Communication Behavior

Communication involves the exchange of information between two or more team members in the prescribed manner and using proper terminology. Often the purpose of communication is to clarify or acknowledge the receipt of information.

Monitoring Behavior

Monitoring refers to observing the activities and performance of other team members. It implies that team members are individually competent and that they may subsequently provide feedback and backup behavior.

Back-up Behavior

Backup behavior involves assisting the performance of other team members. This implies that team members have an understanding of other members' tasks. It also implies that members are willing to give and seek assistance.

Coordination Behavior

Coordination refers to team members' executing their activities in a timely and integrated manner. It implies that the performance of some team members influences the performance of

other team members. This may involve an exchange of information that subsequently influences another member's performance.

Team Orientation

Team orientation refers to the commitment team members exhibit to working together. It implies that they place the goals and interest of the team ahead of their personal goals. It also refers to the trust each team member has in the other team members, team pride, and esprit de corps.

Communication Behavior

1. To what extent were errors caused by inadequate team communication?

1	2	3	4	5	6	7
---	---	---	---	---	---	---

7 Communication within the team was always effective and never responsible for errors or inefficient performance.

1 Communication was wholly inadequate and resulted in inefficient performance and many of the errors made by the team.

2. To what extent did team members provide relevant information to another team member, in a pro-active way, without that team member having to ask for it?

1	2	3	4	5	6	7
---	---	---	---	---	---	---

7 Team members always provided important information to others without being asked.

1 Team members never provided information to others unless specifically asked.

Comments: _____

Monitoring Behavior

3. To what extent did team members alert each other to impending decisions and actions?

1	2	3	4	5	6	7
---	---	---	---	---	---	---

7 Team members always alerted each other to impending decisions and actions; supporting information was actively solicited from other team members.

1 Team members did not keep each other informed of impending decisions and actions; compromises to mission safety or mission effectiveness arose when a team member waited for the other to volunteer significant information.

Comments: _____

Back-up Behavior

4. To what extent did team members anticipate the need to provide assistance to other team members?

1	2	3	4	5	6	7
---	---	---	---	---	---	---

7 Team members consistently anticipated the need to provide assistance to others during critical phases of the mission.

1 Team members never anticipated the need to provide assistance to others during critical phases of the mission; the others always had to ask.

Comments: _____

5. Did the team members adjust individual task responsibilities to prevent overload?

1	2	3	4	5	6	7
---	---	---	---	---	---	---

7 Team members were consistently aware of each other's workload buildup and reacted quickly to adjust division of task responsibilities to redistribute workload.

1 Team members were generally unaware of each other's workload buildup; little or no attempt was made to adjust the distribution of task responsibilities before significant compromises to mission safety or mission effectiveness occurred.

Comments: _____

Coordination Behavior

6. To what extent was the team's behavior coordinated?

1	2	3	4	5	6	7
---	---	---	---	---	---	---

7 Good coordination behavior occurs when team members consistently pass critical information to the other members, thereby enabling them to accomplish tasks; members consistently carry out tasks quickly or in a timely manner enabling others to carry out their tasks effectively. Team members appear very familiar with the relevant parts of one another's jobs and carry out individual tasks in a synchronized manner.

1 Poor coordination behavior occurs when team members consistently carry out their tasks ineffectively, leading to other team members' failing at their tasks; members carry out their tasks unpredictably, leading to delays in execution of critical tasks; members neglect to pass on critical pieces of information to one another, leading to breakdowns in team performance; team members carry out their tasks with significant delays leading to team errors.

Comments: _____

Team Orientation

7. How congruent/similar were the CJTF's and the other team members' understanding of the mission?

1	2	3	4	5	6	7
---	---	---	---	---	---	---

7 Commander and other team members were completely in agreement (i.e., congruent) on goals, tasks, and concepts involving the mission.

1 Commander and other team members were rarely in agreement (i.e., congruent) on goals, tasks, and concepts involving the mission.

Comments: _____

D. TASK LOAD INDEX – WORKLOAD ASSESSMENT QUESTIONNAIRE

A2C2 Experiment 5 TLX WORKLOAD ASSESSMENT QUESTIONNAIRE

NAME _____ CELL _____ POSITION _____ TRIAL _____ TIME PERIOD _____

Self Workload

Mental Demand	
Temporal Demand	
Effort	
Frustration	

Cell Workload

Cell	Overall Workload
FLAG	
BLUE	
GREEN	
PURPLE	
RED	
ORANGE	

Flag Cell Workload

Unit	Overall Workload
Current Ops	
Future Ops	
Effects Coordination Board	

TASK LOAD INDEX (TLX) WORKLOAD QUESTIONNAIRE

INSTRUCTIONS

Workload is a difficult concept to define precisely, but a simple one to understand generally. The factors that influence your experience of workload may come from the task itself, your feelings about your own performance, how much effort you put in, or the stress and frustration you felt. The workload contributed by different task elements may change as you become more familiar with a task, perform easier or harder versions of it, or move from one task to another. Physical components of workload are relatively easy to conceptualize and evaluate; the mental components are more difficult to measure.

Workload is something that is experienced individually by each person. There are no effective "rules" that can be used to estimate the workload of different activities. One way to find out about workload is to ask people to describe the feelings they experienced. The following questionnaire will be distributed at the end of each trial; it is divided into three sections. In section one you will be asked to assess your own workload experience during the just completed trial in terms of four factors: mental demand, temporal demand, effort, and frustration. In section two (shaded), we ask you to evaluate the overall workload of each of the cells in the organization. Because it is much more difficult to accurately describe the feelings of others, we only ask you to formulate a global workload evaluation for each of the other cells. In section three, we ask those of you who are in the Flag cell to evaluate the overall workload experienced by three units in the Flag cell: current ops, future ops, and the effects coordination board. Those of you who are not in the Flag cell may omit section 3 of the workload questionnaire. For your convenience, we have prepared and attached an example questionnaire to which you may refer for more specific instructions.

The four component rating scales used in section one of this questionnaire were developed for you to use in evaluating your workload experience during a particular segment of the A2C2 experiment 5. Please read the attached descriptions of the scales carefully. If you have questions about any of the scales, you can ask them now or you can hold your questions until the first workload assessment period and ask them at that time, in the context of the task you have just performed. It is important that the scales are clear to you. The descriptions of the scales will always be available to you when you do your workload ratings. Ask if you wish to review them.

Please consider your responses carefully as you respond to the scales at the end of each trial. Consider each scale individually. Your accurate ratings will play an important role in the assessment being conducted.

DEFINITION OF THE TLX SCALES

The **mental demand** scale asks you to rate how much mental and perceptual activity was required (e.g., thinking, deciding, calculating, remembering, looking, searching, etc.). Was the task or situation easy or demanding, simple or complex, exacting or forgiving? Make this rating on a scale from very low mental demand to very high mental demand.

The **temporal demand** scale asks you to rate how much time pressure you felt due to the rate or pace at which the task or task elements occurred. Was the pace slow and leisurely or rapid and frantic? Make this rating on a scale from very low temporal demand to very high temporal demand.

The **effort** scale asks you to rate how hard you had to work mentally to accomplish your level of performance. Make this rating on a scale from very low effort (not hard at all) to very high effort (very hard).

The **frustration** scale asks how insecure, discouraged, irritated, stressed, and annoyed versus secure, gratified, content, relaxed, and complacent you felt during the situation that you just experienced. Make this rating on a scale from very low frustration to very high frustration.

APPENDIX I – MTWS BATCH FILES

Listed below are the MTWS Batch Files used to create the scenario, the timed Red Force assets, and created all the Blue Force Assets used in the scenario. The A2C2_CONSTRUCT shows how all of the objects were created for the scenario like roads, bridges, the seaport and airport. A2C2_ORD_LOAD describes the various ordinance loads available to air assets for the Blue Force. A2C2_AG_AIR

A. A2C2_CONSTRUCT

```
# Create base
CE;CREATE;BASE;STRUCTURE;CONCRETE-STRUCT;32SPG727000;12;20;50;$
# Create roads
CE;CONSTRUCT;NORTH RD;;;IMPROVED_SURFACE;ROAD;CONCRETE-2-LANE;{0432SPF852923;
32SPF775947;32SPG793040;32SPG818051;}$
CE;CONSTRUCT;SOUTH RD;;;IMPROVED_SURFACE;ROAD;CONCRETE-2-LANE;{0432SPF858907;
32SPF788881;32SPF725904;32SPF728845;}$
CE;CONSTRUCT;WEST RD;;;IMPROVED_SURFACE;ROAD;CONCRETE-2-LANE;{0232SPG785000;
32SPF752999;}$
CE;CONSTRUCT;RT 1;;;IMPROVED_SURFACE;ROAD;CONCRETE-2-LANE;{0432SPG730017;
32SPG735008;32SPG746003;32SPF752999;}$
CE;CONSTRUCT;RT 2;;;IMPROVED_SURFACE;ROAD;CONCRETE-2-LANE;{0432SPF726976;
32SPF731990;32SPF740993;32SPF751998;}$
CE;CONSTRUCT;NOR
BCH;;;IMPROVED_SURFACE;ROAD;GRAVEL;{0232SPF847939;32SPF856920;
}$
CE;CONSTRUCT;SOUTH BCH;;;IMPROVED_SURFACE;ROAD;GRAVEL;{0232SPF864893;
32SPF858912;}$
#
# Create river and bridges
CE;CREATE;RIVER;NATURAL_TERRAIN;RIVER;RIVER;30;{1032SPG737025;32SPG745016;
32SPG743009;32SPG740002;32SPF738995;32SPF742988;32SPF743980;32SPF742973;
32SPF738963;32SPF735952;}$
CE;CONSTRUCT;BR1;;;IMPROVED_SURFACE;BRIDGE;CONCRETE-BRIDGE-
A;32SPG741005;RIVER;
$
CE;CONSTRUCT;BR2;;;IMPROVED_SURFACE;BRIDGE;CONCRETE-BRIDGE-
A;32SPF739992;RIVER;
$
#
# Create miscellaneous structures
CE;CREATE;SEAPRT;STRUCTURE;PORT-FACILITY;32SPG821052;12;20;50;$
CE;CREATE;HILL;NATURAL_TERRAIN;MOUNTAIN;MOUNTAIN;{0332SPF845937;32SPF837931;
32SPF850927;}$
CE;CREATE;ISLAND;NATURAL_TERRAIN;MOUNTAIN;MOUNTAIN;{0532SPG978062;32SPG940061;
32SPG936033;32SPG984018;32SPG994046;}$
CE;CREATE;E PRT;STRUCTURE;PORT-FACILITY;32SPG939035;20;20;30;$
CE;CREATE;W PRT;STRUCTURE;PORT-FACILITY;32SPG988051;20;20;30;$
CE;CREATE;N PRT;STRUCTURE;PORT-FACILITY;32SPG804065;20;20;30;$
```

```

CE;CREATE;S PRT;STRUCTURE;PORT-FACILITY;32SPF880851;20;20;30;$
CE;CREATE;AIRPRT;STRUCTURE;PORT-FACILITY;32SPF729833;30;70;70;$
#
# Create sea mines
CE;CONSTRUCT;SM1;;;OBSTACLE;MINE;AG;M-FLD-AS-LOW;{0432SPG931016;32SPG924013;
32SPG918020;32SPG924023;}$
CE;CONSTRUCT;SM2;;;OBSTACLE;MINE;AG;M-FLD-AS-LOW;{0332SPF876997;32SPF869998;
32SPG870006;}$
CE;CONSTRUCT;SM3;;;OBSTACLE;MINE;AG;M-FLD-AS-LOW;{0432SPG855017;32SPG846018;
32SPG846024;32SPG855023;}$
CE;CONSTRUCT;SM4;;;OBSTACLE;MINE;AG;M-FLD-AS-LOW;{0432SPG877057;32SPG866056;
32SPG860060;32SPG870062;}$
CE;CONSTRUCT;SM5;;;OBSTACLE;MINE;AG;M-FLD-AS-LOW;{0332SPG998051;32SPG995052;
32SPG999054;}$
CE;CONSTRUCT;SM6;;;OBSTACLE;MINE;AG;M-FLD-AS-LOW;{0432SPF862933;32SPF866921;
32SPF862920;32SPF857933;}$
CE;CONSTRUCT;SM7;;;OBSTACLE;MINE;AG;M-FLD-AS-LOW;{0432SPF875892;32SPF870891;
32SPF864910;32SPF869912;}$
CE;CONSTRUCT;SM8;;;OBSTACLE;MINE;AG;M-FLD-AS-LOW;{0432SPF893851;32SPF890852;
32SPF889855;32SPF893853;}$
#
# Create minefields
CE;CONSTRUCT;M1;;;OBSTACLE;MINE;AG;M-FLD-AP-LOW;{0432SPF774953;32SPF777953;
32SPF778955;32SPF775955;}$
CE;CONSTRUCT;M2;;;OBSTACLE;MINE;AG;M-FLD-AP-LOW;{0432SPG816049;32SPG815050;
32SPG815051;32SPG817049;}$
CE;CONSTRUCT;M3;;;OBSTACLE;MINE;AG;M-FLD-AP-LOW;{0432SPF796882;32SPF793881;
32SPF792884;32SPF795885;}$
CE;CONSTRUCT;M4;;;OBSTACLE;MINE;AG;M-FLD-AT-LOW;{0432SPF795881;32SPF794880;
32SPF793884;32SPF794884;}$
CE;CONSTRUCT;M5;;;OBSTACLE;MINE;AG;M-FLD-AP-LOW;{0432SPF734861;32SPF721861;
32SPF721857;32SPF734856;}$

```

B. A2C2_ORD_LOAD

```

ORD_LOAD;DEFINE;VROK;LF;{02ROCKEYE-BOMB;6;MT;AIM-9-MSL;2;NONE;}$
ORD_LOAD;DEFINE;VHARM;LF;{02HARM-MSL;4;MT;AIM-9-MSL;2;NONE;}$
ORD_LOAD;DEFINE;VMAV;LF;{02MAVERICK-LG-MSL;4;MT;AIM-9-MSL;2;NONE;}$
ORD_LOAD;DEFINE;V82;LF;{02MK-82-BOMB;6;MT;AIM-9-MSL;2;NONE;}$
ORD_LOAD;DEFINE;V83;LF;{02MK-83-BOMB;6;MT;AIM-9-MSL;2;NONE;}$
ORD_LOAD;DEFINE;V84;LF;{02MK-84-BOMB;6;MT;AIM-9-MSL;2;NONE;}$
ORD_LOAD;DEFINE;VAIM;LF;{02AIM-120-MSL;2;NONE;AIM-9-MSL;2;NONE;}$
ORD_LOAD;DEFINE;VHARP;LF;{01HARPOON-WH;1;Q;}$
ORD_LOAD;DEFINE;VPHX;LF;{02AIM-54-MSL;4;NONE;AIM-9-MSL;2;NONE;}$

```

C. A2C2_AG_AIR

```

UNIT;DEFINE;AGSUP;AG;SUPPLY;COMPANY;32SPF729830;AGCON_1;;SIMULATED;FALSE;YES;
OPFOR;AV_ORD;$
UNIT;DEFINE;AGAIR;AG;AIR_SQUADRON;SQUADRON;32SPF729830;AGCON_1;;SIMULATED;TRUE
;
YES;USMC;VMFA;$
AIRFIELD;DEFINE;AGFLD;32SPF729830;OPEN;AGSUP;AGSUP;{01AGAIR;}{00;}$
#
UNIT;DEFINE;AGSUP1;AG;SUPPLY;COMPANY;32SPF603645;AGCON_1;;SIMULATED;FALSE;YES;
OPFOR;AV_ORD;$

```

UNIT;DEFINE;AGAIR1;AG;AIR_SQUADRON;SQUADRON;32SPF603645;AGCON_1;;SIMULATED;
TRUE;YES;USMC;VMFA;\$
AIRCRAFT;DEFINE;MI-24-HIND;AGAIR1;3333;QUANTITY;24;\$
AIRCRAFT;DEFINE;SU-24-FENCER;AGAIR1;4444;QUANTITY;24;\$
AIRFIELD;DEFINE;AGFLD1;32SPF603645;OPEN;AGSUP1;AGSUP1;{01AGAIR1;}{00;}\$
ORD_LOAD;DEFINE;AGORD1;AG;{0130MM-HE-AC;700;NONE;}\$
ORD_LOAD;DEFINE;AGORD2;AG;{01500KG-GP-BOMB;6;MT;}\$

D. A2C2_AG_GRD

UNIT;DEFINE;HILLIFY;AG;INFANTRY;SECTION;32SPF842931;AGCON_1;;SIMULATED;FALSE;
YES;USMC;HMG;\$

UNIT;DEFINE;ARTY1;AG;ARTILLERY;SECTION;32SPF578805;AGCON_1;;SIMULATED;FALSE;NO
;
\$
ASSETS;UPDATE;ARTY1;TROOPS;{018;HEALTHY;}\$
ASSETS;UPDATE;ARTY1;ASSET;{02152MM-HE;50;OPERATIONAL;D-20;2;OPERATIONAL;}\$
ASSETS;UPDATE;ARTY1;FUEL;100;\$
ASSETS;UPDATE;ARTY1;RATIONS;20;\$
ASSETS;UPDATE;ARTY1;WATER;20;\$

UNIT;DEFINE;ARTY2;AG;ARTILLERY;SECTION;32SPF580784;AGCON_1;;SIMULATED;FALSE;NO
;
\$
ASSETS;UPDATE;ARTY2;TROOPS;{018;HEALTHY;}\$
ASSETS;UPDATE;ARTY2;ASSET;{02152MM-HE;50;OPERATIONAL;D-20;2;OPERATIONAL;}\$
ASSETS;UPDATE;ARTY2;FUEL;100;\$
ASSETS;UPDATE;ARTY2;RATIONS;20;\$
ASSETS;UPDATE;ARTY2;WATER;20;\$

UNIT;DEFINE;ARTY3;AG;ARTILLERY;SECTION;32SPF582767;AGCON_1;;SIMULATED;FALSE;NO
;
\$
ASSETS;UPDATE;ARTY3;TROOPS;{018;HEALTHY;}\$
ASSETS;UPDATE;ARTY3;ASSET;{02152MM-HE;50;OPERATIONAL;D-20;2;OPERATIONAL;}\$
ASSETS;UPDATE;ARTY3;FUEL;100;\$
ASSETS;UPDATE;ARTY3;RATIONS;20;\$
ASSETS;UPDATE;ARTY3;WATER;20;\$

UNIT;DEFINE;ARTY4;AG;ARTILLERY;SECTION;32SPF582753;AGCON_1;;SIMULATED;FALSE;NO
;
\$
ASSETS;UPDATE;ARTY4;TROOPS;{018;HEALTHY;}\$
ASSETS;UPDATE;ARTY4;ASSET;{02152MM-HE;50;OPERATIONAL;D-20;2;OPERATIONAL;}\$
ASSETS;UPDATE;ARTY4;FUEL;100;\$
ASSETS;UPDATE;ARTY4;RATIONS;20;\$
ASSETS;UPDATE;ARTY4;WATER;20;\$

UNIT;DEFINE;SILK1;AG;ARTILLERY;SECTION;32SPF597807;AGCON_1;;SIMULATED;FALSE;NO
;
\$
ASSETS;UPDATE;SILK1;TROOPS;{018;HEALTHY;}\$
ASSETS;UPDATE;SILK1;ASSET;{02152MM-HE;50;OPERATIONAL;D-20;2;OPERATIONAL;}\$
ASSETS;UPDATE;SILK1;FUEL;100;\$
ASSETS;UPDATE;SILK1;RATIONS;20;\$
ASSETS;UPDATE;SILK1;WATER;20;\$
#

```

UNIT;DEFINE;SILK2;AG;ARTILLERY;SECTION;32SPF597789;AGCON_1;;SIMULATED;FALSE;NO
;
$
ASSETS;UPDATE;SILK2;TROOPS;{018;HEALTHY;}$
ASSETS;UPDATE;SILK2;ASSET;{02152MM-HE;50;OPERATIONAL;D-20;2;OPERATIONAL;}$
ASSETS;UPDATE;SILK2;FUEL;100;$
ASSETS;UPDATE;SILK2;RATIONS;20;$
ASSETS;UPDATE;SILK2;WATER;20;$
#
UNIT;DEFINE;SILK3;AG;ARTILLERY;SECTION;32SPF600769;AGCON_1;;SIMULATED;FALSE;NO
;
$
ASSETS;UPDATE;SILK3;TROOPS;{018;HEALTHY;}$
ASSETS;UPDATE;SILK3;ASSET;{02152MM-HE;50;OPERATIONAL;D-20;2;OPERATIONAL;}$
ASSETS;UPDATE;SILK3;FUEL;100;$
ASSETS;UPDATE;SILK3;RATIONS;20;$
ASSETS;UPDATE;SILK3;WATER;20;$
#
UNIT;DEFINE;SILK4;AG;ARTILLERY;SECTION;32SPF601755;AGCON_1;;SIMULATED;FALSE;NO
;
$
ASSETS;UPDATE;SILK4;TROOPS;{018;HEALTHY;}$
ASSETS;UPDATE;SILK4;ASSET;{02152MM-HE;50;OPERATIONAL;D-20;2;OPERATIONAL;}$
ASSETS;UPDATE;SILK4;FUEL;100;$
ASSETS;UPDATE;SILK4;RATIONS;20;$
ASSETS;UPDATE;SILK4;WATER;20;$
#
UNIT;DEFINE;SILK5;AG;ARTILLERY;SECTION;32SPF602743;AGCON_1;;SIMULATED;FALSE;NO
;
$
ASSETS;UPDATE;SILK5;TROOPS;{018;HEALTHY;}$
ASSETS;UPDATE;SILK5;ASSET;{02152MM-HE;50;OPERATIONAL;D-20;2;OPERATIONAL;}$
ASSETS;UPDATE;SILK5;FUEL;100;$
ASSETS;UPDATE;SILK5;RATIONS;20;$
ASSETS;UPDATE;SILK5;WATER;20;$
#
UNIT;DEFINE;SAM1;AG;AIR_DEFENSE;SECTION;32SPF547805;AGCON_1;;SIMULATED;FALSE;
NO;$
ASSETS;UPDATE;SAM1;TROOPS;{014;HEALTHY;}$
ASSETS;UPDATE;SAM1;FUEL;100;$
ASSETS;UPDATE;SAM1;RATIONS;30;$
ASSETS;UPDATE;SAM1;WATER;20;$
ASSETS;UPDATE;SAM1;ASSET;{01SA-9-MSL;4;OPERATIONAL;}$
ASSETS;UPDATE;SAM1;ASSET;{01SA-9-SPADML;1;OPERATIONAL;}$
#
UNIT;DEFINE;SAM2;AG;AIR_DEFENSE;SECTION;32SPF549781;AGCON_1;;SIMULATED;FALSE;
NO;$
ASSETS;UPDATE;SAM2;FUEL;100;$
ASSETS;UPDATE;SAM2;RATIONS;20;$
ASSETS;UPDATE;SAM2;WATER;20;$
ASSETS;UPDATE;SAM2;TROOPS;{014;HEALTHY;}$
ASSETS;UPDATE;SAM2;ASSET;{01SA-9-MSL;4;OPERATIONAL;}$
ASSETS;UPDATE;SAM2;ASSET;{01SA-9-SPADML;1;OPERATIONAL;}$
#
UNIT;DEFINE;SAM3;AG;AIR_DEFENSE;SECTION;32SPF548761;AGCON_1;;SIMULATED;FALSE;
NO;$
ASSETS;UPDATE;SAM3;TROOPS;{014;HEALTHY;}$
ASSETS;UPDATE;SAM3;FUEL;100;$
ASSETS;UPDATE;SAM3;RATIONS;20;$
ASSETS;UPDATE;SAM3;WATER;20;$
ASSETS;UPDATE;SAM3;ASSET;{01SA-9-MSL;4;OPERATIONAL;}$

```

```

ASSETS;UPDATE;SAM3;ASSET;{01SA-9-SPADML;1;OPERATIONAL;}$
#
UNIT;DEFINE;SAM4;AG;AIR_DEFENSE;SECTION;32SPF550740;AGCON_1;;SIMULATED;FALSE;
NO;$
ASSETS;UPDATE;SAM4;FUEL;100;$
ASSETS;UPDATE;SAM4;RATIONS;30;$
ASSETS;UPDATE;SAM4;WATER;20;$
#
UNIT;DEFINE;SAM5;AG;AIR_DEFENSE;SECTION;32SPF550722;AGCON_1;;SIMULATED;FALSE;
NO;$
ASSETS;UPDATE;SAM5;FUEL;100;$
ASSETS;UPDATE;SAM5;RATIONS;20;$
ASSETS;UPDATE;SAM5;WATER;20;$
ASSETS;UPDATE;SAM5;TROOPS;{014;HEALTHY;}$
#
UNIT;DEFINE;SAM6;AG;AIR_DEFENSE;SECTION;32SPF551708;AGCON_1;;SIMULATED;FALSE;
NO;$
ASSETS;UPDATE;SAM6;TROOPS;{014;HEALTHY;}$
ASSETS;UPDATE;SAM6;FUEL;100;$
ASSETS;UPDATE;SAM6;RATIONS;20;$
ASSETS;UPDATE;SAM6;WATER;20;$
#
UNIT;DEFINE;FROG1;AG;ARTILLERY;SECTION;32SPF523806;MANCON_2;;SIMULATED;FALSE;
NO;$
ASSETS;UPDATE;FROG1;TROOPS;{014;HEALTHY;}$
ASSETS;UPDATE;FROG1;ASSET;{01FROG-7-HE-MSL;4;OPERATIONAL;}$
ASSETS;UPDATE;FROG1;ASSET;{01FROG-7-SSM;1;OPERATIONAL;}$
ASSETS;UPDATE;FROG1;FUEL;100;$
ASSETS;UPDATE;FROG1;RATIONS;20;$
ASSETS;UPDATE;FROG1;WATER;20;$
#
UNIT;DEFINE;FROG2;AG;ARTILLERY;SECTION;32SPF524782;AGCON_1;;SIMULATED;FALSE;NO
;
$
ASSETS;UPDATE;FROG2;TROOPS;{014;HEALTHY;}$
ASSETS;UPDATE;FROG2;ASSET;{01FROG-7-HE-MSL;4;OPERATIONAL;}$
ASSETS;UPDATE;FROG2;ASSET;{01FROG-7-SSM;1;OPERATIONAL;}$
ASSETS;UPDATE;FROG2;FUEL;100;$
ASSETS;UPDATE;FROG2;RATIONS;20;$
ASSETS;UPDATE;FROG2;WATER;20;$
#
UNIT;DEFINE;FROG3;AG;ARTILLERY;SECTION;32SPF524763;AGCON_1;;SIMULATED;FALSE;NO
;
$
ASSETS;UPDATE;FROG3;TROOPS;{014;HEALTHY;}$
ASSETS;UPDATE;FROG3;ASSET;{01FROG-7-HE-MSL;4;OPERATIONAL;}$
ASSETS;UPDATE;FROG3;ASSET;{01FROG-7-SSM;1;OPERATIONAL;}$
ASSETS;UPDATE;FROG3;FUEL;100;$
ASSETS;UPDATE;FROG3;RATIONS;20;$
ASSETS;UPDATE;FROG3;WATER;20;$
#
UNIT;DEFINE;FROG4;AG;ARTILLERY;SECTION;32SPF524742;AGCON_1;;SIMULATED;FALSE;NO
;
$
ASSETS;UPDATE;FROG4;TROOPS;{014;HEALTHY;}$
ASSETS;UPDATE;FROG4;ASSET;{01FROG-7-HE-MSL;4;OPERATIONAL;}$
ASSETS;UPDATE;FROG4;ASSET;{01FROG-7-SSM;1;OPERATIONAL;}$
ASSETS;UPDATE;FROG4;FUEL;100;$
ASSETS;UPDATE;FROG4;RATIONS;20;$
ASSETS;UPDATE;FROG4;WATER;20;$
#

```

```

UNIT; DEFINE; FROG5; AG; ARTILLERY; SECTION; 32SPF525723; AGCON_1; ; SIMULATED; FALSE; NO
;
$
ASSETS; UPDATE; FROG5; TROOPS; {014; HEALTHY; }$
ASSETS; UPDATE; FROG5; ASSET; {01FROG-7-HE-MSL; 4; OPERATIONAL; }$
ASSETS; UPDATE; FROG5; ASSET; {01FROG-7-SSM; 1; OPERATIONAL; }$
ASSETS; UPDATE; FROG5; FUEL; 100; $
ASSETS; UPDATE; FROG5; RATIONS; 20; $
ASSETS; UPDATE; FROG5; WATER; 20; $
#
UNIT; DEFINE; FROG6; AG; ARTILLERY; SECTION; 32SPF525708; AGCON_1; ; SIMULATED; FALSE; NO
;
$
ASSETS; UPDATE; FROG6; TROOPS; {014; HEALTHY; }$
ASSETS; UPDATE; FROG6; ASSET; {01FROG-7-HE-MSL; 4; OPERATIONAL; }$
ASSETS; UPDATE; FROG6; ASSET; {01FROG-7-SSM; 1; OPERATIONAL; }$
ASSETS; UPDATE; FROG6; FUEL; 100; $
ASSETS; UPDATE; FROG6; RATIONS; 20; $
ASSETS; UPDATE; FROG6; WATER; 20; $
#
UNIT; DEFINE; FROG7; AG; ARTILLERY; SECTION; 32SPF528688; AGCON_1; ; SIMULATED; FALSE; NO
;
$
ASSETS; UPDATE; FROG7; TROOPS; {014; HEALTHY; }$
ASSETS; UPDATE; FROG7; ASSET; {01FROG-7-HE-MSL; 4; OPERATIONAL; }$
ASSETS; UPDATE; FROG7; ASSET; {01FROG-7-SSM; 1; OPERATIONAL; }$
ASSETS; UPDATE; FROG7; FUEL; 100; $
ASSETS; UPDATE; FROG7; RATIONS; 20; $
ASSETS; UPDATE; FROG7; WATER; 20; $
#
UNIT; DEFINE; FROG8; AG; ARTILLERY; SECTION; 32SPF527674; AGCON_1; ; SIMULATED; FALSE; NO
;
$
ASSETS; UPDATE; FROG8; TROOPS; {014; HEALTHY; }$
ASSETS; UPDATE; FROG8; ASSET; {01FROG-7-HE-MSL; 4; OPERATIONAL; }$
ASSETS; UPDATE; FROG8; ASSET; {01FROG-7-SSM; 1; OPERATIONAL; }$
ASSETS; UPDATE; FROG8; FUEL; 100; $
ASSETS; UPDATE; FROG8; RATIONS; 20; $
ASSETS; UPDATE; FROG8; WATER; 20; $
#
UNIT; DEFINE; FROG9; AG; ARTILLERY; SECTION; 32SPF528660; AGCON_1; ; SIMULATED; FALSE; NO
;
$
ASSETS; UPDATE; FROG9; TROOPS; {014; HEALTHY; }$
ASSETS; UPDATE; FROG9; ASSET; {01FROG-7-HE-MSL; 4; OPERATIONAL; }$
ASSETS; UPDATE; FROG9; ASSET; {01FROG-7-SSM; 1; OPERATIONAL; }$
ASSETS; UPDATE; FROG9; FUEL; 100; $
ASSETS; UPDATE; FROG9; RATIONS; 20; $
ASSETS; UPDATE; FROG9; WATER; 20; $
#
UNIT; DEFINE; FROG10; AG; ARTILLERY; SECTION; 32SPF527652; AGCON_1; ; SIMULATED; FALSE;
NO; $
ASSETS; UPDATE; FROG10; TROOPS; {014; HEALTHY; }$
ASSETS; UPDATE; FROG10; ASSET; {01FROG-7-HE-MSL; 4; OPERATIONAL; }$
ASSETS; UPDATE; FROG10; ASSET; {01FROG-7-SSM; 1; OPERATIONAL; }$
ASSETS; UPDATE; FROG10; FUEL; 100; $
ASSETS; UPDATE; FROG10; RATIONS; 20; $
ASSETS; UPDATE; FROG10; WATER; 20; $
#
UNIT; DEFINE; FROG11; AG; ARTILLERY; SECTION; 32SPF528645; AGCON_1; ; SIMULATED; FALSE;
NO; $

```

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ASSETS;UPDATE;FROG11;TROOPS;{014;HEALTHY;}$
ASSETS;UPDATE;FROG11;ASSET;{01FROG-7-HE-MSL;4;OPERATIONAL;}$
ASSETS;UPDATE;FROG11;ASSET;{01FROG-7-SSM;1;OPERATIONAL;}$
ASSETS;UPDATE;FROG11;FUEL;100;$
ASSETS;UPDATE;FROG11;RATIONS;20;$
ASSETS;UPDATE;FROG11;WATER;20;$
#
UNIT;DEFINE;TANK1;AG;TANK;COMPANY;32SPF428801;AGCON_1;;SIMULATED;FALSE;YES;
USMC;M1A1;$
UNIT;DEFINE;TANK2;AG;TANK;COMPANY;32SPF430778;AGCON_1;;SIMULATED;FALSE;YES;
USMC;M1A1;$
UNIT;DEFINE;TANK3;AG;TANK;COMPANY;32SPF431757;AGCON_1;;SIMULATED;FALSE;YES;
USMC;M1A1;$
UNIT;DEFINE;TANK4;AG;TANK;COMPANY;32SPF432739;AGCON_1;;SIMULATED;FALSE;YES;
USMC;M1A1;$
UNIT;DEFINE;TANK5;AG;TANK;COMPANY;32SPF436718;AGCON_1;;SIMULATED;FALSE;YES;
USMC;M1A1;$
UNIT;DEFINE;TANK6;AG;TANK;COMPANY;32SPF436696;AGCON_1;;SIMULATED;FALSE;YES;
USMC;M1A1;$
UNIT;DEFINE;LDVEH1;AG;LIGHT_ARMOR;COMPANY;32SPF596839;AGCON_1;;SIMULATED;FALSE
;
YES;USMC;LAI;$
UNIT;DEFINE;LDVEH2;AG;LIGHT_ARMOR;COMPANY;32SPF610829;AGCON_1;;SIMULATED;FALSE
;
YES;USMC;LAI;$
UNIT;DEFINE;LDVEH3;AG;LIGHT_ARMOR;COMPANY;32SPF627820;AGCON_1;;SIMULATED;FALSE
;
YES;USMC;LAI;$

```

E. A2C2_AG_SHIPS

```

UNIT;DEFINE;PB1;AG;SHIP;COMPANY;32SPF496805;AGCON_1;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;PB1;ASSET;{01PC-BOAT;1;OPERATIONAL;}$
ASSETS;UPDATE;PB1;TROOPS;{0130;HEALTHY;}$
ASSETS;UPDATE;PB1;FUEL;1000;$
ASSETS;UPDATE;PB1;RATIONS;1000;$
ASSETS;UPDATE;PB1;WATER;1000;$
#
UNIT;DEFINE;PB2;AG;SHIP;COMPANY;32SPF496782;AGCON_1;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;PB2;ASSET;{01PC-BOAT;1;OPERATIONAL;}$
ASSETS;UPDATE;PB2;TROOPS;{0130;HEALTHY;}$
ASSETS;UPDATE;PB2;FUEL;1000;$
ASSETS;UPDATE;PB2;RATIONS;1000;$
ASSETS;UPDATE;PB2;WATER;1000;$
#
UNIT;DEFINE;PB3;AG;SHIP;COMPANY;32SPF500761;AGCON_1;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;PB3;ASSET;{01PC-BOAT;1;OPERATIONAL;}$
ASSETS;UPDATE;PB3;TROOPS;{0130;HEALTHY;}$
ASSETS;UPDATE;PB3;FUEL;1000;$
ASSETS;UPDATE;PB3;RATIONS;1000;$
ASSETS;UPDATE;PB3;WATER;1000;$
#
UNIT;DEFINE;PB4;AG;SHIP;COMPANY;32SPF500741;AGCON_1;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;PB4;ASSET;{01PC-BOAT;1;OPERATIONAL;}$
ASSETS;UPDATE;PB4;TROOPS;{0130;HEALTHY;}$
ASSETS;UPDATE;PB4;FUEL;1000;$
ASSETS;UPDATE;PB4;RATIONS;1000;$
ASSETS;UPDATE;PB4;WATER;1000;$

```

```

#
UNIT;DEFINE;PB5;AG;SHIP;COMPANY;32SPF501721;AGCON_1;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;PB5;ASSET;{01PC-BOAT;1;OPERATIONAL;}$
ASSETS;UPDATE;PB5;TROOPS;{0130;HEALTHY;}$
ASSETS;UPDATE;PB5;FUEL;1000;$
ASSETS;UPDATE;PB5;RATIONS;1000;$
ASSETS;UPDATE;PB5;WATER;1000;$
#
UNIT;DEFINE;SUB1;AG;SHIP;COMPANY;32SPF468804;AGCON_1;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;SUB1;ASSET;{01SUBMARINE;1;OPERATIONAL;}$
ASSETS;UPDATE;SUB1;TROOPS;{0130;HEALTHY;}$
ASSETS;UPDATE;SUB1;FUEL;1000;$
ASSETS;UPDATE;SUB1;RATIONS;1000;$
ASSETS;UPDATE;SUB1;WATER;1000;$
#
UNIT;DEFINE;SUB2;AG;SHIP;COMPANY;32SPF468781;AGCON_1;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;SUB2;ASSET;{01SUBMARINE;1;OPERATIONAL;}$
ASSETS;UPDATE;SUB2;TROOPS;{0130;HEALTHY;}$
ASSETS;UPDATE;SUB2;FUEL;1000;$
ASSETS;UPDATE;SUB2;RATIONS;1000;$
ASSETS;UPDATE;SUB2;WATER;1000;$
#
UNIT;DEFINE;SUB3;AG;SHIP;COMPANY;32SPF467761;AGCON_1;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;SUB3;ASSET;{01SUBMARINE;1;OPERATIONAL;}$
ASSETS;UPDATE;SUB3;TROOPS;{0130;HEALTHY;}$
ASSETS;UPDATE;SUB3;FUEL;1000;$
ASSETS;UPDATE;SUB3;RATIONS;1000;$
ASSETS;UPDATE;SUB3;WATER;1000;$
#
UNIT;DEFINE;SUB4;AG;SHIP;COMPANY;32SPF470742;AGCON_1;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;SUB4;ASSET;{01SUBMARINE;1;OPERATIONAL;}$
ASSETS;UPDATE;SUB4;TROOPS;{0130;HEALTHY;}$
ASSETS;UPDATE;SUB4;FUEL;1000;$
ASSETS;UPDATE;SUB4;RATIONS;1000;$
ASSETS;UPDATE;SUB4;WATER;1000;$
#
UNIT;DEFINE;SUB5;AG;SHIP;COMPANY;32SPF469720;AGCON_1;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;SUB5;ASSET;{01SUBMARINE;1;OPERATIONAL;}$
ASSETS;UPDATE;SUB5;TROOPS;{0130;HEALTHY;}$
ASSETS;UPDATE;SUB5;FUEL;1000;$
ASSETS;UPDATE;SUB5;RATIONS;1000;$

```

F. A2C2_COMM_AIR

```

UNIT;DEFINE;COMSUP;CIV;SUPPLY;COMPANY;32SPF626617;AGCON_1;;SIMULATED;FALSE;YES;
;
USMC;AV_ORD;$
UNIT;DEFINE;COMAIR;CIV;AIR_SQUADRON;SQUADRON;32SPF626617;AGCON_1;;SIMULATED;
FALSE;YES;USMC;VMFA;$
AIRCRAFT;DEFINE;BOEING-747;COMAIR;6666;QUANTITY;48;$
AIRFIELD;DEFINE;COMFLD;32SPF626617;OPEN;COMSUP;COMSUP;{01COMAIR;}{00;}$

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G. A2C2_A06_SHIPS

```

UNIT;DEFINE;CV;LF;SHIP;COMPANY;32SPG902122;MANCON_1;;SIMULATED;FALSE;YES;USN;
NIMITZ_CLASS;$

```



```

ASSETS;UPDATE;CV;FUEL;1000000;$
#
UNIT;DEFINE;VF_FLAG;LF;AIR_SQUADRON;SQUADRON;CV;MANCON_1;;SIMULATED;FALSE;YES;
USMC;VMFA;$
AIRCRAFT;DEFINE;F-14;VF_FLAG;2222;QUANTITY;24;$
#
UNIT;DEFINE;VF_GREEN;LF;AIR_SQUADRON;SQUADRON;CV;MANCON_2;;SIMULATED;FALSE;YES
;
USMC;VMFA;$
AIRCRAFT;DEFINE;FA-18;VF_GREEN;2222;QUANTITY;24;$
#
UNIT;DEFINE;VF_RED;LF;AIR_SQUADRON;SQUADRON;CV;MANCON_5;;SIMULATED;FALSE;YES;
USMC;VMFA;$
AIRCRAFT;DEFINE;FA-18;VF_RED;2222;QUANTITY;24;$
#
AIRFIELD;DEFINE;CV;CV;OPEN;;;{03VF_FLAG;VF_GREEN;VF_RED;}{00;}$
#
#-----
#
UNIT;DEFINE;CG;LF;SHIP;COMPANY;32SQF129936;MANCON_2;;SIMULATED;FALSE;YES;USN;
TICO_CLASS;$
#
#-----
#
UNIT;DEFINE;FFG;LF;SHIP;COMPANY;32SQG033043;MANCON_2;;SIMULATED;FALSE;YES;USN;
PERRY_CLASS;$
ASSETS;UPDATE;FFG;ASSET;{01HARPOON-WH;100;OPERATIONAL;}$
#
#-----
#
UNIT;DEFINE;DDG;LF;SHIP;COMPANY;32SPF907936;MANCON_3;;SIMULATED;FALSE;YES;USN;
KIDD_CLASS;$
ASSETS;UPDATE;DDG;ASSET;{01HARPOON-WH;100;OPERATIONAL;}$
CONTROL MEASURE;DEFINE;THEATRE;;;FIRE SUPPORT COORDINATION_LINE;POLYGON;
{0432SPG632142;32SPF672798;32SQF169798;32SQG159163;}DDG;$
#
#-----
#
UNIT;DEFINE;SMC;LF;SHIP;COMPANY;32SPF953915;MANCON_3;;SIMULATED;FALSE;YES;USN;
LST;$
#
#-----
#
UNIT;DEFINE;LPD;LF;SHIP;COMPANY;32SQF006850;MANCON_3;;SIMULATED;FALSE;YES;USN;
LPD;$
#
UNIT;DEFINE;VMV_PURPLE;LF;AIR_SQUADRON;SQUADRON;LPD;MANCON_4;;SIMULATED;FALSE;
YES;USMC;HMM;$
AIRCRAFT;DEFINE;MV-22;VMV_PURPLE;5555;QUANTITY;24;$
#
AIRFIELD;DEFINE;LPD;LPD;OPEN;;;{01VMV_PURPLE;}{00;}$
#
#-----
#
UNIT;DEFINE;AAAV1;LF;SHIP;COMPANY;32SQF006850;MANCON_4;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;AAAV1;ASSET;{01AAAV;1;OPERATIONAL;}$
#
#-----
#
UNIT;DEFINE;LHA;LF;SHIP;COMPANY;32SPF963991;MANCON_3;;SIMULATED;FALSE;YES;USN;
LHA;$

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```

ASSETS;UPDATE;LHA;FUEL;1000000;$
SEARCH_RADAR;DEFINE;LHA;32SPF962991;SPS-48-RADAR;LHA;$
#
UNIT;DEFINE;VMV_BLUE;LF;AIR_SQUADRON;SQUADRON;LHA;MANCON_3;;SIMULATED;FALSE;
YES;USMC;HMM;$
AIRCRAFT;DEFINE;MV-22;VMV_BLUE;5555;QUANTITY;24;$
#
AIRFIELD;DEFINE;LHA;LHA;OPEN;;;{01VMV_BLUE;}{00;}$
#
#-----
#
UNIT;DEFINE;AAAV2;LF;SHIP;COMPANY;32SPF963991;MANCON_4;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;AAAV2;ASSET;{01AAAV;1;OPERATIONAL;}$

```

H. A2C2_A06_LF_GRD

```

UNIT;DEFINE;SOF;LF;RECONNAISSANCE;TEAM;32SPG727000;MANCON_6;;SIMULATED;FALSE;
YES;USMC;FORCE_RECON;$
UNIT;INVISIBLE;SOF;;YES;$
#
#-----
#
UNIT;DEFINE;ENG;LF;ENGINEER;COMPANY;LPD;MANCON_6;;SIMULATED;FALSE;YES;USMC;
CMB_ENG;$
#
#-----
#
UNIT;DEFINE;MED1;LF;MEDICAL;COMPANY;LPD;MANCON_3;;SIMULATED;FALSE;YES;USMC;
MED_DET;$
#
#-----
#
UNIT;DEFINE;MED2;LF;MEDICAL;COMPANY;LHA;MANCON_3;;SIMULATED;FALSE;YES;USMC;
MED_DET;$
#
#-----
#
UNIT;DEFINE;MED3;LF;MEDICAL;COMPANY;LHA;MANCON_3;;SIMULATED;FALSE;YES;USMC;
MED_DET;$
#
#
UNIT;DEFINE;INF_H/B;LF;INFANTRY;COMPANY;LHA;MANCON_3;;SIMULATED;FALSE;YES;USMC
;
IFY_3;$
UNIT;DEFINE;INF_H/P;LF;INFANTRY;COMPANY;LPD;MANCON_4;;SIMULATED;FALSE;YES;USMC
;
IFY_3;$
UNIT;DEFINE;INF_A1/P;LF;INFANTRY;COMPANY;AAAV1;MANCON_4;;SIMULATED;FALSE;YES;
USMC;IFY_3;$
UNIT;DEFINE;INF_A2/P;LF;INFANTRY;COMPANY;AAAV2;MANCON_4;;SIMULATED;FALSE;YES;
USMC;IFY_3;$

```

I. A2C2_SCRIPT

```

TIMETAG=060801ZJAN99;AIR MISSION;DEFINE;AA86;BOEING-747;1;COMAIR;COMFLD;;;
TRANSPORT;TAKE_OFF;;{1232SPF839646;HIGH;WAY_POINT;32SPF751771;HIGH;WAY_POINT;

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32SQF021826;HIGH;WAY_POINT;32SPF757952;MEDIUM;WAY_POINT;32SPF968999;MEDIUM;
WAY_POINT;32SPG826156;MEDIUM;WAY_POINT;32SPG893242;MEDIUM;WAY_POINT;
32SQG284291;MEDIUM;WAY_POINT;32SQG096123;MEDIUM;WAY_POINT;32SQF060866;MEDIUM;
WAY_POINT;32SQF045729;MEDIUM;WAY_POINT;32SPF726865;MEDIUM;WAY_POINT;}\$
TIMETAG=060802ZJAN99;SHIP_OPERATIONS;LOCATE;PB1;32SPG683134;\$
TIMETAG=060802ZJAN99;SHIP_OPERATIONS;MOVE;BY_SHIP;PB1;COLLOCATED;NO;;NO;;
{0132SPG804060;}\$
TIMETAG=060804ZJAN99;SHIP_OPERATIONS;LOCATE;SUB1;32SQG111096;\$
TIMETAG=060804ZJAN99;SHIP_OPERATIONS;MOVE;BY_SHIP;SUB1;COLLOCATED;NO;;NO;;
{0132SPG902122;}\$
TIMETAG=060804ZJAN99;AIR_MISSION;DEFINE;BOGEY1;SU-24-
FENCER;2;AGAIR1;AGFLD1;;;;
DAS;AGORD2;;;FALSE;TAKE_OFF;;{0332SPF755665;VERY_LOW;WAY_POINT;32SPF814965;
VERY_LOW;WAY_POINT;CV;VERY_LOW;ATTACK;}\$
TIMETAG=060805ZJAN99;UNIT;LOCATE;FROG1;32SPF817938;\$
TIMETAG=060807ZJAN99;UNIT;LOCATE;FROG2;32SPF825905;\$
TIMETAG=060807ZJAN99;AIR_MISSION;DEFINE;UA18;BOEING-747;1;COMAIR;COMFLD;;;;
TRANSPORT;TAKE_OFF;;{0632SPF573843;MEDIUM;WAY_POINT;32SPG612134;MEDIUM;
WAY_POINT;32SPG897252;MEDIUM;WAY_POINT;32SQG128196;MEDIUM;WAY_POINT;
32SQG344048;MEDIUM;WAY_POINT;32SQF327717;MEDIUM;WAY_POINT;}\$
TIMETAG=060808ZJAN99;UNIT;LOCATE;SILK1;32SPF829968;\$
TIMETAG=060810ZJAN99;UNIT;LOCATE;FROG1;32SPF522806;\$
TIMETAG=060810ZJAN99;AIR_MISSION;DEFINE;BOGEY2;SU-24-
FENCER;2;AGAIR1;AGFLD1;;;;
DAS;AGORD2;;;FALSE;TAKE_OFF;;{0432SPF373869;VERY_LOW;WAY_POINT;32SPG508313;
VERY_LOW;WAY_POINT;32SPG750461;VERY_LOW;WAY_POINT;CV;MEDIUM;ATTACK;}\$
TIMETAG=060811ZJAN99;SHIP_OPERATIONS;LOCATE;SUB2;32SQF164977;\$
TIMETAG=060811ZJAN99;SHIP_OPERATIONS;MOVE;BY_SHIP;SUB2;COLLOCATED;NO;;NO;;
{0132SPG972001;}\$
TIMETAG=060812ZJAN99;UNIT;LOCATE;FROG2;32SPF523783;\$
TIMETAG=060814ZJAN99;UNIT;LOCATE;SILK2;32SPF867878;\$
TIMETAG=060814ZJAN99;AIR_MISSION;DEFINE;BOGEY3;SU-24-
FENCER;2;AGAIR1;AGFLD1;;;;
DAS;AGORD2;;;FALSE;TAKE_OFF;;{0432SPF713793;VERY_LOW;WAY_POINT;32SPF759910;
VERY_LOW;WAY_POINT;32SPF843918;VERY_LOW;WAY_POINT;LHA;MEDIUM;ATTACK;}\$
TIMETAG=060814ZJAN99;AIR_MISSION;DEFINE;DL403;BOEING-747;1;COMAIR;COMFLD;;;;
TRANSPORT;TAKE_OFF;;{0732SPF551862;MEDIUM;WAY_POINT;32SPG632014;MEDIUM;
WAY_POINT;32SPG709136;MEDIUM;WAY_POINT;32SPG913182;MEDIUM;WAY_POINT;
32SQG106172;MEDIUM;WAY_POINT;32SQG221067;MEDIUM;WAY_POINT;32SQF217756;MEDIUM;
WAY_POINT;}\$
TIMETAG=060815ZJAN99;UNIT;LOCATE;FROG3;32SPF830879;\$
TIMETAG=060816ZJAN99;AIR_MISSION;DEFINE;QA142;BOEING-747;1;COMAIR;COMFLD;;;;
TRANSPORT;TAKE_OFF;;{0832SPF710776;MEDIUM;WAY_POINT;32SPF788851;MEDIUM;
WAY_POINT;32SPF932835;MEDIUM;WAY_POINT;32SQF081873;MEDIUM;WAY_POINT;
32SQF138911;MEDIUM;WAY_POINT;32SQG197039;MEDIUM;WAY_POINT;32SQG137101;MEDIUM;
WAY_POINT;32SPG959152;MEDIUM;WAY_POINT;}\$
TIMETAG=060816ZJAN99;AIR_MISSION;DEFINE;QA142;BOEING-747;1;COMAIR;COMFLD;;;;
TRANSPORT;TAKE_OFF;;{0832SPF885580;MEDIUM;WAY_POINT;32SQF314603;MEDIUM;
WAY_POINT;32SQF289905;MEDIUM;WAY_POINT;32SQG087128;MEDIUM;WAY_POINT;
32SPG984184;MEDIUM;WAY_POINT;32SPG915182;MEDIUM;WAY_POINT;32SPG772168;MEDIUM;
WAY_POINT;32SPG604120;MEDIUM;WAY_POINT;}\$
TIMETAG=060816ZJAN99;AIR_MISSION;DEFINE;BOGEY4;SU-24-
FENCER;2;AGAIR1;AGFLD1;;;;
DAS;AGORD2;;;FALSE;TAKE_OFF;;{0432SPF738785;VERY_LOW;WAY_POINT;32SPF842835;
VERY_LOW;WAY_POINT;32SPF936866;VERY_LOW;WAY_POINT;LHA;MEDIUM;ATTACK;}\$
TIMETAG=060817ZJAN99;SHIP_OPERATIONS;LOCATE;PB2;32SQG053159;\$
TIMETAG=060817ZJAN99;SHIP_OPERATIONS;MOVE;BY_SHIP;PB2;COLLOCATED;NO;;NO;;
{0132SPG987047;}\$
TIMETAG=060818ZJAN99;UNIT;LOCATE;FROG4;32SPF806917;\$
TIMETAG=060819ZJAN99;AIR_MISSION;DEFINE;HELO1;MI-24-HIND;1;AGAIR1;AGFLD1;;;;
DAS;AGORD1;;;FALSE;TAKE_OFF;;{0432SPF542890;VERY_LOW;WAY_POINT;32SPF644938;

VERY LOW;WAY POINT;32SPF813936;VERY LOW;WAY POINT;LHA;VERY LOW;ATTACK;}\$
 TIMETAG=060820ZJAN99;UNIT;LOCATE;ARTY1;32SPF785918;\$
 TIMETAG=060820ZJAN99;UNIT;LOCATE;FROG3;32SPF524762;\$
 TIMETAG=060820ZJAN99;AIR MISSION;DEFINE;BOGEY5;SU-24-
 FENCER;2;AGAIR1;AGFLD1;;;;
 DAS;AGORD2;;;FALSE;TAKE OFF;;{0432SPF684807;VERY LOW;WAY POINT;32SPF721962;
 VERY LOW;WAY POINT;32SPG818017;VERY LOW;WAY POINT;CV;MEDIUM;ATTACK;}\$
 TIMETAG=060821ZJAN99;UNIT;LOCATE;SILK1;32SPF596808;\$
 TIMETAG=060822ZJAN99;UNIT;LOCATE;SILK2;32SPF597796;\$
 TIMETAG=060823ZJAN99;UNIT;LOCATE;FROG4;32SPF524741;\$
 TIMETAG=060823ZJAN99;UNIT;LOCATE;FROG5;32SPF820943;\$
 TIMETAG=060822ZJAN99;AIR MISSION;DEFINE;BOGEY6;SU-24-
 FENCER;2;AGAIR1;AGFLD1;;;;
 DAS;AGORD2;;;FALSE;TAKE OFF;;{0632SPF758748;VERY LOW;WAY POINT;32SPF865835;
 VERY LOW;WAY POINT;32SPF946877;VERY LOW;WAY POINT;32SPF799904;MEDIUM;WAY POINT
 ;
 32SPF850992;MEDIUM;WAY POINT;LHA;MEDIUM;ATTACK;}\$
 TIMETAG=060824ZJAN99;SHIP_OPERATIONS;LOCATE;PB3;32SQF031800;\$
 TIMETAG=060824ZJAN99;SHIP_OPERATIONS;MOVE;BY_SHIP;PB3;COLLOCATED;NO;;NO;;
 {0132SPF880849;}\$
 TIMETAG=060825ZJAN99;AIR MISSION;DEFINE;HELO2;MI-24-HIND;1;AGAIR1;AGFLD1;;;;
 DAS;AGORD1;;;FALSE;TAKE OFF;;{0432SPF747805;VERY LOW;WAY POINT;32SPF703929;
 VERY LOW;WAY POINT;32SPF806967;VERY LOW;WAY POINT;LHA;VERY LOW;ATTACK;}\$
 TIMETAG=060825ZJAN99;UNIT;LOCATE;ARTY1;32SPF578807;\$
 TIMETAG=060826ZJAN99;SHIP_OPERATIONS;LOCATE;SUB3;32SQF162979;\$
 TIMETAG=060826ZJAN99;SHIP_OPERATIONS;MOVE;BY_SHIP;SUB3;COLLOCATED;NO;;NO;;
 {0132SPF948957;}\$
 TIMETAG=060827ZJAN99;UNIT;LOCATE;FROG6;32SPF822872;\$
 TIMETAG=060827ZJAN99;AIR MISSION;DEFINE;LU812;BOEING-747;1;COMAIR;COMFLD;;;;
 TRANSPORT;TAKE OFF;;{0832SPF682835;MEDIUM;WAY POINT;32SPF682914;MEDIUM;
 WAY POINT;32SPG714074;MEDIUM;WAY POINT;32SPG845132;MEDIUM;WAY POINT;
 32SQG063132;MEDIUM;WAY POINT;32SQG138046;MEDIUM;WAY POINT;32SQF084968;MEDIUM;
 WAY POINT;32SQF094815;MEDIUM;WAY POINT;}\$
 TIMETAG=060827ZJAN99;AIR MISSION;DEFINE;BOGEY7;SU-24-
 FENCER;2;AGAIR1;AGFLD1;;;;
 DAS;AGORD2;;;FALSE;TAKE OFF;;{0632SPF747768;VERY LOW;WAY POINT;32SPF862822;
 VERY LOW;WAY POINT;32SPF918891;VERY LOW;WAY POINT;32SQF009936;MEDIUM;WAY POINT
 ;
 32SQG005007;MEDIUM;WAY POINT;LHA;MEDIUM;ATTACK;}\$
 TIMETAG=060828ZJAN99;UNIT;LOCATE;FROG5;32SPF524723;\$
 TIMETAG=060829ZJAN99;AIR MISSION;DEFINE;BOGEY8;SU-24-
 FENCER;2;AGAIR1;AGFLD1;;;;
 DAS;AGORD2;;;FALSE;TAKE OFF;;{0632SPG578011;VERY LOW;WAY POINT;32SPF764998;
 VERY LOW;WAY POINT;32SPG751108;VERY LOW;WAY POINT;32SPG810091;MEDIUM;WAY POINT
 ;
 CV;MEDIUM;ATTACK;LHA;MEDIUM;ATTACK;}\$
 TIMETAG=060830ZJAN99;UNIT;LOCATE;FROG7;32SPF773902;\$
 TIMETAG=060830ZJAN99;AIR MISSION;DEFINE;BA564;BOEING-747;1;COMAIR;COMFLD;;;;
 TRANSPORT;TAKE OFF;;{1232SPF839646;HIGH;WAY POINT;32SPF751771;HIGH;WAY POINT;
 32SQF021826;HIGH;WAY POINT;32SPF757952;MEDIUM;WAY POINT;32SPF968999;MEDIUM;
 WAY POINT;32SPG826156;MEDIUM;WAY POINT;32SPG893242;MEDIUM;WAY POINT;
 32SQG284291;MEDIUM;WAY POINT;32SQG096123;MEDIUM;WAY POINT;32SQF060866;MEDIUM;
 WAY POINT;32SQF045729;MEDIUM;WAY POINT;32SPF726865;MEDIUM;WAY POINT;}\$
 TIMETAG=060831ZJAN99;UNIT;LOCATE;SILK3;32SPF870863;\$
 TIMETAG=060831ZJAN99;AIR MISSION;DEFINE;HELO3;MI-24-HIND;1;AGAIR1;AGFLD1;;;;
 DAS;AGORD1;;;FALSE;TAKE OFF;;{0432SPF542890;VERY LOW;WAY POINT;32SPF644938;
 VERY LOW;WAY POINT;32SPF813936;VERY LOW;WAY POINT;LHA;VERY LOW;ATTACK;}\$
 TIMETAG=060832ZJAN99;UNIT;LOCATE;FROG6;32SPF524708;\$
 TIMETAG=060832ZJAN99;AIR MISSION;DEFINE;BOGEY2;SU-24-
 FENCER;2;AGAIR1;AGFLD1;;;;
 DAS;AGORD2;;;FALSE;TAKE OFF;;{0432SPF373869;VERY LOW;WAY POINT;32SPG508313;

VERY_LOW;WAY_POINT;32SPG750461;VERY_LOW;WAY_POINT;CV;MEDIUM;ATTACK;}\$
 TIMETAG=060833ZJAN99;SHIP_OPERATIONS;LOCATE;PB4;32SPG849040;\$
 TIMETAG=060833ZJAN99;SHIP_OPERATIONS;MOVE;BY_SHIP;PB4;COLLOCATED;NO;;NO;;
 {0132SPG940034;}\$
 TIMETAG=060834ZJAN99;SHIP_OPERATIONS;LOCATE;SUB4;32SPG991156;\$
 TIMETAG=060834ZJAN99;SHIP_OPERATIONS;MOVE;BY_SHIP;SUB4;COLLOCATED;NO;;NO;;
 {0132SPG932070;}\$
 TIMETAG=060835ZJAN99;UNIT;LOCATE;ARTY2;32SPF788855;\$
 TIMETAG=060835ZJAN99;UNIT;LOCATE;FROG7;32SPF528689;\$
 TIMETAG=060835ZJAN99;AIR_MISSION;DEFINE;DL403;BOEING-747;1;COMAIR;COMFLD;;;;
 TRANSPORT;TAKE_OFF;;{0732SPF551862;MEDIUM;WAY_POINT;32SPG632014;MEDIUM;
 WAY_POINT;32SPG709136;MEDIUM;WAY_POINT;32SPG913182;MEDIUM;WAY_POINT;
 32SQG106172;MEDIUM;WAY_POINT;32SQG221067;MEDIUM;WAY_POINT;32SQF217756;MEDIUM;
 WAY_POINT;}\$
 TIMETAG=060836ZJAN99;UNIT;LOCATE;FROG8;32SPF790924;\$
 TIMETAG=060837ZJAN99;UNIT;LOCATE;SILK3;32SPF597786;\$
 TIMETAG=060837ZJAN99;UNIT;LOCATE;FROG9;32SPF798956;\$
 TIMETAG=060837ZJAN99;AIR_MISSION;DEFINE;HELO4;MI-24-HIND;1;AGAIR1;AGFLD1;;;;
 DAS;AGORD1;;;FALSE;TAKE_OFF;;{0432SPF731769;VERY_LOW;WAY_POINT;32SPF844821;
 VERY_LOW;WAY_POINT;32SPF851915;VERY_LOW;WAY_POINT;LHA;VERY_LOW;ATTACK;}\$
 TIMETAG=060837ZJAN99;AIR_MISSION;DEFINE;BOGEY10;SU-24-
 FENCER;2;AGAIR1;AGFLD1;;;;
 ;DAS;AGORD2;;;FALSE;TAKE_OFF;;{0532SPF684813;VERY_LOW;WAY_POINT;32SPF707972;
 VERY_LOW;WAY_POINT;32SPF805996;VERY_LOW;WAY_POINT;32SPG917025;MEDIUM;WAY_POINT
 ;
 LHA;MEDIUM;ATTACK;}\$
 TIMETAG=060839ZJAN99;AIR_MISSION;DEFINE;BOGEY11;SU-24-
 FENCER;2;AGAIR1;AGFLD1;;;;
 ;DAS;AGORD2;;;FALSE;TAKE_OFF;;{0332SPF645842;VERY_LOW;WAY_POINT;32SPF694916;
 VERY_LOW;WAY_POINT;32SPF774908;VERY_LOW;ORBIT;}\$
 TIMETAG=060840ZJAN99;UNIT;LOCATE;ARTY2;32SPF580783;\$
 TIMETAG=060840ZJAN99;SHIP_OPERATIONS;LOCATE;PB5;32SPG853148;\$
 TIMETAG=060840ZJAN99;SHIP_OPERATIONS;MOVE;BY_SHIP;PB5;COLLOCATED;NO;;NO;;
 {0132SPG804062;}\$
 TIMETAG=060840ZJAN99;AIR_MISSION;DEFINE;FT901;BOEING-747;1;COMAIR;COMFLD;;;;
 TRANSPORT;TAKE_OFF;;{0832SPF710776;MEDIUM;WAY_POINT;32SPF788851;MEDIUM;
 WAY_POINT;32SPF932835;MEDIUM;WAY_POINT;32SQF081873;MEDIUM;WAY_POINT;
 32SQF138911;MEDIUM;WAY_POINT;32SQG197039;MEDIUM;WAY_POINT;32SQG137101;MEDIUM;
 WAY_POINT;32SPG959152;MEDIUM;WAY_POINT;}\$
 TIMETAG=060841ZJAN99;UNIT;LOCATE;FROG8;32SPF528670;\$
 TIMETAG=060841ZJAN99;AIR_MISSION;DEFINE;GT4;BOEING-747;1;COMAIR;COMFLD;;;;
 TRANSPORT;TAKE_OFF;;{0832SPF682835;MEDIUM;WAY_POINT;32SPF682914;MEDIUM;
 WAY_POINT;32SPG714074;MEDIUM;WAY_POINT;32SPG845132;MEDIUM;WAY_POINT;
 32SQG063132;MEDIUM;WAY_POINT;32SQG138046;MEDIUM;WAY_POINT;32SQF084968;MEDIUM;
 WAY_POINT;32SQF094815;MEDIUM;WAY_POINT;}\$
 TIMETAG=060842ZJAN99;SHIP_OPERATIONS;LOCATE;SUB5;32SQG140152;\$
 TIMETAG=060842ZJAN99;SHIP_OPERATIONS;MOVE;BY_SHIP;SUB5;COLLOCATED;NO;;NO;;
 {0132SPG903121;}\$
 TIMETAG=060843ZJAN99;UNIT;LOCATE;ARTY3;32SPF826855;\$
 TIMETAG=060843ZJAN99;UNIT;LOCATE;FROG9;32SPF526657;\$
 TIMETAG=060845ZJAN99;UNIT;LOCATE;FROG10;32SPF804902;\$

J. A2C2_A14_LF_GRD

UNIT;DEFINE;SOF;LF;RECONNAISSANCE;TEAM;32SPG727000;MANCON_1;;SIMULATED;FALSE;
 YES;USMC;FORCE_RECON;\$
 UNIT;INVISIBLE;SOF;;YES;\$
 #
 #-----

```

#
UNIT; DEFINE; ENG; LF; ENGINEER; COMPANY; LPD; MANCON_1; ; SIMULATED; FALSE; YES; USMC;
CMB_ENG; $
#
#-----
#
UNIT; DEFINE; MED/B; LF; MEDICAL; COMPANY; LPD; MANCON_3; ; SIMULATED; FALSE; YES; USMC;
MED_DET; $
#
#-----
#
UNIT; DEFINE; MED1/P; LF; MEDICAL; COMPANY; LHA; MANCON_4; ; SIMULATED; FALSE; YES; USMC;
MED_DET; $
#
#-----
#
UNIT; DEFINE; MED2/P; LF; MEDICAL; COMPANY; LHA; MANCON_4; ; SIMULATED; FALSE; YES; USMC;
MED_DET; $
#
#
UNIT; DEFINE; INF_H/B; LF; INFANTRY; COMPANY; LPD; MANCON_3; ; SIMULATED; FALSE; YES; USMC
;
IFY_3; $
UNIT; DEFINE; INF_A/B; LF; INFANTRY; COMPANY; AAV/B; MANCON_3; ; SIMULATED; FALSE; YES;
USMC; IFY_3; $
UNIT; DEFINE; INF_H/P; LF; INFANTRY; COMPANY; LHA; MANCON_4; ; SIMULATED; FALSE; YES; USMC
;
IFY_3; $
UNIT; DEFINE; INF_A/P; LF; INFANTRY; COMPANY; AAV/P; MANCON_4; ; SIMULATED; FALSE; YES;
USMC; IFY_3; $

```

K. A2C2_A14_LF_SHIPS

```

UNIT; DEFINE; CV; LF; SHIP; COMPANY; 32SPG902122; MANCON_2; ; SIMULATED; FALSE; YES; USN;
NIMITZ_CLASS; $
ASSETS; UPDATE; CV; FUEL; 1000000; $
#
UNIT; DEFINE; VF_GREEN; LF; AIR_SQUADRON; SQUADRON; CV; MANCON_2; ; SIMULATED; FALSE; YES
;
USMC; VMFA; $
AIRCRAFT; DEFINE; F-14; VF_GREEN; 2222; QUANTITY; 24; $
#
UNIT; DEFINE; VF_FLAG; LF; AIR_SQUADRON; SQUADRON; CV; MANCON_1; ; SIMULATED; FALSE; YES;
USMC; VMFA; $
AIRCRAFT; DEFINE; FA-18; VF_FLAG; 2222; QUANTITY; 24; $
#
UNIT; DEFINE; VF_BLUE; LF; AIR_SQUADRON; SQUADRON; CV; MANCON_3; ; SIMULATED; FALSE; YES;
USMC; VMFA; $
AIRCRAFT; DEFINE; FA-18; VF_BLUE; 2222; QUANTITY; 24; $
#
UNIT; DEFINE; VF_PURPLE; LF; AIR_SQUADRON; SQUADRON; CV; MANCON_4; ; SIMULATED; FALSE;
YES; USMC; VMFA; $
AIRCRAFT; DEFINE; FA-18; VF_PURPLE; 2222; QUANTITY; 24; $
#
AIRFIELD; DEFINE; CV; CV; OPEN; ; ; {04VF_GREEN; VF_FLAG; VF_BLUE; VF_PURPLE; } {00; } $
#
#-----
#

```

```

UNIT;DEFINE;CG;LF;SHIP;COMPANY;32SQF129936;MANCON_2;;SIMULATED;FALSE;YES;USN;
TICO_CLASS;$
#
#-----
#
UNIT;DEFINE;FFG;LF;SHIP;COMPANY;32SQG033043;MANCON_2;;SIMULATED;FALSE;YES;USN;
PERRY_CLASS;$
ASSETS;UPDATE;FFG;ASSET;{01HARPOON-WH;100;OPERATIONAL;}$
#
#-----
#
UNIT;DEFINE;DDG;LF;SHIP;COMPANY;32SPF907936;MANCON_2;;SIMULATED;FALSE;YES;USN;
KIDD_CLASS;$
ASSETS;UPDATE;DDG;ASSET;{01HARPOON-WH;100;OPERATIONAL;}$
CONTROL_MEASURE;DEFINE;THEATRE;;;FIRE_SUPPORT_COORDINATION_LINE;POLYGON;
{0432SPG632142;32SPF672798;32SQF169798;32SQG159163;}DDG;$
#
#-----
#
UNIT;DEFINE;SMC;LF;SHIP;COMPANY;32SPF953915;MANCON_2;;SIMULATED;FALSE;YES;USN;
LST;$
#
#-----
#
UNIT;DEFINE;LPD;LF;SHIP;COMPANY;32SQF006850;MANCON_3;;SIMULATED;FALSE;YES;USN;
LPD;$
#
UNIT;DEFINE;VMV_BLUE;LF;AIR_SQUADRON;SQUADRON;LPD;MANCON_3;;SIMULATED;FALSE;
YES;USMC;HMM;$
AIRCRAFT;DEFINE;MV-22;VMV_BLUE;5555;QUANTITY;24;$
#
AIRFIELD;DEFINE;LPD;LPD;OPEN;;;{01VMV_BLUE;}{00;}$
#
#-----
#
UNIT;DEFINE;AAAV/B;LF;SHIP;COMPANY;32SQF006850;MANCON_3;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;AAAV/B;ASSET;{01AAAV;1;OPERATIONAL;}$
#
#-----
#
UNIT;DEFINE;LHA;LF;SHIP;COMPANY;32SPF963991;MANCON_4;;SIMULATED;FALSE;YES;USN;
LHA;$
ASSETS;UPDATE;LHA;FUEL;1000000;$
SEARCH_RADAR;DEFINE;LHA;32SPF962991;SPS-48-RADAR;LHA;$
#
UNIT;DEFINE;VMV_PURPLE;LF;AIR_SQUADRON;SQUADRON;LHA;MANCON_4;;SIMULATED;FALSE;
YES;USMC;HMM;$
AIRCRAFT;DEFINE;MV-22;VMV_PURPLE;5555;QUANTITY;24;$
#
AIRFIELD;DEFINE;LHA;LHA;OPEN;;;{01VMV_PURPLE;}{00;}$
#
#-----
#
UNIT;DEFINE;AAAV/P;LF;SHIP;COMPANY;32SPF963991;MANCON_4;;SIMULATED;FALSE;NO;$
ASSETS;UPDATE;AAAV/P;ASSET;{01AAAV;1;OPERATIONAL;}$

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APPENDIX J – RED PLAYER VARIATION SCRIPTS

A. OPTION 1

Option 1 for controller submitted red forces

D=Dummy H=Hostile N = North Road S = South Road

<u>Silkworm Sites</u>	<u>Lead Vehicle</u>
Silk1 = D	Ld 1 D @ T+3 N
Silk2 = H	Ld 2 D @ T+6 S
Silk3 = H	Ld 3 D @ T+17 N
Silk4 = D	Ld 4 H @ T+20 S
Silk5 = H	Ld 5 D @ T+20 N

A. Medical situations are spawned by the following events

1. Hill
2. Tank2
3. Minefield at seaport
4. Airport

B. Tanks are spawned by the infantry position on the roads.

C. SAM sites are spawned by the infantry units near the airport and the seaport.

B. OPTION 2

Option 2 for controller submitted red forces

D = Dummy H = Hostile N = North Road S = South Road

<u>Silkworm Sites</u>	<u>Lead Vehicle</u>
Silk1 H	Ld 1 D @ T+6 N
Silk2 H	Ld 2 D @ T+10 S
Silk3 H	Ld 3 D @ T+15 N
Silk4 D	Ld 4 D @ T+20 S
Silk5 D	Ld 5 D @ T+25 N
Silk6 H	Ld 6 H @ T+25 S

A. Medical situations are spawned by the following events.

1. North Beach
2. Tank 2
3. Minefield on south road
4. Airport

B. Tanks are spawned by the infantry position on the roads.

C. SAM sites are spawned by the infantry units near the airport and the seaport.

C. OPTION 3

Option 3 for controller submitted red forces

D = Dumm H = Hostile N = North R = South Road

<u>Silkworm Sites</u>	<u>Lead Vehicle</u>
Silk1 D	Ld 1 D @ T+3 N
Silk2 D	Ld 2 D @ T+5 S
Silk3 H	Ld 3 D @ T+9 N
Silk4 D	Ld 4 D @ T+15 S
Silk5 H	Ld 5 H @ T+20 N
Silk6 D	Ld 6 D @ T+20 S
Silk7 H	

A. Medical situations are spawned by the following events.

1. North Beach
2. Tank1
3. Minefield on North Road
4. Airport

B. Tanks are spawned by the infantry position on the roads.

C. SAM sites are spawned by the infantry units near the airport and the seaport.

D. OPTION 4

Option 4 for controller submitted red forces

D = Dummy H = Hostile N = North Road S = South Road

<u>Silkworm Sites</u>	<u>Lead Vehicle</u>
Silk1 H	Ld 1 D @ T+3 N
Silk2 D	Ld 2 D @ T+3 S
Silk3 H	Ld 3 D @ T+9 N
Silk4 D	Ld 4 H @ T+15 S
Silk5 D	Ld 5 D @ T+17 N
Silk6 D	
Silk7 D	

A. Medical situations are spawned by the following events.

1. North Beach
2. Tank1
3. Minefield on North Road
4. Airport

B. Tanks are spawned by the infantry position on the roads.

C. SAM sites are spawned by the infantry units near the airport and the seaport.

LIST OF REFERENCES

Benson, Robert E. L., *Conduct and Assessment of A2C2 Experiment 3 and Guidelines for Future Experimentation*, NPS Masters Thesis, June 1998.

Benson, R., Kemple, W.G., Kleinman, D., Porter, G., Serfaty, D. (1998) *An example of model-based empirical research: A soup-to-nuts evaluation of alternative C2 architectures*. Proceedings for the 1998 Command & Control Research and Technology Symposium (pp. 34-43). Monterey, CA, June 1998.

Entin, Elliot E., *A2C2 Experiment Five Outbrief*, March 1999.

Entin, E., Serfaty, D. & Kerrigan, C. (1998) *Choice and performance under three command and control architectures*. Proceedings for the 1998 Command & Control Research and Technology Symposium (pp. 132-137). Monterey, CA, June 1998.

Greenwood, D.F. (1998) *Adapting the A2C2 Experiment for use with MTWS*. Masters Thesis, Naval Postgraduate School, June 1998.

Kleinman, D. L., Young, P. W., Higgins, Gregory S., (1996) *The DDD-III: A tool for Empirical Research in Adaptive Organizations*. Proceedings for the 1996 Command & Control Research and Technology Symposium (pp. 827-836). Monterey, CA, June 1998.

Porter, G. R., (1996) *Joint Simulation Assessment*. Proceedings for the 1996 Command & Control Research and Technology Symposium (pp. 819-826). Monterey, CA, June 1996.

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BIBLIOGRAPHY

Berigan, M.C., *Task Structure and Scenario Design*, NPS Master's Thesis, June 1996.

Curry, M.L., Kleinman, D.L., & Pattipati, K.R. (1998) *On mission planning: A foundation for organizational design*. Proceedings for the 1998 Command & Control Research and Technology Symposium (pp. 1-10). Monterey, CA, June 1998.

Drake, James F., *Design and Development of the Scenario for the Second NPS A2C2 Experiment*, NPS Masters Thesis, June 1997.

Handley, H.A.H., Zaidi, Z.R. & Levis, A.H. (1998) *Pre-experimental modeling of adaptive organizational architectures*. Proceedings for the 1998 Command & Control Research and Technology Symposium (pp. 44-53). Monterey, CA, June 1998.

Hocevar, S.P. (1998) *Deciding to adapt organizational architecture: Facilitators and inhibitors to change*. Proceedings for the 1998 Command & Control Research and Technology Symposium (pp. 78-95). Monterey, CA, June 1998.

Hocevar, S.P., Kemple, W.G. & Benson, R. (1998) *Translating simulation-based findings to an operational arena: Interpretations from research participant-experts*. Proceedings for the 1998 Command & Control Research and Technology Symposium (pp. 54-65). Monterey, CA, June 1998.

Higgins, Gregory Scott, *The DDD-III: A Research Paradigm for Abstracting Joint C3 Scenarios for Tier-1 Experiments*, NPS Masters Thesis, June 1996.

Hutchins, Susan G. and William G. Kemple, Elliot E. Entin, Daniel Serfaty, *Innovative Measures for the Evaluation of Command and Control Architectures*, Proceedings of the 1998 Command and Control Research and Technology Symposium, Naval Postgraduate School, June/July 1998.

Kemple, William G., Jim Drake, David L. Kleinman, Elliot E. Entin, and Daniel Serfaty, *Experimental Evaluation of Alternative and Adaptive Architectures in Command and Control*, Proceedings of the Third International Symposium on Command and Control Research and Technology, National Defense University, June 1997.

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