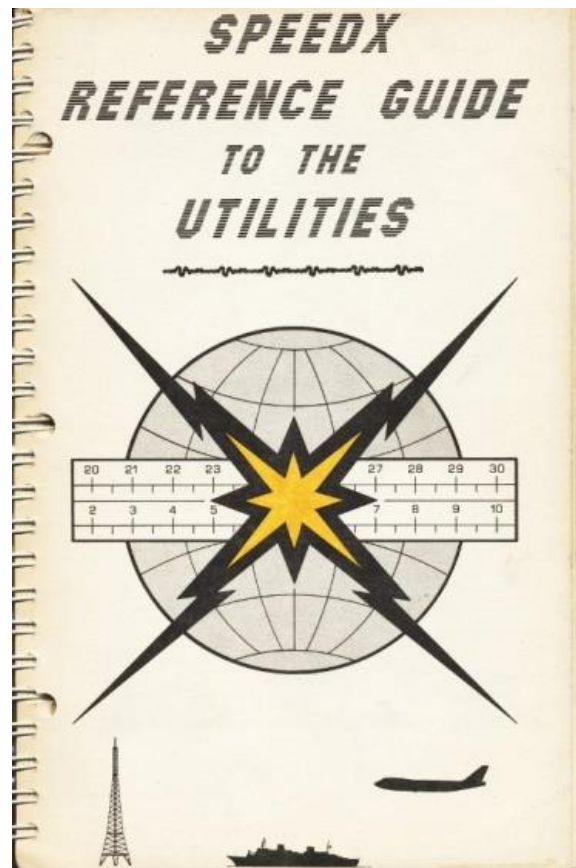


SPEEDX's World of Utilities collection

This is a collection of the electronic editions of "**SPEEDX's World of Utilities**"
The electronic version was published between July 1992 and January 1995.

Included are volumes:

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WUN announcement February 1995
Front page of the first WUN newsletter



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: : : : : SPEEDX UTILITY WORLD ONLINE ELECTRONIC EDITION : : : : :
: : : : : ****The Utility Signals Online Monthly***** : : : : :
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Volume 1, Number 0 February 1992
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The following file is courtesy of the SPEEDX shortwave listeners club and is an actual excerpt from the February 1992 Utility World Column.

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SPEEDX UTILITY WORLD
Special Electronic Edition
February 1992

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CompuServe: 70544,2566

Contributions are solicited and welcomed. All contributions should be submitted via E-mail by the 19th of the month.

I hope your DX season has been productive. By the volume of contributions received over the last few months, the season MUST be going well!

We have some sad news this month to report. I felt the news was so important that I have devoted this month's entire issue to it. I won't keep you in suspense any longer.
The Electronic Wall Falls

In a move which surprised many, the Soviet TASS (Telegrafnoie Agentstwo Sowjetskojo Sojusa) press association has permanently discontinued all shortwave radioteletype broadcasts.

In a telephone interview from his office in Moscow, Vadim Polyakov, the Deputy Chief of the TASS English Service, stated, "As from January 1, 1992 all TASS radio broadcasts in all languages have been discontinued. There are no plans to revive any radio broadcasts in the future."

The move by TASS surprised utility monitors and TASS North American staff alike. Vladimir Prosverakov, chief TASS engineer for North America, stated, "I have no knowledge of this."

The permanence of the TASS move was punctuated by the recall of the TASS Radio service engineering staff. Both of the full-time engineers on the staff were recalled back to Moscow, according to a staff reporter in their Havana, Cuba bureau. The last technician left Cuba on 9 January 1992.

According to Polyakov, the only way to receive the TASS news service is via satellite link. In North America, the Moscow-New York satellite link has been the primary means of delivery since the late 1970s. Prosverakov was surprised that a radio link had existed prior to January 1. Evidently the Havana transmitter site was not a part of the North American service.

The demise of TASS on shortwave would seem to conclude the cold war era on the radio. The departure reflects two trends. First, the era of

confrontation and international ideological rivalry between the United States and the USSR is clearly over. Neither nation can afford to maintain the trappings of that era. Indeed, the USSR as a nation has ceased to exist. Second, the technology of digital communication transmission via satellite reduce both the cost and improve the quality of the signal in the intended target area.

As you may remember, the United States Information Agency (ie. VOA) ceased RTTY transmissions last March, as reported here in Utility World. So perhaps the demise of the TASS RTTY transmissions is not so surprising after all.

It must be remembered, however, that TASS as a news service still exists. In fact, it seems to have made the leap from voice for the USSR to the voice of the Russian Republic relatively unscathed. With the demise of GOSTELRADIO (USSR State Radio), TASS is still funded through the Russian Republican Government.

The initial report of the TASS move was originally reported by Tom Sundstrom via Radio Netherlands' Media Network program (01/09/92).

What is TASS?

The cessation of TASS RTTY transmissions concludes an important chapter in shortwave history. The news organization has been in continuous duty since Vladimir Lenin mandated that the Petrograd Telegraph Agency (PTA) perform the task of informing all workers, soldiers, and political officials and to act as the Communist Party clearinghouse of information.

In June 1918 the PTA merged with the All-Russia Central Executive Committee, thereby forming the Russian Telegraph Agency (ROSTA). ROSTA acted as the central dissemination point of all news items to both foreign and domestic media. In fact, all of the modern Soviet publications and broadcasting authorities came from the ROSTA authority under the direct leadership of Lenin.

With the death of Lenin and the election of Stalin to the Soviet Premiership in 1925, a reorganization of ROSTA. On July 10, 1925 TASS was officially founded as the international information service of the Soviet Union with the express duty of communicating the Communist revolution to all parts of the world.

During the Second World War (the Great Patriotic War in the USSR), TASS continued to broadcast the successes of the Soviet Forces and espouse the Soviet point of view to the world. It was during the 1930s and 1940s that TASS gained worldwide coverage capability on shortwave. One of its greatest responsibilities during the war was to reach the various guerilla newspapers behind the German and Japanese lines.

After the war TASS continued to develop its geographic reach to encompass all corners of the globe. In 1972 the group was again reorganized in order to take advantage of the new satellite technologies which were becoming available. This in turn made many of the shortwave radio transmitters obsolete. Despite this modernization, TASS continued to broadcast on shortwave both from the Soviet Union as well as from allied nations such as Cuba.

The Cuban relay illustrates an interesting relationship between the USSR and Cuba. Apparently, since soon after the 1972 reorganization, the TASS shortwave relays have been used as a method of funding press services of countries "friendly" to the USSR. As many of you know, TASS has for many years shared the Cuban transmitter with Prensa Latina, the Cuban RTTY news service (ie. 14901 kHz).

Vladimir Prosverakov, the chief TASS engineer in North America, states, "I was unaware of any TASS transmissions which involved radio broadcasts. We have, for many years, exclusively relied on the Moscow-New York satellite link to get our news out in North America."

Prosverakov's statement is supported by the International Desk Editor at the Cable News Network in Atlanta, Georgia. He states, "we don't monitor shortwave. We always have gotten our TASS feed from the satellite." CNN is not alone in this regard. The Associated Press and ABC News were both contacted and neither of them realized that the TASS broadcasts had ceased. They all get their TASS from satellite.

So it appears that in the end, the TASS shortwave broadcasts have lost much of their importance. Once the Soviet Union ceased to exist, TASS' prime

directive ceased to exist as well. Lenin's admonition to communicate between the Communist International worldwide and to spread the ideology of Communism no longer is an objective of the Russian Government.

The final blow to TASS shortwave broadcasts, at least from Cuba, was the Russian Government's decision to sever economic and political ties with the island nation. As a result of that decision, all Russian foreign aid to Cuba was withdrawn, including funding for the TASS/Prensa Latina relay.

In the end, whether you agree or disagree with Soviet political ideology, the "old standby" of TASS broadcasts will be missed. Much like the USIA/VOA RTTY broadcasts, the TASS transmissions represented a tangible link with one side of the Cold War. With the passing of that conflict, the world is seemingly a less dangerous place.

It was only 27 months ago that the falling of the Berlin Wall marked the beginning of the end for the Communist world. Perhaps the demise of shortwave TASS transmissions should rightly be called, "The Falling of the Electronic Wall".

What Does It Mean?

So what does the demise of TASS on shortwave mean for the utility monitor? Of course you will not be able to get TASS, but the effects of the Russian Government's decision may have broader implications.

Since many of the TASS transmitter sites also serviced smaller, regional RTTY services, the departure of the funding and maintenance personnel at these sites will have a severe effect on your ability to receive radioteletype signals.

According to Radio Netherland's Media Network, BBC Monitoring has reported that the Afghan News Agency has also gone off the air. It is widely believed that many of the relay transmissions of non-Soviet RTTY services, like the Afghan service, through Soviet transmitter sites will end. Indeed, Vadim Polyakov, the Deputy Director of the TASS English Service, said that there will be, "No radio transmissions at all from the Russian Republic [on RTTY]."

If we understand Polyakov correctly, what are the implications? Domestic Russian transmissions and re-transmissions of RTTY would seem to be a thing of the past. That is clear.

A more fundamental change in worldwide RTTY transmissions might come from the cooperative agreements between TASS and other small regional or national RTTY services. The most obvious example of this change can be seen in the decrease in the number of transmissions and number of frequencies of the Cuban RTTY service Prensa Latina. Before the January 1 decision, PL could be heard on five different frequencies out of Cuba and two frequencies out of Soviet relays. As a result, PL transmitted 52 hours of programming daily around the world. After January 1 PL is only transmitting on one frequency (16347.8 kHz) daily for 10 hours a day (1200-2200 UTC). Quite a comedown from the heyday of the cold war!

So what would be left? The TASS decision will likely have little effect upon the massive Russian shipping fleet radio transmissions. Stations like Moscow Radio, Odessa Radio, Sevastopol Radio, SA/AAMC Moscow, and Vladivostok Radio will probably not be affected by the TASS decision.

However, press agencies like IAN and TASS will not be found on shortwave.

It is hard to tell exactly what effect the Russian decision will have on other press agencies, especially in the less developed nations of the world. We simply don't know what role Soviet foreign aid played in supporting these regional voices. One thing is clear, however. The withdrawal of Soviet aid for international RTTY broadcasting will not increase the total number of broadcast hours.

I hope you have enjoyed the news section from the February 1992 SPEEDX Utility World. If you like what you have read, and would like to see more (like the 3 legal sized pages of PRIME utility frequencies logged during the previous month from monitors all over the world) feel free to write for a sample copy. Better yet, why not subscribe! The rates are competitive

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73,

Chuck Yarbrough, Editor
SPEEDX Utility World

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The following info was formatted using info contributed to the SHORTWAVE ECHO by its two most prolific utility monitors, Mark Burkart and Paul Scalzo.

BY FREQUENCY

05117.5 0309 TYE Benin 425/50 ASECNA RY test tape
05740.3 0259 RKR78 Russia 850/50 Irkutsk Meteo coded wx
06575.5 0212 ???? ???? ARQ-M2 170/96 Ch.A clr Spanish tfc
06734.5 0811 ???? ???? ARQ-M2 150/96 6 hours idling no ID
06775.0 0100 XTU Burk. Faso ARQ-M2 425/96 ASECNA idling
06835.0 0354 GFL22 UK 425/50 coded weather
06902.7 1754 AFS USA 850/75 coded weather
07428.5 2357 ???? Argentina 850/50 TELAM Spanish news
07535.0 1730 AXI33 Australia FAX/120 Wx map of NW Australia
07635.0 0221 HZN47 Saudi Arab.425/100 coded weather
07690.0 0144 TUH Cote d'Ivo.425/50 ASECNA w/ RY test tape
07776.5 0320 OST33 Belgium SITOR-B 170/100 Dutch news, 0330*
07810.0 0633 DFZG Yugoslavia 425/75 MFA w/TANJUG news
07946.7 0521 DHJ51 Germany 425/100 Gregel meteo coded wx
08432.5 0701 WOM USA SITOR-B 170/100 info on new sce
08828.3 0030 ???? ???? SITOR-A 170/100 Spanish telexes
09041.5 0414 5YE Kenya 850/100 coded weather
09155.0 0702 SNN299 Poland 300/75 Polish diplo news/tfc
09241.5 2307 LRO64 Argentina FAC 60/288 TELAM press picture
09330.0 1210 XVN26 Vietnam 425/50 VNA RY//XVN37 10600.0
10134.0 0629 TZH Mali 425/50 Testing
10150.0 2213 SUA246 Egypt 425/75 MENA news
10215.0 0313 HZN48 Saudi Arab.850/100 coded weather, RY's
10258.0 2323 NSS USA VFT 50/B06 AP and UPI nx items
10285.0 0742 RFLI Martinique ARQ-E3 100 CONTROLE DE VOIE
10443.6 0320 CCS Chile 850/100 5L code groups
10493.9 2350 RFTJF Cote d'Ivo.ARQ-E3 400/48 idling
10517.5 2024 ???? Switz. 220/50 news, sked, QSL info
10536.0 0122 CFH Canada 850/75 Coded wx
10542.2 0713 CSY Azores 850/50 coded aero weather
10551.5 0422 GFL23 UK 425/50 coded wx//GFL24 14356.1
10580.0 1019 HMF46 N. Korea 425/50 KCNA English news
10610.0 2255 SUA251 Egypt 425/75 MENA English news
10639.5 2308 RFQP Djibouti ARQ-M2 400/200 idling
10800.3 1330 RFLI Martinique ARQ-E3 850/100 5L groups, clr text
10805.0 2325 ???? Argentina 850/75 NA Spanish news
10876.0 2204 RFVI Reunion ARQ-E3 100 CONTROLE DE VOIE
10890.0 0543 GXQ UK VFT Foxes
10893.5 0002 LRB39 Argentina 850/50 TELAM Spanish news
10950.2 0310 RFFA France ARQ-M2 400/200 CONTROLE DE VOIE
11017.4 0315 RPFN Portugal 900/75 foxes, clg RPTI
11118.8 2305 AFS USA ISB 850/75 weather data
11123.5 0120 DGL26L2 Germany FEC-A 425/96 PIAB nx in EE/GG
11138.0 1830 AFS USA 425/75 Olmstead AFB coded wx
11139.0 0340 PWN Brasil 75/50 RY's
11430.0 2145 HMF55 N. Korea 250/50 KCNA French news
11431.0 0035 ???? USA SITOR-A Egypt. Emb. Wash. 5L gps
11453.0 2343 IMB33 Italy 850/50 RY tape
11453.5 0007 IMB3 Italy 850/50 coded weather

11480.0 2230 ???? Argentina Fac 576/60 press pix
11487.9 0627 TUH Cote d'Iv. 450/50 RY's & "testing" msg
11541.0 0258 7OC Yemen 800/50 RY tape
11544.0 0654 RFLI Martinique ARQ-E3 96 clr tfc to RFHIB Noumea
11604.0 0358 YZJ2 Yugoslavia 425/50 TANJUG // YZO7 12212 KHz
11638.1 0427 DDK8 Germany 425/50 Hamburg Meteo coded wx
11640.2 0524 DDK8 Germany 425/50 RY's w/DDK2/DDH7/DDK8 ID
12175.0 2240 HMF42 N. Korea 250/50 KCNA English news
12212.3 0445 YZO7 Yugoslavia 700/50 TANJUG English news
12543.3 2308 ???? ???? 850/75 clr/coded Spanish tfc
12578.5 2042 UMOV Russia 200/50 Russian ship telexes
12579.0 0340 NMO Hawaii SITOR-B messages
12579.0 0039 NIK USA SITOR-B 170/100 USCG ice bulletin
12579.0 0150 NMF USA SITOR-B transmission schedule
12820.0 0518 SAG Sweden SITOR-B Swedish nx, ship tfc
12901.3 0510 GYA UK 850/50 letter/number combos
13212.5 0344 LOR Argentina 170/100 5L code groups
13220.5 0305 ???? N. Korea 1000/50 ATCC Spanish news
13236.5 0350 ZKX N. Zealand 850/75 foxes to 0400*
13348.6 0100 DGN43H1 Germany FEC-A 425/96 PIAB German news
13366.5 0438 5YD Kenya 250/50 Nairobi Air RY's
13374.0 0500 5YD Kenya 170/50 RY's
13397.0 0556 DFZG Yugoslavia 425/75 TANJUG Serb-Croat news
13440.0 0358 YZJ5 Yugoslavia 425/50 RY's, TANJUG EE news
13442.1 0627 YZJ5 Yugoslavia 425/50 English news
13545.3 1350 LBL1 Lebanon SITOR-A 170/100 UN forces clr msg
13580.0 1300 HMF36 N. Korea 170/50 French news
13580.0 0405 HMF36 N. Korea 250/50 KCNA English news
13581.2 2225 HBD46 Cuba SITOR-A Swiss Emb. 5L to 2225*
13780.0 0617 HMF35 N. Korea 250/50 KCNA Russian news
13849.5 0418 RFQP Djibouti ARQ-E3 100 CONTROLE DE VOIE
13997.0 0015 STK Sudan 425/50 RY's
14356.0 0600 GFL24 UK 425/50 RY's, coded tfc
14367.0 1012 BZP54 China 425/75 XINHUA RY's
14382.1 0056 GXQ UK VFT Baudot D3 Foxes plus RYI tape
14445.3 0444 MKG UK 850/50 coded information
14486.0 0616 P6Z France ARQ-S5 400/96 idling
14486.5 0700 RFLIRT France ARQ-E3 96 CONTROLE DE VOIE
14498.0 0235 SUC Egypt 850/50 coded weather
14508.4 2210 D4B Cape Verde 1050/50 aero weather
14530.8 0334 AGA6LA USA PACKET wkg AGA3HQ
14567.5 0518 HMF32 N. Korea 425/50 KCNA English news
14572.9 1658 5AQ70 Libya 425/50 JANA news
14578.0 0330 RFFXL Lebanon ARQ-E3 425/72 CONTROLE DE VOIE
14604.5 0426 MKD Cyprus VFT Foxes
14634.2 2345 MTO UK 850/75 letter/numbers combos
14671.0 1427 DFZG Yugoslavia 425/75 MFA diplo traffic
14719.0 0015 OST53 Belgium SITOR-B traffic list
14721.5 0540 OST53 Belgium SITOR-B tfc list, telex
14756.0 2113 RFFXI C. Afr.Rep.ARQ-E 96 CONTROLE DE VOIE
14786.5 0422 9PL Zaire 425/50 Test tape
14800.0 1340 3VA71 Tunisia 600/50 TAP French news
14808.0 0448 GXQ UK VFT 50/D1 foxes
14817.5 1311 ???? ???? SITOR-A 170/100 5L coded groups
14840.0 0455 MKK UK VFT/50 FOXES test tape
14840.2 2315 ???? ???? SITOR-A 170/100 mailbox system
14865.3 2230 ???? ???? ARQ-M4 192/100 idling

14872.0 1530 ???? ???? 50/50 Spanish news
14880.0 0605 JMG4 Japan 850/50 coded weather
14912.3 1429 DFZG Yugoslavia 425/75 TANJUG Serbo news
14913.7 2209 ???? USA SITOR-A 170/100 Egypt Emb. w/tfc
14926.7 2130 RFTJ Senegal ARQ-E3 400/48 clr tfc to Paris
14928.0 1755 CLN452 Cuba 425/50 PL req. subscriber rpts
14932.0 0951 ???? Algeria 850/50 APS Arabic news
14989.0 0712 TNL Congo ARQ-M2 425/96 A&B coded weather
15633.0 0555 HMF26 N. Korea 250/50 KCNA with an RY tape
15674.0 2204 DFZG(?) Yugoslavia 425/75 TANJUG news items
15752.7 1650 CNM66X2 Morocco 425/50 MAP French news
15752.7 1215 CNM66X2 Morocco 425/50 MAP English news
15922.4 2200 DGP92H3 Germany FEC-A 425/96 PIAB German news
16183.2 2309 ???? ???? 425/50 coded weather
16192.6 1943 CCS Chile 850/100 5L code groups
16297.5 0605 DFZG Yugoslavia 425/75 MFA w/TANJUG news
16324.7 2231 RFTJ Senegal ARQ-E3 400/48 FrMil CONT.DE VOIE
16348.0 1911 CLN530 Cuba 425/50 Prensa Latina Spanish nx
16448.2 1910 ???? ???? 425/75 5L groups to 1917*
16788.4 1824 LDG73 Philippines SITOR-B English news
16817.0 2245 WCC USA SITOR-B 170/100 traffic list
16874.4 2040 CLP45 Angola 500/50 Cuban Emb. 5L/clr tfc
16955.0 1925 UDH Latvia SITOR-A 170/100 auto telex sce
16956.9 1847 UDH Latvia SITOR-A idling
17181.0 1435 UDH Latvia 170/50 English traffic
17197.4 1323 LOR Argentina 170/100 5L groups
17351.3 2055 CCS Chile 850/75 RY's
17363.5 0458 5YE Kenya 850/100 coded weather
17445.1 1227 BJZCK ???? 425/50 French news
17454.0 2120 DFZG Yugoslavia 425/75 MFA clr/encrypt. tfc
17553.2 2013 RFTJF Cote d'Iv. ARQ-E3 192 mil tfc w/mni Afr stns
17592.0 1953 HZN49 Saudi Arab. 850/100 aero weather
18034.5 0426 JAL32 Japan 850/50 Kyodo English news
18037.2 2042 ???? ???? SITOR-A 170/100 RY's, ment "Haiti"
18055.0 1427 DFZG Yugoslavia 425/75 MFA w/TANJUG nx items
18173.5 2026 STK Sudan 425/50 RY test tape
18230.0 1431 GFL25 UK 425/50 coded wx
18264.0 0500 XVN48 Vietnam 425/50 VNA RY's
18272.4 2049 HBD46 Cuba SITOR-A 5L gps, clr diplo tfc
18280.5 0048 LOR Argentina 170/100 5L groups
18376.5 0130 RPFN Portugal 850/75 FOXES, RY's
18498.3 1200 CNM80X11 Morocco 425/50 MAP English news
18527.9 2100 ???? ???? SITOR-A French telexes
18618.5 1258 AGA7RM Germany 170/75 RheinMain MARS msgs
18630.8 2130 CLP1 Cuba 500/50 diplo tfc for CLP8 Guyana
18648.5 1459 SPW Poland SITOR-B 170/100 blind tfc to SQOA1
18651.2 1909 SPW Poland SITOR-B Polish nx, ship tfc
18810.0 1933 SAM Sweden SWED-ARQ 425/100 MFA clear tfc
18874.0 0632 BZR68 China 425/75 RY's, into English nx
18969.5 1832 RFHJ Tahiti ARQ-E3 96 CONTROLE DE VOIE
18995.5 2100 SPW Poland SITOR-A Telexes in Polish.
19013.5 1525 OST63 Belgium SITOR-B 170/100 traffic list
19048.7 0213 RFFA France ARQ-E3 400/192 clear traffic
19089.2 1955 CLP11 Zambia 450/50 SS nx, MINIREX, crypto
19101.9 2228 RFLI Martinique ARQ-E3 425/192 CONTROLE DE VOIE
19171.1 1348 CNM85X Morocco 425/50 MAP English news
19185.0 2034 CLP1 Cuba 500/50 diplo tfc in clr

19225.7 1414 FDY France 425/50 test tape
19313.0 1225 ???? ???? SITOR-A clr English traffic
19386.7 2139 RFQP Djibouti ARQ-M2 400/200 FrMil CONT.DE VOIE
19405.0 1540 FSB63 France SITOR-A 170/100 INTERPOL clg EKIP
19498.7 0300 RFHI New Caled. ARQ-E3 425/100 clr tfc, 5L groups
19529.0 0432 JMG5 Japan 850/50 coded weather
19576.0 1540 ORI59 Belgium ARQ-M2 350/96 circuit w/Congo
19592.0 1751 IRR35 Italy 425/50 ANSA Italian news
19689.5 2136 KMI USA SITOR-B 170/100 test tp, tfc list
19718.0 1535 UDK2 Russia 170/50 RY's into CW @1537
19720.3 1148 RMP Russia 200/50 Russian telexes
19720.3 1148 RMP Russia 200/50 Russian ship telexes
19747.5 2354 6VU79 Senegal 425/50 Dakar meteo
19821.5 1456 4UZ Switz. SITOR-A 170/100 UN tfc in English
19860.3 1618 MTO UK 850/75 Letter/number combos
19865.6 1656 YZJ4 Yugoslavia 425/50 TANJUG Spanish news
19918.5 1405 ???? ???? SITOR-A 170/100 mbx system EE tfc
19928.5 1345 OEC Austria ARQ-S6 170/96 APA English news
19978.0 1450 ???? ???? 850/75 Cuban Embassy tfc
19980.0 1502 9BC33 Iran 425/50 IRNA English news
20022.4 1430 DGU20H3 Germany FEC-A 425/96 PIAB w/EE/FF/GG nx
20066.0 0700 HGX59 ???? 425/50 Hung. Emb. tfc Budapest
20085.0 1030 ISX20 Italy 425/50 ANSA English news
20086.3 0505 RFVA France ARQ-E3 850/100 clr mil tfc
20088.0 1926 ???? ???? 550/75 Slavic news
20101.7 1405 ???? Egypt SITOR-A 170/100 MFA with traffic
20132.0 1423 DFZG Yugoslavia 425/75 Diplo tfc/TANJUG news
20143.8 1414 PTO2 ???? SITOR-B 170/100 wkg CPEM in clear
20144.0 1958 ???? ???? SITOR-B 170/100 clr tfc in Spanish
20148.2 1720 ACC60 ???? SITOR-B wkg PTO2 w/Spanish tfc
20157.3 2118 5KM Colombia 850/75 tfc to CPF2
20204.0 1350 YZJ Yugoslavia 425/50 TANJUG English news
20238.3 1949 PWN33 Brasil 850/75 calling PWBL
20286.5 1350 SOV228 Poland SITOR-B 170/100 PAP sked/Polish nx
20296.7 1920 GXQ UK VFT foxes
20298.5 2137 ???? ???? 850/75 FOXES (Navy?)
20320.0 1740 GXQ UK ARQ-M2 VFT 96/D3 idling
20321.6 0538 IPG20 Italy SITOR-A MFA with 5L groups
20328.5 1930 MKD Cyprus VFT 50/D1 FOXES & RY's 1935*
20348.5 1411 9RE203 Zaire ARQ-M2 400/96 Ch.A telex
20348.8 0224 CCS Chile 900/50 meteo tfc for CCAR
20351.5 0605 9RE203 Zaire ARQ-M2 350/96 idling
20372.0 1514 IRS23 Italy 425/50 ANSA English news
20385.1 1743 RFFX France ARQ-E 400/72 5L groups
20401.5 1134 ???? Tanzania SITOR-A Indonesia MFA clr traffic
20402.3 1939 YWN1 Venezuela 850/75 tfc for CXR Uruguay
20404.6 2004 YWM1 Venezuela 850/75 clr telexes for OBC Lima
20420.0 2020 YWM1 Venezuela 425/50 EJERCICIO Modo
20431.0 0515 ???? Zaire ARQ-M2/96 chB continuous EE/FF tfc
20455.3 2113 CLP1 Cuba 425/50 5L and clear text
20456.5 1555 C37A ???? 300/100 FOXES to 6XM8, tfc
20456.5 1530 RFLIG ???? ARQ-E3 400/96 French mil tfc in clr
20469.0 0030 AXM37 Australia 850/50 Canberra coded wx/FAX
20474.0 1944 CXR Uruguay 850/75 wkg YWM Maracaibo Naval
20495.0 1840 CXR Uruguay 850/75 test tape for PWX
20519.0 2323 CXR Uruguay 700/75 calling NBA
20519.8 1825 CLP1 Cuba 500/50 MFA 5L & clear tfc

20532.5 1540 HDN Ecuador 850/75 foxes, QSO w/CXR
20533.1 1057 ???? ???? 425/50 5L coded groups
20557.1 0750 ???? ???? SITOR-A 850/100 SELCAL EEQK, no QSO
20560.0 1603 5AQ88 Libya 425/50 JANA English news
20584.0 1712 ???? ???? SITOR-A 170/100 clr telex tfc
20590.2 1336 HBD81 ???? SITOR-A 170/100 Swiss Emb 5L gps
20596.0 1715 HBD20 Germany SITOR-A Swiss Emb. clr tfc
20598.0 1440 HBD66 Canada Sitor-A Swiss Emb 5L Code groups
20605.1 0427 HBD46 Iran SITOR-A Swiss Embassy tfc
20609.5 1650 ???? ???? SITOR-A 5L code groups
20609.5 1325 HBD20 Germany SITOR-A 170/100 clr traffic
20625.0 1305 OMZ Czecho. 425/100 MFA clear diplo tfc
20645.7 1420 CLP1 Cuba 500/50 5L groups
20692.2 1223 PWX33 ???? 1200/75 test tape in Spanish
20731.3 2027 HDN Ecuador 850/75 working CCS
20734.0 1638 4UZ Switz. SITOR-A 170/100 UNO w/telex
20742.0 1325 ???? ???? ARQ-S5 170/96 unid German lang
20754.4 1507 HBC88 Switz. SITOR-A 170/100 ICRC messages ency:
20754.4 1540 TTR88 Chad SITOR-A ICRC tfc for unid rcvr
20756.5 1833 RFLIGC Guinea ARQ-E3 400/96 clr tfc to Paris
20756.7 2127 RFLIG Fr. Guiana ARQ-E3 400/96 clr tfc to Paris
20783.8 1915 CLP1 Cuba 500/50 5L gps to CLP22 Vietnam
20796.0 1733 ???? ???? ARQ-S4 850/96 idling
20807.6 1900 FDY France 425/50 LE BRICK GEANT QUE
20830.1 1425 P6Z France FEC-A 400/192 clr traffic
20831.3 2040 CLP23 Nigeria 500/50 5L coded groups
20834.5 2030 CLP55 Guyana 500/50 5L code groups
20834.5 2028 CLP23 Nigeria 500/50 5L groups & clear traffic
20834.5 2000 CLP7 Congo 425/50 tfc in clear
20859.4 1644 ???? ???? FEC-A 425/144 RY's into encrypt.
20893.3 1811 OMZ Czecho. 1000/50 MFA clr text, 5L code
20908.0 2107 ???? ???? 900/50 RY's, 5L groups
20915.8 1725 CLP1 Cuba 500/75 MFA clear tfc
20932.8 2206 CLP1 Cuba 425/50 diplo tfc, encryption
20933.5 1450 SOV293B Poland SITOR-B 170/100 PAP Polish news
20946.5 2151 LN2A ???? UNKNOWN /850 ID in CW
20954.3 1631 9RE Zaire ARQ-M2 400/96 idling
20985.1 1715 CLP55 Guyana 425/50 Cuban Emb. clr tfc/5L
20986.7 1541 SAM Sweden SWED-ARQ/100 clear traffic
20988.0 1600 SAM Sweden SWED-ARQ 425/100 MFA clr traffic
20991.2 2136 LOL Argentina 850/75 test tape for LOML
21831.5 1920 ???? ???? SITOR-A 170/100 msgs in Spanish
22377.5 1740 KFS USA SITOR-B 170/100 traffic list
22386.5 1245 WCC USA SITOR-B 170/100 weather broadcast
22464.0 1451 UFB Ukraine 170/50 Odessa Radio w/msgs
22551.7 1705 MTO UK 850/75 letter/number combos
22888.0 1546 DFZG Yugoslavia 425/75 MFA diplo traffic
22969.0 1809 HBD32 ???? SITOR-A brief ID, off
23017.3 1645 PWN Brasil 850/75 clr SS tfc [not PP?]
23044.0 1506 CLP1 Cuba 425/50 5L code to CLP8 Guinea
23050.0 1855 CLP67 Iraq 500/75 Cuban Emb. tfc to Habana
23050.3 1850 CLP9 Yemen 425/50 Cuba Emb. clr tfc
23056.5 1650 CLP1 Cuba 425/75 tfc for CLP45 Angola
23355.3 1855 CLP18 Tanzania 500/50 Cuban Emb. diplo tfc
23360.3 1810 CLP1 Cuba 425/75 5L groups 1812*
23716.7 0355 RFLI Martinique ARQ-E3 400/96 idling
23926.3 1950 CLP22 Vietnam 500/50 Cuban Emb. 5L grps/clr

24070.0 2016 CLP67 Iraq 550/75 Cuban Emb. w/tfc
24790.0 1224 ISX24 Italy 425/50 ANSA English news
24871.8 2248 RFLI Martinique ARQ-E3 425/96 CONTROLE DE VOIE
24997.5 1544 LOR Argentina 170/100 5L code groups
25022.0 1550 ???? 425/75 Polish tfc
25136.3 1240 ???? ???? 850/75 RY's, into encrypted
25199.7 2038 ???? SITOR-A 2-wy informal chat
25271.5 1648 ISX25 Italy 425/50 ANSA French news
25531.1 1937 LOL Argentina 425/75 RY's

BY TIME

0002 10893.5 LRB39 Argentina 850/50 TELAM Spanish news
0007 11453.5 IMB3 Italy 850/50 coded weather
0015 13997.0 STK Sudan 425/50 RY's
0015 14719.0 OST53 Belgium SITOR-B traffic list
0030 08828.3 ???? ???? SITOR-A 170/100 Spanish telexes
0030 20469.0 AXM37 Australia 850/50 Canberra coded wx/FAX
0035 11431.0 ???? USA SITOR-A Egypt. Emb. Wash. 5L gps
0039 12579.0 NIK USA SITOR-B 170/100 USCG ice bulletin
0048 18280.5 LOR Argentina 170/100 5L groups
0056 14382.1 GXQ UK VFT Baudot D3 Foxes plus RYI tape
0100 06775.0 XTU Burk. Faso ARQ-M2 425/96 ASECNA idling
0100 13348.6 DGN43H1 Germany FEC-A 425/96 PIAB German news
0120 11123.5 DGL26L2 Germany FEC-A 425/96 PIAB nx in EE/GG
0122 10536.0 CFH Canada 850/75 Coded wx
0130 18376.5 RPFN Portugal 850/75 FOXES, RY's
0144 07690.0 TUH Cote d'Ivoire.425/50 ASECNA w/ RY test tape
0150 12579.0 NMF USA SITOR-B transmission schedule
0212 06575.5 ???? ???? ARQ-M2 170/96 Ch.A clr Spanish tfc
0213 19048.7 RFFA France ARQ-E3 400/192 clear traffic
0221 07635.0 HZN47 Saudi Arab.425/100 coded weather
0224 20348.8 CCS Chile 900/50 meteo tfc for CCAR
0235 14498.0 SUC Egypt 850/50 coded weather
0258 11541.0 7OC Yemen 800/50 RY tape
0259 05740.3 RKR78 Russia 850/50 Irkutsk Meteo coded wx
0300 19498.7 RFHI New Caled. ARQ-E3 425/100 clr tfc, 5L groups
0305 13220.5 ???? N. Korea 1000/50 ATCC Spanish news
0309 05117.5 TYE Benin 425/50 ASECNA RY test tape
0310 10950.2 RFFA France ARQ-M2 400/200 CONTROLE DE VOIE
0313 10215.0 HZN48 Saudi Arab.850/100 coded weather, RY's
0315 11017.4 RPFN Portugal 900/75 foxes, clg RPTI
0320 07776.5 OST33 Belgium SITOR-B 170/100 Dutch news, 0330*
0320 10443.6 CCS Chile 850/100 5L code groups
0330 14578.0 RFFXL Lebanon ARQ-E3 425/72 CONTROLE DE VOIE
0334 14530.8 AGA6LA USA PACKET wkg AGA3HQ
0340 11139.0 PWN Brasil 75/50 RY's
0340 12579.0 NMO Hawaii SITOR-B messages
0344 13212.5 LOR Argentina 170/100 5L code groups
0350 13236.5 ZKX N. Zealand 850/75 foxes to 0400*
0354 06835.0 GFL22 UK 425/50 coded weather
0355 23716.7 RFLI Martinique ARQ-E3 400/96 idling
0358 11604.0 YZJ2 Yugoslavia 425/50 TANJUG //YZO7 12212 KHz
0358 13440.0 YZJ5 Yugoslavia 425/50 RY's, TANJUG EE news
0405 13580.0 HMF36 N. Korea 250/50 KCNA English news
0414 09041.5 5YE Kenya 850/100 coded weather
0418 13849.5 RFQP Djibouti ARQ-E3 100 CONTROLE DE VOIE
0422 10551.5 GFL23 UK 425/50 coded wx//GFL24 14356.1

0422 14786.5 9PL Zaire 425/50 Test tape
0426 14604.5 MKD Cyprus VFT Foxes
0426 18034.5 JAL32 Japan 850/50 Kyodo English news
0427 11638.1 DDK8 Germany 425/50 Hamburg Meteo coded wx
0427 20605.1 HBD46 Iran SITOR-A Swiss Embassy tfc
0432 19529.0 JMG5 Japan 850/50 coded weather
0438 13366.5 5YD Kenya 250/50 Nairobi Air RY's
0444 14445.3 MKG UK 850/50 coded information
0445 12212.3 YZO7 Yugoslavia 700/50 TANJUG English news
0448 14808.0 GXQ UK VFT 50/D1 foxes
0455 14840.0 MKK UK VFT/50 FOXES test tape
0458 17363.5 5YE Kenya 850/100 coded weather
0500 13374.0 5YD Kenya 170/50 RY's
0500 18264.0 XVN48 Vietnam 425/50 VNA RY's
0505 20086.3 RFVA France ARQ-E3 850/100 clr mil tfc
0510 12901.3 GYA UK 850/50 letter/number combos
0515 20431.0 ???? Zaire ARQ-M2/96 chB continuous EE/FF tfc
0518 12820.0 SAG Sweden SITOR-B Swedish nx, ship tfc
0518 14567.5 HMF32 N. Korea 425/50 KCNA English news
0521 07946.7 DHJ51 Germany 425/100 Gengel meteo coded wx
0524 11640.2 DDK8 Germany 425/50 RY's w/DDK2/DDH7/DDK8 ID
0538 20321.6 IPG20 Italy SITOR-A MFA with 5L groups
0540 14721.5 OST53 Belgium SITOR-B tfc list, telex
0543 10890.0 GXQ UK VFT Foxes
0555 15633.0 HMF26 N. Korea 250/50 KCNA with an RY tape
0556 13397.0 DFZG Yugoslavia 425/75 TANJUG Serb-Croat news
0600 14356.0 GFL24 UK 425/50 RY's, coded tfc
0605 14880.0 JMG4 Japan 850/50 coded weather
0605 16297.5 DFZG Yugoslavia 425/75 MFA w/TANJUG news
0605 20351.5 9RE203 Zaire ARQ-M2 350/96 idling
0616 14486.0 P6Z France ARQ-S5 400/96 idling
0617 13780.0 HMF35 N. Korea 250/50 KCNA Russian news
0627 11487.9 TUH Cote d'Iv. 450/50 RY's & "testing" msg
0627 13442.1 YZJ5 Yugoslavia 425/50 English news
0629 10134.0 TZH Mali 425/50 Testing
0632 18874.0 BZR68 China 425/75 RY's, into English nx
0633 07810.0 DFZG Yugoslavia 425/75 MFA w/TANJUG news
0654 11544.0 RFLI Martinique ARQ-E3 96 clr tfc to RFHIB Noumea
0700 14486.5 RFLIRT France ARQ-E3 96 CONTROLE DE VOIE
0700 20066.0 HGX59 ???? 425/50 Hung. Emb. tfc Budapest
0701 08432.5 WOM USA SITOR-B 170/100 info on new sce
0702 09155.0 SNN299 Poland 300/75 Polish diplo news/tfc
0712 14989.0 TNL Congo ARQ-M2 425/96 A&B coded weather
0713 10542.2 CSY Azores 850/50 coded aero weather
0742 10285.0 RFLI Martinique ARQ-E3 100 CONTROLE DE VOIE
0750 20557.1 ???? ???? SITOR-A 850/100 SELCAL EEQK,no QSO
0811 06734.5 ???? ???? ARQ-M2 150/96 6 hours idling no ID
0951 14932.0 ???? Algeria 850/50 APS Arabic news
1012 14367.0 BZP54 China 425/75 XINHUA RY's
1019 10580.0 HMF46 N. Korea 425/50 KCNA English news
1030 20085.0 ISX20 Italy 425/50 ANSA English news
1057 20533.1 ???? ???? 425/50 5L coded groups
1134 20401.5 ???? Tanzania SITOR-A Indonesia MFA clr tfc
1148 19720.3 RMP Russia 200/50 Russian telexes
1148 19720.3 RMP Russia 200/50 Russian ship telexes
1200 18498.3 CNM80X11Morocco 425/50 MAP English news
1210 09330.0 XVN26 Vietnam 425/50 VNA RY//XVN37 10600.0

1215 15752.7 CNM66X2 Morocco 425/50 MAP English news
1223 20692.2 PWX33 ???? 1200/75 test tape in Spanish
1224 24790.0 ISX24 Italy 425/50 ANSA English news
1225 19313.0 ???? ???? SITOR-A clr English traffic
1227 17445.1 BJZCK ???? 425/50 French news
1240 25136.3 ???? ???? 850/75 RY's, into encrypted
1245 22386.5 WCC USA SITOR-B 170/100 weather broadcast
1258 18618.5 AGA7RM Germany 170/75 RheinMain MARS msgs
1300 13580.0 HMF36 N. Korea 170/50 French news
1305 20625.0 OMZ Czecho. 425/100 MFA clear diplo tfc
1311 14817.5 ???? ???? SITOR-A 170/100 5L coded groups
1323 17197.4 LOR Argentina 170/100 5L groups
1325 20609.5 HBD20 Germany SITOR-A 170/100 clr traffic
1325 20742.0 ???? ???? ARQ-S5 170/96 unid German lang
1330 10800.3 RFLI Martinique ARQ-E3 850/100 5L groups, clr text
1336 20590.2 HBD81 ???? SITOR-A 170/100 Swiss Emb 5L gps
1340 14800.0 3VA71 Tunisia 600/50 TAP French news
1345 19928.5 OEC Austria ARQ-S6 170/96 APA English news
1348 19171.1 CNM85X Morocco 425/50 MAP English news
1350 13545.3 LBL1 Lebanon SITOR-A 170/100 UN forces clr msgs
1350 20204.0 YZJ Yugoslavia 425/50 TANJUG English news
1350 20286.5 SOV228 Poland SITOR-B 170/100 PAP sked/Polish nx
1405 19918.5 ???? ???? SITOR-A 170/100 mbx system EE tfc
1405 20101.7 ???? Egypt SITOR-A 170/100 MFA with traffic
1411 20348.5 9RE203 Zaire ARQ-M2 400/96 Ch.A telex
1414 19225.7 FDY France 425/50 test tape
1414 20143.8 PTO2 ???? SITOR-B 170/100 wkg CPEM in clear
1420 20645.7 CLP1 Cuba 500/50 5L groups
1423 20132.0 DFZG Yugoslavia 425/75 Diplo tfc/TANJUG news
1425 20830.1 P6Z France FEC-A 400/192 clr traffic
1427 14671.0 DFZG Yugoslavia 425/75 MFA diplo traffic
1427 18055.0 DFZG Yugoslavia 425/75 MFA w/TANJUG nx items
1429 14912.3 DFZG Yugoslavia 425/75 TANJUG Serbo news
1430 20022.4 DGU20H3 Germany FEC-A 425/96 PIAB w/EE/FF/GG nx
1431 18230.0 GFL25 UK 425/50 coded wx
1435 17181.0 UDH Latvia 170/50 English traffic
1440 20598.0 HBD66 Canada Sitor-A Swiss Emb 5L Code groups
1450 19978.0 ???? ???? 850/75 Cuban Embassy tfc
1450 20933.5 SOV293B Poland SITOR-B 170/100 PAP Polish news
1451 22464.0 UFB Ukraine 170/50 Odessa Radio w/msgs
1456 19821.5 4UZ Switz. SITOR-A 170/100 UN tfc in English
1459 18648.5 SPW Poland SITOR-B 170/100 blind tfc to SQOA1
1502 19980.0 9BC33 Iran 425/50 IRNA English news
1506 23044.0 CLP1 Cuba 425/50 5L code to CLP8 Guinea
1507 20754.4 HBC88 Switz. SITOR-A 170/100 ICRC messages
1514 20372.0 IRS23 Italy 425/50 ANSA English news
1525 19013.5 OST63 Belgium SITOR-B 170/100 traffic list
1530 14872.0 ???? ???? 50/50 Spanish news
1530 20456.5 RFLIG ???? ARQ-E3 400/96 clr French mil tfc
1535 19718.0 UDK2 Russia 170/50 RY's into CW @1537
1540 19405.0 FSB63 France SITOR-A 170/100 INTERPOL clg EKIP
1540 19576.0 ORI59 Belgium ARQ-M2 350/96 circuit w/Congo
1540 20532.5 HDN Ecuador 850/75 foxes, QSO w/CXR
1540 20754.4 TTR88 Chad SITOR-A ICRC tfc for unid rcvr
1541 20986.7 SAM Sweden SWED-ARQ/100 clear traffic
1544 24997.5 LOR Argentina 170/100 5L code groups
1546 22888.0 DFZG Yugoslavia 425/75 MFA diplo traffic

1550 25022.0 ???? 425/75 Polish tfc
1555 20456.5 C37A ???? 300/100 FOXES to 6XM8, tfc
1600 20988.0 SAM Sweden SWED-ARQ 425/100 MFA clr traffic
1603 20560.0 5AQ88 Libya 425/50 JANA English news
1618 19860.3 MTO UK 850/75 Letter/number combos
1631 20954.3 9RE Zaire ARQ-M2 400/96 idling
1638 20734.0 4UZ Switz. SITOR-A 170/100 UNO w/telex
1644 20859.4 ???? ???? FEC-A 425/144 RY's into encrypt.
1645 23017.3 PWN Brasil 850/75 clr SS tfc [not PP?]
1648 25271.5 ISX25 Italy 425/50 ANSA French news
1650 15752.7 CNM66X2 Morocco 425/50 MAP French news
1650 20609.5 ???? ???? SITOR-A 5L code groups
1650 23056.5 CLP1 Cuba 425/75 tfc for CLP45 Angola
1656 19865.6 YZJ4 Yugoslavia 425/50 TANJUG Spanish news
1658 14572.9 5AQ70 Libya 425/50 JANA news
1705 22551.7 MTO UK 850/75 letter/number combos
1712 20584.0 ???? ???? SITOR-A 170/100 clr telex tfc
1715 20596.0 HBD20 Germany SITOR-A Swiss Emb. clr tfc
1715 20985.1 CLP55 Guyana 425/50 Cuban Emb. clr tfc/5L
1720 20148.2 ACC60 ???? SITOR-B wkg PTO2 w/Spanish tfc
1725 20915.8 CLP1 Cuba 500/75 MFA clear tfc
1730 07535.0 AXI33 Australia FAX/120 Wx map of NW Australia
1733 20796.0 ???? ???? ARQ-S4 850/96 idling
1740 20320.0 GXQ UK ARQ-M2 VFT 96/D3 idling
1740 22377.5 KFS USA SITOR-B 170/100 traffic list
1743 20385.1 RFFX France ARQ-E 400/72 5L groups
1751 19592.0 IRR35 Italy 425/50 ANSA Italian news
1754 06902.7 AFS USA 850/75 coded weather
1755 14928.0 CLN452 Cuba 425/50 PL req. subscriber rpts
1809 22969.0 HBD32 ???? SITOR-A brief ID, off
1810 23360.3 CLP1 Cuba 425/75 5L groups 1812*
1811 20893.3 OMZ Czecho. 1000/50 MFA clr text, 5L code
1824 16788.4 LDG73 Philippines SITOR-B English news
1825 20519.8 CLP1 Cuba 500/50 MFA 5L & clear tfc
1830 11138.0 AFS USA 425/75 Olmstead AFB coded wx
1832 18969.5 RFHJ Tahiti ARQ-E3 96 CONTROLE DE VOIE
1833 20756.5 RFLIGC Guinea ARQ-E3 400/96 clr tfc to Paris
1840 20495.0 CXR Uruguay 850/75 test tape for PWX
1847 16956.9 UDH Latvia SITOR-A idling
1850 23050.3 CLP9 Yemen 425/50 Cuba Emb. clr tfc
1855 23050.0 CLP67 Iraq 500/75 Cuban Emb. tfc to Habana
1855 23355.3 CLP18 Tanzania 500/50 Cuban Emb. diplo tfc
1900 20807.6 FDY France 425/50 LE BRICK GEANT QUE
1909 18651.2 SPW Poland SITOR-B Polish nx, ship tfc
1910 16448.2 ???? ???? 425/75 5L groups to 1917*
1911 16348.0 CLN530 Cuba 425/50 Prensa Latina Spanish nx
1915 20783.8 CLP1 Cuba 500/50 5L gps to CLP22 Vietnam
1920 20296.7 GXQ UK VFT foxes
1920 21831.5 ???? ???? SITOR-A 170/100 msgs in Spanish
1925 16955.0 UDH Latvia SITOR-A 170/100 auto telex sce
1926 20088.0 ???? ???? 550/75 Slavic news
1930 20328.5 MKD Cyprus VFT 50/D1 FOXES & RY's 1935*
1933 18810.0 SAM Sweden SWED-ARQ 425/100 MFA clear tfc
1937 25531.1 LOL Argentina 425/75 RY's
1939 20402.3 YWN1 Venezuela 850/75 tfc for CXR Uruguay
1943 16192.6 CCS Chile 850/100 5L code groups
1944 20474.0 CXR Uruguay 850/75 wkg YWM Maracaibo Naval

1949 20238.3 PWN33 Brasil 850/75 calling PWBL
1950 23926.3 CLP22 Vietnam 500/50 Cuban Emb. 5L grps/clr
1953 17592.0 HZN49 Saudi Arab.850/100 aero weather
1955 19089.2 CLP11 Zambia 450/50 SS nx, MINIREX, crypto
1958 20144.0 ????? ????? SITOR-B 170/100 clr tfc in Spanish
2000 20834.5 CLP7 Congo 425/50 tfc in clear
2004 20404.6 YWM1 Venezuela 850/75 clr telexes for OBC Lima
2013 17553.2 RFTJF Cote d'Iv. ARQ-E3 192 mil tfc w/mni Afr stns
2016 24070.0 CLP67 Iraq 550/75 Cuban Emb. w/tfc
2020 20420.0 YWM1 Venezuela 425/50 EJERCICIO Modo
2024 10517.5 ????? Switz. 220/50 news, sked, QSL info
2026 18173.5 STK Sudan 425/50 RY test tape
2027 20731.3 HDN Ecuador 850/75 working CCS
2028 20834.5 CLP23 Nigeria 500/50 5L groups & clr traffic
2030 20834.5 CLP55 Guyana 500/50 5L code groups
2034 19185.0 CLP1 Cuba 500/50 diplo tfc in clr
2038 25199.7 ????? SITOR-A 2-wy informal chat
2040 16874.4 CLP45 Angola 500/50 Cuban Emb. 5L/clr tfc
2040 20831.3 CLP23 Nigeria 500/50 5L coded groups
2042 12578.5 UMV Russia 200/50 Russian ship telexes
2042 18037.2 ????? ????? SITOR-A 170/100 RY's, ment "Haiti"
2049 18272.4 HBD46 Cuba SITOR-A 5L gps, clr diplo tfc
2055 17351.3 CCS Chile 850/75 RY's
2100 18527.9 ????? ????? SITOR-A French telexes
2100 18995.5 SPW Poland SITOR-A Telexes in Polish.
2107 20908.0 ????? ????? 900/50 RY's, 5L groups
2113 14756.0 RFFXI C. Afr.Rep.ARQ-E 96 CONTROLE DE VOIE
2113 20455.3 CLP1 Cuba 425/50 5L and clear text
2118 20157.3 5KM Colombia 850/75 tfc to CPF2
2120 17454.0 DFZG Yugoslavia 425/75 MFA clr/encrypt. tfc
2127 20756.7 RFLIG Fr. Guiana ARQ-E3 400/96 clr tfc to Paris
2130 14926.7 RFTJ Senegal ARQ-E3 400/48 clr tfc to Paris
2130 18630.8 CLP1 Cuba 500/50 diplo tfc to CLP8 Guyana
2136 19689.5 KMI USA SITOR-B 170/100 test tp, tfc list
2136 20991.2 LOL Argentina 850/75 test tape for LOML
2137 20298.5 ????? ????? 850/75 FOXES (Navy?)
2139 19386.7 RFQP Djibouti ARQ-M2 400/200 FrMil CONT.DE VOIE
2145 11430.0 HMF55 N. Korea 250/50 KCNA French news
2151 20946.5 LN2A ????? UNKNOWN /850 ID in CW
2200 15922.4 DGP92H3 Germany FEC-A 425/96 PIAB German news
2204 10876.0 RFVI Reunion ARQ-E3 100 CONTROLE DE VOIE
2204 15674.0 DFZG(?) Yugoslavia 425/75 TANJUG news items
2206 20932.8 CLP1 Cuba 425/50 diplo tfc, encryption
2209 14913.7 ????? USA SITOR-A 170/100 Egypt Emb. w/tfc
2210 14508.4 D4B Cape Verde 1050/50 aero weather
2213 10150.0 SUA246 Egypt 425/75 MENA news
2225 13581.2 HBD46 Cuba SITOR-A Swiss Emb. 5L to 2225*
2228 19101.9 RFLI Martinique ARQ-E3 425/192 CONTROLE DE VOIE
2230 11480.0 ????? Argentina Fac 576/60 press pix
2230 14865.3 ????? ????? ARQ-M4 192/100 idling
2231 16324.7 RFTJ Senegal ARQ-E3 400/48 FrMil CONT.DE VOIE
2240 12175.0 HMF42 N. Korea 250/50 KCNA English news
2245 16817.0 WCC USA SITOR-B 170/100 traffic list
2248 24871.8 RFLI Martinique ARQ-E3 425/96 CONTROLE DE VOIE
2255 10610.0 SUA251 Egypt 425/75 MENA English news
2305 11118.8 AFS USA ISB 850/75 weather data
2307 09241.5 LRO64 Argentina FAC 60/288 TELAM press picture

2308 10639.5 RFQP Djibouti ARQ-M2 400/200 idling
 2308 12543.3 ???? ???? 850/75 clr/coded Spanish tfc
 2309 16183.2 ???? ???? 425/50 coded weather
 2315 14840.2 ???? ???? SITOR-A 170/100 mailbox system
 2323 10258.0 NSS USA VFT 50/B06 AP and UPI nx items
 2323 20519.0 CXR Uruguay 700/75 calling NBA
 2325 10805.0 ???? Argentina 850/75 NA Spanish news
 2343 11453.0 IMB33 Italy 850/50 RY tape
 2345 14634.2 MTO UK 850/75 letter/numbers combos
 2350 10493.9 RFTJF Cote d'Ivo.ARQ-E3 400/48 idling
 2354 19747.5 6VU79 Senegal 425/50 Dakar meteo
 2357 07428.5 ???? Argentina 850/50 TELAM Spanish news

BY COUNTRY

???? 06575.5 0212 ???? ARQ-M2 170/96 Ch.A clr Spanish tfc
 ???? 06734.5 0811 ???? ARQ-M2 150/96 6 hours idling no ID
 ???? 08828.3 0030 ???? SITOR-A 170/100 Spanish telexes
 ???? 12543.3 2308 ???? 850/75 clr/coded Spanish tfc
 ???? 14817.5 1311 ???? SITOR-A 170/100 5L coded groups
 ???? 14840.2 2315 ???? SITOR-A 170/100 mailbox system
 ???? 14865.3 2230 ???? ARQ-M4 192/100 idling
 ???? 14872.0 1530 ???? 50/50 Spanish news
 ???? 16183.2 2309 ???? 425/50 coded weather
 ???? 16448.2 1910 ???? 425/75 5L groups to 1917*
 ???? 17445.1 1227 BJZCK 425/50 French news
 ???? 18037.2 2042 ???? SITOR-A 170/100 RY's, ment "Haiti"
 ???? 18527.9 2100 ???? SITOR-A French telexes
 ???? 19313.0 1225 ???? SITOR-A clr English traffic
 ???? 19918.5 1405 ???? SITOR-A 170/100 mbx system EE tfc
 ???? 19978.0 1450 ???? 850/75 Cuban Embassy tfc
 ???? 20066.0 0700 HGX59 425/50 Hung. Emb. tfc Budapest
 ???? 20088.0 1926 ???? 550/75 Slavic news
 ???? 20143.8 1414 PTO2 SITOR-B 170/100 wkg CPEM in clear
 ???? 20144.0 1958 ???? SITOR-B 170/100 clr tfc in Spanish
 ???? 20148.2 1720 ACC60 SITOR-B wkg PTO2 w/Spanish tfc
 ???? 20298.5 2137 ???? 850/75 FOXES (Navy?)
 ???? 20456.5 1555 C37A 300/100 FOXES to 6XM8, tfc
 ???? 20456.5 1530 RFLIG ARQ-E3 400/96 French mil tfc in clr
 ???? 20533.1 1057 ???? 425/50 5L coded groups
 ???? 20557.1 0750 ???? SITOR-A 850/100 SELCAL EEQK, no QSO
 ???? 20584.0 1712 ???? SITOR-A 170/100 clr telex tfc
 ???? 20590.2 1336 HBD81 SITOR-A 170/100 Swiss Emb 5L gps
 ???? 20609.5 1650 ???? SITOR-A 5L code groups
 ???? 20692.2 1223 PWX33 1200/75 test tape in Spanish
 ???? 20742.0 1325 ???? ARQ-S5 170/96 unid German lang
 ???? 20796.0 1733 ???? ARQ-S4 850/96 idling
 ???? 20859.4 1644 ???? FEC-A 425/144 RY's into encrypt.
 ???? 20908.0 2107 ???? 900/50 RY's, 5L groups
 ???? 20946.5 2151 LN2A UNKNOWN /850 ID in CW
 ???? 21831.5 1920 ???? SITOR-A 170/100 msgs in Spanish
 ???? 22969.0 1809 HBD32 SITOR-A brief ID, off
 ???? 25022.0 1550 ???? 425/75 Polish tfc
 ???? 25136.3 1240 ???? 850/75 RY's, into encrypted
 ???? 25199.7 2038 ???? SITOR-A 2-wy informal chat
 Algeria 14932.0 0951 ???? 850/50 APS Arabic news
 Angola 16874.4 2040 CLP45 500/50 Cuban Emb. 5L/clr tfc
 Argentina 07428.5 2357 ???? 850/50 TELAM Spanish news

Argentina 09241.5 2307 LRO64 FAC 60/288 TELAM press picture
 Argentina 10805.0 2325 ???? 850/75 NA Spanish news
 Argentina 10893.5 0002 LRB39 850/50 TELAM Spanish news
 Argentina 11480.0 2230 ???? Fac 576/60 press pix
 Argentina 13212.5 0344 LOR 170/100 5L code groups
 Argentina 17197.4 1323 LOR 170/100 5L groups
 Argentina 18280.5 0048 LOR 170/100 5L groups
 Argentina 20991.2 2136 LOL 850/75 test tape for LOML
 Argentina 24997.5 1544 LOR 170/100 5L code groups
 Argentina 25531.1 1937 LOL 425/75 RY's
 Australia 07535.0 1730 AXI33 FAX/120 Wx map of NW Australia
 Australia 20469.0 0030 AXM37 850/50 Canberra coded wx/FAX
 Austria 19928.5 1345 OEC ARQ-S6 170/96 APA English news
 Azores 10542.2 0713 CSY 850/50 coded aero weather
 Belgium 07776.5 0320 OST33 SITOR-B 170/100 Dutch news, 0330*
 Belgium 14719.0 0015 OST53 SITOR-B traffic list
 Belgium 14721.5 0540 OST53 SITOR-B tfc list, telex
 Belgium 19013.5 1525 OST63 SITOR-B 170/100 traffic list
 Belgium 19576.0 1540 ORI59 ARQ-M2 350/96 circuit w/Congo
 Benin 05117.5 0309 TYE 425/50 ASECNA RY test tape
 Brasil 11139.0 0340 PWN 75/50 RY's
 Brasil 20238.3 1949 PWN33 850/75 calling PWBL
 Brasil 23017.3 1645 PWN 850/75 clr SS tfc [not PP?]
 Burk. Faso 06775.0 0100 XTU ARQ-M2 425/96 ASECNA idling
 C. Afr.Rep.14756.0 2113 RFFXI ARQ-E 96 CONTROLE DE VOIE
 Canada 10536.0 0122 CFH 850/75 Coded wx
 Canada 20598.0 1440 HBD66 Sitor-A Swiss Emb 5L Code groups
 Cape Verde 14508.4 2210 D4B 1050/50 aero weather
 Chad 20754.4 1540 TTR88 SITOR-A ICRC tfc for unid rcvr
 Chile 10443.6 0320 CCS 850/100 5L code groups
 Chile 16192.6 1943 CCS 850/100 5L code groups
 Chile 17351.3 2055 CCS 850/75 RY's
 Chile 20348.8 0224 CCS 900/50 meteo tfc for CCAR
 China 14367.0 1012 BZP54 425/75 XINHUA RY's
 China 18874.0 0632 BZR68 425/75 RY's, into English nx
 Colombia 20157.3 2118 5KM 850/75 tfc to CPF2
 Congo 14989.0 0712 TNL ARQ-M2 425/96 A&B coded weather
 Congo 20834.5 2000 CLP7 425/50 tfc in clear
 Cote d'Iv. 07690.0 0144 TUH 425/50 ASECNA w/ RY test tape
 Cote d'Iv. 10493.9 2350 RFTJF ARQ-E3 400/48 idling
 Cote d'Iv. 11487.9 0627 TUH 450/50 RY's & "testing" msg
 Cote d'Iv. 17553.2 2013 RFTJF ARQ-E3 192 mil tfc w/mni Afr stns
 Cuba 13581.2 2225 HBD46 SITOR-A Swiss Emb. 5L to 2225*
 Cuba 14928.0 1755 CLN452 425/50 PL req. subscriber rpts
 Cuba 16348.0 1911 CLN530 425/50 Prensa Latina Spanish nx
 Cuba 18272.4 2049 HBD46 SITOR-A 5L gps, clr diplo tfc
 Cuba 18630.8 2130 CLP1 500/50 diplo tfc for CLP8 Guyana
 Cuba 19185.0 2034 CLP1 500/50 diplo tfc in clr
 Cuba 20455.3 2113 CLP1 425/50 5L and clear text
 Cuba 20519.8 1825 CLP1 500/50 MFA 5L & clear tfc
 Cuba 20645.7 1420 CLP1 500/50 5L groups
 Cuba 20783.8 1915 CLP1 500/50 5L gps to CLP22 Vietnam
 Cuba 20915.8 1725 CLP1 500/75 MFA clear tfc
 Cuba 20932.8 2206 CLP1 425/50 diplo tfc, encryption
 Cuba 23044.0 1506 CLP1 425/50 5L code to CLP8 Guinea
 Cuba 23056.5 1650 CLP1 425/75 tfc for CLP45 Angola
 Cuba 23360.3 1810 CLP1 425/75 5L groups 1812*

Cyprus	14604.5	0426	MKD	VFT	Foxes
Cyprus	20328.5	1930	MKD	VFT 50/D1	FOXES & RY's 1935*
Czecho.	20625.0	1305	OMZ	425/100	MFA clear diplo tfc
Czecho.	20893.3	1811	OMZ	1000/50	MFA clr text, 5L code
Djibouti	10639.5	2308	RFQP	ARQ-M2	400/200 idling
Djibouti	13849.5	0418	RFQP	ARQ-E3	100 CONTROLE DE VOIE
Djibouti	19386.7	2139	RFQP	ARQ-M2	400/200 FrMil CONT.DE VOIE
Ecuador	20532.5	1540	HDN	850/75	foxes, QSO w/CXR
Ecuador	20731.3	2027	HDN	850/75	working CCS
Egypt	10150.0	2213	SUA246	425/75	MENA news
Egypt	10610.0	2255	SUA251	425/75	MENA English news
Egypt	14498.0	0235	SUC	850/50	coded weather
Egypt	20101.7	1405	????	SITOR-A	170/100 MFA with traffic
Fr. Guiana	20756.7	2127	RFLIG	ARQ-E3	400/96 clr tfc to Paris
France	10950.2	0310	RFFA	ARQ-M2	400/200 CONTROLE DE VOIE
France	14486.0	0616	P6Z	ARQ-S5	400/96 idling
France	14486.5	0700	RFLIRT	ARQ-E3	96 CONTROLE DE VOIE
France	19048.7	0213	RFFA	ARQ-E3	400/192 clear traffic
France	19225.7	1414	FDY	425/50	test tape
France	19405.0	1540	FSB63	SITOR-A	170/100 INTERPOL clg EKIP
France	20086.3	0505	RFVA	ARQ-E3	850/100 clr mil tfc
France	20385.1	1743	RFFX	ARQ-E	400/72 5L groups
France	20807.6	1900	FDY	425/50	LE BRICK GEANT QUE
France	20830.1	1425	P6Z	FEC-A	400/192 clr traffic
Germany	07946.7	0521	DHJ51	425/100	Grenzel meteo coded wx
Germany	11123.5	0120	DGL26L2	FEC-A	425/96 PIAB nx in EE/GG
Germany	11638.1	0427	DDK8	425/50	Hamburg Meteo coded wx
Germany	11640.2	0524	DDK8	425/50	RY's w/DDK2/DDH7/DDK8 ID
Germany	13348.6	0100	DGN43H1	FEC-A	425/96 PIAB German news
Germany	15922.4	2200	DGP92H3	FEC-A	425/96 PIAB German news
Germany	18618.5	1258	AGA7RM	170/75	RheinMain MARS msgs
Germany	20022.4	1430	DGU20H3	FEC-A	425/96 PIAB w/EE/FF/GG nx
Germany	20596.0	1715	HBD20	SITOR-A	Swiss Emb. clr tfc
Germany	20609.5	1325	HBD20	SITOR-A	170/100 clr traffic
Guinea	20756.5	1833	RFLIGC	ARQ-E3	400/96 clr tfc to Paris
Guyana	20834.5	2030	CLP55	500/50	5L code groups
Guyana	20985.1	1715	CLP55	425/50	Cuban Emb. clr tfc/5L
Hawaii	12579.0	0340	NMO	SITOR-B	messages
Iran	19980.0	1502	9BC33	425/50	IRNA English news
Iran	20605.1	0427	HBD46	SITOR-A	Swiss Embassy tfc
Iraq	23050.0	1855	CLP67	500/75	Cuban Emb. tfc to Habana
Iraq	24070.0	2016	CLP67	550/75	Cuban Emb. w/tfc
Italy	11453.5	0007	IMB3	850/50	coded weather
Italy	19592.0	1751	IRR35	425/50	ANSA Italian news
Italy	20085.0	1030	ISX20	425/50	ANSA English news
Italy	20321.6	0538	IPG20	SITOR-A	MFA with 5L groups
Italy	20372.0	1514	IRS23	425/50	ANSA English news
Italy	24790.0	1224	ISX24	425/50	ANSA English news
Italy	25271.5	1648	ISX25	425/50	ANSA French news
Japan	14880.0	0605	JMG4	850/50	coded weather
Japan	18034.5	0426	JAL32	850/50	Kyodo English news
Japan	19529.0	0432	JMG5	850/50	coded weather
Kenya	09041.5	0414	5YE	850/100	coded weather
Kenya	13366.5	0438	5YD	250/50	Nairobi Air RY's
Kenya	13374.0	0500	5YD	170/50	RY's
Kenya	17363.5	0458	5YE	850/100	coded weather
Latvia	16955.0	1925	UDH	SITOR-A	170/100 auto telex sce

Latvia 16956.9 1847 UDH SITOR-A idling
Latvia 17181.0 1435 UDH 170/50 English traffic
Lebanon 13545.3 1350 LBL1 SITOR-A 170/100 UN forces clr msgs
Lebanon 14578.0 0330 RFFXL ARQ-E3 425/72 CONTROLE DE VOIE
Libya 14572.9 1658 5AQ70 425/50 JANA news
Libya 20560.0 1603 5AQ88 425/50 JANA English news
Mali 10134.0 0629 TZH 425/50 Testing
Martinique 10285.0 0742 RFLI ARQ-E3 100 CONTROLE DE VOIE
Martinique 10800.3 1330 RFLI ARQ-E3 850/100 5L groups, clr text
Martinique 11544.0 0654 RFLI ARQ-E3 96 clr tfc to RFHIB Noumea
Martinique 19101.9 2228 RFLI ARQ-E3 425/192 CONTROLE DE VOIE
Martinique 23716.7 0355 RFLI ARQ-E3 400/96 idling
Martinique 24871.8 2248 RFLI ARQ-E3 425/96 CONTROLE DE VOIE
Morocco 15752.7 1215 CNM66X2 425/50 MAP English news
Morocco 18498.3 1200 CNM80X11425/50 MAP English news
Morocco 19171.1 1348 CNM85X 425/50 MAP English news
N. Korea 13580.0 1300 HMF36 170/50 French news
N. Korea 11430.0 2145 HMF55 250/50 KCNA French news
N. Korea 12175.0 2240 HMF42 250/50 KCNA English news
N. Korea 10580.0 1019 HMF46 425/50 KCNA English news
N. Korea 13780.0 0617 HMF35 250/50 KCNA Russian news
N. Korea 13580.0 0405 HMF36 250/50 KCNA English news
N. Korea 14567.5 0518 HMF32 425/50 KCNA English news
N. Korea 15633.0 0555 HMF26 250/50 KCNA with an RY tape
N. Korea 13220.5 0305 ????? 1000/50 ATCC Spanish news
New Caled. 19498.7 0300 RFHI ARQ-E3 425/100 clr tfc, 5L groups
N. Zealand 13236.5 0350 ZKX 850/75 foxes to 0400*
Nigeria 20831.3 2040 CLP23 500/50 5L coded groups
Nigeria 20834.5 2028 CLP23 500/50 5L groups & clear traffic
Philippines 16788.4 1824 LDG73 SITOR-B English news
Poland 09155.0 0702 SNN299 300/75 Polish diplo news/tfc
Poland 18648.5 1459 SPW SITOR-B 170/100 blind tfc to SQOA1
Poland 18651.2 1909 SPW SITOR-B Polish nx, ship tfc
Poland 18995.5 2100 SPW SITOR-A Telexes in Polish.
Poland 20286.5 1350 SOV228 SITOR-B 170/100 PAP sked/Polish nx
Poland 20933.5 1450 SOV293B SITOR-B 170/100 PAP Polish news
Portugal 11017.4 0315 RPFN 900/75 foxes, clg RPTI
Portugal 18376.5 0130 RPFN 850/75 FOXES, RY's
Reunion 10876.0 2204 RFVI ARQ-E3 100 CONTROLE DE VOIE
Russia 05740.3 0259 RKR78 850/50 Irkutsk Meteo coded wx
Russia 12578.5 2042 UMV 200/50 Russian ship telexes
Russia 19718.0 1535 UDK2 170/50 RY's into CW @1537
Russia 19720.3 1148 RMP 200/50 Russian telexes
Russia 19720.3 1148 RMP 200/50 Russian ship telexes
Saudi Arab.07635.0 0221 HZN47 425/100 coded weather
Saudi Arab.10215.0 0313 HZN48 850/100 coded weather, RY's
Saudi Arab.17592.0 1953 HZN49 850/100 aero weather
Senegal 14926.7 2130 RFTJ ARQ-E3 400/48 clr tfc to Paris
Senegal 16324.7 2231 RFTJ ARQ-E3 400/48 FrMil CONT.DE VOIE
Senegal 19747.5 2354 6VU79 425/50 Dakar meteo
Sudan 13997.0 0015 STK 425/50 RY's
Sudan 18173.5 2026 STK 425/50 RY test tape
Sweden 12820.0 0518 SAG SITOR-B Swedish nx, ship tfc
Sweden 18810.0 1933 SAM SWED-ARQ 425/100 MFA clear tfc
Sweden 20986.7 1541 SAM SWED-ARQ/100 clear traffic
Sweden 20988.0 1600 SAM SWED-ARQ 425/100 MFA clr traffic
Switz. 10517.5 2024 ????? 220/50 news, sked, QSL info

Switz. 19821.5 1456 4UZ SITOR-A 170/100 UN tfc in English
Switz. 20734.0 1638 4UZ SITOR-A 170/100 UNO w/telex
Switz. 20754.4 1507 HBC88 SITOR-A 170/100 ICRC messages ency:
Tahiti 18969.5 1832 RFHJ ARQ-E3 96 CONTROLE DE VOIE
Tanzania 20401.5 1134 ????? SITOR-A Indonesia MFA clr traffic
Tanzania 23355.3 1855 CLP18 500/50 Cuban Emb. diplo tfc
Tunisia 14800.0 1340 3VA71 600/50 TAP French news
UK 06835.0 0354 GFL22 425/50 coded weather
UK 10551.5 0422 GFL23 425/50 coded wx//GFL24 14356.1
UK 10890.0 0543 GXQ VFT Foxes
UK 12901.3 0510 GYA 850/50 letter/number combos
UK 14356.0 0600 GFL24 425/50 RY's, coded tfc
UK 14382.1 0056 GXQ VFT Baudot D3 Foxes plus RYI tape
UK 14445.3 0444 MKG 850/50 coded information
UK 14634.2 2345 MTO 850/75 letter/numbers combos
UK 14808.0 0448 GXQ VFT 50/D1 foxes
UK 14840.0 0455 MKK VFT/50 FOXES test tape
UK 18230.0 1431 GFL25 425/50 coded wx
UK 19860.3 1618 MTO 850/75 Letter/number combos
UK 20296.7 1920 GXQ VFT foxes
UK 20320.0 1740 GXQ ARQ-M2 VFT 96/D3 idling
UK 22551.7 1705 MTO 850/75 letter/number combos
Ukraine 22464.0 1451 UFB 170/50 Odessa Radio w/msgs
Uruguay 20474.0 1944 CXR 850/75 wkg YWM Maracaibo Naval
Uruguay 20495.0 1840 CXR 850/75 test tape for PWX
Uruguay 20519.0 2323 CXR 700/75 calling NBA
USA 06902.7 1754 AFS 850/75 coded weather
USA 08432.5 0701 WOM SITOR-B 170/100 info on new sce
USA 10258.0 2323 NSS VFT 50/B06 AP and UPI nx items
USA 11118.8 2305 AFS ISB 850/75 weather data
USA 11138.0 1830 AFS 425/75 Olmstead AFB coded wx
USA 11431.0 0035 ????? SITOR-A Egypt. Emb. Wash. 5L gps
USA 12579.0 0150 NMF SITOR-B transmission schedule
USA 12579.0 0039 NIK SITOR-B 170/100 USCG ice bulletin
USA 14530.8 0334 AGA6LA PACKET wkg AGA3HQ
USA 14913.7 2209 ????? SITOR-A 170/100 Egypt Emb. w/tfc
USA 16817.0 2245 WCC SITOR-B 170/100 traffic list
USA 19689.5 2136 KMI SITOR-B 170/100 test tp, tfc list
USA 22377.5 1740 KFS SITOR-B 170/100 traffic list
USA 22386.5 1245 WCC SITOR-B 170/100 weather broadcast
Venezuela 20402.3 1939 YWN1 850/75 tfc for CXR Uruguay
Venezuela 20404.6 2004 YWM1 850/75 clr telexes for OBC Lima
Venezuela 20420.0 2020 YWM1 425/50 EJERCICIO Modo
Vietnam 09330.0 1210 XVN26 425/50 VNA RY//XVN37 10600.0
Vietnam 18264.0 0500 XVN48 425/50 VNA RY's
Vietnam 23926.3 1950 CLP22 500/50 Cuban Emb. 5L grps/clr
Yemen 11541.0 0258 7OC 800/50 RY tape
Yemen 23050.3 1850 CLP9 425/50 Cuba Emb. clr tfc
Yugoslavia 07810.0 0633 DFZG 425/75 MFA w/TANJUG news
Yugoslavia 11604.0 0358 YZJ2 425/50 TANJUG // YZ07 12212 KHz
Yugoslavia 12212.3 0445 YZ07 700/50 TANJUG English news
Yugoslavia 13397.0 0556 DFZG 425/75 TANJUG Serb-Croat news
Yugoslavia 13440.0 0358 YZJ5 425/50 RY's, TANJUG EE news
Yugoslavia 13442.1 0627 YZJ5 425/50 English news
Yugoslavia 14671.0 1427 DFZG 425/75 MFA diplo traffic
Yugoslavia 14912.3 1429 DFZG 425/75 TANJUG Serbo news
Yugoslavia 15674.0 2204 DFZG(?) 425/75 TANJUG news items

Yugoslavia 16297.5 0605 DFZG 425/75 MFA w/TANJUG news
Yugoslavia 17454.0 2120 DFZG 425/75 MFA clr/encrypt. tfc
Yugoslavia 18055.0 1427 DFZG 425/75 MFA w/TANJUG nx items
Yugoslavia 19865.6 1656 YZJ4 425/50 TANJUG Spanish news
Yugoslavia 20132.0 1423 DFZG 425/75 Diplo tfc/TANJUG news
Yugoslavia 20204.0 1350 YZJ 425/50 TANJUG English news
Yugoslavia 22888.0 1546 DFZG 425/75 MFA diplo traffic
Zaire 14786.5 0422 9PL 425/50 Test tape
Zaire 20348.5 1411 9RE203 ARQ-M2 400/96 Ch.A telex
Zaire 20351.5 0605 9RE203 ARQ-M2 350/96 idling
Zaire 20431.0 0515 ???? ARQ-M2/96 chB continuous EE/FF tfc
Zaire 20954.3 1631 9RE ARQ-M2 400/96 idling
Zambia 19089.2 1955 CLP11 450/50 SS nx, MINIREX, crypto

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Contributions of information are requested.
(for membership information, please see the end of this file)
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Well, here we are again with another month of utility news and reports. Thanks to all who responded to my original posting requesting addresses of people who wanted to receive this newsletter each month. Due to the large number of responses to that message, I have decided to provide the UWO to the SWL-L net and to rec.radio.shortwave. To date I have had over 120 requests for subscriptions online, with several more via post from swls who don't have net access. Feel free to distribute this newsletter to anyone you feel may be interested. You also are encouraged to post this file to any local BBS or network which you deem appropriate. All that I ask is that you do not change the text or heading sections.

A U.S. MARS Primer

Most of you who have reported to this column have included loggings which have a callsign something like NNN0xxx or AAR0xxx. For many utility buffs, these calls are quite mysterious and are hard to identify. This month I will provide you with an introduction to the marvelous world of the United States Military Affiliate Radio System, or MARS.

The MARS network provides military personnel a low-cost, efficient means of communicating 'back home' while they are on duty overseas. There are three different military branches with active MARS nets, the Army, Navy, and Air Force. These are indeed separate groups, but they all coordinate upon occasion.

Each service has its own methods and protocols, but they all exist to serve a similar purpose, to provide a channel through which U.S. servicemen (and women!) can communicate with the folks back home. There are two primary means of communication you are likely to hear on HF MARS nets. The first is the ever-popular TELEX. This is a printed message usually sent via RTTY or CW (less common) and is broadcast 'in the clear'. The other type of message is SSB voice, primarily through the use of phone patches. Both types of broadcasts are technically 'unclassified', but as an unauthorized party in the communication, you are expected to

observe the non-disclosure rules found in the Communication Act of 1934 (the one that says you can listen, but you can't repeat it or use the info for personal gain).

I personally think that of all the radio intercepts I have logged over the years, I like MARS intercepts the best. They are certainly the most personal. During the recent Gulf War/Conflict I read at least a dozen proposals for marriage from troops in the Middle East to their girls and guys back home as well as hundreds of 'letters to mom'. When war is personalized to such an extent, you really get a feeling for what our troops went, and are going, through.

The Overall Arrangement

With the three-part division within the overall U.S. MARS network in mind, it is easy to recognize which station is affiliated with which military branch. Each service's callsign starts out with different letter combinations.

The U.S. Army MARS network station calls all start with the 'AAA' through the 'AEZ' letter prefix. Generally, any callsign with an 'AAX' prefix is a domestic station (ie. AAT4USA=Ft. Gordon, Ga.). Calls which start with the 'ABX' prefix are mostly Asian stations, and 'AEx' calls are located in Europe. This three-letter prefix is followed by a 'region designator' number which locates that particular station. Most amateur radio operators are familiar with this type of designator, although the regions are not the same as ham callsign regions. The final three letters in an Army MARS callsign are the specific station identifiers.

The U.S. Navy MARS network station calls all start with 'NNO'. According to Symington and Henault (Utility QSL Address Guide), the way to tell whether the station you have heard is an actual Navy ship/shore station or a civilian affiliate station is to look at the letter after the zero. If that letter is a 'C' then it is a shipboard station. If it is a 'M' then it is a Marine Corp station. If it is a 'N' then it could either be a shipboard or Navy shore station. Any other letter would indicate that it was an affiliate station.

The third service, the U.S. Air Force, has a large contingent of MARS affiliates worldwide. The callsigns from 'AFA' through 'ALA' denote this service. However, to date only the 'AFx' and the 'AGx' prefixes have been used. An 'AFx' series callsign denotes a civilian affiliate. This means that the station does not reside on a US Air Base. The 'AGx' series denotes a military-based MARS station. The best that most SWL/DXers can hope for is to log the 'AGx' stations, since I have not been able to locate addresses for the civilian stations. The three-letter prefix is followed by a region number, just like the other services. That is followed by either a single or double letter suffix which denotes the specific station. Often if the suffix appears to be an abbreviation for a state, that station is probably the state MARS coordinator.

What Next?

Next month I will conclude the MARS article by looking at some of the best frequencies and resources which are available to you. I will also examine the U.S. Air Force MARS system in a more detailed manner. If you have any additional information, or would like to read about a particular aspect of MARS, let me know.

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New Publications

Several new publications have come across my desk over the past few months and I thought I'd give you brief reviews of each one. Here we go.

USSR Merchant Ship List by Jason Berri

This book, just published by Universal Radio Research (address: 6830 Americana Parkway, Reynoldsburg, Ohio 43068, USA), is overall an excellent resource for the radioteletype enthusiast who likes to decode Soviet shipping traffic. No previous knowledge of Soviet RTTY is needed to use this book. Jason has done a superlative job of demystifying the seemingly arcane Soviet protocols. The first third of this 71-page book introduces the reader to the Soviet Merchant Fleet (MORFLOT) and how to decode their transmissions.

The bulk of the book contains Jason's database of Soviet ships by callsign, by ship name, and also by Ship Serial Number. Why list the same information three different ways? Often when you intercept a message, you will not always have all three pieces of information by which to identify the vessel. By looking up the callsign you can then find the name of the ship.

This book is the only listing of the Soviet merchant marine in existence. All data has been updated (after all, this is the fourth edition!) and if a ship has not been received within the previous five years it is deleted from the database. This procedure ensures that only the most accurate data is included.

As you all probably know, Jason Berri is a SPEEDX editor, so his writing is not entirely unfamiliar to you. I wholeheartedly recommend this essential work to all SPEEDX readers.

Air and Meteo Code Manual By Jorg Klingenfuss

Jorg Klingenfuss, the renowned ute writer, has just published his new 12th edition of the Air and Meteo Code Manual. Since I previously used the 10th edition, I will compare these two editions. The new edition is about 65 pages longer than the 10th edition.

As with all of Klingenfuss' new editions, this book is laser printed and uses many more graphic images to illustrate his information. Another improvement of this edition over the 10th is the expanded section on Meteorological Code Forms--the information patterns which enable you to interpret what the data means.

Who would use this book? Since this is a specialty publication, RTTY monitors who wish to decode weather data from various airports around the world will find this book essential reading. This book is the ONLY publication which covers this topic in detail. An added benefit of this book is that in most cases it is more understandable than the original World Meteorological Organization (WMO) publications upon which it is based. It is also MUCH less expensive than buying all of the relevant WMO publications. (available direct from Klingenfuss Publications,

Hagenloher Strasse 14, D-740 00 Tübingen, Germany or from most radio supply stores)

The RTTY Listener
edited by Fred Osterman

Another new publication from Universal Radio is the new assembly of issues one through twenty-five of the RTTY Listener. For those of you who do not know, this publication is an in-house limited distribution quarterly newsletter published by Universal on digital communication.

As Fred Osterman, Manager at Universal, said, this book is not a beginners text. It is for moderate to advance level RTTY/CW/FAX monitors. The easy to read 'scrapbook' style of the book makes it easy to read and also allows the reader to see the rapid historical evolution of the RTTY monitoring hobby. This book contains all of the newsletters from June 1985 through December 1990. Going back and viewing old issues allowed this writer to finally 'crack the code' on ARQM2 and VFT modes by explaining how to tune them.

One exclusive feature of this newsletter (ie. this book) is the excellent listing of French Army circuit identifiers and callsigns. This is the resource I use in determining where transmissions using the RF prefix come from and to which frequency they are paired. This information itself is worth the price of the book to the serious RTTY monitor.

Another useful feature is the frequency section found at the end of each newsletter. Many of these frequencies are still active and can be intercepted.

Overall, I recommend this advanced resource to those of you who are not familiar with the RTTY Listener. For those of us who do receive it, this is a good way of keeping up with the old issues. It is a book well worth the price.

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Utility News

VOA Bethany Relay

R.C. Watts reports that the Fall 1991 issue of WRTH Downlink lists the VOA Bethany feeder frequencies as:

19261.5 USB 1600-2200UTC English

15752.0 USB 0300-0700UTC English

R.C. also reports that the proper QSL address for the Bethany feeder as:

Bethany Relay Station

Voice of America

ATTN: Jon Vodenik

P.O. Box 227

Mason, Ohio 45040

Thanks R.C. for the info and welcome back to the column!

MARS Update

David Trachtenberg is a USAF MARS Region 2 affiliate station (AFA2TR). It appears that the Region 2 Master Net Control is no

longer AGA2LA (Langley AFB), but rather is now AGA2SH (Shaw AFB) in South Carolina.

David also adds that in addition to the SSB and RTTY nets reported in the article, there are VHF (FM), CW, and PACKET operational nets as well. Anybody got any freqs out there?

If you are interested in learning more about how MARS works, I'll refer you to David's excellent article in QST Magazine (p. 81) in the December 1991 issue. I will try to use some excerpts from the article in a future column.

USCG Cutters Commissioned

Mike Hardester checks in with some updated information about the reassignment of US Coast Guard ships at Fort Macon, NC. The following info is from the 23 November 1991 issue of "The Daily News" of Jacksonville, NC.

"FORT MACON--The pennants were broken, the flags were raised, and two of the newest U.S. Coast Guard cutters were accepted into operation Friday at Fort Macon.

"About 300 Coast Guard personnel, families, and dignitaries attended the dual commissioning ceremony to celebrate the arrival of Coast Guard cutters Staten Island and Block Island.

"The 110-foot patrol boats--capable of more than 30-knot speeds with a maximum range of 2000 nautical miles--arrived about a month ago and are part of the new Island-class of Coast Guard cutters built by Bollinger Machine Shop and Shipyard in Lockport, La.

"The cutters will replace the 82-foot cutters Point Martin and Point Brown in search and rescue operations, law enforcement and maritime defense. The decommissioned boats have been in service for about 25 years."

SRI RTTY QSL Policy

As I listened to "The Two Bobs" on SRI's Shortwave Merry-go-round the a month or two ago, they announced that "they had been told" SRI was commencing a RTTY English language service. They also invited all RTTY monitors who copied their station to send in a printout of a SRI transmission for a QSL. However, the RTTY service has quite a unique QSL policy--THEY WILL QSL VIA RADIOTELETYPE!!!

The way this works is that in response to your QSL request SRI will send you a notice which will tell you a time to listen when your QSL will be broadcast! Neat Idea SRI! SRI English service to Australia can be heard here in NAM on 15835.0 kHz from 1700-1800 UTC. Their QSL address is CH-3000 Berne 15, Switzerland.

APO, FPO ZIP Guide

Sheldon Daitch, who works for VOA Tinang Relay station in the Philippines, sent me a copy of the 23-page booklet Military Overseas Zip Code Directory. This little ditty provides a systematic listing of ALL APO, FPO, and military ZIP CODE addresses as well as all changes brought about by the modernization of the military postal service on 15 July 1991.

From a glance through, it appears approximately 75-80 percent of all the codes have changed. While the booklet is designed for

military personnel and personnel working overseas on military installations, you might give your local US Post Office a buzz to see if you can get the booklet.

PIAB Singapore Relay

If you are into exotic modes or German language news you might be interested in the schedule I monitored here in Georgia on 12 December at 1800UTC for PIAB Singapore Relay. PIAB transmits in FEC-A, and I monitored this sked on 16022.0 kHz in German. Here is the sked:

Time UTC	Freq.	Call	Target
1600-1800	11007.0	(9VF67)	East Asia
1600-1800	10217.5	(9VF59)	Australia/New Zealand
0230-0430	7900.0	(9VF39)	Indonesia
0230-0430	19535.0	(9VF91)	Southern India
0230-0430	18050.0	(9VF255)	Eastern India

Interestingly, I can't find a listing anywhere for the 16022.0 transmission! Anyone have a callsign for that station?

FAA COTHERN Net

Skip Sanders via SW Echo BBS writes that, "The FAA has an entirely separate SelScan-type HF system all their own, it's not part of the US Customs HF (COTHERN) system. There are, by the way, only 10 frequencies in the COTHERN (Customs Over The Horizon Enforcement Network) system that use the SelScan tones...other "discrete" channels aren't part of the COTHERN scan system.

COTHERN Frequencies:

- Chnl 1= 7527.0
- Chnl 2= 8912.0
- Chnl 3= 10242.0
- Chnl 4= 11494.0
- Chnl 5= 13907.0
- Chnl 6= 15867.0
- Chnl 7= 18594.0
- Chnl 8= 20890.0
- Chnl 9= 23214.0
- Chnl 10= 25350.0

These are the frequencies for the SelScan system of US Customs. Of course, much of the traffic on these channels is scrambled with TDM Scramblers. (The "gobbling" sound with digital bursts front and rear.)

Propagation test data braps are sent every 15 minutes or so by the C3I (Command, Control, Communication, & Intelligence) center in Florida and the C3I center in California, working up from channel 1 to channel 10, in order. You can use that to discover how high in frequency the propagation is good for you from each of them (if you can figure out which set of bursts is from which C3I center!).

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Guest Article:

Controle de Voie (CdeV)
by Robert Hall

Capetown, RSA

The words "Controle de Voie" will often be seen in RTTY loggings, sometimes shortened to "CdeV". Roughly speaking, the meaning of this phrase is "LINE TEST" and the transmitter origin will be a French Military, Naval or Air Force station--often shortened to "FF", for French Forces.

There are hundreds of FF stations in France and dotted around the world. Each station has at least one callsign. In France these callsigns will begin with the letters "RFF", and overseas the signs will begin with the letters "RF".

Callsigns are usually made up of four or five letters but they can run up to six or seven. Here are some typical examples:

RFQP--Jibouti
RFFA, RFFUBA, RFFA--N'Djamena, Chad
RFVI, RFVICS, RFVITZ--Le Port, Reunion
RFLI, RFLIA, RFLIB--Fort de France, Martinique
RFFA, RFFAAA, RFAAB, RFFAB--Paris, France
RFFLUW, RFFLVA, RFFLVo--Toulon, France

FF stations transmit in the following modes: ARQ-E; ARQ-E3; ARQ-M2/4; and to a very small extent in Baudot RTTY. Within these modes, baud speeds and shifts will vary. Almost all FF stations have more than one transmit frequency--high up the scale in daytime, and lower down at night. The Confidential Frequency List and Klingenfuss' Guide to Utility Stations give most of the data needed to identify FF stations, but there are frequent changes.

Many FF stations are linked into circuits which are identified by a three-letter "circuit identifier". Thus, 'FTI' for Libreville to Paris, 'HIJ' for Noumea to Papeete, 'HJI' for Papeete to Noumea, 'DAD' for Libreville to Dakar, and so on.

Transmissions are often 'en clair', and in French of course, but one frequently sees endless coded five-letter groups. When not transmitting coded or clear messages many FF stations will test their lines and circuits by sending out a brief "Controle de Voie" flash similar to the examples which follow.

This is only a brief and somewhat inexpert look at FF transmissions but hopefully it will help stir interest in the fascinating RTTY hobby.

What follows are two actual French Military message formats provided by Robert. All messages were logged by him on 20179.6 KHz in ARQ-E3 mode (100/395). The format is typical of the types of messages you will encounter when you decode FF stations.

```
ZCZC
RR RFVITZ RFVIT
DE RFFAK 0056
ZNR VVVV
R 071420Z OCT 91 ZY3
FM DISTRANSIT VINCENNES
TO RFVITZ/COMSUP SAINT DENIS
INFO RFFECC/CONSAIR BORDEAUX
RFVIT/TRANSITMIL SAINT DENIS
BT
NON PROTEGE
```

[flight info traffic]
NNNN

ZCZC IRE681
PP DFVIC
DE RFIM 0121
ZNR VVVV
P 071545Z OCT 91
BT
BBBB
EORIN ENRNI FGPSN DFKNO FISOW WIPNR
JRIIE RIGNS SNKAS NANAD RIWID IASIE
EWHEI WRHAM
NNNN

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Well, that's it for another month. Hope you enjoyed the offerings. As some of you have already probably guessed, most of the articles in the newsletter this month are by now several months old. My method of assembling the UWO is to go back and pick many of the features and reviews which have appeared in the SPEEDX Utility World column in the monthly hardcopy magazine. As a result, I have to use news stories which have first been printed in the regular club magazine. I do this to protect the investment of the club members who have paid their dues and contribute every month. If you would like to receive the very latest information each month (and not wait 2-3 months for it!), consider joining SPEEDX. Our rates are competitive and our membership friendly.

SPEEDX is an international shortwave radio club. Currently we have members in over 30 countries around the world, although most of our members are located in North America. We are an 'open' club--in other words we do not limit contributions to reporters from a particular geographical region. SWLs in Finland are just as welcome to report as members from California, USA. We publish the monthly hardcopy magazine, SHORTWAVE RADIO TODAY.

For a sample copy send two IRCs to our publisher at the following address:

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P.O. Box 149
Brick Township, New Jersey
08723-0149
United States of America

To subscribe, please contact our Business Manager at this address:

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Payments in US dollars only to SPEEDX. Please send all renewals, new memberships, and changes of address to the DuBois address.

See you next month. 73 and Cheers.

Chuck Yarbrough, Editor
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===== SPEEDX's Utility World Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 1, No. 3 October 1992 =====
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Greetings once again! We're back with a bumper crop of ute news for you. Thanks for all the letters--you've really been finding some great stuff on the bands. This month also marks the arrival of the new and improved Ferrell's Confidential Frequency List from Gilfer. Everyone is encouraged to contribute what you are hearing by e-mailing (or USPS mail) to the editor.

Ute World Goes Online

This past month your local ute column expanded its services by commencing the Utility World Online Edition. It is distributed to the SWL-L network on the Internet (which also means the rec.radio.shortwave database as well). The Internet serves governmental, commercial, educational, and military customers worldwide. Over one million people check in with the Internet each day, according to official figures.

Don't worry about your SPEEDX sub-scription going obsolete, however. I am publishing all the information in the magazine format FIRST and THEN in the online edition. Also, I'm not including any loggings in the online edition.

Since the first issue went online, over 250 people from all over the world have contacted me requesting the newsletter on a regular basis. The first issue contained the articles you read in February's edition. If you would like to receive the first two issues of the newsletter please e-mail me at the above addresses.

AP FAX is Back

Longtime reader Dan Wright checked in this month with information regarding the reappearance of the Associated Press Photo Facsimile service, broadcasting out of Buenos Aires, Argentina. Dan found station LRO26 on 5775.3 kHz transmitting between 2330 and 0000 UTC Monday thru Friday. The settings are 60/288 Negative.

Dan asks, "Is it normal to send a negative instead of a positive picture?" The answer is yes. The intended customers for these pictures are newspapers in South and Central America. AP sends the photos as a negative so that the paper may use the negative to "print" the picture in normal polarity in the paper. Remember those photo negatives you received with the vacation photos? That is the equivalent of what the AP transmits to your FAX decoder. This is not a problem, however. Most decoders today make some provision for switching the polarity simply by pressing a button.

Dan also asks if there is any info on skeds for FAX test

charts. Good news, Klingenfuss' Guide to Facsimile Stations contains listings in its Schedules Section. This book is far and away the best info source on facsimile transmissions.

Foghorn Revisited

Mike Hardester has made a little progress in attempting to identify the source of the 'Foghorn' signal located on 4625 kHz and several other frequencies. Mike's radio-location efforts from his home in Eastern North Carolina, USA indicate that the signal is transmitted on a Northeast/Southwest axis. That path would include a Northern Europe to South Pacific path.

I'll add Geoff Halligey's comments this month when he reports the 4625 frequency to be very loud at night (after 1600 local in winter) from his location in Southern Wales, UK.

Geoff also reports weak foghorn signals of the same type on the following frequencies: 13875, 18500, 23125, 27750, and on 32375 and 37000. All of these frequencies are (coincidentally?) harmonics of the original 4625 frequency. The only harmonic frequency not heard is 9250. Perhaps there are other pieces to this puzzle?

The Hall Report

Robert Hall of Capetown, South Africa, provides us with some of the good things he is currently receiving at his station.

On the FAX front, he is currently hearing the U.S. Navy at Diego Garcia very clearly on 20300 and 20910 kHz during daylight hours. The first frequency also transmits in the typical USN RTTY 75/850 format. This is almost always encrypted, so its probably NOT your machine or tuning Robert!

A rarer catch Robert reports is the Soviet SAAM base at Moldezhnaya, Antarctica. This is now officially called the Sovereign Republics Antarctic Meteo Service. SAAM transmits two charts most days at 1200 and 1225 UTC on 18488.4 kHz (120/576). No other transmissions have been monitored from SAAM.

Finally, Robert reports great Swedish Diplomatic traffic over the past month. I'll let him take it from there.

"Great activity in the SWED-ARQ mode was noted during March with many transmissions logged between SAM and SIDA Stockholm (Ministry of Foreign Affairs) and various Swedish Embassies in Africa. Some of the stations reported were Kinshasa, Nairobi, Dar-es-Salaam, Harare, Addis Ababa, and so on. Swedish language 'en clair' is often used but there is also plenty of crypto and five-letter groups.

"Each embassy seems to have its own assigned frequency which is used for signals in both directions. Signals from Stockholm are addressed to embassies by name and usually signed "Cabinet--UD Stockholm". Signals to Stockholm are addressed to SAM or SIDA, followed by a named person. No call signs have been seen so far.

"The most active frequencies are 20607, 20699.9, 20919.6, 20987.1, 23078.9, 23593, and 23547.7 kHz. Speeds are all 100 baud and the shifts were 370/425 (nothing at 170, which was preset into the M-7000!).

"The Swedish frequencies are most active between 1000 and 1600 UTC--nothing was heard outside these times. SWED-ARQ seems to be called 'UDTEX' by the Swedes themselves."

Thanks a lot for that most informative bit of info about the transmitting habits of the Swedish Ministry of Foreign Affairs. Apologies are in order to Robert as well for not publishing his magnificent Pretoria Meteo FAX image he sent, but our photoreduction techniques here at SPEEDX don't really treat graphic images very well. That's why you don't get a lot of pretty pictures in this column! Thanks for the info Robert.

Ross' CFARS Update

David Ross of Ontario, Canada provides us an update of the Canadian Forces Affiliate Radio Service (CFARS) frequencies we published in the March column.

David writes, "I have several minor changes to the CFARS frequencies...printed in the March column. One frequency change is 6977 kHz (ex 13971) due to facsimile interference and three newly located frequencies being the Juliet, Kilo, and Lima channels that I had previously mentioned. I have heard another channel mentioned as being the Hotel frequency that is somewhere near the 10-meter amateur band. I will keep listening and let you know when I find the frequency.

"I have heard CFT mentioned on the air as being in Costa Rica, Guatemala, and San Salvador, El Salvador. I have also heard mentioned that CHL in Western Sahara has either 62 or 63 mobile units "running around the desert" using that callsign with an individual station number following the CHL callsign. So it looks as though there are mobile units assigned to each of the main stations. This will take some investigation to check this out."

The CFARS frequencies David reports are as follows:

Hotel	(UNID 10-meter frequency)
Lima	20976.0
Fox	20970.0
Golf	20962.0
Delta	14461.5
Charlie	14458.5
Juliet	14452.5
Kilo	14448.0
Echo	14445.0
Bravo	14385.0
Alpha	6977.0 (ex- 13971)

David also provides us with an updated list of new CFARS callsigns he has accumulated off air over the past month. Several of the callsigns are currently involved in United Nations efforts worldwide. Callsigns CFC (Cambodia) and CIW3100 (Angola) are new UN operations, while the CHL callsign is currently used by some 31 mobile stations in the Western Sahara.

David advises us that we can probably expect more CFARS stations to start popping up due to Canadian participation in the ongoing peacekeeping mission to Yugoslavia.

Thanks for the updater David. We will look forward to future updates. By the way, my offer to you if you want a copy of David's CFARS list still stands. If you want one, simply drop me a line with a SASE and I'll send one (with the updates) to you.

OOPS!!!

Well, even haggard Utility Editors aren't perfect. I was

reminded of this fact by Randy Minnehan of Columbus, Ohio in a letter this past month. In our January 1992 issue we published the QSL address for the VOA Bethany Relay station as "Marion" Ohio. I'll let Randy correct us, "Regarding the address for the VOA Bethany relay station, the city was given incorrectly. The proper city should be Mason, Ohio, not Marion, Ohio. The P.O. Box is correct as well as the zip code that you published, but not the city. Marion is a city in Ohio, located just north of us here in Columbus, but the Bethany relay receives its mail in nearby Mason, Ohio (near Cincinnati, about 100 miles southwest of Columbus)."

Incidentally, Randy says the best time to catch the Bethany relay is at 1600 UTC on 17800 kHz. By the way, VOA Bethany WILL QSL their transmissions. For addresses within the United States, the Washington office will NOT QSL.

Thanks for clearing that up Randy. Believe it or not, you WERE the first person who caught that error!

Time Signal Stations?

Staying for the moment in the great state of Ohio, USA, Michael Fanderys writes in asking for the latest info on the stations OLB5 in Czechoslovakia and EBC in Spain.

Anyone have any information for Michael? I normally don't chase Time Signals, so I'm a bit out of my depth on this question. However, I know that these stations do inspire a considerable following among SPEEDX'ers, so drop me a line with your advice.

Product Review:

HOKA Code3 Decoder

As we saw last month in the first part of this review, the HOKA Electronics Code3 RTTY/FAX/CW decoder has recently been released to the North American market. To recap, the requirements for this new decoder are that it must be used with an IBM PC, XT, AT, or 100% compatible computer. It can run off of either a floppy or hard disk and only requires 640kb of RAM memory. It will perform well with any graphic adapter, but the FAX function is much more satisfactory in either EGA or VGA mode.

On March 3, 1992 Hoka Electronics of The Netherlands announced the release of version 4.00 of their Code3 decoder. From the product documentation, it appears that many of the earlier 'problems' with the unit have been corrected. The biggest problem with the old versions of this program was the lack of 'user-friendliness'. Horst Diesperger, owner of HOKA Electronic, and company have apparently solved this by programming a new interface which is completely menu-driven. From all appearances, once you have adjusted the program parameters for your receiver and computer, the program exhibits a very friendly and straightforward design.

The interface is not the reason to buy this machine, however. In my book, there are two major factors which favor the Code3 program. First, the number of modes included in the machine is phenomenal. 24 modes are included in the basic unit. I will list these a bit later. In addition, six additional (and exclusive) modes are also offered as options.

The second plus for the Code3 is its price. The basic machine (software and hardware) lists for \$375.00. There are six different options available as well. Option one provides a tuning 'Oscilloscope' (\$45.00). Option two provides for saving ASCII text

to a disk (\$50.00). Option three offers Piccolo Mk VI mode decoding (\$75.00), while option four allows you to decode the French Coquelet mode (\$75.00). Option five gives you four additional ARQ and FEC modes (ie. TORG-10/11, HC-ARQ, ROU-FEC, RUM-FEC). This option costs \$95.00. The final option (six) is an 'Auto-classification' module which allows for automatic selection of the correct tuning mode. If this works it will be a most useful tuning help.

Despite the fact that you have to order the machine directly from the manufacturer (at least in the United States), all prices are in US Dollars, no currency conversion is necessary. The decoder comes with a one-year guarantee and a six-month free upgrade policy. In other words, if Hoka comes out with a new version within six months after you purchase your Code3, they will upgrade your program disk for postage costs alone.

So what does one get in this package? Plenty. The following modes are incorporated in the basic unit.

- Packet Radio AX.25
- Sport 300 (German Sports Press)
- Press 300 (German News Press)
- Wirtschaft 300 (German Weather)
- Autospec (Oil Rigs and S.African Navy)
- DUP-ARQ Artrac (Hungarian Diplo)
- Baudot RTTY, ITA-2 (Multiple Users)
- Twinplex
- ASCII, ITA-5
- SITOR A (maritime traffic, Diplo)
- ARQ-S (Austrian Diplo)
- SWED-ARQ (Swedish Diplo)
- ARQ-E (French Military)
- ARQ-N (Italian Military)
- ARQ-E3 (French Military)
- ARQ-M2 (multiple users)
- ARQ-M2-242
- ARQ-M4 (multiple users)
- ARQ-M4-242
- FEC-A (German Press)
- SITOR B (NAVTEX and maritime users)
- FEC-S (Malaysian Diplo)
- Morse Code (multiple users)
- Facsimile (Weather and Press Photos)
- Hellsreiber (German Ham Facsimile)
- AUTOR (Automatic SITOR A/B switch)
- ARQ6-90/98
- POL-ARQ (Polish Diplo)

In addition, the following modes are also available as options.

- Piccolo Mk VI (British Diplo)
- TORG-10/11 (Russian TELEX)
- HC-ARQ (Red Cross traffic)
- Coquelet Mk I (French, Algerian Diplo)

Quite an impressive lineup of modes, you must admit! In addition, Hoka claims that they have other modes available as well, but you must specially request them.

In addition to the wide range of modes, the Code3 also sports an impressive list of helpful tuning and data analysis features. One of the features I think I might find most useful is the high resolution of the 'auto-speed' function. When this function is invoked ([F1] button), the program measures the incoming baudspeed to three places past the decimal (ie. 96.045 baud!). With the exception of the WAVECOM W4010 from Germany, this is the highest baud-rate resolution of any commercially available decoder today. (Since my new RTTY DATACARD from Tiare Publications relies on this function, you can tell that I might like it!)

In addition to the baud-speed analysis feature, the Code3 users guide lists eleven other analysis features available to the RTTY monitor. It is not necessary that you know what to do with these tools, the machine will work fine even if you never look at them, but they are there if you like to get into the data structures of each mode.

I must provide the reader a word of warning. I personally have not used this machine. I am going to order a copy for my own personal use, but I cannot endorse this product until I have actually used the machine for several months. It does appear to be a very attractive offering. The price makes it competitive with the other PC board decoders currently on the market. The modes offered make it comparable to the WAVECOM W4010 decoder alone. I have learned to develop a level of scepticism when it comes to electronic products, and even more when it comes to computer programs. I will offer a more complete review after I have used the machine for a while. Stay tuned.

New Book Review:

Ferrell's CFL, 8th ed.

Well, moving on to something I HAVE actually used--the new and improved Ferrell's Confidential Frequency List, 8th edition finally arrived. My first impression was quite favorable. Having cut my 'eye-teeth' on the seventh edition of this classic, I was pleased to see that author Geoff Halligey and the folks at Gilfer Shortwave had retained all of the more useful features of the earlier edition, while providing some very useful new ones.

The number of actual pages in the frequency section have increased from 325 in the 7th edition to 387 in the new edition. All of the MMS changes which occurred last July 1 have also been incorporated in the 8th edition as well. We have all come to EXPECT a high quality frequency section from the CFL crew. They do not disappoint.

There are a number of new or expanded features in the new edition as well. First, the Callsign List section of the book has been increased dramatically, from 24 to 114 pages. In addition, the entire Callsign List section has been printed on blue paper for ease of use. I find this feature extremely useful.

Some new features which will appeal to the serious utility monitor are: continuous frequency coverage from 1600-28000 kHz; a listing of Swedish Embassy callsigns and frequencies; RAF UKADGE "Architect" Stations; INTERPOL Stations and frequencies; an excellent collection of "Numbers" callsigns and frequencies (as well as signature tunes!); Channel marker frequencies; International Callsign Allocation Groups; ICAO Location Indicators; as well as Location Indicators used in the TELEX service. Everyone can find something of interest in the indexes in this book.

One further improvement in the new Confidential Frequency List is in the design of the book. It is designed with the user in mind. The book is spiral bound, so it lays flat when open without breaking the binding (which is what happened to my 7th edition!). The layout of the entire work is straightforward and uncomplicated. The two major sections, the frequency pages and the Callsign List section, are printed on different colored pages, so turning to the needed section is a breeze.

While the fine folks at Gilfer expanded most of the features and listings in this edition, one thing they DID NOT expand was the price. The Confidential Frequency List, 8th edition costs \$19.95 US, the same price as the much smaller 7th edition (which sold originally in 1988!). Pound-per-pound the new edition is a MUCH better buy than the previous one!

Can I recommend this book for the utility buff? The answer is an unqualified YES! This listing is Gilfer's best effort yet. Every listing has been reviewed and updated from the previous edition, and the thoroughness of Geoff Halligey's work shines through. This new edition is destined to become a classic in every shortwave utility monitor's library.

Ferrell's Confidential Frequency List, 8th edition can be obtained from Gilfer Shortwave, 52 Park Avenue, Park Ridge, NJ 07656 USA, telephone (201) 391-7887. Tell them SPEEDX sent you!

Tune in next month for a review of Peter Rouse's new book Shortwave Communications from England, plus much more. Keep the cards and letters coming!! 73 and Gud DX,

If you would like to learn more about the SPEEDX radio club, please write to Bob Thunberg, Business Manager, SPEEDX, P.O. Box 196, DuBois, Pennsylvania 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Carribean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

aero frequency this time of year. Right now lots of activity, good place to watch for Mogadishu. You might catch it also around 1200 UTC on long path with a little luck. Evening should hold until around 0300 to 0400 UTC.

INO-1

These are a little rougher to hear, but traffic coming from West Coast via Diego Garcia will be found here. Long path evenings best bet.

Antananarivo 5634 8879 13306
Beira 8879
Bombay 5634 8879 10018
Cocos 3476 5634 8879 13306 17961
Colombo 8879 13306
Dar Es Salaam 8879 13306
Johannesburg 3476 5634 8879 13306
Lusaka 5634 8879 13306
Mahe 5634 8879 13306
Mahajanga 8879
Male 5634 8879 13306 17961
Mauritius 3476 5634 8879 13306
Nairobi 6559 13306
Perth 3476 5634 8879 13306 17961
St. Denis/
Gillot 3476 5634 8879
Seychelles 3476 5634 8879 13306 17961
Toamasina 8879

Be sure to watch NAT families especially NAT-A and E for mil activity during non-Africa propagation periods. These should be ripe anytime with mil traffic headed that way. Watch for Coronet flights, Coronet + color calls (I would be especially interested in hearing about those), and also watch some of the Desert Shield/Storm AMC discretets that popped up. I don't have them handy right now, but I covered some of them in the features and columns during the period.

Thanks Larry for that most useful and timely information. Larry is retiring from the Navy after 23 years this spring and will be 'moving in with Bob' at Grove Enterprises mid-summer. He is currently working on a new edition of Grove's Shortwave Directory, something to look forward to! Larry invites all ute DXers (SPEEDXers included!) to give him feedback and info on what they/you want in a guide. You can contact Larry at Grove Enterprises, P.O. Box 98, Brasstown, NC 28902-0098, USA.

Special Discussion:

HOKA Code3

I decided to devote a little space this month to a discussion of the Hoka Code3 multi-mode decoder. I will provide you with my thoughts on the machine, but I felt that more than one opinion might be informative.

To that end I solicited a review from several Code3 users--only one took me up on the offer. That brave soul is Ed Deasy of Charlottesville, Virginia. Ed has used the Code3 for several years and, from his discussions seems to be quite expert with the unit. Take it away, Ed.

Code3: A Detailed Review

Ed Deasy, Charlottesville, VA

I first heard of the Code3 RTTY decoder from an advertisement in Monitoring Times more than two years ago. At the time I had been curious about the RTTY modes mentioned in the Klingenfuss Guide to Utility Stations, some of which were not available on U.S. made RTTY decoders. The Code3 seemed to cover all of the Klingenfuss modes, and quite a few others. With some trepidation I mailed my mega-dollars overseas to someone I thought understood my order on the phone.

What I got was much more than what I expected. In fact, the function of many parts of the software were beyond my comprehension. Unfortunately, I also got an extremely complete German manual, and a halting, sketchy English translation. I couldn't afford much transatlantic "quasi-German-English" tech support, so I had to tough it out. Fortunately, Hoka Electronics, who make the Code3, had their manual re-written by Hoka's U.K. office and now is quite understandable.

Hardware description:

Code3, other than software, consists of a small box with two cables and one jack, and no adjustments. One cable is for AC power, one is for a 9-pin RS-232C serial port, and a RCA jack for audio input. Unlike many serial port adventures, I just connected everything together, installed the software, and it worked.

The Code3 works primarily by analog to digital conversion. The audio passband is "sliced" into digital values, and then processed to determine timing and placement of tones. This is the basis of most of the Code3's "analysis" modes, they are all mathematically derived from the digital information.

Software considerations:

The software is copy protected, with a numbered install routine. The word that come to mind is "onerous," but I can understand the company's need to protect their product. Other decoders have their key code in ROM; you can't use the program without the hardware. The Code3 hardware is quite simple, so the company has found it necessary to make the software "locked." The trouble with locked software is that it can be inconvenient. Also, if you should have two hard disk failures you'll need to return the software disk for renewal.

Features of the Code3

A unique feature of the Code3 is derived from the Analog to Digital signal conversion. The digital information is stored in a buffer during receive. This information can be stored as a disk file (about 500k). Hoka U.K. says this is rather like DAT tape.

The entire audio passband is stored in digital form. When you play back this file through the decoder it is just like being tuned to the original station again. Thus, you can store an unidentified mode for later identification. Furthermore, if you have a fast PC, like a 386, the playback is much faster than real-time. The software kicks up the speed in the decode and analysis modules to synch with the file dump.

The speed of the playback will also depend on the module--some are more numerically intensive than others. It may only take a minute to listen to 3 minutes of saved digital info. In most cases it's more convenient to use this feature to identify or analyze a signal than to do it in real time. Since there are more than 24 different modes and 11 analysis modules to check the signal out on, the signal may be gone before you've found out what it is.

I should also point out there are two analysis modes that can act as decoders for modes not covered above. They are "character analysis" duplex

and simplex. These modules search for bit patterns of known RTTY alphabets in the data flow. Many parameters exist within these modules for customizing.

In practice, only rarely does this actually work. Modern systems are often quite complex, with interleaved inverted characters, making alphabet analysis a fairly complicated procedure. Nonetheless, I have been able to log several keying systems not covered in the decode modules using this analysis module.

Analysis and Tuning:

You tune while viewing a spectrum analysis of the passband. You simply tune the peaks corresponding to the tones until they are equidistant from the center frequency. A baud readout, accurate to .00 (!), shows in 10 to 30 seconds, with both synchronous and asynchronous speed equivalents listed.

I don't know what the maximum speed reading is, but I've measured rates above 400 baud. This particular baud readout will be effected by noisy signals. The "correlation mod signal" module should be used in this case.

Oscilloscope: This is a real oscilloscope, totally synchable, and with a storage feature. This feature costs extra.

Correlation Mod Signal: This determines baud-rate to .0000. You can get a readout in this module when the noise level is too high to get a consistent readout in the standard tuning screen.

Correlation Bit: This "exclusive Xor" analysis of bit patterns reveals CRC (character repetition) or other repeated patterns in data. Since it is statistical, it will work with very weak signals. Uses a graphical screen. This soon becomes an indispensable aid in identifying modes.

Mark-Space analysis: This determines whether the signal is synchronous or not, even in high noise. Uses graphical display.

Speed Preset: In high-noise, this module does a statistical analysis to indicate which standard baud rate you might have.

Speed-Bit analysis: This shows bit length graphically, which can be measured in Milliseconds using on-screen pointers.

Bit analysis: This is the same as databit mode on M-7000.

There is also a 'Save as ASCII' feature, which, oddly enough, costs extra.

Performance:

There are two issues here; how well the decode module is implemented and how well the unit actually senses tones in the audio passband.

The decode implementations on the Code3 are in many cases better than the M-7000. There is no need for auto-synch or manual synch on synchronous modes. It doesn't matter whether the station is idling or sending traffic, the Code3 synchs up immediately. ARQ-E is very poor on the M-7000, does not easily synch on the 4 CRC version of ARQ-E: Code3 does this mode correctly. Baudot also seems more readable at lower signal levels than M-7000. The M-7000's TDM decode is very good on maintaining synch on very weak signals, if they are idling.

The complexities of evaluating performance can be seen by taking an example from a recent monitoring session.

I was trying to get an I.D. on a very weak 200 Baud TDM two channel station. I had both the Code3 and M-7000 on the signal. The M-7000 was maintaining synch on the idling signal much better than the Code3, which was holding synch for stretches, but then dropping it. When the actual traffic started, the M-7000 lost synch during a fade, so I had to hit the manual synch button to try to regain synch. I lost all the traffic on the M-7000 because it refused to re-synch on the traffic signal. The Code3 also lost synch during the fade, but regained and held synch long enough during the traffic to get an ID. On other modes, such as Sitor-A, the situation would probably be reversed, with the M-7000 catching more of the traffic.

When it comes to sensing tones in the audio passband, I would rate the M-7000 higher in certain conditions. In wide shifts combined with high noise levels, let's say, an 850Hz shift signal below 10 MHz in typical evening conditions, the M-7000 will pull the tones out of a surprisingly high level of noise. The general signal to noise tolerance of the M-7000 is higher, although the differences narrow substantially as shifts get narrower. The Code3 seems particularly sensitive to static and noise bursts in wide-shifted signals on the lower frequencies.

It's easy to understand these performance differences when you consider how the "front ends" of the two decoders differ. The Code3 scans the audio passband, so, in the above example, an 850 hz. "window" has to be open in between the mark and space tones. This gives it multi-tone capabilities, and perhaps makes other modulation schemes decodable in the future. The M-7000 and other "dedicated filter" type demodulators must be programmed (or auto-tuned) with the shift, after that there are only two very narrow windows of filtration at both the mark and space frequencies. This is very effective in reducing off-frequency noise. For instance, it's possible to copy a wide shift RTTY signal on the M-7000 even if a heterodyne is between the tones. The Code3 must scan across the het., so it chokes.

Hoka Electronic is aware of this, hence, the Code30, which has an automatic DSP prefilter, and numerous other features. The DSP filter constructs "windows" in the proper places, rather like the dedicated filter approach. In this case, the "window" will configure tightly around a multi-tone group. However, this product costs much more than the Code3. (approx. \$1200)

I can also compare the Code3 to the M-1000, which I have used for years. The signal to noise tolerance between the Code3 and M-1000 is very similar. One obvious observation here: the M-1000 is NOT comparable in this respect to the M-7000. In other words, I have found the M-7000 outperforms the M-1000 in most situations. However, the M-1000 seems to have an additional weakness on high baud rate synchronous codes. I've found that 192 baud ARQ-E3, and 200 baud TDM that I can easily synch on the M-7000, will not synch on the M-1000. It can't just be a matter of baud rate, since the packet module on the M-1000 is fine. So, while the Code3's signal to noise tolerance is similar, it does not have the shortcomings of the M-1000 mentioned above.

Comparison of important features:

The Code3 also uses a slightly different manner of printing text to the screen than the M-7000 and M-1000. If an error is received, a "tilde" [~] character is printed. That means when copy is really broken, paragraph spacing and columns still show reasonably correctly on the Code3. This also makes broken copy much more readable. The Universal equipment, with the exception of Sitor-B, lumps whatever is received together with no spaces. So, broken copy is much harder to make sense of.

Of course, there are also some features on the M-7000 which are omitted on the Code3. The Code3 does not have the M-7000's selcal function, which allows certain defined elements in the received traffic to turn on the printer, and turn it off. I don't miss this on a software decoder; it's much better to

save to disk than to print out. In fact, the M-1000 is most advanced in this respect, the selcal can control "save to disk." This does add to convenience, keeping disk file sizes small.

Rating the Code3

The problem of comparing the Code3 to "decoders" is that it is a bit more than just a decoder. The tuning and analysis features have no comparable parallel on any other decoding equipment that I'm aware of. While daunting at first, these modules soon become "eyes" on the spectrum. Many of the modules reveal the actual bit structure of the received signal; they become interactive lessons in RTTY structure and function.

This brings new descriptive powers to new keying systems you can't actually decode. If you come across a 125 baud signal, you'll be able to say it has a 8 character repetition rate, that it's idling with pseudo-random characters, etc. For true code "hackers", which I am not, you can go further still.

If you can very accurately describe a keying system, using the analysis features of the Code3, apparently Hoka will consider writing a module for it. I have no idea what this might cost, though! They do seem to be actively working to expand the base of systems.

Here's a good example of the difference really knowing what you are receiving can make. I often see the statement on Shortwave topics that most RTTY in the spectrum is encrypted 75 baud. The problem with the statement is that it's incorrect. The majority of these 75 baud signals are synchronous RTTY systems: Baudot is an asynchronous RTTY system with start and stop bits. If you have a decoder which indicates whether the code you're receiving is synchronous or asynchronous, it soon becomes clear that only a very small percentage of those 75 baud signals are, in fact, Baudot. The rest come out garbled on your decoder because 'they are not Baudot', not because they are encrypted. Even if they were sending in the clear it would print garbled on a Baudot decoder.

On the other hand some folks just want to print out press Baudot and faxes and couldn't care less about statements on code structure, etc. More power to them, they're still sane. The Code3 is more suited to "enthusiasts" who can go on endlessly about such things as I did in the very last paragraph. There are many economical options for beginners in RTTY these days, including the nearly shareware "Hamcom".

I hope this information will be of help to prospective RTTY decoder buyers. As you can see, a comparison of equipment and software of this complexity is complex in itself. It can help, where overwhelmed with features as in this case, to carefully consider what you really need in a decoder before making a decision.

Thanks Ed for that fine review. After using the Code3 for about 6 months myself, I have to agree with most of what Ed said in his article. I would like to add a few comments, though.

I think the last paragraph in Ed's review is worth noting. If you've never decoded a RTTY signal before, you will be overwhelmed by the flexibility and sheer decoding power given to you by this unit. The learning curve is fairly long when learning how to use the Code3. I am (he said humbly!) fairly proficient on all the M-7000 modes, yet I have only managed to decode fewer than half of the modes contained in the Code3! I HAVE learned much more about RTTY and data structures than I ever would have by using the Universal machines.

While the Code3 is a great analysis tool, I do have some questions about the implementation of one mode--the Facsimile decoder. While I have been able to decode weather faxes, the tuning is difficult for someone used

to the Universal implementation. Most of the decoding is automatic and the resolution doesn't match the M-1000.

I would also like to see Hoka beef up their documentation so that non-Computer Scientists could understand the fundamentals of data structures and, more importantly, how to decode them. This point is the most frequently mentioned point of Hoka users, "its just not very user-friendly". The graphic interface is just as friendly as any other decoder, but the features/modes documentation leaves many gaps for the user to 'discover' on his/her own. Perhaps Hoka NAm could expand the manual? Ed is right--the Hoka U.K. manual is MUCH more understandable than the Dutch/German version.

From an operational standpoint, the Code3 is easy to install and easy to navigate. The windows-like interface is simple, but it does not support monochrome VGA displays unless you run it under Windows 3.1. If you are still a DOS user, you must have a color monitor. The Code3 will not install on a hard disk with modern disk compression software. (ie. Stacker, DR.DOS 6.0, Xtradrive). Since I run Xtradrive, I had to partition an uncom-pressed segment of my disk (2-3 Megs is enough for Code3). It works fine now.

One problem, which I think Hoka NAm has solved, is the power cord on the A-D Converter box. Mine came with a European 2-pin plug which, even with an adapter, didn't stay plugged in. I eventually replaced that plug with a 'clip on' US-style power plug. Now it works fine. Another minor 'gripe' I have with the Code3 on the operational level is that I must give up my COM2 (serial port) to keep it plugged in. I run Windows all of the time and must have a mouse on COM1. I also have an internal modem installed, so every time I want to use the modem I must physically unplug the Code3. I would like to see an internal PC card version of the A-D converter.

Despite the above comments, I really like the 'feel' of the program.

This decoder has rejuvenated my interest in RTTY decoding in the months since I first got it. As Ed said, it allows you to make the jump from simple 'reactive decoding' to actually understanding what is going on within the signal you are receiving. Indeed, as Ed said you will probably become a 'radio hacker' if you get this unit. If you have grown a bit bored with the same old modes on RTTY, or tired of all those '75 baud blackholes', then you are probably ready for a Code3. Code3 costs \$495 US and can be obtained from: J&J Enterprises, 4001 Parkway Dr., Bossier City, LA 71112. The order line phone number is (381) 631-3081.

Well, I'd better shut up and get on with the loggings or we'll be out of room. Here's what you've heard this month (in an abbreviated form, alas!):

January 1993 Utility

World Logs

Frequency	Mode	UTC	Callsign	Station/Remarks/Contributor
5754.00	RTTY	0830	RFFGCEM	UNID/ARQ-E 72 baud/Jansen-NED
5847.50	RTTY	0830	RFFDBCM	UNID/ARQ-E 72 baud/Jansen-NED
5909.00	CW	1517	BMB	Taipei, TAIWAN/wx and ID/Berri-CA
8474.00	CW	2300	HCG	Guayaquil, ECQ/marker/George-MA
9057.00	RTTY	1547	DFZG	MFA Belgrade, YUGO/75 baud Baudot/Jansen-NED
14372.00	RTTY	0955	SNN299	MFA Warsaw, POL/Pol-ARQ 100 baud/Jansen-NED
15703.00	RTTY	1543	YZJ6	Belgrade, YUGO/TANJUG FF Nx 50/400/Wolfson-OH
16065.00	RTTY	1709	IRO30	Rome, ITA/ANSA EE Press 50/500/Wolfson-OH

17535.07	RTTY	0945	V5G	MFA Bucharest, ROU/ROU-FEC 164.5 baud/Cooper-UK
19808.00	RTTY	1202		Lagos, NIG/SWED-ARQ 100/415 (Norwegian Embassy, Lagos!)/Hall-RSA
20004.50	RTTY	1446	CLP1	MFA Havana, CUB/100 baud Baudot to Iraq/Jansen-NED
20198.30	LSB	1656	AFE70	Cape Canaveral, FLA/STS52 Shuttle
				Launch/Lukas-NY
20558.20	RTTY	1625	5AQ88	Tripoli, LIBYA/JANA EE Nx 50/400/Wolfson-OH
26725.5	CW	1538	NAR	Key West, FLA/marker/Lukas-NY

Sorry about the meagre logs this month, but our page allocation is firm. I'll concentrate on the logs next month. Keep 'em coming to the address in the masthead. 73 until next time!

ABOUT SPEEDX (The Society to Preserve the Engrossing Enjoyment of DXing).

Speedx is a non-profit volunteer hobby organization founded in 1971. SPEEDX is a member of the Association of North American Radio Clubs (ANARC). The Club publishes the monthly bulletin Shortwave Radio Today, 48-pages of up-to-the-minute DX news from both Broadcast SW Stations as well as Utility News. If you would like more information regarding SPEEDX or apply for membership, please send all inquiries to:

Mr. Bob Thunberg, Business Manager
SPEEDX

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===== SPEEDX's World of Utilities Electronic Edition =====

===== Specializing in Utility Signals =====

===== Vol. 2, No. 2 May, 1993 =====

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Chuck Yarbrough, Editor

Note: This Electronic Edition is from the February, 1993 SPEEDX member bulletin "Shortwave Radio Today". Since this edition has come out, I'm sorry to report that Chuck has stepped down as editor of Utility World. To take his place, there are now two utility column's:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike at:

Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

UTILITY NOTES: Edited by Rick "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself at:

Rick Baker
1352 Cavalcade Dr.
Austintown, Ohio, 44515-3844

Internet: ae411@yfn.ysu.edu

I have volunteered to continue the Electronic Edition, and will also be editing it. I will continue with Chuck's column for the past issues.

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Greetings from the sunny southern U.S.! It has been a good month for us on the DX front judging by the number of logging's you have sent me this month. As promised, I am devoting the majority of this issue to those logs. Thanks to Ed for giving me an extra page to do this. That is the good news. The BAD news follows.

USCG CEASES ALL CW ON MW
by Lee Reynolds

Effective August 1, 1993, all United States Coast Guard Communication Stations and Cutters will discontinue watchkeeping on the distress frequency 500 KHZ, and will cease all morse code services in the medium frequency radiotelegraphy band.

More efficient telecommunication systems are now available to provide the mariner with options for initiating or relaying distress alerts, and passing and receiving maritime safety information.

These options include INMARSAT, Radio Telex (SITOR) MF/HF

single sideband and VHF radiotelephone, satellite EPIRBS (for distress alerts and telecommunications) and INMARSAT SAFETYNET.

Navtex Broadcasts include the same notices to mariners, weather, search and rescue and fixed fishing gear location products that have been provided by the MW morse broadcasts.

Distress and other calls to any U.S. Coast Guard Communication Station can also be made on any of the following HF single sideband radiotelephone channels:

424 (4134 KhZ), 601 (6200 KHZ), 816 (8240 KhZ), or 1205 (12242 KHZ) Meteorological broadcasts are also made over these channels. We believe these options provide sufficient redundancy to ensure that adequate distress and safety coverage is maintained. Any comments regarding this discontinuance of MF morse telegraph services can be sent to any Coast Guard Communications Station or direct to U.S.Coast Guard Headquarters:

Commandant (G-TTM)
U.S. Coast Guard
Washington, DC 20593
Telex: 892427 (COASTGUARDWSH)
Telefax: (202) 267-4106 or 267-4662

Thanks Lee for that timely information. Sounds like you if anyone is going to QSL the USCG MW frequencies you'd better get to it!

THE ROSS REPORT

David Ross reports in with several interesting observations from his logging's during the past month.

David mentions that Peter Rouse in the U.K. publication Shortwave Magazine lists 5310 khz as being used by the UN Forces in former Yugoslavia.

He reports that there is a net operating in Yugoslavia which includes ships and aircraft. Shipping reports have been monitored on the frequency.

The net seems to use 3-digit callsigns and is run similarly to the USAF nets according to David. He monitored RZU working M3U on 26 December at 0310 UTC. This might be an interesting frequency to monitor in the coming months.

David is also currently writing a book on NASA and the Space Shuttle in particular. He graciously included the Shuttle missions, dates, and payloads for the upcoming year. Here they are:

January 13: Endeavor. Launch tracking and data relay satellite.

February 25: Columbia. Conduct experiments with the Germans in Spacelab. his will be the second German Spacelab mission.

March 23: Discovery. Carry an atmospheric lab for applications and science (ATLAS) which will measure solar radiation and its effects on the earth.

April 29: Endeavor. Retrieve Eureka satellite, an unmanned lab with year long experiments.

July 9: Discovery. Launch experimental communications satellite.

August 26: Columbia. Conduct life science experiments in microgravity.

November 11: Discovery. Conduct experiments. Mission will include a Russian cosmonaut.

December 7: Endeavor. Astronauts will go outside the shuttle and install parts to repair the Hubble Space Telescope.

Thanks for the info David. David edits the excellent Ontario DX Association utility column, Monitoring Services.

NEW PUBLICATIONS

Guide to Utility Stations

The newest edition (11th edition) of Jorge Klingenfuss' annual Guide To Utility Stations has just been published. While the previous edition of this classic got raves from us here at Ute World Central, the new edition surpasses it.

The updated version of the work contains nearly 500 new frequencies and has approximately 3000 changes from the previous edition.

The guide covers all frequencies between 17.1Hz (LW) and 29936.0 (HF) as monitored by Herr Klingenfuss at his QTH in Southwestern Germany.

In my opinion, the most important and improved feature of this work over previous editions is the reporting of the more 'esoteric' RTTY modes. Klingenfuss has substantially improved his monitoring capabilities over the past year (he got the new German/Swiss dream decoder the WAVECOM 4100 as well as the top-of-the line Universal M-8000 decoder). The results of his new acquisitions shows in number of newer modes reported and the increase in the number of frequencies with a positive ID. The result is a much more complete and modern database than contained in previous editions.

It is good to see that Herr Klingenfuss is not sitting on his laurels. Rather, he keeps up with the fast-paced world of utility reception.

Of course, as in previous editions, the book includes just about every ITU regulation, as well as a quite complete callsign database of utility stations.

In conclusion, I commend Klingenfuss Publications for another fine edition of their Utility Guide I also heartily recommend it to all Utility buffs.

RTTY Code Manual (12th ed.)

Another offering by Klingenfuss Publications is the 12th edition of their classic Radioteletype Code Manual.

If you own a previous version of this fine work, you will definitely want to get this latest version. Klingenfuss has added much to the 12th edition.

The most important improvement in the book comes in the heart of the book, the discussion of the various modes. **15 NEW MODES ARE INCLUDED!!!** This more than doubles the number of modes discussed over the previous edition.

If you are curious about RTTY, an old hand at decoding them, or a casual user wanting to learn more about the technical details of the modes, this book is for you.

If you have been keeping up with our discussions of the new RTTY modes here in Utility World, then you will recognize the majority of the modes included in Klingenfuss' new book. However, some of the modes included haven't yet made their way into our discussions. Examples are RAC-ARC and RS-ARC. I believe that most

of us will 'grow into' this latest edition.

Of course the book also includes the usually excellent discussion of telegraph alphabets, definitions, and ITU rules and regulations.

In my opinion, the 12th edition of the Radioteletype Code Manual is the single most important resource for learning the ins and outs of RTTY decoding.

It is also indispensable for owners of the new microprocessor-based RTTY decoder like the HOKA Code3 or the new Universal M-8000.

You can get both the new books from: Klingenfuss Publications, Hagenloher Strasse 14, D-7400 Tubingen, Germany. Tell them SPEEDX sent you!

This month we have a feature on the LKA (Landeskriminalamt), or German State Police. It was contributed by one of our European reports.

HOW TO MONITOR THE GERMAN STATE POLICE

Most monitors in Europe have at one time or another come across a strange type of closely spaced signals with callsigns like "HFFBW", and "GOVHF".

These signals are those of the German National State Police, or Landeskriminalamt (LKA).

The LKA is a national organization in Germany and uses a series of local HF radio stations to communicate with its headquarters, located in Bonn.

Approximately 15-20 different local offices in all parts of Germany are linked with Bonn via this network. All of the LKA frequencies monitored so far have been between 2200 and 7900 kHz and seem to operate 24 hours a day. Now let our European friend tell you about how to monitor the LKA.

"The stations are in groups of 1 up to 6, usually 85Hz shift but some use a 170Hz shift. Channel IDs consist of 5 letters (ie. BWVHF). I think this means "BW" (local station), "V" von (from), "HF" which seems to be Bonn (control) and the BW indicates the Baden-Wurtemberg (Stuttgart), so the reverse link should be HFVBM.

There are day and night frequencies and irregular midday (7MHz) frequencies as well. As to be expected most message activity takes place during German local business hours from Monday through Friday.

Most stations will send a "QVL" message every 4 hours: 0300, 0700, 1100, 1500, 1900, and 2300 UTC, but their message will indicate German time. The format is: ZCZC 060 GKVHF 231200 SSS GKGK QVL e: 004 (1200) NNN

Most traffic is encrypted, but always begins with the circuit ID. Day/night channel changes and other operator service messages are given in German and would seem to give location information: HFVGS will always end with "Munich kf".

The following table is a possible analysis (incomplete) of how some of the IDs fit locations. However, many do not fit the pattern. For instance, 'G' abbreviations seem to duplicate others like "BY" -Munich, and GS -Munich. Here is the table:

LKA ID Locator Codes

Code	Town	Land/State
AG	??	??

BF ?? ??
 BK Weisbaden?
 BR Berlin
 BW Stuttgart Baden-Wurtenburg
 BY Munich Bayern (Bavaria)
 DO ?? ??
 DU ?? ??
 GK Bad Bramsled
 GM Kassel
 GN Hannover
 GO ?? ??
 GS Munich
 GW Bonn
 HB Bremen
 HE Wesbaden Hesee
 HF Bonn
 HH Hamburg
 MU ?? ??
 NI Hannover Niedersachsen
 NW Dusseldorf Nordrhein-Westtafle
 RP Mainz Rheelnland-Pfaltz
 SH Ktel Schleswig-Holslein
 SL Saarbrucken Saarland
 TH Erfurt Thurtngia
 VH Dusseldorf?

Here are a few of the LKA Stations by channel and ID by group:

ID	BD	DAY	NIGHT	LOCATION
AGVHF	96	5478.36		Bonn
BFVPH	96	4555.22		Dusseldorf
BKVHF	96	4618.38	2767.78	Bonn
BRVHF	96	5476.35	2440.38	Bonn
BWVHF	96	4979.75	2387.75	Bonn
BYVHF	96	4977.36	2385.36	Bonn
DOVPH	96		3271.65	Dusseldorf
DUVPH	96	4555.66		Dusseldorf
GKVHF	72		2234.55	Bonn
GMVHF	72	4588.05	2294.56	Bonn
GNVHF	72	5023.56	2234.55	Bonn
GOVHF	72	5478.74	2442.75	Bonn
GSVHF	72	4978.06	2386.05	Bonn
GWVHF	96	4587.36	2293.87	Bonn
HBVHF	96	4443.06	2459.05	Bonn
HEVHF	96	4619.05	2768.47	Bonn
HFFBW	96	5024.95	2674.34	Stuttgart
HFVBK	96		2235.92	Wiesbaden
HFVBR	96	5023.85	2295.93	Berlin
HFVBY	96	5023.25	2675.45	Munich
HFVGK	72	4587.78		Bad Bramstedt
HFVGM	72	4443.35	2234.24	Kassel
HFVGN	96		2294.88	Hannover
HFVGO	72	4971.35	2673.73	??
HFVGS	96	5024.26	2674.74	Munich
HFVGW	96		2232.04	Bonn (170Hz shift)
HFVGW	96		2548.76	Bonn (170Hz shift)

HFVHB 96 4977.75 2387.46 Bremen
 HFVHE 96 2440.74 Wiesbaden (170Hz shift)
 HFVHH 96 4972.44 2386.74 Hamburg
 HFVNW 96 3273.00 Dusseldorf
 HFVRP 96 2441.75 Mainz (170Hz shift)
 HFVSL 96 4619.74 2769.16 Saarbrücken
 HFVTH 96 4978.40 Erfurt
 HHVHF 96 5024.58 2235.55 Bonn

As you have probably noticed, all of the LKA frequencies on the previous page are 5Mhz and under. This will definitely make the monitoring difficult here in NAm, but readers in Europe and Africa should stand a good chance of catching them. Our European author says that the Bonn stations seem to put out a much stronger signal than the other stations. Remember that if you tune these stations that they all use the radioteletype mode ARQ-E.

The baud rate will almost always be 96 baud (see the list), and the shift will be 85Hz, except where noted on the list. We will conclude the LKA Report next month with a few more frequencies.

If you have any further information (or corrections) please pass them along to us here at Ute World Central. Monitoring the LKA is still largely unexplored territory (at least here in NAm), so any contributions are important.

Well, as promised last month I am going to provide a few more logging's than have been included in the past few issues. Keep them coming! Now on to the logging's.

FEBRUARY UTILITY LOGGING'S

FREQ	MODE	UTC	CALLSIGN	STATION/REMARKS/CONTRIBUTOR
3710.8	RTTY	0405		Conakry, GUINEA/Ry's & ID 50/436/Hall-RSA
4195.0	RTTY	0420	TUH	ASECNA Abidjan, CTI/wx tfc 50/436
4787.8	RTTY	0405	6VU23	FF Dakar, SEN/Ry's & ID 50/371/Hall-RSA
4961.5	RTTY	1600	DHS	Norddelch, GER/SITOR-A tfc/Jansen-NED
5310.0	USB	1500		U.N. Frequency for BOSNIA (tfc thru 0000Z) Malligey-UK
5310.0	USB	0233		Yankee Papa UNID/het against 5312.6/Hardester-NC
5310.0	USB	0318	ROU	wkng M3U at QTH 'RED 109'/Ross-ONT
5532.0	USB	0253		LDOC Amsterdam, NED/wkng KLM flt/Ross-ONT
5532.0	USB	0411		LDOC Prague, CZECH/QRM from Amsterdam/Lukas -NY
5692.0	USB	1665		Rescue 1717 USCGC Hornbeam wkng COMMSTA Portsmouth/Koch-ILL
5730.0	CW	0355	FDC	Metz-Frascathy Air, FR/marker/Lukas-NY
5755.5	RTTY	0930	RFFXHOY	FF Versailles, FR/ARQ-E 72 tfc/Jansen-NED
5760.0	CW	0302	OVG5	Frederikshaven, DEN/marker/Hardester-NC
5887.9	RTTY	0358	IBM32	Rome, ITA/meteo codes 50/858/Hall-RSA
5904.1	RTTY	0415	9GC	ACCRA, GHANA/Ry & ID tape 50/425/Hall-RSA
5904.7	RTTY	0400	KAWN	Offut AFB, NEB, USA/wx codes 75/858/Hall-RSA
6320.0	CW	1215	KPH	San Fransisco, CA, USA/marker & ID/Hardester -NC
6492.5	CW	0318	VAI	Vancouver, BC, CAN/marker/Szalony-CA
6507.0	USB	1115	VIS	VOLMET Sydney, AUST/tfc/Hardester-NC
6687.0	CW	0145		UNID Sta./sendng locations of practice targets/Shulsinger-OH
6753.0	USB	0430	CHR	CF Trenton, CAN/wx reports/Szalony-CA

6774.5 RTTY 2302 XTU ASECNA Ouagoudougou, BK FASO/ARQ-M2 2-chnl
96/425 with 'VBA' C/id, coded meteo on chnl
A/Ross-ONT

6835.1 RTTY 0420 GFL22 Bracknell, UK/meteo codes 50/414/Hall-RSA

6917.1 FAX 0429 ECA7 Madrid, SPAIN/meteo charts 120/576/Hall-RSA

7036.0 RTTY 0434 ZS3AAK RSA Ham1300 baud Nx in Afrikaans/Hall-RSA

7609.5 RTTY 2340 3XA Conakry, GUINIYs and ID 50/400/Ross-ONT

7626.0 RTTY 2328 TZH Bsmako, MALVRY marker 50/340/Ross-ONT

7903.5 USB 1542 KDM50 US FAA Hampton, GA/clng KII95 Shares Exer
/McKee-NC

8420.6 RTTY 2138 9VG78 Singapore, SING/SITOR-B tfc/Hall-RSA

8449.5 CW 0015 8PO Barbados, BARB IS/marker/Ross-ONT

8459.0 CW 0322 NOJ USCG Kodlak, AK, USA/marker/Ross-ONT

8473.5 CW 0234 A7D Doha, QATAR/marker/Ross-ONT

8500.0 RTTY 2116 VTH Bombay,INDIA/Indlan Naval w/RyS & ID 50/966
/Hall-RSA

8527.5 CW 1040 LFN Rogaland, NOR/marker-Ross-ONT

8581.0 CW 0112 XFC Cozumel, MEX/marker/Szalony-CA

8588.6 CW 0441 HPP Intelmar, PANAMA/marker/Szalony-CA

8598.0 CW 0124 OXZ4 Lyngby, DEN/marker/Ross-ONT

8609.5 CW 2342 9VG73 Singapore, SING/marker/Ross,ONT

8687.6 CW 1810 9VG3 Singapore, SING/marker/Szalony,CA

8688.5 CW 0044 ZSC8 Capetawn, RSA/marker/Ross-ONT

8690.6 CW 1805 XST Quanzhou, PRC/marker/Szalony-CA

8694.0 CW 0034 PJC Willemstad, NED ANTmarkr/Ross-ONT

8697.5 CW 0444 7TF6 Boufailk, ALG/marker/Szalony-CA

8700.0 CW 0035 9AR Rijeka, CROATIA/marker/Ross-ONT

8743.0 USB 2245 KMI San Fransisco, CA, USA/wkng Vessel Sea-
bird/Szalony-CA

8748.7 CW 0540 WOO Ocean Gate, NJ, USA/4 lgrps tfc/Szalony-CA

8828.0 USB 0237 VOLMET Honolulu, HI, USA/wx report/Ross-ONT

8855.0 USB 0330 Piarco ATC, TRINIDAD/wkng Paramaribo ATC flt
data/Ross-ONT

8861.0 USB 0046 Canarias ATC, CN IS./wkng Dakar ATC flt
data/Ross-ONT

8861.0 USB 2202 Sal ATC, CAPE VERDE IS/wkng Aeroflot 3591
/Ross-ONT

8867.0 USB 0921 Sydney ATC, AUST/wkng Flt 815 w/flt data
/Ross-ONT

8879.0 USB 0901 Nandi ATC, FIJI/wkng Flt 143 w/flt data
/Ross-ONT

8879.0 USB 1356 Iceland ATC, ICE/wkng Gander/Ross-ONT

8879.0 USB 0234 Mauritius ATC, MAUR/wkng Maurilius Flt 751
/Ross-ONT

8879.0 USB 0245 Sanaa ATC, YEMEN/wkng Malayslan Flt 201/Ross
-ONT

8879.0 USB 0300 Seychelles ATC, SEYCHELLES/wkng Flt 057/Ross
-ONT

8879.0 USB 0302 Biera ATC, MOZAMBIQUE/wkng Springbok 28T
/Ross-ONT

8894.0 USB 2321 Algiers ATC, ALG/wkng Speedbird Flt 57/Lukas
-NY

8903.0 USB 0255 Luanda ATC, ANGOLA/wkng Springbok 237/Ross
-ONT

8903.0 USB 0205 N'Djamena ATC, CHAD/wkng Speedbird 591/Ross
-ONT

8903.0 USB 0207 Niamey, NIGER/wkng Speedbird 781/Ross-ONT

8912.0 USB 1845 Omaha58 US Customs, Houston, TX/Longhorn Sta w/tfc
/Koch-ILL
8913.0 USB 0208 Kinshasa, ZAIRE/wkng Springbok 235/Ross-ONT
8933.0 USB 0208 LDOC Johannesburg, RSA/wkng many Springbok
/McKee-NC
8936.0 USB 2235 LDOC Berne, SWITZ/wkng German Cargo 7538
/McKee-NC
8957.0 USB 0020 VOLMET Shannon, IRE/wx report/Ross-ONT
8967.0 USB 0013 Thule, GREENLAND/wkng USN Flt JU542/Ross-ONT
8967.0 USB 0051 REACH 19 wkng HILDA (Scott AFB, Ill) /Ross-ONT
8988.0 CW 0100 MKL Pitreavie, SCOT/coded wx/Ross-ONT
9045.0 FAX 2055 5YE Nairobi, KENYA/meteo charts/120/576/Hall-RSA
9153.8 RTTY 0158 D4B Amilcar Cabral, Cape Verde IS/code meteo
50/670 'CMA'C id/Ross-ONT
10024.0 USB 0205 Quito ATC, ECUADOR/wkng Flt 7741/Ross-ONT
10057.0 USB 0000 VOLMET Brazzaville, CONGO/wx report/Ross-ONT
10066.0 USB 2230 Dhaka ATC, BANGLAOESH/wkng Flt 04/Ross-ONT
10150.2 RTTY 1751 SUA246 MENA Cairo, EGY/AA Nx 75/434/Hall-RSA
10231.8 RTTY 1730 LYNX MFA Lagos, NIG/SITOR-A Idling & CW ID/Hall-RSA
10284.0 RTTY 1725 MKK BA London, UK/Foxes & ID 50/425/Hall-RSA
10365.9 RTTY 1710 RFTJD FF Libreville, GABON/ARQ-E3 48/411 idling
/Hall-RSA
10493.7 RTTY 1705 RFTJF FF Port Bouet, COTE D'IVOIRE/ARQ-E3 48/422
idle/Hall-RSA
10602.6 RTTY 1649 NAN Lagos, NIG/EE nx 100/137/Hall-RSA
10797.7 RTTY 2048 RFLI FF FT. de France, MRT/ARQ-E 96/380 w/'IRT'C/
id coded wx/Ross-ONT
10852.0 CW 0800 RAP UNID/clng VCS daily -'spy'or embassy'
/Halligey-UK
11021.2 RTTY 2221 RFLIGD FF Cayenne, FR GUIANA/ARQ-E 96/390 tfc to
Paris/Ross-ONT
11288.0 USB 1611 Rockwell Collins Cedar Rapids, IA/Rockwell
Test Flight wkng N18M w/radlo check/Ross-ONT
(other test freq.6550, 8822, 11306, and
13312)
11300.0 USB 2134 Aden ATC, YEMEN/wkng Seychelles ATC/Ross-ONT
11300.0 USB 2321 Cairo ATC, EGY/wkng Khartoum ATC/Ross-ONT
11300.0 USB 0158 Addis Ababa ATC, ETH/wkng Nairobi ATC/Ross
-ONT
11300.0 USB 0357 UN 708 U.N. Calling Addls Ababa, ETH, no
joy/Ross-ONT
11300.0 USB 1441 UNF6 U.N. wkng Nairobi ATC, KEN/flight data/Ross
-ONT
11387.0 USB 0013 VOLMET Bangkok, THAI/Asian wx reports/Ross
-ONT
11455.5 CW 0130 KKN50 MFA Wash-ngton, DC, USA/marker/Hardester-NC
11530.0 AM 2320 UNID Numbers Station/GG 5 Number groups
/BabIn-MA
11615.0 USB 2230 NASA 928 NASA wkng Cape Radio, FL/was secondary freq.,
at 2230 switched to primary of 10780/Ross-ONT
12070.0 USB 1549 WGY912 US FEMA Mt. Weather, VA, USA/Shares tfc
/McKee-NC
12663.0 CW 0112 CBV Playa Ancha, CHILE/marker/Ross-ONT
12664.5 CW 0232 FUM Papeete, TAHITI/marker/Ross-ONT
12699.0 CW 2230 HPP Intelmar, PANAMA/marker/Ross-ONT
12709.2 CW 1344 9HD Malta, MALTA/marker/Ross-ONT
12743.0 CW 2050 NRV USCG COMMSTA Barrigada, GUAM/marker/Ross-ONT

12750.0 CW 0152 CWA Cerrito, URUGUAY/marker/Ross-ONT
12763.1 CW 0530 DAM Norddeich, GER/CQs and 5 lgrps/Szalony-CA
12834.7 CW 1301 VTP Vishakhapatnam, INOIA/marker/Ross-ONT
12856.0 CW 2041 XSG7 Shanghai, PRC/marker/Ross-ONT
12906.0 CW 2355 DSC Bulacan, PHIL/marker/Ross-ONT
12923.0 CW 0103 HL2 Seoul, SKOR/marker/Ross-ONT
12930.5 CW 1407 JYO Aqaba, JORDAN/marker/Ross-ONT
12970.5 CW 1946 PC Jakarta, INDO/marker/Ross-ONT
13016.6 CW 0541 WNU54 Slidell, LA, USA/marker/Szalony-CA
13044.0 CW 0002 VP61 Cape D'Aguilar, HONG KONG/marker/Ross-ONT
13060.5 CW 1413 70AF Aden, YEMEN/marker/Ross-ONT
13282.0 USB 1420 VOLMET Auckland, NZEA/wx reports/Ross-ONT
13827.7 RTTY 0108 NNNOICE USN MARS McMurdo Sound, ANTARC/SITOR-B nx
tfc/Ross-ONT
14452.5 USB 1911 VXV9 CFARS Damascus, SYR/wkng CIW829 (Dartmouth,
NS, CAN) w/fone patch/Ross-ONT
14493.5 USB 1543 KAG78 US FBI Kansas City, KS, USA/wkg Utah Natl
Guard/McKee-NC
14845.5 RTTY 2038 5YD Nairobi, KEN/RYS and 10 50/650/Ross-ONT
14943.7 RTTY 0600 MFA Cairo, EGY/heavy AA tfc SITOR-A/Hall-RSA
14963.4 RTTY 1401 RFFXLF FF Beirut, LEB/ARQ-E 72/400,'XXL' C/ID "C dV'
tape/Ross-ONT
15647.2 RTTY 2335 RFTJF FF Abldlan, COTE d'IVOIR/ARQ-M2, 1 chnl
48/400 C d'V tape/Ross-ONT
16544.1 RTTY 0945 ZOE TRISTAN DA CUNHA/ARQ-M2 96/220 ttc In EE &
Afrikaans/Hafl,RSA
16565.0 RTTY 1235 HEB Berne, SWITZ/SITOR-A freq Info/Hall-RSA
18016.1 RTTY 1938 Egyptian Embassy, Havana, CUBA/SITOR-A tfc in
aa/Ross-ONT
18291.5 RTTY 1144 German Embassy, Accra, GHANA/GG & crpto for
MFA Bonn ARQ-E 96/170/Hall-RSA
18296.8 RTTY 1158 RFQP FF Djibouti, DJIBOUTI/ARQ-E3 98/idling /Hall-
RSA
18551.5 RTTY 2144 CLF2 La Paz, BOLIVIA/clng HDN RYS & ID 75/850/
Ross-ONT
18761.5 RTTY 1613 MFA Bucharest, ROU/ROU-FEC 164.5/400 w/Tlx
tfc/Ross-ONT
19034.0 RTTY 0850 TAD MFA Ankara, TUR/FEC-A 144 baud tfc/Jansen-NED
19059.5 RTTY 1500 URD St. Petersburg, RUS/SITOR-A tfc/Jansen-NED
19261.3 USB 1625 Greenville, NC, USA/VOA Africa EE Svc
Feeder/Bereilovlch-FLA
19329.5 RTTY 0945 URO St. Petersburg, RUS/SITOR-A tfc/Jansen-NED
19586.0 RTTY 1400 Pollsh Embassy, Jakarta, INDO/POL-ARQ tfc
/Jansen-NEO
19662.5 RTTY 1440 URD St. Petersburg, RUS/SITOR-A tfc/Jansen-NED
19896.9 RTTY 1348 MKD RAF Akrotiri, CYP/VFT multi-chnl 50/170
w/test tape/Ross-ONT
19979.5 RTTY 1527 9BC33 IRNA Halghehdarreh, IRAN/EE nx 50/330/Ross
-ONT
20005.1 RTTY 1332 9AZX UNIDI FEC-A 192/400 w/Foxes and 5Lgrps//
20004.1/Ross-ONT
20011.7 RTTY 1513 ASK21 MFA Karachi, PAK/SITOR-A diplo tfc edned
w/'Parep Rabet'/Ross-ONT
20113.3 RTTY 1110 FJY5 Crozet IS. ANTARC/ARQ-E3 100 baud tfc/Jansen
-ONT
20131.8 RTTY 1520 DFZG MFA Belgrade, YUGO/EE 74/425/Ross-ONT
20156.5 RTTY 1946 5KM Bogota, COL/Columbian Naval clng CCS 75/850

/Ross-ONT
 20156.5 RTTY 1632 VYQX UNID (presumed MFA Vatican City)/SITOR-A
 w/selcal of VYQX. Tfc included several URGENT
 msgs to Kinshasa, Bonn, Tel Aviv. VATICAN was
 listed in msg header as sender, also on
 20151.6/Ross-ONT
 20556.4 RTTY 1704 RFGW MFA Paris, FR/FEC-A 192/400 w/'RAD'C/ld wkng
 RFFVB/Ross-ONT
 20627.8 RTTY 1622 Cuban Embassy, Sanaa, YEMEM/SS Prensaminrex
 and Telex tfc 50/500/Ross-ONT
 20633.1 RTTY 1413 RFVI FF Le Port, REUNION IS/ARQ-M2 1 chnl 100/340
 'REI' C/ID w/Cd'V tape/Ross-ONT
 20716.5 RTTY 1417 RFTJD FF Libreville, GABON/ARQ-M2 1 chnl 48/340
 coded meteo/Ross-ONT
 20734.0 RTTY 1654 UNHCR Geneva, SWITZ/SITOR-A Telex tfc/Ross
 -ONT
 20823.0 RTTY BAR UNID (possible MFA Cuba)/coded ttc & RYs
 50/475/Ross-ONT
 20844.6 RTTY 1500 RFQPA FF Djibouti, DJIBOUTI ARQ-M2 2 chnl 200/320
 meteo/Ross-ONT
 20995.5 RTTY 2114 CLP55 Cuban Embassy, Georgetown, GUYANA/coded 5
 lgrps w/SS text 75/500/Ross-ONT
 21882.0 RTTY 1622 SPK UNID (possible POLAND?)/marker w/coded mgs
 50/475/Ross-ONT
 22460.9 CW 2205 FUJ Noumea, NEW CALED/marker/Ross-ONT
 22592.2 CW 1742 A9M Bahrain, BAHRAIN/marker/Ross-ONT

Well, that's about it for another month. You guys really turned out
 with the logging's this month! Keep them coming in. Also, if you have any
 suggestions or comments please feel free to pass them along as well.

One comment by a reader said that he would like to see more USB stuff
 included. I agree. I would like to include more voice articles in the column
 I would therefore especially like to request that if you would like to submit
 an article for the column on SSB/voice subjects, I would be most pleased to
 get them.

Well, until next month, 73,
 Chuck

 SPEEDX members had this information over two months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave
 Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in
 the exciting world of Shortwave radio. Edited by Dan Brame

WHAT'S ON: A program listing, and some freqs for SW Radio edited by
 Daniel Sampson.

SHORTWAVE TO GO!: A DX column with much DX news copied from the
 various DX shows, and compiled by Dale Vanderpoel via the SHORTWAVE
 PARADISE BBS in Fort Lauderdale,Florida USA. (Now featuring Sked
 Row)

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Bob Colyard

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utility DX loggings, frequency lists and schedules,
edited by Mike Wolfson

UTILITY NOTES: News and information on the world of utilities,
edited by Rick Baker

SPEEDX AWARDS: A wide variety of awards are available for members
DX'ing accomplishments, Harold Woering, Awards Chairman

If you would like to learn more about the SPEEDX radio club, (the Society to Preserve the Engrossing Enjoyment of DX'ing), a non-profit volunteer hobby organization founded in 1971, please write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196, DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 2, No. 3 June, 1993 =====
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Chuck Yarbrough, Editor

Note: This Electronic Edition is from the March, 1993 SPEEDX member bulletin "Shortwave Radio Today". Since this edition has come out, I'm sorry to report that Chuck has stepped down as editor of Utility World. To take his place, there are now two utility column's:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike at:

Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

UTILITY NOTES: Edited by Rick "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself at:

Richard "RD" Baker
1352 Cavalcade Dr.
Austintown, Ohio, 44515-3844

Internet: ae411@yfn.ysu.edu

I have volunteered to continue the Electronic Edition, and will also be editing it. I will continue with Chuck's column for the past issues -RD

Please feel free to re-post this file to other boards, as long as the file remains unchanged. Permission is granted to use this information so long as SPEEDX, and World of Utilities Electronic Edition is cited as the original source. COPYRIGHT 1993, SPEEDX.

*Publishers note: The Utility World column arrived late and is therefore appearing as a supplement. My apologies to everyone whose loggings would have appeared on page 5, but it was either this or nothing. ej

Well, here we are once again, delving into the wonderful world of utility Dx'ing! We have a lot of news this month, particularly involving voice traffic. Looks like my request for SSB news in last months column was answered! Bravo! Keep it coming. Now on to the news...

DX'ING BOSNIA

Geoff Halligey of Wales, UK, reports that he has been listening to the United Nations Forces in Bosnia. he listens to USB voice military transmissions using alpha-numeric callsigns on 5310.0 and 6721.5 Khz., with mostly coded messages, but in English.

Geoff also reports that he has been monitoring the following:

ARQ-M2 (all military)

5397.7, 7451.7, 7642.7, 10960.7, 10168.3, 11003.0, 11416.7, 16165.2

SITOR-A (UN in Sarajevo, beleived)
5752.5

ICRC (various locations)
6996.0

USN, Italian Air Force
13220.0

Geoff also reports, much along the same lines as our lead article last month about the reduction of CW services on HF, that the Portishead (UK) Radio, "GKC" series of stations has shut down. These well know stations used to send CW (moresse code) to ships at sea. GKC used to occupy the following frequencies: 4215.5, 8516.0, 13019.8, 16954.4, and 22657.8

UTILITY NEWS

Goteborg (Sweden) Radio has also closed all of it's CW, although Geoff adds that there are still CW news broadcasts in Swedish at 0048, 0548, and 1848, transmitting on one frequency per band. SAG and SAB are the transmitting stations. the Goteborg RTTY and USB transmissions remain as they were before the changes. Thanks Geoff.

In another piece of news, the former nation of Czechoslovakia, which as of Jan.1, 1993 formally divided into the respective republics of Dlovakia and the Czechia (aka the Czech Republic) have split the OKA-OMZ callsign allocation blocks down the middle. Czechia now uses callsigns OMA-OLZ, and Slovakia uses the callsigns OMA-OMZ. Just though you'd like to know!

Richard Baker, the Sysop of the SWL Sig on the Youngstown Free Net (and also a new Speedx member-welcome Rick), send us some hot new USCG/USN SSB frequencies involved in the U.S. Operations off of Haiti. There seem to be main freqs to monitor, 5403.0 (USN), 6236 (USCG) and 6636 (USN/USCG). I listened in on the later two frequencies and was able to hear quite a bit of traffic. We will have more on the Haitian Op's (codename "Operation Able Manner") later in this months column. Thanks Rick.

Rick also reports the demise of another U.S. Coast Guard CommSta. I'll let Rick take it from here. "In a recent QSL letter I received from [U.S.] Coast Guard Communications Station Miami, "NMA", they advised that the entire command was destroyed by Hurrican Andrew. Rather than rebuild, it has been decided to close the station by mid-summer 1993, and the the antenna's by remote".

"CommSta Miami is presently working out of a couple emergency comms trailers, one Coast Guard, one Navy, using a 35 foot whip antenna. So, if you don't have NMA in your logs, now is the time to log them, before another station is lost to history".

For QSL'ing, it's best to send a PFC (Prepared Form Card) as they had run out of their of QSL's and most likely will not replave them. Best bet to hear them is on 5696.0 Khz USB local [eastern U.S,] night hours. Their address is:

Radioman in Charge
USCG Communications Station Miami
16001 S.W. 117th Ave.
Miami, Fl, 33177-1699

While on the subject, Rick runs the SWL Sig on the Youngstown Free Net. If anyone would like to check out the Sig, contact Rick at xx159@yfn.yzu.edu, or for internet try yfn.yzu.edu. Rick is especially a fan of the U.S. Navy comms.

CAPE RADIO By Richard Baker

In view of the up coming launch of STS-55, I thought a recent letter I received would be of interest. I sent a letter and PFC card to KSC (Kennedy Space Center), for lack of a better address for "Cape Radio".

I recently received a letter from a Ronnie Brautigam, who is a communications controller for the Cape Canaveral Air Force Station, i.e., Cape Radio.

Mr. Brautigam really works for a company called CSR, or Computer Sciences Tayteon. CSR operates and maintains all the HF radio's for the Eastern Test Range, which is the official designation for the facility at Cape Canaveral AFS. He states the facility is actually located across the Banana River from KSC. They are not affiliated with NASA in any way. However they do support all shuttle launches and un-manned launch vehicles. ETR provides range safety, telemetry, radar, command destruct, communications and optical tracking for all launches from the Cape.

Mr. Brautigam continues that the transmission I heard was with a launch danger area support ship (USS Vicksburg). The job of these ship's is to ensure that no planes or ship's are in the area where if a rocket would have been destroyed, debris may fall.

He describes the amount of HF radio at their disposal as "staggering". They have 8 HF transmitters that have an output of 45 kw, 6 transmitters with 30 kw capability, and 8 transmitters of 10 kw capability.

During Operation Desert Storm, Cape Radio played a key role in support of ground troops and cargo aircraft. During this time for a period of about 2 months, Cape Radio provided radio phone patches to home for the deployed troops. He states that the quality of the HF was quite good. Even though there was a 2500 mile distance, and maximum output of the troops ground transmitters were 100 watts, due to the receivers in use at ETR, they were able to get "very good" reception from Saudi Arabia.

Now for the bad news.

Mr. Brautigam stated that they will not fill out, or provide data for, or otherwise QSL. He stated that has been their policy since Cape Radio has been in existence, and that "thousands" of QSL requests every year. They simply do not have time to answer each one. So, what they do is this: every couple months they pull at random a letter from the latest batch that has come in, and then personally answer it. This time I was the lucky winner! (contest void where prohibited by law, NJ residents add 5% sales tax)

The letter concludes that all of their frequencies are classified and they are unable to confirm as in a PFC/QSL format any transmission. But they can say in a letter it was really them.

Mr. Brautigam suggests those with a opportunity, to witness a launch of the space shuttle, as "they really are spectacular".

I'm quite glad I was the lucky winner for last month, and that Mr. Brautigam took the time to write a rather extensive letter explaining a lot of mystery to me. I was aware "Cape Radio" was an Air Force installation, but it sure doesn't exist in too many military address guides (at least the five I checked, and the United States Postal Service). Call sign listed in several reference books for Cape Radio is "AFE71".

So, if you had intended on trying to QSL Cape Radio, Cape Canaveral Air Force Station, Eastern Test Range, you have to ask yourself: "Do I feel lucky today?" (Clint Eastwood said it better...)

Thanks for that most interesting article Rick. The majority of UTE listeners, at least in the SE U.S. have at one time or another TRIED to hear Cape Radio. It's good to be able to 'put a face' to a rather anonymous radio signal.

HAITIAN OP'S By Richard Baker

Operation Able Manner, the Coast Guard/Navy operation which began in January, to encircle Haiti, is still going strong.

The operation, which includes 21 U.S. Coast Guard cutters, 5 Navy ships, and over a dozen aircraft, can be monitored on the following frequencies found so far:

FREQ	MODE	USER/USE	USAGE
5399.5	USB	Navy Tactical	Nightly
5400.0	USB	same	Random
5403.0	USB	same	Random
6236.0	USB	USCG, Primary	Nightly
6686.0	USB	Navy/CG	Nightly
8972.0	USB	Navy, Safety of	

Flight -Atlantic Random Related Comms

(freqs contributed by Rick Baker, Wally Blume, and Ron Synowicki)

"On the 8972 frequency I have heard several aircraft op's reports to search area's related to Able Manner".

"But by far the nmost active is 6686 Khz, with shore stations (most likely Guantanamo and Purto Rico) on almost all the time. Standard Navy tactical callsign's are used (letter/number/letter) and change daily. A lot of "targets" being run down, with half-hour checks for each unit. Have also heard CG cutters here, but un-like 6236, tactical callsign's are used".

"On 6236 Khz, you hear Coast Guard aircraft calling in "targets" to the cutters. Plain ID's for both aircraft and cutters, with aircraft maintaining stadard half-hour flight op checks with the designated cutter".

"Both 5400 and 5403 Khz have been logged by others, but may be alternates to 6686, as it seems to be the same type of traffic, although I have not yet heard these freqs yet".

"On 6236, Coast Guard has gone several times to a secondary frequency of "12Y", due to a FAX signal interfering with comms. As of yet, "12Y' has not been found".

"Just as I was making this article, a new frequency of 5399.5 Khz was found. It has been active for several nights now. USN may be moving the 5 meg frequency around every few days."

Thanks again, Rick, for that great bit of info. As I sit here editing this months column, I have 6686.0 Khz (U.S. Navy) on in the background. It is VERY active, with a transmission made every minute or so. Check it out!

New Product:

WATKINS-JOHNSON 8711 HF RECEIVER

Many of you have seen the advert for the new WJ-8711 Digital HF Receiver in last months Monitoring Times magazine. Well I was curious enough about this machine that I called Watkins-Johnson and talked to them for awhile. The W-J folks were most coopertive and, while not sending me a demo unit (nuts!),

they did talk to me and fax me the spec sheets on the radio. Here is what I can tell you about the receiver.

First of all, this is a SERIOUS radio made for the COM/MIL market. Carrying a base price of US\$4795.00, I doubt many of us will go out and buy one, but it's nice to see what five grand will do these days!

It turns out that for your 5K you get quite a radio. The WJ-8711 is a fully synthesized, general-purpose HF receiver for surveillance and monitoring. Its usable range is 5 KHz to 30 Mhz with TRUE 1 Hz tuning resolution. I mean, YOU ACTUALLY SEE THE FREQUENCY DISPLAY CHANGE IN 1HZ INCREMENTS! No other radio I know of does this.

The 8711 is the successor to the well-know and respected WJ-8717, first sold in 1978 and is still in production today (at 1993 cost of US\$11,000!!). All filtering is done through Digital Signal Processing, which provide very steep filter skirts and exceptional stability. The filters are not user defineable (i.e. tuneable) as they are in some of the dedicated filter units, but can be changed at the WJ factory. Included HF band-widths included in the unit are 300Hz, 1kHz, 6.0KHz, and 16.0KHz. The WJ-8711 comes with AM, FM, CW, USB, LSB, and ISB modes standard and 100 memories with three different methods of scanning those memories.

The true mark of the receiver's greatness is its high dynamic range. At +30dBm the WJ=8711 will do a much better job of ferreting out those weak DX stations (both UTE and Bcast signals), as well as not overloading in the presence of stronger signals. Obviously I'm not Electronics Engineer, but if some of the other popular popular consumer radios were tested the same way, the WJ-8711's dynamic range would more than double even the best consumer radios. This means less noise, more sensitivity, and consequently more DX catches for you!

The 8711 can be operated from its front panel, or via computer through its RS-232 port, which comes standard on the radio. Of course, since the radio was designed under US Government contract, it fully conforms to MIL-STD testing standards. This means they test it for operating temperature ranges, humidity range, altitude, shock (i.e. it survived 8 drops onto a hard wooden surface WHILE OPERATING), and it will operate in excess of 14,000 hours between failure (MTBF).

The power supply for the 8711 is auto-sensing, in other words it automatically switches to any voltage between 97 and 253 VAC. The radio consumes a maximum of 35 watts with options, is 5.25 x 19.0 x 16.0 inches, is fully rack mountable, and weighs less than 12 pounds.

So, if you buy the thing, what options might you want? There are only two: an internal speaker and a suboctave preselector (US\$720.00) which helps the 'front end' of the radio blockout strong nearby RF sources (i.e. a nearby transmitter).

So if you get your tax refund back and you have a few thousand to burn on a radio, you might want to consider the Watkins-Johnson WJ-8711. After all, it is competitively priced with the 'not-so-brilliant' ICOM R-9000! If you would like to learn more about this fine receiver, contact Watkins-Johnson Co., CET Division, 700 Quince Orchard Rd., Gaithersburg, MD 20878-1794. USA, Phone (301)948-7550. Talk to Mike Cox at extension 7334.

So enough of the wordy stuff, lets look at what you folks have been listening to this month! Onto the loggings!

MARCH UTILITY LOGGINGS

FREQ	MODE	UTC	CALLSIGN	Station/Remarks/Contributor
2582.0	USB	1113	VCO	2582/2206 Sydney CG Radio wkg u/i ves ELBI7 for R/T tfc. (Baker, OH)

2598.0 USB 0704 VOJ CCG, Stephenville Radio, w/wx (Baker, OH)
 2598.0 USB 0811 VOO CCG, Comfort Cove Radio, w/wx (Baker, OH)
 2598.0 USB 0821 VCP CCG, St.Lawrence Radio, w/wx (Baker, OH)
 2670.0 USB 0015 NMY42 USCG, Moriches NY Grp w/alert for
 "floating flashlights" (Baker, OH)
 2670.0 USB 0203 NMC USCG CAMSPAC San Francisco w/offshore wx
 f/cast (Baker, OH)
 2670.0 USB 0339 NMR1 USCG, San Juan, w/report of 3 missing ves
 (Baker, OH)
 2670.0 USB 0500 NMF CommSta Boston w/"Port Operations", Port
 Smith, NH, re their reception of distress
 signal (Baker, OH)
 2670.0 USB 1051 NMF CommSta Boston w/wx, MIB (Marine Info
 Broadcast), GPS info, b/cast daily 0440,
 1040, 1640, & 2240. (Baker, OH)
 2670.0 USB 1105 NMK USCG Cape May Grp (NJ) w/wx, MIB's (Baker,
 OH)
 2670.0 USB 2355 N/A USCGC Grand Isle w/Grp Woods Hole re FRTT
 (Fleet Radio Tele-Type) freq. (Baker, OH)
 2694.0 USB 0808 U/I Unk OM/YL SS w/what sounded like tfc list,
 also CW heard, then R/T tfc in SS.
 Possible CLT3 in Cuba? (Baker, OH)

 SPEEDX members had this information over two months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave
 Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in
 the exciting world of Shortwave radio. Edited by Dan Brame

WHAT'S ON: A program listing, and some freqs for SW Radio edited by
 Daniel Sampson.

SHORTWAVE TO GO!: A DX column with much DX news copied from the
 various DX shows, and compiled by Dale Vanderpoel via the SHORTWAVE
 PARADISE BBS in Fort Lauderdale,Florida USA. (Now featuring Sked
 Row)

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Bob Colyard

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utililty DX loggings, frequency lists and schedules,
 edited by Mike Wolfson

UTILITY NOTES: News and information on the world of utilities,
 edited by Rick Baker

SPEEDX AWARDS: A wide variety of awards are available for members
DX'ing accomplishments, Harold Woering, Awards Chairman

If you would like to learn more about the SPEEDX radio club, (the Society to Preserve the Engrossing Enjoyment of DX'ing), a non-profit volunteer hobby organization founded in 1971, please write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196, DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

--

Rick Baker (ae411@yfn.ysu.edu)
Live and direct from downtown Austintown, Ohio
aka (xx159@yfn.ysu.edu) Youngstown Free Net SWL Sig Sysop

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 2, No. 4 August, 1993 =====
=====

Electronic Edition edited by Richard Baker ae411@yfn.ysu.edu

UTILITIES

Logging's, Frequencies, and Schedules

Mike Wolfson, Editor

1843 Mifflin Ave.

Ashland, Ohio 44805

Hello and welcome to the latest incarnation of SPEEDX's utility column. In case you haven't been around before, I used to edit the QSL REPORT. Because of past indiscretions, I've been asked to take over this column. I'll state flat out that I DO NOT have a technical background and am unable to converse coherently on the technical details of RTTY retransmission/reception or decoding the more esoteric modes. Personally, I use an NRD 535, a Kenwood R5000, an M1000 and a 386/16 compatible. At least to start, I plan on setting up the column as I would prefer to see it from a reader's point of view (as in this is how I would want it if I was reading it). If anyone has any comments or suggestions, PLEASE LET ME KNOW !!!!!

I plan on stressing loggings, frequency lists (for all modes/types of broadcasts) and station information. I would also like to include some equipment reviews/announcements and book reviews as well. Short pieces (1 page or so), written by members would also be welcome; contact me for submission details. I plan on letting the column evolve to meet the needs and desires of you the reader. In other words, if you don't see it and want it let me know.

One last point PLEASE make your loggings legible. If I can't read it I won't be able to include it. The more clearly something is written the easier it will be to understand and the accurate it will be. Thanks for the help and for all future contributions.

AERO

- 3413 Honolulu Aero Radio ICAO HF Network US 1312 3/11 USB good (Man working Northwest 92 in EE, primary frequency 5574/secondary frequency 13413 (?)) (Thompson, Ca.)
4397 Many Callsigns Used: USAF US 2308 3/20 USB excellent (wargames, mention of airborne command post intercommunications, refueling activities) (Thompson, Ca.)
5520 New York Aero Radio ICAO HF Network US 0317 3/19 USB (Caribbean Route B working USN LF163) (Lukas, N.Y.)
13457 KCP63: FAA Network US 1914 3/1 LSB (KCP63 working KJK79 w/phone patch test) (Lukas, N.Y.); KLM43: FAA Network Battle Creek Mi. US 3/1 2045 LSB (Lukas, N.Y.)

MARINE

- 4369 WLO: Mobile Radio US 0240 3/3 USB (coast channel 405 working M/V Ocean Nugget) (Lukas, N.Y.)
6510 SPO31: Szezcin Radio Poland 0235 3/19 USB (coast channel 604 ID w/traffic list) (Lukas, N.Y.)
8984 NMN: USCG COMMSTA Portsmouth Virginia US 2142 3/15 USB (USCG SAR of USN F-14 off Cape Hatteras, 2 airmen lost, RESCUE 1501 (HC130) working 5th District RCC) (Lukas, N.Y.)

16921 CLS: Flota Cubana de Pesca Cuba 1916 3/17 CW (ID, VVV, DE CLS) (Lukas, N.Y.)

16948 VCS: Halifax C/G Radio Canada 2029 3/17 CW (ID, VVV (repeat), DE VCS) (Lukas, N.Y.)

17038 WNU55: Slidell Radio Louisiana US 1800 3/25 CW excellent (discussion of cargo, ship location, CW marker) (Thompson, Ca.)

17117.6 WNU45: Slidell Radio Louisiana US 1808 3/25 CW excellent (how to keep bananas fresh) (Thompson, Ca.)

17146.4 NRV: USCG COMMSTA Barrigada Guam 1812 3/25 CW poor (CQ CQ CQ DE NRV NRV NRV loop, bad QRN) (Thompson, Ca.)

17170.4 PJC: Curacao Radio Netherlands Antilles 1518 3/13 CW (ID, message, CQ DE PJC) (Lukas, N.Y.)

17380 WOM: Pennsuco Florida US 0010 3/14 USB good (man w/marine wx, traffic list) (Thompson, Ca.)

22459.6 XSX: Keelung Radio Taiwan 0053 3/22 CW poor (CQ CQ CQ DE XSX XSX XSX QSX loop) (Thompson, Ca.)

22460.9 FUJ: French Navy Noumea New Caledonia 0052 3/22 CW fair (VVV DE FUJ) (Thompson, Ca.)

22485 VHP: Canberra Radio Australia 2355 3/14 CW good (VVV VVV VVV DE VHP VHP VHP 1, 2, 3, 4, 5 loop) (Thompson, Ca.)

22487 WLO: Mobile Radio Alabama US 2015 3/14 CW fair (ARA Free Press-Newspaper of the Sea w/maritime news to 2035, into RTTY) (Thompson, Ca.)

22573 WNU36: Slidell Radio Louisiana US 2006 3/14 CW fair (CQ CQ CQ DE WNU36 WNU36 WNU36 QSX 4 6 8 12 16 22 MHZ OBS?, traffic at 2007) (Thompson, Ca.)

22603 PPR: Rio Radio Brazil 0059 3/22 CW poor (CQ CQ CQ DE PPR PPR PPR loop) (Thompson, Ca.)

22646.5 JOS: Nagasaki Radio Japan 0103 3/22 CW fair (CQ CQ CQ DE JOS JOS JOS QSX loop) (Thompson, Ca.)

22659.5 JOR: Nagasaki Radio Japan 0105 3/22 CW fair (CQ CQ CQ DE JOR JOR JOR QSX loop) (Thompson, Ca.)

22690 XSG: Shanghai Radio China 0115 3/22 CW fair (CQ CQ CQ DE XSG XSG XSG QRS loop) (Thompson, Ca.)

22690.5 JOU: Nagasaki Radio Japan 0107 3/22 CW fair (CQ CQ CQ DE JOU JOU JOU QSX loop) (Thompson, Ca.)

PHONE

4007 NNNOVMA, NNNOBSE, NNNOEMV, NNNOWNR, NNNOEQV: USN MARS US 0400 3/20 USB good (MARS traffic) (Thompson, Ca.)

4560 CZW: Halifax Military Canada 0407 3/13 USB (CANFORS calling unknown unit) (Lukas, N.Y.)

4880 ULX: 0102 AM (woman w/ID, 5 phonetic letter groups, messages) (Bellovich, Fl.)

5230 MIW2: Israeli Diplomatic (Phonetic ID) 0416 3/13 AM (no message, *no message if #2 in preamble, if no number, then message) (Lukas, N.Y.)

5820 ?????: 0415 AM (woman w/5 phonetic letter groups, messages) (Bellovich, Fl.)

6270 ULX: 0435 AM (woman w/phonetic message, 5 letter groups) (Bellovich, Fl.)

6840 EZI: 0300 AM (woman w/ID, 5 phonetic letter groups) (Bellovich, Fl.)

7445 KPA2: 0418 AM (woman w/ID, signoff at 0420) (Bellovich, Fl.)

8418 314: 0303 AM woman w/ID, Spanish call, 4 Spanish number groups) (Bellovich, Fl.)

11532 617: 0203 AM (woman w/Spanish 5 number groups) (Bellovich, Fl.)

13455.8 United Nations Western Sahara 2110 3/1 USB (man w/station ID and location, repeat, mention of UN observer team) (Lukas, N.Y.)

RTTY/FAX

- 4583 DDK2: Pihelburg Meteo Germany 2300 2/14 454 400/50 (coded groups of 5, ID, CQ) (Card, R.I.)
- 7429 TELAM: Buenos Aries Argentina 0100 2/17 444 850/50 (International news and press releases) (Card, R.I.)
- 10895 LRB39: Buenos Aries Saporitf Argentina 0112 2/20 434 850/50 (Domestic news) (Card, R.I.)
- 12906 GYA: Whitehall Naval Radio London England 1400 2/20 353 ???? (3 letters 2 numbers, 1 letter) (Card, R.I.)
- 18188 ZVK7: Rio Aero Brazil 1800 4/6 454 850/75 (coded text) (Card, R.I.)
- 18230 GFL25: Brachnell Meteo UK 1745 4/6 454 400/50 (code groups) (Card, R.I.)

Reid Kelly posted the following information on FidoNet of 4/7. It is a repost of information originally posted by Ken McKenzie on another BBS

SM>I am just starting out with FAX receiving, does anyone out there have a SM>list of FAX freq's of any type . I am primarily looking for SM>those that can be received in Brisbane Australia, but would SM>like to try for any Freq's around the world.

Hi Steve.

These are all center frequency. Depending on the decoder or software you use or the receiver you are using you may have to tune 1.9 khz lower than these frequencies. 8080 would give you a proper printout on 8078.1 or 10865 would be 10863.1 Some are ISB, so you can use USB and LSB.

Let's see, we'll start with your own neighbourhood just incase you don't have those.

All frequencies in KHZ

Not all freq's active at the same time. It depends on what time of day it is at the transmitting station.

Australia: Canberra Meteo = 2628, 5100, 11030, 13920 and 20469; Darwin Meteo = 5755, 7535, 10555, 15615 and 18060

Canada: CF Vancouver = 4268, 6456 and 12753 (where I live); CF Halifax = 4271, 6330, 10536 and 13510

China: Beijing Meteo = 5527, 8122, 10117, 14367, 16025 and 18237

Germany: Hamburg Meteo = 3855, 7880 and 13882.5

Japan: Tokyo Meteo = 3622.5, 7305, 9970, 13597, 18220 and 23522.9

Kenya: Nairobi Meteo = 7464.5, 9045, 12317, 15527, 16317, 17367 and 22869

Korea: Soul Meteo = 5857.5

New Zealand: Auckland Meteo = 5807, 9459, 13550 and 16340.1

Reunion: Saint Denis Meteo = 8176 and 16335

Saudi Arabia: Jeddah Meteo = 3560, 5452 and 10296

Senegal: Dakar Meteo = 13669.5 and 19751.5

South Africa: Pretoria Meteo = 4014, 7508, 13538 and 18238

Spain: Madrid Meteo = 3650, 6918.5 and 10250

Thailand: Bangkok Meteo = 7394 and 17519 (freq's vary alot!)

England: Bracknell Meteo = 2618.5, 4610, 4782, 8040, 9203, 11086.5, 14436, 14582.5 and 18261

USA: USCG San Francisco = 4346, 8682, 12730, 17151.2 and 22527; USN Norfolk = 3357, 8080, 10865, 16410 and 20015; Honolulu Meteo = 9982.5, 11090, 16135 and 23331.5 (try 00:01, 6:01, 12:01 and 18:01 UTC for FULL DISK of earth satellite photo)

That should keep you busy for awhile!! Let me know what you hear Steve.

Ken

(Repaired and repost of Jim Jowski hf fax freqs by Reid Kelly 11-4-92)

kHz	LOCATION	CALL SIGN	TIMES
53	MOSCOW 2, U.S.S.R.		CONTINUOUS
111	PRAGUE, CZECHOSLOVAKIA	OLT21	CONTINUOUS
117	OFFENBACH 2, F.G.R.	DCF37	CONTINUOUS
122	HALIFAX, NOVA SCOTIA	CHF	CONTINUOUS
134	OFFENBACH 1, F.G.R.	DCF54	CONTINUOUS
227	TIKSI BUKHTA, U.S.S.R.		VARIOUS
2122	PEARL HARBOR, HAWAII	NPM	0600-1600
2195	ROGERS CITY, MICHIGAN	WLC	0130-0430E
2618	BRACKNELL 2, ENGLAND	CFE25	1800-0600
2628	MELBOURNE, AUSTRALIA	AXM31	CONTINUOUS
2813	NORTHWOOD 1, ENGLAND	GVA1	1630-0730
2815	MOSCOW 1, U.S.S.R.		1530-0510
3242	BOSTON, MASS.	NMF	0530-0615
3251	IQALUIT, N.W.T. CANADA	VFF	JUL 1-OCT 15
3251	FT. DE FRANCE, MARTINIQUE	FFP	VARIOUS
3280	TASHKENT 2, U.S.S.R.		CONTINUOUS
3289	BRACKNELL 1, ENGLAND	CFA21	CONTINUOUS
3357	NORFOLK, VIRGINIA	NAM	CONTINUOUS
3365	TOKYO 2, JAPAN	JMJ	VARIOUS
3377	ANKARA, TURKEY	YMA20	1600-0540
3377	GUAM 2, M.I.	NPN	1000-2129
3436	NORTHWOOD 1, ENGLAND	GZZ6	VARIOUS
3560	JEDDAH, SAUDI ARABIA	HZN	0000-2400
3622	TOKYO 1, JAPAN	JMH	VARIOUS
3675	NOVOSIBIRSK 2, U.S.S.R.		CONTINUOUS
3690	TASHKENT 1, U.S.S.R.		1300-0130
3855	OFFENBACH (MAIN) F.G.R.	DDH3	0600-2300
3865	ULAN-BATOR, MONGOLIA		VARIOUS
3875	MOSCOW 1, U.S.S.R.		1700-0510
4014	PRETORIA, SOUTH AFRICA	ZRO5	CONTINUOUS
4037	NORRKOPING, SWEDEN	SMA4	CONTINUOUS
4055	MURMANSK, U.S.S.R.		CONTINUOUS

4223	LEWES, DELAWARE	KWX	VARIOUS
4228	VALPARAISO, CHILE	CBV	CONTINUOUS
4236	COM. NUNES RIBEIRO, PORT.	CTV4	2000-1100
4247	NORTHWOOD 1, ENGLAND	GZZ2	CONTINUOUS
4268	ESQUIMALT, BRIT. COLUMBIA	CKN	CONTINUOUS
4270	AMDERMA, U.S.S.R.		CONTINUOUS
4271	HALIFAX, NOVA SCOTIA	CHF	CONTINUOUS
4298	KODIAK, ALASKA	NOJ	VARIOUS
4346	SAN FRANCISCO, CALIF.	NMC	NIGHT
4365	TASHKENT 1, U.S.S.R.		CONTINUOUS
4445	NOVOSIBIRSK 1, U.S.S.R.		CONTINUOUS
4475	NOVOSIBIRSK 2, U.S.S.R.		1425-0245
4516	KHABAROVSK, U.S.S.R.		CONTINUOUS
4526	CAIRO 1, EGYPT	SUU36	CONTINUOUS
4610	BRACKNELL 1, ENGLAND	CFA22	1800-0600
4704	ROTA, SPAIN	AOK	1800-0600
4766	SANTIAGO, CHILE	CCS	CONTINUOUS
4777	ROME, ITALY	IMB51	CONTINUOUS
4782	BRACKNELL 2, ENGLAND	CFE21	CONTINUOUS
4855	PEARL HARBOR, HAWAII	NPM	CONTINUOUS
4965	MURMANSK, U.S.S.R.		1900-0600
4965	GUAM 2, M.I.	NPN	CONTINUOUS
4965	GUAM 1, M.I.	NPN	CONTINUOUS
4993	NEW DELHI, INDIA	ATA55	1430-0230
5013	MOBILE, ALABAMA	WLO	CONTINUOUS
5090	TASHKENT 2, U.S.S.R.		CONTINUOUS
5093	SOFIA, BULGARIA	LZJ2	CONTINUOUS
5100	MELBOURNE, AUSTRALIA	AXM32	CONTINUOUS
5150	MOSCOW 2, U.S.S.R.		CONTINUOUS
5185	BUENOS AIRES, ARGENTINA	LRO69	CONTINUOUS
5260	GUAM 2, M.I.	NPN	CONTINUOUS
5260	GUAM 1, M.I.	NPN	CONTINUOUS
5285	TASHKENT 2, U.S.S.R.		CONTINUOUS
5302	CENT. METRO. ANTARTICO	LFB	1530 & 2130
5355	MOSCOW 1, U.S.S.R.		CONTINUOUS
5405	TOKYO 2, JAPAN	JMJ2	VARIOUS
5450	JEDDAH, SAUDI ARABIA	HZN	1800-0500
5525	BEIJING, CHINA	BAF6	VARIOUS
5755	DARWIN, AUSTRALIA	AX132	2300-1100
5765	NOVOSIBIRSK 1, U.S.S.R.		CONTINUOUS
5785	ROTA, SPAIN	AOK	CONTINUOUS
5800	BELGRADE, YUGOSLAVIA	YZZ1	VARIOUS
5807	WELLINGTON, NEW ZEALAND	ZKLF	CONTINUOUS
5850	COPENHAGEN, DENMARK	OXT	VARIOUS
5890	TASHKENT 1, U.S.S.R.		CONTINUOUS
5898	ROGERS CITY, MICHIGAN	WLC	1030-2230E
6330	HALIFAX, NOVA SCOTIA	CHF	CONTINUOUS
6380	AMDERMA, U.S.S.R.		1800-0300
6418	SANTIAGO, CHILE		NIGHT
6436	NORTHWOOD 1, ENGLAND	GYJ3	CONTINUOUS
6466	ESQUIMALT, BRIT. COLUMBIA	CKN	CONTINUOUS
6765	BANGKOK, THAILAND	HSW69	VARIOUS
6785	MOLODEZHNYA, ANTARCTICA		1730-1745
6790	ANKARA, TURKEY	YMA20	0540-1600
6901	NORRKOPING, SWEDEN	SMA6	CONTINUOUS
7305	TOKYO 1, JAPAN	JMH2	VARIOUS
7395	BANGKOK, THAILAND	HSW64	VARIOUS

7403	NEW DELHI, INDIA	ATP57	CONTINUOUS
7475	KHABAROVSK, U.S.S.R.		CONTINUOUS
7508	PRETORIA, SOUTH AFRICA	ZRO2	CONTINUOUS
7530	BOSTON, MASS.	NMF	1730-1815
7535	DARWIN, AUSTRALIA	AX133	2300-1100
7570	TASHKENT 1, U.S.S.R.		0130-1300
7580	GUAM 2, M.I.	NPN	1400-0059
7670	MOSCOW 2, U.S.S.R.		CONTINUOUS
7708	FT. DE FRANCE, MARTINIQUE	FFP	VARIOUS
7708	IQUALUIT, N.W.T. CANADA	VFF	JUL 1-OCT 15
7750	MOSCOW 1, U.S.S.R.		CONTINUOUS
7880	OFFENBACH (MAIN) F.G.R.	DDH3	CONTINUOUS
8018	HELSINKI, FINLAND	OFA83	VARIOUS
8040	BRACKNELL 1, ENGLAND	CFA23	CONTINUOUS
8077	NORRKOPING, SWEDEN	SMA8	CONTINUOUS
8080	NORFORK, VIRGINIA	NAM	CONTINUOUS
8120	BEIJING, CHINA	BAF36	VARIOUS
8146	ROME, ITALY	IMB55	CONTINUOUS
8176	S DENIS/CHAUDRON, REUNION	HXP	VARIOUS
8334	NORTHWOOD 2, ENGLAND		0200-0700
8454	ATHENS, GREECE	SVG4	VARIOUS
8459	KODIAK, ALASKA	NOJ	VARIOUS
8463	AMDERMA, U.S.S.R.		0300-1800
8494	PEARL HARBOR, HAWAII	NPM	CONTINUOUS
8494	NORTHWOOD 1, ENGLAND	GZZ40	CONTINUOUS
8527	COM. NUNES RIBEIRO, PORT.	CTW8	CONTINUOUS
8594	SANTIAGO, CHILE		CONTINUOUS
8677	VALPARAISO, CHILE		CONTINUOUS
8682	SAN FRANCISCO, CALIF.	NMC	CONTINUOUS
9043	NAIROBI 1, KENYA	5YE1	CONTINUOUS
9060	NOVOSIBIRSK 2, U.S.S.R.		CONTINUOUS
9090	PEARL HARBOR, HAWAII	NPM	CONTINUOUS
9150	TASHKENT 2, U.S.S.R.		CONTINUOUS
9150	ULAN-BATOR, MONGOLIA		VARIOUS
9203	BRACKNELL 2, ENGLAND	CFE22	CONTINUOUS
9220	NOVOSIBIRSK 1, U.S.S.R.		CONTINUOUS
9230	KHABAROVSK, U.S.S.R.		CONTINUOUS
9280	MOLODEZHNYAYA, ANTARCTICA		0845-2345
9340	TASHKENT 1, U.S.S.R.		CONTINUOUS
9360	COPENHAGEN, DENMARK	OXT	VARIOUS
9365	CAIRO 2, EGYPT	SUU25	1900-0700
9382	ROTA, SPAIN	AOK	CONTINUOUS
9396	PEARL HARBOR, HAWAII	NPM	CONTINUOUS
9438	TOKYO 2, JAPAN	JMJ3	VARIOUS
9459	WELLINGTON, NEW ZEALAND	ZKLF	CONTINUOUS
9498	GUAM 2, M.I.	NPN	1000-2159
9875	ROTA, SPAIN	AOK	ON REQUEST
9970	TOKYO 1, JAPAN	JMH3	VARIOUS
9982	HONOLULU, HAWAII	KVM70	2335-0112
10105	NEW DELHI, INDIA	ATE60	CONTINUOUS
10115	BEIJING, CHINA	BAF4	VARIOUS
10123	CAIRO 1, EGYPT	SUU2	CONTINUOUS
10130	MURMANSK, U.S.S.R.		0600-1900
10185	ULAN-BATOR, MONGOLIA		VARIOUS
10225	BRASILIA, BRASIL	PPN9	VARIOUS
10230	MOSCOW 2, U.S.S.R.		CONTINUOUS
10255	GUAM 1, M.I.	NPN	CONTINUOUS

10255	GUAM 2, M.I.	NPN	CONTINUOUS
10294	JEDDAH, SAUDI ARABIA	HZN	0500-1800
10536	HALIFAX, NOVA SCOTIA	CHF	CONTINUOUS
10555	DARWIN, AUSTRALIA	AX134	CONTINUOUS
19860	GUAM 1, M.I.	NPN	CONTINUOUS
19860	GUAM 2, M.I.	NPN	CONTINUOUS
20015	NORFORK, VIRGINIA	NAM	1200-2100
20300	GUAM 2, M.I.	NPN	0100-1359
21837	PEARL HARBOR, HAWAII	NPM	1700-0630
22071	SANTIAGO, CHILE		CONTINUOUS
22324	GUAM 1, M.I.	NPN	CONTINUOUS
22324	GUAM 2, M.I.	NPN	CONTINUOUS
22527	SAN FRANCISCO, CALIF.	NMC	DAY
22826	NAIROBI 2, KENYA	5YE7	CONTINUOUS
22865	GUAM 2, M.I.	NPN	2200-0959
23010	GUAM 2, M.I.	NPN	CONTINUOUS
23331	HONOLULU, HAWAII	KVM70	1755-1929
23522	TOKYO 1, JAPAN	JMH6	VARIOUS

That's it for this month. Please remember to send me your loggings. Have a good one and see you next month.

UTILITY NOTES

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LAST WINTER STORM PROVIDES DRAMATIC SAR ACTIVITY

By Richard Baker

SAR Operation Underway for Crew of F-14 Tomcat
 VIRGINIA BEACH, VA (NNS) -- Search and rescue operations are continuing for the third day off the coast of North Carolina for the missing two-man aircrew of a Navy F-14 Tomcat. Wreckage from the F-14 was spotted by a search and rescue helicopter at 4:05 p.m. (EST) March 15 in the Atlantic Ocean, 20 miles east of Nags Head, N.C.

The missing aviators are LT William E. Daisley, 27, from Port Allegany, Pa., and LCDR Fred D. Dillingham, 43, of Virginia Beach, Va. Daisley is assigned to Attack Squadron 34 (VA-34) and Dillingham, a radar intercept officer, is assigned to the staff of Fighter Wing One. Daisley, an A-6 pilot and squadron Landing Signal Officer (LSO), was conducting an F-14 familiarization flight as part of his LSO training.

The aircraft, assigned to Fighter Squadron 101 (VF-101), took off from NAS Oceana at 10:15 a.m., March 15 and was on a routine two-hour training flight.

When the F-14 failed to return at its scheduled time of 12:15 p.m., Navy and Coast Guard aircraft started search and rescue operations.

Today (March 17), six Navy and Coast Guard aircraft along with

USS Mississippi (CGN 40) and Coast Guard Cutter Aquidneck are on scene searching within an area bounded by Cape Charles, Va., to the north; the Oregon Inlet, S.C., to the south; and 15 miles off the east coast to 120 miles.

Story by COMNAVAIRLANT Public Affairs

This was the only news item I could find relating to one of the most massive SAR (Search and Rescue) cases I've ever heard. In fact, one of two of the most dramatic.

The last major winter storm had just pounding the east coast. Here in Ohio, as in other parts of the country, it was the worst blizzard in ten years or more. So, being stuck in the house, I started checking some of the more popular "storm" frequencies. The first comms I picked up were on 2670 Khz, USCG's schedule marine broadcast and comms with non-Coast Guard vessels channel. At 0013 UTC, the USS Oliver Hazard Perry (FFG-7), NOHP, was in comms with USCG Group Key West, NOK, about a SAR case. The Coast Guard air frequencies (5692, 5696 and 8984 Khz) were steady in air traffic, with no less than 7 CG aircraft giving flight status's to various CommSta's. At 0340 on 6501/6200 Khz (USCG 6 Megs SCN) the Cutter Dependable (WMEC-626), NOWK, was in comms with CommSta Portsmouth, NMN, for an ETA in a tug for a distressed vessel. By 0431 UTC, things were getting much more active with Rescue 1717 (HC-130) in a phone patch to Miami Op's reporting Rescue 1431 was already "hoisting" 2 PIW (Persons in water); Rescue 2122 was investigating a vessel associated with a EPIRB (Electronic Position Indicating Radio Beacon) activation, and he had "many" strobes in the water that could be other life rafts. 1717 requested immediate helo & surface assistance.

At 0444, Air Station (AirSta) Clearwater, NOF, made a rare HF appearance to go direct with 1717 to advise the 6516 (HH-65) from Miami, and the 1493 (HH-3F) from Cape Cod would be en-route. This high volume of air traffic went on till after 0700 UTC.

The next day, the storm was moving north into Canada, so I started plugging in some extra frequencies. At 2350 UTC on 5718 Khz, CanForces SAR, Rescue 102 was report normal flight op's to Halifax Military, CZW. Then at 0305, the 102 aircraft made a phone patch to RCC (Rescue Co-ordination Center). 102 reported that the M/V Gold Bond Conveyor was at a 18 degree port list, and that it was a "dangerous" situation. RCC replied help was being tasked.

At 0355, 102 reported the vessel now at a 23 degree port list. Then just 24 minutes later, at 0419, 102 requested another phone patch to RCC. The pitch of the radio operators voice got my attention. Being a former police dispatcher, I had heard it before. This was confirmed when 102 reported the crew was abandoning ship at this time. Either Halifax or RCC could be heard repeating this to someone in the background. All knew what this meant. Going into the Atlantic Ocean during winter, even in a raft, is a last resort. The time one can be exposed is very little. RCC requested confirmation, 102 advised that their abandoning ship, "they're all going overboard". The vessel had declared a "mayday" after being struck by a large wave. 102 further reported they were unable to tell if the crew made it to lifeboats or not, and that the British

M/V Havkong was in the area to assist.

Nine minutes later, 102 reported the "vessel is now completely submerged"; that they had dropped flares to illuminate the area; and that the M/V Havkong was on top of the Gold Bond Conveyors position with lights on and lookouts manned, but neither could see anything.

You could almost feel the sense of helplessness.

Later, CNN showed film of the vessel rolling over, all 35 souls on board were lost.

This sad event led into the next. For all the flurry of activity I had monitored so far, it was nothing compared to what was to come. I started hearing comms at 2113 UTC that night on the USCG air frequency 8984 Khz.

Rescue 1501 was in a phone patch to District 5 RCC reporting that a wing and fuselage had been recovered, and confirmed it was aircraft 101. RCC advised the USS Philippine Sea was close and would be assisting. Shortly after, I found out this was a SAR for the crew of a Navy F-14 that had been overdue, and had crashed some 50 miles off the Virginia coast. Almost every frequency was "grid locked" with comms.

The search went on for 3 days, and involved dozens of USCG, USAF, and USN aircraft. The HMCS Halifax, USS Philippine Sea, USS Shreveport, and USS Mississippi were naval ships involved. The Coast Guard had at least the USCGC Point Arena (WPB-82346), NJXT, and USCGC Aquidneck (WPB-1309), NBTC.

Several Coast Guard HC-130's were rotated as on scene commanders, then the Shreveport, and finally, the USS Mississippi. One HC-130 reported "many helicopters in area" and that on scene air control was being run by Gray Hawk 012, a USN E2C. On another handoff to an arriving HC-130, the departing aircraft warned "many planes, many ships in area, lot's of F-14's buzzing around". In fact, the USN safety of air frequency, 8972 Khz, was almost constant air traffic, as were the USCG air frequencies.

Another HC-130 was directed by RCC to climb to 2000' and start a flare search. The pilot stated he could not climb above 1500' "due to traffic overhead", and that the on scene E2C had advised him to stay at 1500' due to F-14's in the area. RCC wanted to know if the F-14's were over flights, as they were not suppose to be in the area. After a pause, the HC-130 pilot reported "if you ask them, they're just flying over, but as they are being controlled by the E2C, I would imagine they're trying to help". He then added "they're a pretty tight bunch". The two crewmen were not found.

The sheer amount of air traffic this SAR generated was such that I've never heard anything like it, being a veteran of many storm season's. To list all the aircraft involved that were logged would take more space than my hard drive has left. But the main frequencies I found were:

2670 USCG, 4426/4134 USCG, 5320 USCG, 5692 USCG,
5696 USCG, 5718 CanForces, 6501/6200 USCG,
8764/8240 USCG, 8972 USN, 8984 USCG, 9006 CanForces,
11201 USCG, 11233 CanForces, 13089/12242 USCG.

To all of these professionals, who risked so much, and performed countless acts of heroism, my hats off to them. Although these acts were remotely reported in the press, I and others know what occurred. Many souls were saved, at least 37 were lost. We know all tried the best they could. We know because we're shortwave radio listeners, some of the best informed people in the world.

UNITED KINGDOM COLOR CODED WEATHER CONDITIONS

Have you ever heard the RAF weather broadcasts and wonder what the colors mean? Well here they are:

BASE OF LOWEST CLOUD		
COLOR	LAYER OF 3/8 OR MORE	SURFACE VISIBILITY
BLUE	2500 Ft AGL	8 km (4.3 nm)
WHITE	1500 Ft AGL	5 km (2.7 nm)
GREEN	700 Ft AGL	3.7 km (2 nm)
YELLOW*	300 Ft AGL	1.8 km (1 nm)
AMBER	200 Ft AGL	0.9 km (0.5 nm)
RED	Below 200 Ft AGL	Less than 0.9 km (0.5 nm)
BLACK	Airfield not usable for other reasons than cloud and/or visibility minima.	

BLACK when used, will precede weather color code.

NOTE*

It is common at RN airfields to sub-divide code Yellow as follows:

YELLOW 1	500 Ft AGL	2.5 km (1.4 nm)
YELLOW 2	300 Ft AGL	1.8 km (1 nm)

At RAF airfields under the control of HQ 11 Gp code Yellow is sub-divided as follows:

YELLOW 1	500 Ft AGL	3.7 km (2 nm)
YELLOW 2	300 Ft AGL	1.8 km (2 nm)

This is from a book, "DOD Flight Information Publication (Enroute)" I recieved through a company in Maine.

The name of the company is Aerial Development of New England, P.O. Box 661, Bangor, ME 04402-0661 (207) 945-3961. They offer a list of alike handbooks, which are all the "Real McCoy", either new or surplus is available. Prices are very reasonable, and the service was excellent. They also have a selection of air enrout maps.

The info contained in these books is too much to absorb in a few days. There's a LOT of info for UTE's here!

Some other handbooks of value: (they have more...)

Military Training Routes: Shows all IR "Race Track" numbers.

Global Flight Information Handbook: Includes a complete description of the USAF HF System, frequencies for USAF bases.

Canadian Forces Flight Supplement: Lists military and civilian airfields, frequencies, many with callsigns.

There's a LOT more in each book, I've been reading for 2 weeks! They offer quite a lot. So, if you're into monitoring either military or civilian aero frequencies, these books are something you want to check out. Tell 'em Speedx sent you!

Sorry for the short column this month, we'll be back with the official start of "Utility Notes".

SPEEDX members had this information over two months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the columns include:

THE DXperience: Focusing on notes, news, and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson.

SHORTWAVE TO GO!: A DX column with much DX news copied from the various DX shows, and compiled by Dale Vanderpoel via the SHORTWAVE PARADISE BBS in Fort Lauderdale, Florida USA. (Now featuring Sked Row)

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Bob Colyard

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utility DX loggings, frequency lists and schedules, edited by Mike Wolfson

UTILITY NOTES: News and information on the world of utilities,
edited by Rick Baker

SPEEDX AWARDS: A wide variety of awards are available for members
DX'ing accomplishments, Harold Woering, Awards Chairman

If you would like to learn more about the SPEEDX radio club, (the
Society to Preserve the Engrossing Enjoyment of DX'ing), a non-profit
volunteer hobby organization founded in 1971, please write to Bob Thunberg
Business Manager, SPEEDX, P.O. Box 196, DuBois, Pennsylvania, U.S.A.,
15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the
Electronic Edition!

--

Rick Baker (ae411@yfn.ysu.edu)

Recorded live and direct from downtown Austintown, Ohio

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 2, No. 5 September, 1993 =====
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Edited by Richard Baker

Note: This Electronic Edition is from the June, 1993 SPEEDX member bulletin "Shortwave Radio Today". Speedx utility coverage consists of two columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike at:

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1842 Mifflin Ave.
Ashland, Ohio 44805

UTILITY NOTES: Edited by Richard "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself at:

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UTILITIES

Utility Logging's, Schedules, and Frequencies

Edited by Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

AERO

- 5505 Shannon Aeradio: Volmet Ireland 0136 4/14 USB fair (wx report for European cities, thunderstorm QRN) (Ross, Ont.)
5700 MacDill AFB: USAF US 0610 US wkg no id stn on poss duplex setup) (Baker, Oh.)
5718 Victoria Search: 0340 USB (wkg Rescue 111, then Res 456 re no id SAR) (Baker, Oh.)
6676 Sydney Aeroradio: Volmet Australia 0800 USB (id, wx for Sydney, Perth, others) (Baker, Oh.); VLS: Volmet Sydney Australia 1433 4/27 USB good (av wx, ID) (Thompson, Ca.)
6679 Honolulu Aeroradio: Volmet Hi US 0805 USB (w/aviation wx SF, LA, Seattle, others, w/ID) (Baker, Oh.); KVM70: Volmet Honolulu Hi US 1435 4/27 USB fair (av wx for WCNA) (Thompson, Ca.)
6683 AF2: Air Force 2 0503 USB (wkg Andy, pp to Crown, re advance team) (Baker, Oh.); AF1: Air Force 1 1648 USB (wkg Andrews AFB pp, Crown re advance office details at Little Rock) (Baker, Oh.)

6697 Habitat NAS: Moffet Field, Ca. US 0320 USB (wkg"04", then I4X clg B7H) (Baker, Oh.)

6715 Buffalo 78: 0540 USB (clg Moffet Rescue) (Baker, Oh.)

6730 Sky Slope: 0312 USB (clg Moon Dust, Mud Bear w/Sky Slope, radio test) (Baker, Oh.)

6738 Lajes Global: USAF GCCS 0423 USB (wkg Reach 40645, pp Ramstein AFB Op's) (Baker, Oh.); Thule GHFC: Greenland 0802 USB (clg Navy RX489, RX489 clg Thule, could not hear other) (Baker, Oh.)

8861 Dakar ATC: Senegal 0150 4/14 USB fair (wkg KLM 790 (flight data, SELCAL "DJBG")) (Ross, Ont.)

8879 Dar-es-Salaam ATC: Tanzania 2314 3/23 USB fair (wkg Beira Mozambique ATC w/flight data) (Ross, Ont.); Dar-es-Salaam ATC: 0251 3/24 USB fair (wkg Aeroflot 3985, flight level 37,000, SELCAL "RAHP")

8903 N'djamena ATC: Chad 0035 3/22 USB fair (wkg Speedbird 57, flight level 33,000) (Ross, Ont.); Luanda ATC: Angola 0233 4/11 USB fair (flight data) (Ross, Ont.); Niamey ATC: Niger 0043 4/21 fair (Flight data) (Ross, Ont.)

8894 Algiers ATC: Algeria 0056 3/22 USB fair (wkg Speedbird 074, estimated NSL at 0155, SELCAL "EFDL") (Ross, Ont.)

8903 Niamey ATC: Niger 0055 3/22 USB fair (wkg Speedbird 074, QSYed to 8894 to contact Algiers) (Ross, Ont.)

8951 Tokyo ACC: Japan 1452 4/27 USB fair (wkg Express 014/012) (Thompson, Ca.)

8970 Anderson AFB: USAF 1457 4/27 USB good (coded message) (Thompson, Ca.)

9006 Tiger 305: 1930 USB (clg Trenton Military) (Baker, Oh.)

11176 Ascension AFB: Ascension Island 0246 4/2 USB good (wkg SAM 681 w/pp to Andrews AFB) (Ross, Ont.); GCCS: 1628 USB (radio check w/Allbrook field Panama) (Bellovich, Fl.); AFE8: USAF McDill AFB Fl. US 0351 4/29 USB fair (wkg MacClellan re spare parts) (Thompson, Ca.)

11201 NMF: USCG CommSta Boston 1912 USB (w/Rankon Avionics, for radio ck) (Baker, Oh.)

11205 NASA: ARIA 7 1715 USB (w/ARIA 1 (Advanced Range Instrumentation A/C), adv 1st motion time was 17:14:36) (Baker, Oh.)

11306 Lima Radio: LDOC Peru 0046 USB (wkg American flight, SELCAL "JKLR", United 63) (Baker, Oh.)

12267 EQPP: NO ID 2041 (clg Apia Radio) (Baker, Oh.)

11300 Entebbe ATC: Uganda 0205 4/2 USB fair (wkg Cairo ATC w/flight data) (Ross, Ont.)

11460 Andrews AFB: US 2053 4/20 LSB fair (wkg Zero One) (Ross, Ont.)

13306 New York ATC: US 2127 3/14 USB good (wkg Reach 8 Romeo Hotel, destination Bermuda w/rpt of hole in windshield, no emergency, descending from 20,000 to 18,000, to 10,000 ft., air speed of 300 knots, position rpt of 36 d 07 m North 55 d 45 m West, via tip from ODXA member Barry Williams) (Ross, Ont.)

13282 KVM70: Volmet Honolulu Hi US 1853 4/29 USB fair (av wx, ID) (Thompson, Ca.)

15015 Reach 32741: USAF GCCS 1903 USB (wkg Ascension Global pp, Hilda Meteo) (Baker, Oh.)

17975 Offutt GHFC: USAF SAC 2228 USB (w/Sky King EAM.//11176//8967) (Baker, Oh.)

20390 Ascension Radio: Ascension Island 3/25 USB fair to good (wkg RIOT 2 (C-141) inbound to Ascension, ETA 0100, advised to keep mess hall open, departed Antigua 1925, message passed to Cape Radio, secondary daytime NASA freq., primary freq. 10780) (Ross, Ont.)

21946 Speedbird 225: 1722 4/11 USB fair (calling Speedbird London-no reply) (Ross, Ont.)

5908 BMB: Taipei Taiwan 1506 4/27 CW (coded wx) (Blair, Ca.) (welcome Art-MW)
 6397 JMC: CQ Marker Tokyo Japan 1418 4/27 CW fair (CQ de JMC loop) (Thompson, Ca.)
 6430(v) VIB: CQ Marker Brisbane Australia 1250 4/27 CW good (CQ VIB 2/3/4/5/6 loop) (Thompson, Ca.)
 6432 DZZ: Manila Phippines 1452 4/27 CW (de DZZ QRA) (Blair, Ca.)
 6463.5 VIA: V Marker Adelaide Australia 1258 4/27 CW poor (VVV VIA 3 K loop, QRM w/FUM) (Thompson, Ca.)
 8421.5 9AR: Rijeka Croatia 0230 5/6 CW (9AR marker) (Blair, Ca.)
 8445 PKC: Palembang Indonesia 1321 4/25 CW (CQ de PKC) (Blair, Ca.)
 8487 XSG: Shanghai China 1359 4/25 CW (CQ de XSG) (Blair, Ca.)
 8502 XSG3: CQ Marker Shanghai China 1557 4/29 CW good (CQ XSG loop) (Thompson, Ca.)
 8511 XSW2: CQ Marker Taichung Taiwan 1615 4/27 CW poor (CQ de XSW2 QSX loop) (Thompson, Ca.); XSW2: Kaoshiung Taiwan 1351 4/25 CW (CQ de XSG2 QSX) (Blair, Ca.)
 8526 JMC4: Tokyo Japan 1519 4/24 CW (coded wx) (Blair, Ca.)
 8577 HLO: Seoul S. Korea 1438 4/25 CW (CQ de HLO) (Blair, Ca.)
 10200 MKK: London UK 0100 4/26 ISB 454 (QUICK BROWN FOX tape) (Card, R.I.)
 10220 MKD: Meteo Akrotiri Cyprus 0100 4/22 ISB 454 (QUICK BROWN FOX tape) (Card, R.I.)
 10855 GXQ: London UK 0000 4/27 ISB 555 (QUICK BROWN FOX tape) (Card, R.I.)
 12583 HPP: Panama 0421 5/5 CW (HPP maritex) (Blair, Ca.)
 12700 XSQ: Guangzhou China 1515 4/26 CW (CQ de XSQ) (Blair, Ca.)
 12923 HLW2: CQ Marker Seoul S. Korea 1720 4/27 CW fair (CQ de HLW2 QSX loop) (Thompson, Ca.)
 12935 HLG: CQ Marker Seoul S. Korea 1722 4/27 CW fair (CQ de HLG QSX loop) (Thompson, Ca.)
 16966.5 9VG58: CQ Marker Shanghai China 1607 4/29 CW poor (CQ de 9VG58 loop) (Thompson, Ca.)
 16976 NMN: CQ Marker USCG Portsmouth Va. US 1603 4/29 CW good (CQ de NMN w/hrs/freqs) (Thompson, Ca.)
 17096 YPS-80: Time Signal Hong Kong Royal Observatory 2355 4/11 CW 322 (Fanderys, Oh.)
 17146 NRV: CQ Marker USCG Barrigada Guam 1734 4/29 CW good (CQ de NRV QRU? QSP AMVER QSX 8/16 MHZ CH 3/4/7 QRV? de NRV3 K loop) (Thompson, Ca.)
 17230(v) 9VG58: CQ Marker Shanghai China 1747 4/19 CW poor (CQ de 9VG58 loop) (Thompson, Ca.)

MARINE

2670 NMR1: USCG Greater Antilles Section 0312 USB ("CG San Juan", PR, w/warnings of naval firing excercises & notice to mariners) (Baker, OH)
 2670 NMB: USCG Charleston SC US 0420 USB (wx, NTM's) (Baker, Oh)
 2716 AUTUC: Harvey Ranger 0403 USB (Autuc Op's-Atlantic Underwater Test & Evaluation Center re 2400 (local) position ck) (Baker, Oh)
 3120 Cape Radio: 0426 USB (Comms ck's, King 1, USS Underwood (FFG-36), NGWU, and P-O-B-T"(?) prior to launch of STS-56) (Baker, Oh.)
 3187 THI-705: Liberty Star 0325 USB (NASA Booster recovery ship w/Cape Radio, then "BRD", Booster Recovery Director, re no id ship in area, unable to hail by radio. Was in support of STS-56) (Baker, Oh)
 4384 ELGH6: Regal Princess 0236 USB (4384/4092, wkg WOO for R/T tfc.) (Baker, Oh.)
 4387 WOO: AT&T Station NJ US 0400 USB (w/traffic list) (Baker, Oh)
 4402 C6CP: Viking Serenade 0422 USB (4402/4110, wkg KMI for R/T tfc) (Baker, Oh.)
 4405 ELGH6: Regal Princess 0405 USB (4405/4113, wkg WOM for R/T tfc) (Baker,

Oh.)

4408 VCS: CCG Halifax Radio Canada 0205 USB (w/marine synopsis for the maritime//6513//8785) (Baker,Oh.)

4410 WLO: 0800 USB (traffic list) (Baker, Oh.)

4411 WAP8301: Canadian Commander 0531 USB (4411/4119, wkg WLO for R/T tfc) (Baker, Oh.)

4426 NRPZ: USCGC Papaw (WLB-308) 0434 USB (4426/4134, w/NMG, re RTTY freq 3209) (Baker, Oh.)

5180 Freedom Star: 0806 USB (w/no id station) (Baker, Oh.); THI-705: Liberty Star 0310 USB (NASA booster recovery ship w/Cape Radio, then "BRD") (Baker, Oh.)

5190 NGWU: USS Underwood (FFG-36) 0552 USB (clg Cape 1, Cape Radio, in support of STS-56) (Baker, Oh.)

5320 NMK: Cape May USCG Station 0006 USB (clg USCGC Hornbeam) (Baker, Oh.)

5320 NMG: CommSta New Orleans 1447 USB (w/USCGC Cushing (WPB-1321), NOFR, pp, D-8 Op's) (Baker, Oh.)

5692 NOT: USCG Traverse City Air Mi. US 0046 USB (wkg CG 6010 for op's normal) (Baker, Oh.)

5696 NOR: USCG Grp San Diego Ca. US 0229 USB (wkg USCGC Citrus re no id SAR) (Baker, Oh.); NICB: USCGC Forward (WMEC-911) 0230 USB (wkg Res 1720 re a dead in water vessel) (Baker, Oh.); NRPQ: USCGC Citrus (WMEC-300) 0235 (wkg USCGC Point Stuart (WPB-82358) re same) (Baker, Oh.); NRPX: CAMSPAC San Francisco Cal. US0304 USB (wkg USCGC Buttonwood (WLB-306), Buttonwood) (Baker, Oh.); RAM 25: 0320 USB (calling"any CommSta" for rdo ck, Miami, NMA, answs) (Baker, Oh.)

6501 WZJG: American Astronaut 0233 USB (psg AMVER tfc to NMN) (Baker, Oh.); NMG: CommSta New Orleans US 0328 USB (6501/6200, wkg USCGC Padre (WPB-1328), NDCX re HF DL freq 6961.0) (Baker, Oh.); NMC: CAMSPAC San Francisco Ca. US 0523 USB (6501/6200, wkg V9V re chg in "zap 2" HF DL freq to 2610) (Baker, Oh.)

6513 NROS: USCGC Spencer (WMEC-905) 2309 USB (wkg NMF) (Baker, Oh.)

6686 Golf 1 XRAY: US Navy US 0000 3/15 USB (Operation ABLE MANNER- Haitian Refugee operation) (Ross, Ont.); USSCGC Couragous and USCGC Campbell: 1100 USB (wkg CGU re boarding of M/V Nautica (Braun, Va.) (Welcome Tim-MW)

7535 Norfolk Pierside: 1215 USB (clearing Norfolk SESEF-no reply) (Braun, Va.); USS John Paul Jones: 1118 USB (Testing all modes w/Norfolk SESEF) (Braun, Va.); Norfolk SESEF: Va. US 1510 USB (wkg u/i ship (weak) w/QSY 9050 & 12930(?)) (Baker, Oh.); NJFK: USS John F.Kennedy (CV-67) 1533 USB (wkg Norfolk SESEF for xmitr tests) (Baker, Oh.); USN Philadelphia Naval Ship Yard: Pa. US 1547 USB (w/Norfolk SESEF for radio test) (Baker, Oh.); NADH: USS Saturn (T-AFS-10) 1702 USB (wkg SESEF for xmitr tests) (Baker, Oh.); NO ID: 1747 USB (using tac call "In Port Navy Unit" testing xmitrs) (Baker, Oh.); NJSP: USS Scott (DDG-995) 1757 USB (w/Norfolk SESEF) (Baker, Oh.)

7536 Alpha 55: 1642 USB (w/Alpha 1 adv cleared to come up on deck, will need to start close to hanger, poss USN) (Baker, Oh.)

8240 NBNW: USCGC Sitkinak (WPB-1329) 0749 USB (8240/8764 w/NMG re RTTY freq) (Baker,Oh.); NRDC: USCGC Campbell (WMEC-909) 1400 USB (8240/8764, w/NMN for long count & QSY 13125 for pp) (Baker, Oh.); NJPJ: USCGC Reliance (WMEC-615) 1538 USB (8240/8764, w/NMN re RTTY msg) (Baker, Oh.); NHNC: USCGC Harriet Lane (WMEC-903) 1558 USB (8240/8764, w/pp thru NMN to USCGC Cowslip (WLB-277)) (Baker, Oh.); NRCB: USCGC Eagle (WIX-327) 1843 USB (8240/8764, CG training "tall" ship, w/NMF) (Baker, Oh.); NROS: USCGC Spencer (WMEC-905) 1856 USB (8240/8764, w/NMN re mail for cutter at Cape Cod) (Baker, Oh.)

8719 USS Dauntless: 1230 USB (wkg Miami regarding M/V Barbara) (Braun, Va.);

NKXR: USS Powhatan (T-ATF-166) 0021 USB (clg CONSUPRON 8 (Little Creek, VA) (Baker, Oh.); NXSF: USS Edenton (ATS-1) 1527 USB (clg COMSUPRON 8 to 1534, then w/USS Hoist (ARS-40), NTWX for radio ck) (Baker, Oh.); NTWX: USS Hoist (ARS-40) 1949 USB (w/CONSUPRON 8) (Baker, Oh.); NADQ: USS Grasp (ARS-51), NADQ clg COMSUPRON 8, then "any sta this net" (Baker, Oh.)

8722 SVN: Athens Greece 0125 USB (w/ch marker, YL/Greek) (Baker, Oh.); DTUU: Po Kang 11(?) 0440 USB (8722/8198, wkg WOM for pp to Korea)(Baker, Oh.)

8731 ELBM9: Tropicali, 0249 USB (8731/8207, wkg WOM w/R/T tfc) (Baker, Oh.); PJCH: Nieuw Amsterdam 0431 USB (8731/8207, wkg WOM w/R/T tfc) (Baker, Oh.)

8740 Dreamward: 2051 USB (8740/8216, concluding tfc w/WOO) (Baker, Oh.)

8743 KMI: 0440 USB (8743/8219, wkg u/i ves DTFA for R/T tfc) (Baker, Oh.)

8746 Odessy: 0415 USB (8746/8222, wkg WOM for R/T tfc) (Baker, Oh.)

8749 TAN: Istanbul Radio Turkey 0320 USB (8749/8225, wkg ves Hyundai for R/T tfc) (Baker, Oh.); TAN: Istanbul Radio Turkey 0407 USB (8749/8225 u/i ves wkg Istanbul Radio, ves had been clg "Istanbul Radio" on 8225) (Baker, Oh.)

8758 ELOV5: Venus 0150 USB (8758/8234, wkg WOM for R/T tfc holding for ship) (Baker, Oh.); NRDW: USS DeWert (FFG-45) 0239 USB (wkg WOM for attempted R/T call. QSY ch. 810/412) (Baker, Oh.); S.S. Ocean Breeze: 0308 USB (R/T call w/WOM) (Baker, Oh.); LNVP3: Song of Norway 0319 USB (8758/8207, R/T tfc w/WOM) (Baker, Oh.)

8764 NMG: COMMSTA New Orleans La. US 0310 USB (8764/8240, u/i Clevron(?) Air re contact w/distressed ves on VHF, adv of number of SS spking F/V likely will assist in area) (Baker, Oh.); NKVQ: CommSta New Orleans La. US 0534 USB (8764/8240, w/USCGC Nantucket (WPB-1316), re HFDL freq) (Baker, Oh.); NMC: CAMSPAC San Francisco Cal. US 0611 USB (8240/8764, wkg N6G on 8240 re "CARTT" secure FRTT freq 9125) (Baker, Oh.)

8782 PJCH: M/S Nieuw Amsterdam 0247 USB (8782/8258, wkg KMI w/R/T tfc) (Baker, Oh.); C6CN2: Westward 0505 USB (8782/8258 R/T tfc w/KMI) (Baker, Oh.)

8794 WLC: Rogers City Radio Mi US 1847 USB (wkg Kaye E. Barker and James R. Barker w/position and stores info) (Baker, Oh.); WLC: Rogers City Radio Mi US 2048 USB (giving MAYFOR b/cast for the Great Lakes to 2100) (Baker, Oh.)

8806 FFL41: St.Lys Radio, France 0304 USB (w/traffic list) (Baker, Oh.)

8809 Jupiter: 0204 USB (8809/8285 wkg WOM for R/T tfc) (Baker, Oh.); Dreamward: 0252 (8285/8809 wkg WOM for R/T tfc) (Baker, Oh.); ELNC5: Ecstasy 0305 USB (8285/8809 wkg WOM for R/T tfc) (Baker, Oh.); PJCO: Noordam 0337 USB (8809/8285 wkg WOM for R/T tfc) (Baker, Oh.); C6KP: Festivale 0357 USB (8809/8285 wkg WOM for R/T tfc) (Baker, Oh.)

8984 CG1716: Coast Guard US 1339 USB (HC-130 w/NMN, pp Miami Op's, re divert & ck report of poss sinking ves, also had EPIRB on 121.5) (Baker, Oh.); CG1716: Coast Guard US 1830 USB (HC-130 relaying to NMN, that Res 6575 (HH-65A) has lost electrical system, enrt to assist him, rept has sited "75", headed towards land) (Baker, Oh.)

11189 NO ID: 1220 USB (various ships'locations in Caribbean to 6RR) (Braun, Va.)

13089 NRPX: USCGC Buttonwood (WLB-306) 0238 USB (13089/12242 w/NMG re HFDL freq, can not go secure) (Baker, Oh.); NKVQ: USCGC Nantucket (WPB-1316) 1642 USB (w/NMG re FRTT msg) (Baker, Oh.); NICB: USCGC Forward, (WMEC-911) 1818 USB (13089/12242 wkg NMN, pp Dist. 2 Op's) (Baker, Oh.); BOAE: 1935 USB (13089/12242 wkg CAMSPAC San Francisco for SITOR freqs, 8424.3(Shore)/8384.3(Ship) given) (Baker, Oh.); NODP: USCGC Mariposa (WLB-397) 2259 USB (w/NMG re HFDL freq (9332)/Baker, Oh.)

13104 EHY: Madrid Radio Spain 1802 USB (traffic list) (Baker, Oh.)

13155 Y00: 1828 4/29 USB fair (wkg India 6 Sierra off Mexico) (Thompson, Ca.)

- 17242 WOM: Pennsuco Radio Fl. US 1700 USB (traffic list) (Baker, Oh.)
 17245 KMI: Dixon Radio San Francisco Ca. US 0225 USB (wkg Sun Young(?) 818) (Baker, Oh.); HMS Chaser: (P-282) 1552 USB (17245/16363 wkg Portishead (GKT62) for R/T tfc) (Baker, Oh.); GCDG: HMS Ark Royal (R-07) 1706 USB (17245/16363 wkg GKT62) (Baker, Oh.); GPBA: HMS Hecla (A-133) 1818 USB (17245/16363 wkg GKT62) (Baker, Oh.); GVUK: HMS Southampton (D-90) 1841 USB (17245/16363 wkg GKT62) (Baker, Oh.); GDKG: HMS Coventry (F-98) 1908 USB (17245/16363 wkg GKT62) (Baker, Oh.)
 17272 NSBR: Samuel B. Roberts (FFG-58) 1910 USB (17272/16390 wkg WOM for R/T tfc) (Baker, Oh.)

PHONE

- 2716 NO ID: 2300 USB (Cape Radio (?), relay of WWHL-1350 Cocoa Beach, Fl.) (Braun, Va.)
 3860.3 WA3NAN: Goddard Amateur Radio 0509 LSB (w/re-b/cast of launch of STS-56, w/lift-off at 0529) (Baker, Oh.)
 5726 NO ID: 0150 4/22 very good (time pips in synch with WWV, no ID, off at 0155) (Ross, Ont.) (the 8th edition of Farrell's CFL has McMurdo Base Antarctica on this frequency-MW)
 5310 3 Alpha 5: 0348 USB (passing msg to u/i station, unk U.S. Military) (Baker, Oh.)
 6798 NO ID: 1233 USB (2 men discussing comm links and switch to data channel) (Braun, Va.)
 6905 NO ID: 0234 USB (relay of "MIX-96" Tampa/St Petersburg, Fl.) (Braun, Va.)
 7600 HD2IOA: Time Signal Guayaquil Ecuador 049 4/2 444 (yl w/SS ann.) (Fanderys, Oh.)
 8188.5 NO ID: 1215 USB (Romeo wkg Foxtrot/Papa/Juliet w/ rx checks and interogation of tracks) (Braun, Va.) (Farrell's has 8188.0 listed as ship station 30-MW)
 10780 Cape Radio: 1235 USB (radio checks w/Fox 09, USS Thomas Gates, USS Doyle) (Braun, Va.)
 20192 NASA Mission Control Center: Houston Tx US 1741 4/9 LSB very good (wkg STS-56 through TDRS satellite , over India at time, // 7185) (Ross, Ont.)

RTTY/FAX

- 6324 WCC: Chatham Radio Ma. US 2250 4/17 SITOR B 555 (svc list, subscription info) (Card, R.I.)
 6496.4 CFH: Meteo Canada 0100 4/18 850/75 555 (wx w/code groups & text) (Card, R.I.)
 6835 GFL22: Meteo Brachnell UK 0020 4/18 400/50 (5 letter groups, 5 numbers) (Card, R.I.)
 7625.8 TZH: ASENCA Bamako Mali 2250 4/19 425/50 fair ("RYRY.. DE TZH" tape) (Ross, Ont.)
 8425 KLB: Seattle Wa. US 0235 5/6 SITOR B (traffic list) (Blair, Ca.)
 10216 HZN46: Meteo Jeddah Saudia Arabia 0045 4/22 800/100 454 (5 letter groups) (Card, R.I.)
 10757.4 CNM 39.1X: MAP Rabat Morocco 2038 4/21 400/50 good (MAP w/SS nx) (Ross, Ont.)
 10805 LOR: Buenos Aries Argentina 0110 4/27 850/75 454 (press releases,nx) (Card, R.I.)
 10980 RDD79: Meteo Moscow Russia 2345 4/27 FAX 576/90 444 (N. Pacific/Siberia) (Card, R.I.)
 12441.6 5YE: Nairobi Meteo Kenya 2059 4/2 850/75 fair ("RYRY.. DE 5YE" tape) (Ross, Ont.)
 12579 NRV: Barrigada Guam 1528 4/24 SITOR B (wx) (Blair, Ca.)
 12693 ZRQ5: Cape Town S. Africa 1507 4/26 170/75 (wx in Africaans) (Blair,Ca.)

12905.8 MTO: Royal Navy Rosyth Scotland 2218 4/19 850/75 good (2 number 1 letter groups w/ID tape) (Ross, Ont.)

13372.7 5YD: Nairobi Meteo Kenya 0112 4/29 230/50 good (RYRY DE 5YD tape) (Ross, Ont.)

13580 HMF36: KCNA Pyongyang N. Korea 2118 4/29 240/50 fair ("QRA DE HMF36/HMF52 FREQ 13580/11476 KHZ K.C.N.A. PYONGYANG") (Ross, Ont.)

13780 HMF35: KCNA Pyongyang N. Korea 1500 4/27 200/50 (EE nx) (Blair, Ca.)

14441.5 Many Callsigns: MARS different hours (many ships MARS stns) (Baker, Oh.)

14452 HMF57: KCNA Pyongyang N. Korea 1329 4/24 250/50 fair (ATCC w/FF nx) (Ross, Ont.)

14467.9 KRN: 1746 3/27 500/50 good (Cuban Embassy (?), "KRN KRN KRN 1/274 RYRY 4646" loop, 5 letter groups) (Ross, Ont.)

14824.5 CLP1: MFA Havana Cuba 2105 4/12 500/50 good (message to CLP22 Cuban Embassy Hanoi Vietnam) (Ross, Ont.)

14726 NO ID: 2227 3/11 500/75 very good (DFZG (?)) MFA Belgrade Serbia, 5 letter groups) (Ross, Ont.)

14859.5 CLP1: MFA Havana Cuba 2145 3/12 500/50 good (EE message) (Ross, Ont.)

15544 BZS25: XINHUA Beijing China 1513 4/29 425/75 (EE nx) (Blair, Ca.)

15633 HMF26: KCNA Pyongyang N. Korea 0424 4/27 200/50 (EE nx) (Blair, Ca.)

15655.1 NO ID: 1349 4/9 300/50 fair (EE nx) (Ross, Ont.) (Farrell's shows Morocco MAP CNM65 on 15655 at 400/50 w/EE news from 1200-1400-MW)

15827.7 NO ID: 2330 3/5 SITOR A 170/100 fair (SELCAL "QUXB", 5 letter groups, mentions of EDOMAYARTER and COPIA FUERNAVPA. CDO.) (Ross, Ont.)

16077.4 FDY: French Air Force Orleans France 0017 4/29 400/50 good (RYRY...TEST DE FDY...FDYFDY... Le BRICK...1234567890 0987654321" tape) (Ross, Ont.)

16117 6VK 317: Dakar Senegal 1253 4/9 300/50 fair (PANA African EE nx) (Ross, Ont.)

16136.1 BZR66: XINHUA Beijing China 1257 4/9 365/75 fair (EE nx) (Ross, Ont.)

16265 9VF206: ANSA Singapore 1642 4/26 850/50 (RYs etc.) (Blair, Ca.)

16806.5 NRV: Barrigada Guam 2330 5/3 SITOR B (wx) (Blair, Ca.)

16834.5 WNU: Slidell La. US 2215 4/23 SITOR B (wx) (Blair, Ca.)

18016.7 MFA: Cairo Egypt 1836 4/17 SITOR B 170/100 fair (ATU-80 AA traffic) (Ross, Ont.)

18055 DFZG: MFA Belgrade Yugoslavia 1417 4/24 400/75 fair (TANJUNG w/EE nx) (Ross, Ont.)

18173.4 STK: Khartoum Sudan 2248 4/28 850/50 ("RYRY DE STK" tape) (Ross, Ont.)

18195.6 CLP1: MFA Havana Cuba 2115 4/19 500/50 good (5 letter groups to Cuban Embassy Brazzaville Congo) (Ross, Ont.)

18741 CLP1: MFA Havana Cuba 2054 4/29 500/75 good (5 letter groups) (Ross, Ont.)

18891.8 CLP1: MFA Havana Cuba 2014 4/21 500/50 good (message to CLP28 Cuban Embassy Lusaka Zambia from Castro to Robert Mugabe w/thanks for congrats and good wishes re reelection as Pres of Cuba) (Ross, Ont.)

18895 CLP1: MFA Havana Cuba 2124 3/12 500/50 (SS telex to CLP44- Cuban Embassy Harare Zimbabwe) (Ross, Ont.)

18895.2 CLP1: MFA Havana Cuba 2059 4/27 500/75 very good (Minrex SS bulletin) (Ross, Ont.)

19024.5 CLP1: MFA Havana Cuba 1814 3/27 good 500/50 (5 letter groups to CLP18- Cuban Embassy Dar-es-Salaam Tanzania) (Ross, Ont.)

19074.7 CLP1: MFA Havana Cuba 1801 3/20 500/50 good (5 letter groups) (Ross, Ont.)

19087 CLP1: MFA Havana Cuba 2058 4/13 1020/50 good (telex traffic to African embassies) (Ross, Ont.)

19125.8 CLP1: MFA Havana Cuba 2127 3/17 500/50 good (5 letter groups to CLP28- Cuban Embassy Lusaka Zambia) (Ross, Ont.)

19330.1 CLP1: MFA Havana Cuba 1830 4/17 500/50 good (5 letter groups to Cuban Embassy Dar-es-Salaam Tanzania) (Ross, Ont.)

19612.1 CLP1: MFA Havana Cuba 2017 4/20 500/50 good (5 letter groups) (Ross,

Ont.)

19821.5 4UN: UNO Geneva Switzerland 1409 4/9 SITOR A 170/100 fair-good (EE nx re refugees in Harbel Liberia) (Ross, Ont.)

19865.5 DFZG: MFA Belgrade Yugoslavia 1305 4/20 400/50 fair (TANJUNG w/SS news) (Ross, Ont.)

19980 9BC33: IRNA Halaghehdarreh Iran 1529 4/24 320/50 fair (w/EE nx) (Ross, Ont.)

19981.6 CLP1: MFA Havana 1731 4/9 500/50 good (5 letters, SS messages) (Ross, Ont.)

20085 ISX20: ANSA Rome Italy 1422 4/24 400/50 poor-fair (SS nx) (Ross, Ont.)

20131.8 DFZG: MFA Belgrade Yugoslavia 1436 4/9 400/75 fair (TANJUNG w/EE nx) (Ross, Ont.)

20139.5 CLP1: MFA Havana Cuba 1801 3/20 500/50 good (5 letter groups) (Ross, Ont.)

20140 YBU: 2201 3/11 500/75 good (Cuban Embassy (?), "RYRY SGSG YBU QRU SK" loop) (Ross, Ont.)

20156.5 NO ID: 1436 4/9 SITOR A 170/100 fair (stn sending SELCAL "VYQX") (Ross, Ont.)

20238 PWN33: Brazilian Navy Stn 1713 3/27 680/75 fair (Metar wx forecast, calling "PWRJ" w/RYRY tape) (Ross, Ont.)

20401.8 YWM1: Venezuelan Navy Maracaibo Venezuela 2041 4/14 850/75 good (SS traffic to HDN Ecuadorian Navy Quito Ecuador) (Ross, Ont.)

20412 NBA: US Navy Balboa Panama 2121 4/29 850/75 good (confidential SS message to HDN Ecuadorian Navy Quito Ecuador) (Ross, Ont.)

20554 RFLIG: French Forces Cayenne French Guiana 2030 4/14 ARQ-E 170/72 good ("LXI" identifier "RYRY... Voyez le brick...ten count" tape to RFFXCC French Forces France) (Ross, Ont.)

20560 5AQ88: JANA Tripoli Libya 1616 4/24 310/50 fair (EE nx) (Ross, Ont.)

20628.4 CLP27: Cuban Embassy Pyongyang N. Korea 1635 4/24 500/75 fair (Minrex SS bulletin, 5 letter groups) (Ross, Ont.)

20807 FDY: French Air Force Orleans France 1622 3/27 260/50 fair ("RYRY LE Brick" loop) (Ross, Ont.)

20834.2 CLP19: Cuban Embassy Brazzaville Congo 2021 3/27 500/50 (5 letter groups) (Ross, Ont.)

20850.1 CLP1: MFA Havana Cuba 1724 4/9 850/50 good (PRENSA Minrex bulletin) (Ross, Ont.)

20992 CLP55: Cuban Embassy Georgetown Guyana 1444 3/27 500/75 good (5 letter groups into RYRY tape) (Ross, Ont.)

20996.1 NO ID: 1422 3/21 170/50 fair to poor (possible CLP55 Cuban Embassy in Georgetown, Guyana, msg from Georgetown, Guyana requesting tender for long list of medical supplies to go to Ministry of Health Brickdam, Georgetown, signal faded) (Ross, Ont.)

23045 CLP1: MFA Havana Cuba 1648 4/9 500/50 fair (SS messages) (Ross, Ont.)

23084.1 CLP1: MFA Havana Cuba 2153 3/23 500/50 good (SS traffic) (Ross, Ont.)

A couple of loggings list 9VG in Shanghai. All of my references show them in Singapore, does anyone have any other info??

In addition to 6686 USB Dave Ross also reports "ABLE MANNER" (Haitian Refugee Operation) traffic on 5399.3, 5400, 5403, 6236, and 8972.

That's it for this month. I was really overwhelmed by the input. Thanks one and all, my fingers will never be the same. It was such a great turn out, Eddie and Don gave me a sixth page to work with, thanks guys. I'm working to make the loggings as complete as possible to show service, location, etc. The more you include, the more I can pass on. If I ever have the room I'd like to be able to include some frequency lists and info I've culled from the ANARC BBS. By the

way if you have a computer and modem the board is well worth getting on. The phone number is: 913-345-1978. For example, I've got a list of UN frequencies being used in Bosnia, a list of maps etc AXM Radio in Australia, a list of INTERPOL frequencies and more. If I have the room I'll run them. Until July then...

UTILITY NOTES

News and Information from the World of Utilities

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Greetings fellow Speedx members! Just a little background on myself, I live here in Austintown, Ohio, a suburb of Youngstown. I am married to a VERY understanding wife, and have two son's.

I have been involved with shortwave radio since 1969, and started out in the SWBC bands. After an absence, I jumped back into the hobby with both feet. Last year I added an Icom R-71, and this year hope to add a decoder for CW/RTTY/FAX work. I switched to "Utility Stations" several years ago, becoming fascinated with Coast Guard, Navy and marine band comms. However, any UTE station is "fair game". I hope to continue to keep Harold Woering busy adding to my Speedx awards. Harold say's he feels like the Maytag repairman with us UTE type's, so I encourage you all to apply for your hard earned Speedx UTE awards. (Ok Harold, send me my \$5.00).

In January of this year, I was able to start a SWL Sig (Special Interest Group) on the Youngstown Free Net system, and continue as "Sysop" there. I invite my fellow Speedx members to check in at the SWL Sig; via internet at yfn.ysu.edu, or 192.55.234.27, at the log in prompt type "visitor". I can also be reached at the "snail" address or internet address listed at the top.

WARNING: I do not pretend in any way to be an "expert" in the utility field. But the main benefit of being a Speedx member is to share with and learn from others, so that we further enjoy our hobby. So with that in mind, and encouragement from Chuck Yarbrough, I volunteered to help. Utility Notes was the result. I hope to be bringing you information on the various utility stations, including ship's, planes, and other things. I also hope to give a tip of the 'ole SWL hat to a Utility Station that has gone above and beyond the "call of duty". So without further delay, let's get to some information:

U.S. Navy

*The USS Sampan AG (Amphibious Ready Group) has relieved the USS Guam AG in the Mediterranean. The USS Sampan AG consists of Norfolk-based amphibious assault ship USS Sampan (LHA 2), amphibious transport dock USS Ponce (LPD 15) and the Little Creek-based dock landing ship USS Pensacola (LSD 38).

*The USS Tripoli AG, including; USS Tripoli (LPH-10), USS Juneau (LPD-10), and USS Rushmore (LSD-47, has returned to the U.S. after a 5 month deployment in Op.Restore Hope, off Somalia.

*The USS LaSalle (AGF-3) departed the Arabian Gulf in April to

return to the U.S. for an overhaul. Since 1972, the ship has returned to the U.S. only 1 other time, 11 years ago.

*U.S. and Korean forces recently conducted Exercise Team Spirit '93, an annual 10-day exercise conducted off the coast and on the shores of the Republic of South Korea. Navy units that participated included: USS Blue Ridge (LCC 19); USS Independence (CV 62); USS Belleau Wood (LHA 3); USS Bunker Hill (CG 52); USS San Bernadino (LST 1189); USS Germantown (LSD 42); USS Dubuque (LPD 8); USNS Andrew J. Higgins (TAO-190); and the USS Brunswick (ATS 3).

*U.S. Navy ships also recently participated in GULFEX XVII, an exercise designed to sharpen the USN's ability to work with other navies in support of peace in the Arabian Gulf. USN ships included the destroyer USS Hewitt (DD 966), guided missile frigate USS Samuel B. Roberts (FFG 58) and supply ship USNS Pecos (T-AO 197), as well as ships from Britain, France and Russia. Carrier Airwing 15 from USS Kitty Hawk (CV 63) also took part by flying as aggressors in an air defense exercise.

*For those wanting to keep an updated list, the U.S. Navy recently christened the guided missile destroyer Laboon (DDG 58). Laboon is the eighth of twenty-six Arleigh Burke class ships authorized to be built. The Arleigh Burke class will replace the older Adams and Farragut classes of guided missile destroyers. Laboon is 567 feet in length, has a beam of 55 feet and displaces approximately 9,500 tons fully loaded.

*Also commissioned was the nuclear-powered attack submarine USS Montpelier (SSN 765). Montpelier is the fifty-second Los Angeles class nuclear-powered submarine delivered. Sixty-two are authorized to be built. Montpelier is 360 feet in length, has a beam of 33 feet and displaces approximately 6,900 tons submerged.

*Two other ships recently commissioned were the USS Monsoon (PC-4) and the USS Typhoon (PC-5). Both are coastal patrol ships, and are the fourth and fifth ships of the 13 ship Cyclone Class scheduled to be commissioned. Now if only we had these ship's international call sign's...

*The USS Alexander Hamilton (SSBN 617) was decommissioned Feb. 23, ending its 30-year Navy career.

*Also recently decommissioned was the USS Prairie (AD-15), which had been the oldest ship in commission. Prairie was in service 53 years.

*The Guided missile frigate USS Stephen W. Groves (FFG 29) shifted home port's from Mayport, Fla., to Pascagoula, Miss., Jan. 27, 1993. Watch for a change in the FPO address.

*Another situation that will mean an increase in Military/MARS communications is the "high-level multinational efforts to initiate successful peace in former Yugoslavia". Several Sixth Fleet ships are ready and on station in the Adriatic. Naval forces on the scene include elements of the USS John F. Kennedy Battle Group and the USS Guam Mediterranean Amphibious Ready Group (MARG). The cruiser USS Gettysburg (CG 64) and amphibious ships USS Guam (LPH 9), USS Austin (LPD 4), USS Gunston Hall (LSD 44), USS La Moure County (LST 1194) and USS Sumter (LST 1181) are operating in the Adriatic in support of Operation Provide Promise, a humanitarian relief mission into the former Yugoslavia. The frigate USS McInerney (FFG 8) is on station in the Adriatic conducting Maritime Guard operations as part of NATO's Standing Naval Force Mediterranean (STANAVFORMED), an allied naval force that is enforcing U.N. sanctions against the former Yugoslavia.

Many of the U.S. Navy ships listed in all the Navy information presented above, have been heard quite often on USN MARS.

U.S. Air Force

*Wing transfers: The 510th Fighter Squadron has completed transferring aircraft from RAF Bentwaters, England, to Spangdahlem, Germany. This complete's the transition of the 510th Fighter Squadron from Bentwaters, which is closing this year. With the final two aircraft, the 510th FS will have its full compliment of 18 A-10 and six OA-10 aircraft. Spangdahlem's 52nd Fighter Wing received its first operational A-10s from Bentwaters in October and has been receiving aircraft from England about every two weeks during the transition. The 52nd FW will inactivate when Spangdahlem is redesignated the 20th Fighter Wing Jan. 4. The 20th FW is currently assigned to RAF Upper Heyford, England, but its flying mission there is scheduled to end by Dec. 31. The 20th FW is scheduled to operate three squadrons of F-16s and one A-10 squadron making it the largest flying operation in USAFE.

*The F-117 stealth fighter teamed up with the 8th Fighter Wing at Kunsan AB for Team Spirit '93. Several F-117s from the 416th Fighter Squadron at Holloman AFB, N.M., along with about 90 members of the 49th Fighter Wing, deployed to Korea for a chance to define their capabilities in a different area.

USN/USAF information from official and news sources, including press releases by the Department of Defense, the Navy News Service, and Air Force News.

U.S. Coast Guard

Cutter Blackhaw (WLB-390), long a fixture in San Francisco Bay, has been decommissioned. Blackhaw's replacement, the USCGC Buttonwood (WLB-306), NRPX, was monitored last month as it made it's way west. Comms started out with CommSta New Orleans, NMG, and now are with CAMSPAC San Francisco, so apparently Buttonwood is now on station.

A reminder that if you don't have Communications Station Miami, NMA, in your log books, or QSL'ed yet, times running out. The station was totally destroyed during Hurricane Andrew. The decision has been made to close the facility sometime this year.

Marine Stations

German maritime coastal station Norddiech Radio has long been noted for their no QSL policy. Well, they're back in the QSL business, and with their own QSL card. The card shows their antenna transmitting site.

Maritime coastal station KFS, San Francisco Radio, is reported in the May 93 Popular Communications as planning to cease operations in 1993. In fact they may already be off the air. I'd be interested in knowing if anyone has monitored any of the scheduled broadcasts from KFS.

Those who take up Russ Hill's offer of his list of Great Lakes ships, made in his article "Listening To The Lakers" (Monitoring Times, May 1993) will want to place .52 cents postage on the SASE.

It turns out his list is more pages than he thought.

Aero

Gander Radio, Canada, have dropped the Family "D" frequencies they were using. In their place they are now using the Family "F" frequencies of 3476.0, 6622.0, 8831.0, and 13291.0 Khz, USB. This is in addition to the Family A, B and C frequencies which remain in use. The VOLMET frequencies of 3485.0, 6604.0, 10051.0, and 13270.0 Khz, remain unchanged.

The following information is from a QSL letter from Mr. Chris Strube, Flight Service Station Manager of Cambridge Bay.

Cambridge Bay ICAO Flight Service Station is operated by the Canadian Government and is located above the Arctic Circle, at 69.06N, 105.08W. It is the most northerly ICAO station providing coverage to the Canadian Arctic. The station monitors the ICAO Delta family frequencies: 2971, 4675, 8891 and 11279 Khz, USB.

The primary function of Cambridge Bay, as an ICAO member station, is to assist aircraft crossing the Canadian north by relaying flight safety messages to the responsible Area Control Centers, and to the aircraft operating agencies. To ensure adequate coverage during HF blackouts, other ICAO stations in the same network monitor similar frequencies. These other family stations, which extend from Europe to western North America, are: Gander (Newfoundland, Canada); Iqaluit (N.W.T. Canada); Churchill (Manitoba, Canada); Reykjavik (Iceland); Bodo (Norway); and Shannon (Ireland). A group of VHF and HF frequencies are also operated to provide services to aircraft flying to and from Cambridge Bay airport.

To provide these services, the staff consists of seven Flight Service Specialists, located at the facility. The staff finds the work very interesting, and many days it keeps them "very busy".

The ICAO HF transmitters in use at Cambridge Bay are 5,000 Watt Air Comm 1330's, which transmit on a 50 ohm folded dipole.

Cambridge Bay has a population of approximately 1,200 people, of which 80% are Inuit, [or Eskimo]. It is the regional headquarters for the central Canadian Arctic Region of the Government of the Northwest Territories. Most jobs, except government positions are seasonal, causing an influx of southern Canadians in the warmer summer months. Temperatures in the summer average +10 Celsius; winter temperatures go as low as -50 Celsius. Wildlife in the area consist of Caribou, Muskox, Arctic White Fox, Red Fox, Ermine and Lemmings. Inhabiting their waters are Arctic Char, Lake Trout, Cod, Seals, and a few "unidentified" types of fish.

Cambridge Bay is serviced by five Boeing 737 flights, and three Hawker-Siddeley 748 flights per week, connecting them with Edmonton, Alberta and Yellowknife, N.W.T.

Mr. Strube concludes that they welcome QSL requests. Make sure you include a PFC, as they have no local QSL card, and I always include a SASE with mint stamps attached. The address is: Cambridge Bay ICAO Flight Service Station, Transport Canada Area Station Manager, Bag Service 500, Cambridge Bay, N.W.T., X0E OCO, Canada.

I would like to thank Chris Strube, for his informative letter on Cambridge Bay.

TIP OF THE SWL HAT

This month's tip of the SWL hat goes to coastal station Norddiech Radio, for changing their policy and providing SWL's with a unique QSL card. The time taken from their daily business is appreciated by SWL's everywhere.

That's all she wrote for this month folks, see you next time. I hope you enjoy Utility Notes.

SPEEDX members had this information over two months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes, news, and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson.

SHORTWAVE TO GO!: A DX column with much DX news copied from the various DX shows, and compiled by Dale Vanderpoel via the SHORTWAVE PARADISE BBS in Fort Lauderdale, Florida USA. (Now featuring Sked Row)

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Bob Colyard

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhover

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utility DX loggings, frequency lists and schedules,
edited by Mike Wolfson

UTILITY NOTES: News and information on the world of utilities,
edited by Rick Baker

SPEEDX AWARDS: A wide variety of awards are available for members
DX'ing accomplishments, Harold Woering, Awards Chairman

If you would like to learn more about the SPEEDX radio club, (the Society to Preserve the Engrossing Enjoyment of DX'ing), a non-profit volunteer hobby organization founded in 1971, please write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196, DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

--
Rick Baker (ae411@yfn.yzu.edu)

Recorded live and direct from downtown Austintown, Ohio

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 2, No. 6 October, 1993 =====
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Edited by Richard Baker

Note: This Electronic Edition is from the July, 1993 SPEEDX member bulletin "Shortwave Radio Today" (ISSN 0882-8091). Speedx utility coverage consists of two columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike at:

Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

UTILITY NOTES: Edited by Richard "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself at:

Richard Baker
1352 Cavalcade Dr.
Austintown, Ohio, 44515-3844

Internet: ae411@yfn.yzu.edu

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UTILITIES

Utility Logging's, Schedules, and Frequencies

Edited by Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

AERO

- 2998 Honolulu ATC: Hawaii US 1410 5/8 USB 444/242 (wkg NGB819 CWP-2) (Flynn, Or.) (good to hear from you Bill-MW)
4506 Minnesota Wing Net: US 1236 5/12 (ID, Starfish 413 net op, wkg other "Starfish" w/small talk) (Johnson, Il.) (the CFL shows this is the primary channel for Civil Air Patrol Region 5-MW)
5574 San Francisco ATC: Ca. US 0420 5/4 USB (wkg Quantas 144) (Lukas, N.Y.)
5696 NOK: Key West Group Fl. US 0249 5/12 USB (wkg CG 2122 re fuel status) Baker, Oh. NOQ5: CG Aviation Training Ctr Mobile Al. US 0250 5/12 USB (wkg CG 2133 re the 865 crew with them. Rare HF catch for both) (Baker, Oh.); NMC: USCG Commsta San Francisco Ca. US 0312 5/12 USB (clg Charlie 5 Yankee, no joy) (Baker, Oh.)
5718 CG 1502: 0310 5/19 USB (wkg CFH w/request for a freq for

St.Johns Military, CFH adv 6693.0. No joy) (Baker, Oh.)

6738 Reach 275: 0632 5/24 USB (wkg Lajes GHFS, pp Rota meteo for wx & gives pilot (PIREP) wx rpt) (Baker, Oh.)

6750 Fox Tango: 0314 5/26 USB (passes to Uniform "in the blind" ETA Cayman, 30 mins) (Baker, Oh.); November: 0405 5/31 USB (w/KM, Oscar, others. Ref to players "in the playground", 2 freqs passed as Base+ xx as alligator playground, also sev tracks passed, possible USN assisted anti-drug op) (Baker, Oh.)

6812 Andrews AFB: 1220 5/12 (wkg AF-2 w/time ck) (Johnson, Il) AF3: 1350 (wkg Andrews AFB for data channel, who uses AF3 ??) (Braun, Va.)

8828 Honolulu: Volmet 1213 5/12 (aero wx, ID) (Johnson, Il.)

8903 Speedbird 57: 0150 5/24 USB fair (wkg Brazzaville, Congo ATC w/flt data) (Ross, Ont.); Accra ATC: Ghana 0145 5/28 USB fair (wkg u/id a/c) (Ross, Ont.); Brazzaville ATC: Congo 0147 5/28 USB fair (wkg Springbok flt 237, w/flt data) (Ross, Ont.); N'Djamena ATC: Chad 0148 5/28 USB fair (wkg Springbok flt 59 w/flt data) (Ross, Ont.); Niamey ATC: Niger 0151 5/28 USB fair (wkg Springbok flt 254 w/flt data) (Ross, Ont.); LH568: Lufthansa 568 0316 USB (wkg Luanda Zaire) (Hall, S.A.); BA059: Speedbird 59 0238 USB (clg Accra Ghana, no reply) (Hall, S.A.); BA057: Speedbird 57 0027 USB (wkg Brazzaville, Congo) (Hall, S.A.)

8967 CUW: USAF Lajes Azores 1947 4/28 USB (wkg u/id A/C) (Lukas, N.Y.)

8972 S4JG: USN Tacamo A/C 1215 (rx chk w/7RC) (Braun, Va.)

8990 NO ID: 0225 (unscrambled tfc) (Braun, Va.)

8991.5 NO ID: 1220 (scrambled trc) (Braun, Va.)

11176 Spar 84: 89th MAW VIP Flt 1741 5/24 USB fair (wkg Albrook AFB, Panama w/pp) (Ross, Ont.); Jolly 32: MAC/SAR helo HH3/HH53 1911 5/24 USB fair (calling MacDill AFB Florida, no reply) (Ross, Ont.); Venus 43: SAM A/C 1920 5/24 USB fair (wkg Affut AFB Nebraska w/pp r/maintenance) (Ross, Ont.); Shark 17: 1933 5/24 USB fair (wkg Albrook AFB Panama w/meteo pp for Costa Rica coast) (Ross, Ont.)

11200 RAF: Volmet UK 0525 5/6 (aero wx, ID) (Johnson, Il.)

11300 UN Flt 860: 0221 5/24 USB fair (wkg Cairo ATC, w/flt data) (Ross, Ont.); Mahe ATC: Seychelles 0317 5/24 USB fair (wkg Addis Ababa Ethiopia ATC r/African flt 703) (Ross, Ont.)

11387 Sydney: Volmet Australia 0530 5/6 (wx for Austalian cities, ID) (Johnson, Il.)

13201 Thule AFB: Greenland 1343 5/29 USB fair (wkg Raymond 66 w/pp) (Ross, Ont.)

13354 Honolulu: ATC 1912 5/6 (wkg American 39 & others) (Johnson, Il.)

CW

4232 FUF: French Navy V Marker Martinique 0302 (Fort de France VVV, ID) (Hall, S.A.)

4286 VIX2: CQ Marker Sydney Time Australia 1348 5/14 322 (marker, RTTY QRM) (Berri, Ca.)

4305.5 JNA: CQ Marker Naval Time Tokyo Japan 1353 5/14 222 (Berri, Ca.)

4349.0 JCS: CQ Marker Choshi Time Japan 1357 5/14 222 (Berri, Ca.)

6393.5 VHI6: V Marker RAN Darwin Australia 1322 6/1 243 (Berri, Ca.)
 8457 PKP: CQ Marker FC Dumai Indonesia 1343 6/4 132 (Berri, Ca.)
 8475.5 FUX: V Marker French Navy LePort Reunion 1347 6/4 222 (Berri, Ca.)
 8511 XSW2: CQ Marker Taichung Taiwan 1352 6/4 322 (Berri, Ca.)
 12763.5 DAM: V Marker Norddeich Germany 2357 5/30 poor (VVV de DAM loop) (Thompson, Ca.)
 16295.9 RCV: Moscow Radio Russia 1625 (marine wx) (Hall, S.A.)
 17007.2 PCH: Scheveningen Netherlands 2330 5/30 poor (de PCH 6116 k loop) (Thompson, Ca.)
 17060 4XO: CQ Marker Haifa Israel 2340 5/30 poor (CQ de 4XO QSX BC K loop) (Thompson, Ca.)
 17068.4 OXZ8: Lyngby Radio Denmark 1537 5/4 (ID) (Lukas, N.Y.)
 22432.3 UATA: Moscow Radio Russia 1530 (CQ, ID) (Hall, S.A.)
 22484.8 UBF2: St Petersburg Radio Russia 1515 very good (heavy tfc) (Hall, S.A.)
 22486.8 WLO: Mobile Radio Alabama US 1520 (wx) (Hall, S.A.)
 22490.7 4XO: Haifa Radio Israel 1523 (CQ, ID) (Hall, S.A.)
 22496.1 PPJ: V Marker Juncao Radio Brazil 1525 (ID, channel info) (Hall, S.A.)
 22499.9 SVF7: Athens Radio Greece 1528 (ID) (Hall, S.A.)
 22505.1 SPB: Szezecin Radio Poland 1535 (ID-not SPE91) (Hall, S.A.)

MARINE

3253 NSGB: USCGC Point Jackson (WPB-82378) 0812 5/23 USB (wkg Grp Woods Hole, NMF2) (Baker, Oh.)
 4410 WLO: Mobile Radio Alabama US 0510 5/6 (tfc for Columbia Bay, Little Dipper) (Johnson, Il.)
 4411 3EQS9: No ID vessel 5/17 USB (4411/4119 wkg WLO Mobile Radio for R/T tfc, QSY Ch. 1233) USB (Baker, Oh.)
 4426 NMC: USCG Commsta San Francisco Ca. US 0430 5/26 USB (w/high sea's f/cast 4426//8764//13089) (Baker, OH); NMN: Commsta Portsmouth Va. 0732 5/26 USB (4426/4134, wkg Tug Wagner re medico, requesting medavac for ill crewman) (Baker, Oh.)
 4560 CZGD: HMCS Iroquois (DDH-280) 0609 5/19 USB (wkg Halifax Military, CFH, for a radio ck. Iroquois is a Canadian Maritime Command destroyer) (Baker, Oh.); CFH: Halifax Military Canada 0723 5/17 USB (w/test count) (Baker, Oh.)
 5320 Hotel 5 Gulf: 0112 5/24 USB (clg USCG Grp Mobile, no joy) (Baker, Oh.)
 5680 NO ID: 1215 (u/id boat capt with loation info, sked set up) (Braun, Va.)
 6501 NBPB: USCGC Escape (WMEC-6) 0558 5/18 USB (6501/6200 w/CommSta Portsmouth, NMN, req pp. QSY 8195.0 simplex) (Baker, Oh.)
 6693 CIW8105: HMCS Skeena DDH207 Helicopter Escort Destroyer 0234 5/25 USB very good (wkg Halifax Military w/search pattern data) (Ross, Ont.)
 7535 NRW: USS Hayler (DD-997) 1812 5/24 USB (wkg Norfolk SESEF for SSK xmitr tests) (Baker, OH)
 8060.5 NO ID: 0059 5/24 USB (OM/YL w/talk about dives, compressor, close w/"I love you" and off) (Baker, Oh.)

- 8294 ELLY4: S/S Oceanbreeze, 5/27 0301 (w/special "in the blind" transmission from Panama Canal arranged in QSL letter. "This is SS Oceanbreeze, ELLY4, blind transmission for Rick Baker, Austintown, Ohio...1,2,3,4,5...QSA, QRK", 0306 on 8297) (Baker, Oh.); WPE: Jacksonville Fl. US 0610 5/26 USB (wkg tug Guardsman, WBN-5798, for position/op's rpt) (Baker, Oh.)
- 8722 C6KP: Cruise ship T/S Festivale 0122 5/31 USB (8722/8198 concluding R/T tfc w/KMI) (Baker, Oh.)
- 8728 KNLO: C/S Manukai 0308 5/03 (8728/8204, wkg KMI for R/T call home office, re man on bd w/heart attack, Co. Dr. w/ CPR/other instructions, USCG added to call to 0412 when ship adv still had no pulse) (Baker, Oh.); 3AC: Monaco Radio 0502 5/06 USB (OM/EE "This is Monaco Radio maritime telephone service", then in 3 other lang) (Baker, Oh.); WTE5329: Ves Sea Bird 0504 5/06 USB (wkg KMI for R/T call) (Baker, Oh.)
- 8731 ELLY4: S/S Oceanbreeze 0133 5/23 USB (8731/8207 wkg WOM for R/T tfc) (Baker, Oh.)
- 8743 KZQF: Ves Yukatan 0337 5/17 USB (8743/8219, wkg KMI w/ R/T tfc) (Baker, Oh.); LAOI4: Cruise ship Majesty of the Sea's 5/31 USB (8743/8219, R/T tfc w/KMI) (Baker, Oh.); ELFK6: Cruise Ship M/V Jubilee 5/06 USB (8743/8219, R/T tfc w/ KMI) (Baker, Oh.); Sun Rider: 0700 5/22 USB (8743/8219, R/T tfc w/KMI) (Baker, Oh.)
- 8749 NMHT: USNS Sealift Mediterranean (T-AOT-173) 1654 5/17 USB (8749/8225: (wkg WOO w/R/T tfc), vessel is a MSC tanker. USB (Baker, Oh.)
- 8761 OSU41: Oostende Radio, Belgium 0510 5/17 USB (wkg u/i ves LXPB for R/T) (Baker, OH.)
- 8764 Chantine: 0450 5/26 USB (wkg Portishead Radio, England, R/T tfc, re a collision w/ship wharf) (Baker, Oh.); NODP: USCGC Mariposa (WLB-397), 0542 5/19 USB (wkg NMC, re RTTY freq) (Baker, Oh.); GKU46: Portishead Radio, UK 0555 5/24 USB (w/MAYDAY Relay at "request of the CG" for EPIRB activation. Same at 0559, then tfc list) (Baker, OH); NQSP: USCGC Vigorous (WMEC-627) 0811 5/20 USB (w/NMF, for rdo ck) (Baker, Oh.); NRCB: USCGC Eagle (WIX-327) 1619 5/26 USB (wkg NMN for RTTY freq 12577.3) (Baker, Oh.)
- 8782 PJCH: Cruise Ship Nieuw Amsterdam 0525 5/27 USB (w/KMI R/T tfc) (Baker, Oh.)
- 8788 SPC: Gdynia Radio Poland 0140 5/24 USB (w/ch marker (?). YL/pole, w/ID maybe wkg ship) (Baker, Oh.)
- 8794 Horizon: 0347 5/17 USB (8794/8270, wkg WOO for R/T) (Baker, Oh.)
- 9150 NO ID: 0115 4/26 (fishing boat tfc w/x rated lang.) (Johnson, Il.)

PHONE

- 4020.0 WAR: Fort Detrick, Md 2340 5/15 USB (wkg various amateur stations on Armed Forces Day) (Baker, Oh.)
- 7697.1 Triton Engineering: Houston Tx US 1225 5/12 (wkg oil rigs in Gulf re oil slick and drilling conditions) (Johnson, Il.)
- 7788 Romeo: 0200 (wkg Papa Charlie/Tango Romeo r/event 17280, list of "players" contact w/CDCO wanted) (Braun, Va.)

9996 RWM: Time Signal Moscow Russia 0139 5/24 AM fair-poor
(time pips, CW ID, //4996 //14996) (Ross, Ont.)
10780 Beach Storm: 2326 (wkg Defiant Gray/bear grass re launch
& tracking of balloon) (Braun, Va.)
13456 NO ID UN Stn: Western Sahara 2245 5/9 USB fair-poor (wkg
u/id stn r/QSY to 3 Hotel) (Ross, Ont.)
14950 RWM79: Radio Moscow Russia 1740 USB (RR play) (Hall, S.A.)

RTTY/FAX

518 NMG: USCG New Orleans La. US 0315 SITOR B (NAVTEX) (Babin,
Ma.) (welcome to the column Bob); NMF: USCG Boston Ma. US
0345 SITOR B (NWS marine b/c) (Babin, Ma.); CHU: Cape Race
Newfoundland Canada 0330 SITOR B (wx, not listed as
operational) (Babin, Ma.)
3840.3 LRO23: TELAM Buenos Aires Argentina 0242 784R/75 (ss wx)
(Hall, S.A.)
3898.3 TNL25: AFTN Brazzaville Congo 0247 ARQ M2 432/96 (idling)
(Hall, S.A.)
4004.6 LRO2: TELAM Buenos Aires Argentina 0252 837R/50 (SS nx)
(Hall, S.A.)
5441.9 NO ID: 0324 ARQ S4 406/96 (good signal, no data) (Hall,
S.A.)
5738.2 9GC: Accra Air Ghana 0530 425R/50 (RY/ID, tfc GBLD) (Hall,
S.A.)
5740.3 5ST: Antananarivo Air Madagascar 0332 ARQ E3 397/96 (RY/
ID) (Hall, S.A.)
5848 TUH55: AFTN Abidjan Ivory Coast 0316 410N/50 (RY, ID)
(Hall, S.A.)
6835.2 GFL22: Brachnell UK 0200 425R/50 (wx) (Hall, S.A.)
6837 OFB26: Helsinki Finland 0040 5/22 425/50 454 (5 number
grps, 5 letter grps) (Card, R.I.)
6852.7 NO ID: 0205 ARQ M2 305/96 (Idling) (Hall, S.A.)
7580 NKW: US Navy Diego Garcia 0226 FAX 576/120 (wx charts)
(Hall, S.A.)
8428.6 ZSC62: Capetown Radio South Africa 1220 SITOR B ("Urgency"
r/ survivors of sunk ship NAGOS) (Hall, S.A.)
8470.8 ZRH: San/Hydrosan South Africa 1216 171R/75 (naval
warnings, wx) (Hall, S.A.)
8514.1 WLO: Mobile Radio Alabama US 0340 SITOR B (tfc list)
(Hall, S.A.) 9045 5YE: Meteo Nairobi Kenya 1850 FAX
576/120 (fair chart) (Hall, S.A.)
9150 RCH73: Meteo Tashkent Uzbekistan 1840 FAX 576/90 (poor
chart) (Hall, S.A.)
9193 BAA23: Meteo Beijing China 1835 854N/50 (wx codes) (Hall,
S.A.)
9228.3 RXO70: Meteo Khabarovsk Russia 1833 FAX 576/90 (good
chart) (Hall, S.A.)
9330.2 XVN26: VNA Hanoi Vietnam 1525 518N/50 (EE nx) (Hall, S.A.)
9378.7 3BZ: Plaisance Air Mauritius 0546 ARQ E3 860/48 (idling)
(Hall, S.A.)
9395.1 HMF84: KCNA Pyongyang N Korea 1510 258N/50 (EE nx) (Hall,
S.A.)
9994.2 CSY65: Santa Maria Meteo Azores 0553 666N/50 (wx) (Hall,
S.A.)
9995 CSY: Santa Maria Air Azores 0450 100/50 (RY w/ID) (Babin,
Ma.)

10216.5 HZN46: Meteo Jeddah Saudi Arabia 0030 5/4 850/100 454 (5 letter groups) (Card, R.I.)
10224.7 KNY29: Egyptian Embassy Washington D.C. US 0040 5/4 SITOR A 555 (Coded tfc) (Card, R.I.)
10230 RKA78: Meteo Moscow Russia 0050 5/2 FAX (Russian wx map) (Card, R.I.)
10580.1 HMF25: KCNA Pyongyang N Korea 1508 260R/50 (EE nx) (Hall, S.A.)
10600.2 XVN37: VNA Hanoi Vietnam 1521 505N/50 good (EE nx) (Hall, S.A.)
10895 LRB39: SAPORITI Buenos Aires Argentina 0005 5/2 850/50 454 (SS nx) (Card, R.I.)
11122 USAF: WX Net US 2245 FAX (vg wx map) (Babin, Ma.)
11606.2 BZS21: XINHUA Urumqi China 1500 430R/50 (EE nx) (Hall, S.A.)
12190.4 RFVI: French Navy Le Port Reunion 1041 ARQ E3 425/100 (idling) (Hall, S.A.)
13444.3 RFQP: French Forces Djibouti 0810 ARQ E3 430/100 ("CdeV") (Hall, S.A.)
13563.4 3MA22: CNA Taipei Taiwan 0825 850R/50 (EE nx) (Hall, S.A.)
13580.1 HMF36: KCNA Pyongyang N. Korea 0828 269R/50 (EE nx) (Hall, S.A.)
14429.1 PTT Lumumbashi: Zaire 1118 SITOR A (FF tfc for Kinshasa) (Hall, S.A.)
14443.7 5YE: Meteo Nairobi Kenya 1200 FAX 576/120 (new frequency, not listed) (Hall, S.A.); 5YE: RMC Nairobi Kenya 1530 FAX 576/120 (ocean charts USB, metro LSB) (Hall, S.A.)
14481.5 RFTJ: French Forces Dakar Senegal 1109 ARQ E3 375/48 ("CdeV") (Hall, S.A.)
14508.7 NO ID: Zaire 0750 SITOR A (Zaire Bank Circuit, FF tfc) (Hall, S.A.)
14633.2 9UA: AFTN Bujumbura Burundi 0755 406N/50 (RY, ID) (Hall, S.A.)
14760.2 CNM61: MAP Rabat Morocco 1040 444R/50 (FF nx) (Hall, S.A.)
14785.1 ATP65: INFOIND New Delhi India 1514 179R/50 (EE nx, RY, ID, freq, info) (Hall, S.A.)
14926.4 FRTJ: French Foreces Dakar Senegal 1037 ARQ E3 353/192 (FF tfc) (Hall, S.A.)
14926.9 RFTJ: French Foreces Dakar Senegal 1745 ARQ E3 397/192 ("CdeV" (Hall, S.A.)
14937.4 NO ID: 1033 ARQ S (good tune "X"s on screen) (Hall, S.A.)
14941.9 NO ID: 1030 ARQ S (good tune, blank screen) (Hall, S.A.)
14964.2 RFGW: French Forces Paris France 1730 ARQ E 430/72 (wkg RFFBC & RFFWBC in FF) (Hall, S.A.)
14989.1 TNL: ASECNA Brazzaville Aero Congo 1020 ARQ M2 415/96 (tfc on A, wx on B) (Hall, S.A.)
15462.1 5AT: JANA Tripoli Libya 1105 425R/50 (FF nx) (Hall, S.A.)
15637.7 NO ID: 1706 ARQ E3 ("X"s on screen) (Hall, S.A.)
15655 CNM65: MAP Rabat Morocco 1702 414R/50 (FF nx) (Hall, S.A.)
15845.1 SUA289: MENA Cairo Egypt 1610 506R/75 (RYs) (Hall, S.A.)
15874.1 LRS: Santa Rosa Argentina 2046 5/13 475/75 fair (EE/SS nx) (Ross, Ont.)
15935.3 SUA291: MENA Egypt Cairo 1217 428R/75 (urgent message re attack on Minister) (Hall, S.A.)
15935.4 SUA291: MENA Cairo Egypt 1617 439R/75 (EE nx) (Hall, S.A.)
15950 RBI77: Moscow Meteo Russia 1620 FAX 576/90 (good chart) (Hall, S.A.)

15984 CLP1: MFA Havana Cuba 2142 5/15 500/50 good (SS MINREX tfc) (Ross, Ont.)
16017 DGS70H3: Bonn Germany 1857 5/22 FEC-A 320/96 fair (RYRY tape) (Ross, Ont.)
16077.7 FDY: FAF Orleans France 1830 393R/50 (RYs, ID "Le Brick") (Hall, S.A.)
16116.9 6VK317: PANA Dakar Senegal 1110 425R/50 (FF nx) (Hall, S.A.)
16149.4 MKD: RAF Akrotiri Cyprus 1642 RTTY/VFT 170R/N/50 (foxes, 10 count, RYIs on 5 channels) (Hall, S.A.)
16281.1 MKD: RAF Akrotiri Cyprus 1630 RTTY/VFT 170R/N/50 (foxes, 10 count, RYIs on 6 channels) (Hall, S.A.)
16318.8 NO ID: MFA Cairo Egypt 1611 SITOR A (AA tfc to Egyptian embassies) (Hall, S.A.)
16814.5 Associated Press: 2345 5/12 SITOR A 444 (sports nx, wx, Dow Jones) (Card, R.I.) (Could this be NMC San Francisco)
17137 FUU: French Navy Toulon France 1900 5/9 850/100 354 (coded tfc) (Card, R.I.)
17151 NMC: USCG Meteo San Francisco Ca. US 2330 5/2 333 (wx maps, QRM) (Card, R.I.)
17363 5YE: Meteo Nairobi Kenya 0000 5/3 850/100 343 (CQ de 5YE) (Card, R.I.)
17442 5YE (?): Meteo Nairobi Kenya 1158 856R/100 very good (new frequency) (Hall, S.A.)
17445.1 KAWN: Meteo Washington D.C. 1423 877N/75 (forecasts for selected cities) (Hall, S.A.)
17470.2 BZS28: XINHUA Beijing China 1100 404R/75 (EE nx) (Hall, S.A.)
18175.7 NO ID: Zaire 1150 SITOR A (Zaire Bank Circuit, FF tfc) (Hall, S.A.)
18259.2 GFE24: Meteo Brachnell UK 1622 FAX 576/120 (artic ice chart) (Hall, S.A.)
18264.8 CNM78: MAP Rabat Morocco 1638 372R/50 (FF mx) (Hall, S.A.)
18264.9 CNM78: MAP Rabat Morocco 1117 379R/50 (FF nx) (Hall, S.A.)
18412.9 GXQ: BA London UK 1656 VFT B02-05/50 (4 channel RYs and 10 counts) (Hall, S.A.)
18416.7 NO ID: MFA Jakarta Indonesia 1201 430N/50 (Indonesian nx) (Hall, S.A.)
18454.4 MKK: BA London Uk 1658 170R/50 (5 channel w/foxes, also VFT) (Hall, S.A.)
18490.2 NO ID: 1218 513R/100 (cyrillic Moscow ?, Vladivostok ?) (Hall, S.A.)
18496.3 CNM80: MAP Rabat Morocco 1155 411R/50 (FF nx) (Hall, S.A.)
18526.1 NO ID: 1710 SITOR A (FF trc, bad QRM w/KKN50/CW) (Hall, S.A.)
18872.3 BZR68: XINHUA Urumqi China 1150 496R/75 (EE nx) (Hall, S.A.)
19114.6 NO ID: 0559 ARQ E3 379/96 (idling) (Hall, S.A.)
19225.4 RFFUGU: FAF Bordeaux/Merignac France 1244 ARQ M2 380/200 (FF tfc, 5 letter groups w/Paris) (Hall, S.A.)
19329.2 CLP1: MFA Havana Cuba 1852 5/22 500/50 good (5 ltr coded groups to various Cuban embassies in Africa) (Ross, Ont.)
19386.9 RFFIC: FM Marine SIPRA Paris 1110 ARQ M2 425/200 (FF nx to RFQPA Djibouti) (Hall, S.A.)
19576 NO ID: 1714 ARQ M2 340/96 (ORI29 off frequency) (Hall, S.A.)
19867.9 PTT Lomumbashi: Zaire 0837 SITOR A (FF tfc) (Hall, S.A.)

20113.4 FJY: NO ID 1157 ARQ E3 410/94 (NO ID French Forces Antarctic base w/ FF personal tfc) (according to the CFL FJY is Fort de France Martinique-MW)

20151.5 PWX33: No ID Brazilian Navy Stn 2103 5/15 850/75 (LOL de PWX33 tape) (Ross, Ont.)

20326.4 NO ID: 1552 ARQ E 316/192 (no tfc) (Hall, S.A.)

20328 MKD: RAF Akrotiri Cyprus 1116 RTTY/VFT 170N-R/50 (8 channel) (Hall, S.A.)

20401.6 DEPLU Jakarta: Indonesia 0745 SITOR A (long circular in Indonesian (Hall, S.A.)

20420.3 German Embassy: Luanda Angola 1112 ARQ E 170/96 (crypto msg to MFA Bonn Germany) (Hall, S.A.)

20560 NO ID: 1215 513N/50 (5 letter/number groups, Malay ? tfc) (Hall, S.A.)

20584.1 SALCOST: Bumbuna Sierra Leone 1135 SITOR (Italian tfc to Rome) (Hall, S.A.)

20619.2 NO ID: 1226 ARQ S4 428/96 (good tune no data) (hall, S.A.)

20754.4 HBC88: Red Cross Geneva Switzerland 0951 SITOR A (wkg Intercross Maputo in FF) (Hall, S.A.)

20845.3 RFFC: French Navy Paris France 1227 ARQ M2 385/200 (wkg Jules Verne w/5 letter groups) (Hall, S.A.)

20876.7 MFA Islamabad: Pakistan 1235 SITOR A (wkg Parep, London, other embassies) (Hall, S.A.)

20919.5 SAM: MFA Stockholm Sweden 1240 Swed ARQ 425L/100 (4 pp of 5 letter groups) (Hall, S.A.)

21865.2 NO ID: 1155 ARQ E3 513/100 (good tune) (Hall, S.A.)

22352.1 UNHT: MSB Marshal Gelovani 1236 170R/50 (wkg Batum (UHK)) (Hall, S.A.)

22354.6 UBJA: BMRT Geroevka 1014 170N/50 (wkg Kerch using URL Sev'pol callsign) (Hall, S.A.)

22355.6 LYGE: BATM Marshal Koshevoy 1159 170N/50 (wkg K'grad) (Hall, S.A.); LYNG: RTMS Simonaytite 1150 170N/50 (wkg Klaipeda (LYL)) (Hall, S.A.)

22356 LYAC: TR Plutonas 1107 170N/50 (wkg Klaipeda (LYL)) (Hall, S.A.)

22356.5 UTAQ: Dnestrovskij Liman 1158 170N/50 (wkg K'grad) (Hall, S.A.); UGVJ: Novotcheboksarovsk 1159 170N/50 (wkg K'grad) (Hall, S.A.); UOKV: Th Kapitan Pryakha 1156 170N/50 (wkg Vladivostok) (Hall, S.A.)

22359.6 UPF: MSB Kaliningradets 1210 170N/50 (wkg K'grad, NB callsign was LYHC) (Hall, S.A.)

22362.6 UEYJ: Russkoe Pole 1144 170N/50 (wkg K'grad) (Hall, S.A.)

22363.5 Orlinoe: 1120 170N/50 (wkg Sevastopol) (Hall, S.A.)

22364.2 ESWI: TR Onezhskiy Zaliv 1125 170N/50 (wkg Sevastopol) (Hall, S.A.)

22364.3 UEIU: RTMS Stratosfera 1130 170N/50 (wkg Sevastopol) (Hall, S.A.)

22370.4 HZN50: Meteo Jeddah Saudi Arabia 1556 975/100 very good (wx codes) (Hall, S.A.)

22370.6 USUO: Albatross 1134 170N/50 (wkg K'grad) (Hall, S.A.)

22370.9 UIGI: Komsomolets Artema 1212 170N/50 (wkg Vladivostok) (Hall, S.A.)

22371.6 UJZY: Natalia Kovchova 1138 170N/50 (wkg K'grad) (Hall, S.A.); UYYC: Bat Anatoly Gankevich 1138 170N/50 (wkg Sevastopol) (Hall, S.A.); LYFJ: Druskininka 1140 170N/50 (wkg Klaipeda) (Hall, S.A.)

22372.3 USDB: BMRT 10 Pyatilatka 1145 170N/50 (wkg Sevastopol)

(Hall, S.A.)
22374.5 UNHI: Kristalnyj 1138 SITOR B (wkg K'grad) (Hall, S.A.);
UJEH: Vidnoe 1135 170N/50 (wkg K'grad) (Hall, S.A.);
ELKE3: BST Pinna 1140 SITOR A (wkg K'grad, Liberian
registered) (Hall, S.A.)
22378.1 FTT91: St Lys Radio France 1206 SITOR B (naval msg, tfc
lst) (Hall, S.A.)
22381.1 9VG84: Singapore Radio Singapore 1135 SITOR B (tfc list)
(Hall, S.A.)
22386 UFN: Novorossissk Radio Russia 1150 SITOR A (RR tfc,
uncollected mailbox msgs) (Hall, S.A.)
22395 UBN: Mariupol Radio 1145 SITOR A (RR tfc, odd tones,
seldom heard) (Hall, S.A.)
22396.1 EVLE: Greece 1155 SITOR A (MARITEX tfc w/Athens) (Hall,
S.A.)
22407.6 UAT: Moscow Russia 1150 SITOR A (auto mailbox, RR tfc)
(Hall, S.A.)
22425.2 WOM: Pennsuco Radio Fl. US 1158 SITOR B (tfc lst, wx)
(Hall, S.A.)
22425.6 WOO: Ocean Gate Radio NJ US 1554 SITOR B (ITU channels/tx
freq, info) (Hall, S.A.)
22534.5 ENGU: RTM Alsu 1402 (wkg Sevastopol) (Hall, S.A.)
22837.5 SVA: Athens Radio Greece 1225 SITOR B (tfc list) (Hall,
S.A.)
22930.6 MFA Stockholm: Sweden 1115 SWED ARQ 425L/100 (wkg
"AMBASSADEN LAGOS" Nigeria in Swedish) (Hall, S.A.)
25202.6 EOPA: Lazurnyi Bereg 1222 170N/50 (wkg K'grad) (Hall,
S.A.)

I got loggings from Robert Hall for February and March and more
loggings from Rick Baker for May that I could not fit in this
month. If anyone wants them, send me an SASE w/3 stamps and I'll
make you a copy. Thanks for the great turnout.

UTILITY NOTES

News and Information from the World of Utilities

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Welcome to another edition of Utility Notes. This month I'll
continue to catch up on some military news that may be of interest
to those who go after military stations, ships and aircraft.

But first, an interesting intercept from Tim Braun (VA), a
self described "information hound" and "Navy nut" (sounds
familiar). Tom snagged this on 10780 Khz, Cape Radio, Eastern Test
Range, day primary:

2326: BEACH STORM wkg DEFIANT GRAY w/talk of array and trying
to maintain a high turning rate...trying to make it easier on the
bridge crew. DG then tells BS that tests will commence in about an
hour and to now try to establish comms on the satellite net so the
engineers can talk.

2350: DG tells BS not to launch sphere until further notice as

they were chasing some problems, BS will relay to Mission Director.

0019: BS ask's BEAR GRASS how soon they can launch sphere, BG reply was five mikes...BS tells BG to prepare to launch at 0030.

0030: "BG, this is BS, we're ready for you guys to send the sphere".

0030: BG "balloon will be away in 15 seconds" 0036: "BG, this is BS we have balloon in track".

0044: BS asks for lat/longitude of sphere, BG reports that object must be minimum of 10K before they can initiate track.

0045: BG reports altitude of 4, azimuth of 57. 0048: BS reports that he lost track of balloon, he believed that the balloon was below the horizon but at 4 KM should be above the horizon, asked BG for bearings from BG position. BG reports object at a bearing of 54 true, 16 elevation, 17 KM distant, approximate position of balloon 32 04N, 72 26W altitude 5 KM.

0101: BS can't read BG, so BG called CAPE RADIO w/no reply and then called DG, also w/no reply...BS calls in blind and says that they're checking out comms and have a good track on the balloon.. .then tells BG to go to "RED TIGRESS L.O.I. come to RFI primary", BG asks CAPE RADIO to relay to BS that he doesn't have the document that says what that frequency is and to switch to 20390 khz upper.

0106: BS calls BG and tells him that he has the 190119 May message from UNS to VICKSBURG that tells of the test message was also to USNS OBSERVATION ISLAND, BG does not reply.

The callsigns used are the same as the static callsigns assigned USN ships, but I could find no reference to any prior logging's. According to my sources, USNS Observation Island is a MSC Missile Range Instrumentation Ship in the Pacific. These ships almost always operate for the Strategic Systems Program, in support of Trident testing. They have extensive sensors, which are very precise, and need to be calibrated. Most of these ships carry "radiosonde" balloons, which are basically large helium wx balloons with an instrument package. As this appears to be more than the everyday launch of a wx balloon, and with the word "test" being used, it's quite possible this was an elaborate equipment, or calibration check. As Vicksburg is an Aegis missile cruiser, their elaborate radar may have been helping to track the radiosonde balloon and then comparing the tracks. Also, as Cape Radio is the comms station for the Eastern Test Range, the use of this frequency makes sense. The LOI mentioned sometimes stands for "Low Opportunity of Intercept". An excellent catch, Tim.

U.S. Navy

Theodore Roosevelt Battle Group

The USS Theodore Roosevelt Battle Group has relieved the JFK Battle Group in the Mediterranean. This marks the first operational deployment of an Aegis destroyer, the USS Arleigh Burke (DDG-51), the lead ship of the class. Other ships in the TR Battle Group include: USS Theodore Roosevelt (CVN-71), USS Josephus Daniels (CG-27), USS Richmond K. Turner (CG-20), USS Hue City (CG-66), USS Kauffman (FFG-59), USS Nicholas (FFG-47), USS Hawes (FFG-53), USS Shenandoah (AD-44), USS Scranton (SSN-756), and the USS Norfolk (SSN-714).

Elements of TR's Battle Group are engaged in Operation Deny

Flight, the NATO "no fly" zone over Bosnia-Herzegovina. Several of these ships MARS stations were monitored here in NE Ohio last month including: Hue City (NNNOCOD), Josephus Daniels (NNNONZC), Shenandoah (NNNOCYC), Nicholas (NNNOCEM), and Hawes (NNNOCBF).

The Jason IV Project

RADM Geoffrey Chesbrough, the oceanographer of the Navy, was joined by Dr. Robert Ballard of the Woods Hole Oceanographic Institute, to kick off one of the most sophisticated underwater research and education expeditions ever conducted, the Jason IV Project.

Although many research vessels from many nations will be involved, the project will include the Navy-leased research vessel Laney Chouest, which is carrying the Navy's three-person Deep Submergence Vehicle (DSV) "Turtle", and the unmanned Remotely Operated Vehicle (ROV) Jason. The Laney Chouest was logged last year in the area of 4 megs, in comms with units using tactical callsigns.

USS Constellation Completes SLEP

For the first time in nearly three years, jet aircraft roared from the flight deck of the USS Constellation (CV-64).

Constellation, which is in the final stage of a Service Life Extension Program (SLEP) at the Philadelphia Naval Yard, must be certified to land and launch Navy jets before returning to the fleet. SLEP is a comprehensive overhaul program designed to extend the life of aircraft carriers by nearly 15 years.

Ships to be Decommissioned

As a result of defense budget cuts in the Navy's FY-94 budget, the following ships will be decommissioned in FY-94: USS Saratoga (CV-60), USS Forrestal (AVT-59), USS Leahy (CG-16), USS Harry E. Yarnell (CG-17), USS Worden (CG-18), USS Reeves (CG-24), USS Wainwright (CG-28), USS Biddle (CG-34), USS Virginia (CGN-38), USS Texas (CGN-39), USS Baton Rouge (SSN-689), USS Richard B. Russel (SSN-687), the entire Pegasus class PHM's including USS Peegasus (PHM-1), Hercules (PHM-2), Taurus (PHM-3), Aquila (PHM-4), Aries (PHM-5), and Gemini (PHM-6), USS Sierra (AD-18), USS Yosemite (AD-19), USS Hunley (AS-31), USS Joseph Hewes (FFT-1078), USS Bowen (FFT-1079), USS McCandless (FFT-1084), USS Donald B. Beary (FFT-1085), USS Jesse L. Brown (FFT-1089), USS Ainsworth (FFT-1090), USS Truett (FFT-1095), and the USS Moinester (FFT-1097). The USS Ranger (CV-64) is already "standing down" at it's homeport of San Diego. Times running out to QSL these ships.

New Address

The address for the USS Vicksburg (CG-69) does not appear in the Postal service Publication 65. It is: FPO AA, 34093-1189.

U.S. AIR FORCE

The 960th Airborne Warning and Control Squadron at Keflavik

AB, Iceland, will be inactivated in the latest round of Air Force force structure changes.

Slots will be transferred to the 552nd Air Control Wing at Tinker AFB, Okla. One E-3 airborne Warning and Control System aircraft and 75 military slots will move from the 961st AWACS at Kadena AB, Japan, to the 552nd in 1993.

U.S. COAST GUARD

Mike Schulsinger (OH) sent some more USCG aviation information. Mike learned that the two E-2C's that had been in use (3501, 3502), have been returned to the Navy. The recently modified 1721 (EV130-H) which can stay aloft for up to ten hours, takes their place. Mike also reports all HH-52A Sea Guards have been retired, being replaced by HH-65As'. Mike suggests that the highest numbered HH-65As' may not have been delivered or placed in service yet. Seven of the A's have been converted to HH-65Bs' as oil slick spotters. Also an unknown number of A's have been modified to HH-65C Night Stalker Interceptors, and most likely will end up in District 7 where the drug action is.

USCG Barque Eagle

The U.S. Coast Guard Barque EAGLE (WIX-327) was heard quite often last month here in NE Ohio, Both on USCG SCN channels as "Cutter Eagle" (international callsign NRCB), and USN MARS calling (14441.5 Khz) as NNN0NCJ.

For those that don't know about her, EAGLE is the largest Tall Ship flying the Stars and Stripes and the only square-rigger in U.S. government service. Is the seventh Coast Guard cutter to bear the name in a proud line dating back to 1792. The ship was built in 1936 by the Blohm and Voss Shipyard in Hamburg, Germany, and commissioned as HORST WESSEL, one of three sail training ships operated by Nazi Germany to train cadets for the growing German Navy. Following World War II, it was taken as a war prize by the United States and a Coast Guard crew, aided by the German crew still on board, sailed the tall ship in 1946 from Bremerhaven to its new homeport in New London, Connecticut.

EAGLE now serves as a seagoing classroom for the future officers of the U.S. Coast Guard. A seasoned permanent crew of five officers and 30 enlisted personnel maintains the ship year round. To maneuver EAGLE under sail, the crew must handle more than 22,000 square feet of sail and five miles of rigging. Over 200 lines control the sails and yards. When in home port in New London, EAGLE rests alongside a pier on the Thames River at the U.S. Coast Guard Academy. The address for EAGLE is: USCGC EAGLE (WIX-327) Attn: Radioman in Charge (for non-MARS frequencies) or Attn: RMIC MARS communications (for MARS comms), FPO, AE, 09568-3906.

MARINE/NON-MILITARY SHIPS

A Unique Experience

I had sent a standard QSL letter to the S/S Oceanbreeze, ELLY4, which is a cruise ship of the Dolphin Cruise Lines. Not only

did I receive verification by return of by PFC, and a picture of the ship, also enclosed was what I thought was a veri letter. But imagine my surprise on reading this letter that Mr. Ioannis Varvounis, the ships 1st radio Officer, was going to transmit a "blind" transmission "especially" for me, from the Panama Canal.

Mr. Varvounis stated in his letter that the transmission I had heard was from a low power transmitter. The blind transmission was to be on a high power transmitter, Type ITT Electronav 1680A, with a maximum output of 1500 watts.

Being somewhat skeptical, at the appointed time I was camped out on 8294.0 Khz. At 0301 UTC, very loud and clear, I heard: "This is SS Oceanbreeze, ELLY4, blind transmission for Rick Baker in Austintown, Ohio...1,2, 3,4,5...Quebec Sierra Alpha Quebec Romeo Kilo" This was repeated several times, and then he sent that he would transmit on 8297 Khz in five minutes. At 0306, the same transmission, a little louder here in Austintown, with the added "...from the Panama Canal". The phonetic's? QSA: The strength of your signal is...QRK: The intelligibility of your signal is...

For sure I will "QSL" that transmission. This was a first, and a very unique experience for me, never had my own personal blind transmission before.

The S/S Oceanbreeze was built in 1954, in England. Her first name was S/S Southern Cross. The vessel carries 1000 passengers and a crew of 450. Officers are Greeks, and the rest of the staff of various nationalities. Her port of calls are: Aruba, Curacao, Grenada, Martinique, Cartagena, Panama Canal, Islas San Blas, and a return to Aruba.

More on Norddeich Radio

Last month I passed on information that Norddeich Radio, Germany, is once again QSL'ing. Their distinctive channel marker has been heard here in NE Ohio quite often last month. The marker is a "ticking clock" (like "60 Minutes) followed by a female voice in english "Here is Norddeich Radio", then back to the ticking.

This one threw me off for awhile, Norddeich sounds like "Nordine" in english. Norddeich uses the following frequencies (all Khz) and callsigns: DAF (CW) 4349.9, 6363.5, 8672.5, 12832.5, 17048.0, 22591.5; DAH (USB) 4393, 8800, 13110, 17356, 22759; DAI (USB) 4423, 8776, 13128, 17341, 22762; DAJ (USB) 4396, 6501, 8767, 13146, 17287, 22714; DAK (USB) 4390, 8761, 13098, 17311, 22807; DAL (CW) 6456.5, 8511.9, 8638.5, 12763.5, 16980.4, 22476.0; DAN (CW) 2848.0, 4308.5, 6435.5, 8483.5, 12898.5, 17143.6, 22516.0, (RTTY)-2727.0, (USB)-1796, 1799, 1908, 1911, 2611, 2614, 2799, 2845; DAP (USB) 4357, 8788, 13089, 17269, 22744; DCF (RTTY) 4216, 6325, 8427.5, 12594, 16836, 22404.5; DCL (RTTY) 4213.5, 6320, 8423.5, 8418, 12581, 16811.5, 22383.5; DCN (RTTY) 4210.5, 6316, 12579.5, 16807, and 22376.5. Try 13146 after 0500, there's a traffic list at 0545 UTC.

Their motto, shown on the emblem in figure one, "Seefunk Tut Not", translates roughly to "Marine Radio is Necessary". Deutsche

Bundespost is the German Post and Telecom organization that runs Norddeich Radio.

HURRICANE SEASON

June 1st was the start of hurricane season in the Atlantic, which lasts until November 30th. Watch for an increase of activity on the NOAA "Hurricane Hunter" frequencies. Check 3407, 5562, 6673, 8876, 9020, 10015, 11398, 13267, 13354, 17801, and 21937 Khz for these comms.

Miami Monitor is the NOAA facility KJY74 in Miami, Florida. The WP-3 aircraft used are modified P-3C's, and use the call NOAA 4*.

UTILITY NOTES TIP OF THE HAT

This months tip of the 'ole SWL hat would have to be for Mr. Ioannis Varvounis, 1st Radio Officer of the S/S Oceanbreeze, for his special SWL blind transmission. What a guy!

If you've had a UTE station go out of their way for you, drop me a line. In fact, you can send any utility station news or information to be at either the U.S. "Snail" address, or the electronic address listed above. That's going to about wrap it up for another month.

Fair winds and following sea's.

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SPEEDX members had this information over two months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes, news, and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

Trash & Treasure: Information on on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson.

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Bob Colyard

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utility DX loggings, frequency lists and schedules,
edited by Mike Wolfson

UTILITY NOTES: News and information on the world of utilities,
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SPEEDX AWARDS: A wide variety of awards are available for members
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....and more!

If you would like to learn more about the SPEEDX radio club,
(the Society to Preserve the Engrossing Enjoyment of DX'ing), a
non-profit volunteer hobby organization founded in 1971, please
write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196,
DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the
Electronic Edition!

--

Rick Baker (ae411@yfn.yosu.edu)

Recorded live and direct from downtown Austintown, Ohio

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
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Edited by Richard Baker

Note: This Electronic Edition is from the August, 1993 SPEEDX member bulletin "Shortwave Radio Today". Speedx utility coverage consists of two columns:

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UTILITIES

Utility Logging's, Schedules, and Frequencies
Edited by Mike Wolfson
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AERO

- 4372 3CR: No ID 1125 6/17 USB (wkg Giant Killer re sked for day and event V1472, ments re Courageous & Tail Rider, inspection by AVATL postponed events) (Braun, Va.)
4725 AJE: USAF Croughton UK 0440 USB (m w/number/ltr grps, ID) (Orr, Va.) (welcome to the column Tony-MW)
5598 Gander Radio ATC: Canada USB (wkg AA787, N1910A) (Orr, Va.)
5692 NMK: USCG Cape May Air N.J. US 0534 USB (wkg Rescue 6576 re/SAR tfc) (Baker, Oh.)
6577 New York Aeradio: US 0350 USB (wkg N5770, HK2587, AA951) (Orr, Va.)
6622 Gander Aeradio: Canada 0303 USB (wkg Speedbird 173, SELCAL PMCL, KLM 672) (Orr, Va.)
6628 Santa Maria Aeradio: Azores 0342 USB (wkg Springbok 202, SELCAL SCAQ) (Orr, Va.); New York ATC: US 0727 USB (wkg Speedbird 201) (Orr, Va.)
6679 KVM70: Volmet Honolulu Hi US 0755 USB (wx for various places) (Orr, Va.)
6738 MQP: RAF Upavon UK 0731 USB (wx, color codes, ments re/Upavon & RAF) (Orr, Va.); XPH: USAF Thule AFB Greenland 0704 USB (numbers/ltr grps,

ID) (Orr, Va.); AIE2: USAF Andersen AFB Guam 0717 USB (number/ltr grps, ID) (Orr, Va.); AFE: USAF McDill AFB Fl. US 0720 USB (wkg Palomino, no joy) (Orr, Va.); McClellan GHFS: 0647 USB (EAM) (Baker, Oh.)

6753 CHR: Trenton Military Radio Canada 0331 USB (wx, IDs) (Orr, Va.); CJX: Meteo St John's Military Radio Canada 0740 USB (wx, ID) (Orr, Va.) 8957 EIP: Volmet Shannon Ireland 0649 USB (wx, ID) (Orr, Va.)

6798 Guantanamo Aeradio (?): Cuba 0615 USB (2 SS speaking men, no ID HELP) (Orr, Va.)

7833 King 1, 2, 3: 1157 6/22 USB (wkg Cape Radio w/rx chk) (Braun, Va.)

8825 New York Aeradio: US 0322 USB (wkg Speedbird 1254 QSY to 6628) (Orr, Va.)

8831 Gander Radio: Canada 0318 USB (wkg American 86) (Baker, Oh.)

8846 New York Aeradio: US 2212 USB (wkg AC967, AA704) (Orr, Va.)

8855 Piarco ATC: Trinidad 0753 USB (wkg u/ID a/c) (Orr, Va.)

8864 Gander Radio: Canada 0324 USB (wkg American flt SELCAL ALCH) (Baker, Oh.)

8891 Iceland IFSS: 0309 USB (wkg Ascot 3356-RAF cargo a/c, SELCAL DHKL) (Baker, Oh.)

8906 Santa Maria IFSS: Azores 0313 USB (wkg Ascot 3221-RAF cargo a/c) (Baker, Oh.)

8918 Ascension Island: 2249 USB (wkg u/id a/c) (Baker, Oh.)

8930 Stockholm LDOC: 0329 USB (wkg Carpenter (?) 571) (Baker, Oh.)

8967 Exxon 72: 0346 USB (Barksdale AFB KC-10 wkg Lajes Azores GHFS pp Raymond 12-CP England AFB, La.) (Baker, Oh.); Reach 709MB: USB (C-141 wkg u/id GHFS stn, pp McGuire re/wx, PIREP) (Baker, Oh.)

8993 Smokey 01: 1727 USB (wkg McDill GHFS w/pp) (Baker, Oh.)

10050.7 VFG: Volmet Gander Radio Canada 2055 6/16 USB (wx) (Bellovich, Fl.)

10780 King 3: 1156 6/22 USB (clg Cape Radio w/rx chk, QSY to 7833) (Braun, Va.)

11176 McDill AFB: USAF Fl. US 2225 USB (wkg Shark 6 w/sked) (Orr, Va.); Bronco 10: 0122 USB (wkg Offutt GHFS re/MARS freq- 13993, 20870 given) (Baker, Oh.)

11200 MVU: RAF Volmet UK 2115 USB (wx, ID) (Orr, Va.); West Drayton: Volmet UK 0033 6/29 USB 353 (wx for various locations) (D'Angelo, Pa.)

11201 NOJ: Commsta Kodiak Alaska US 0358 USB (wkg Rescue 1715 (HC-130H), pp Kodiak Air w/patient rpt, requests ambulance) (Baker, Oh.)

11233 Rescue 305: 1720 USB (wkg CHR, pp Trenton) (Baker, Oh.)

11300 Cairo Aeradio: Egypt 2344 USB (wkg Aussie 057) (Orr, Va.); Khartoum Aeradio: Sudan 2348 USB (wkg KLM 561, Speedbird 215, AIREPS, Kenya 145) (Orr, Va.); Nairobi Aeradio: Kenya 0020 USB (wkg Kenya 145) (Orr, Va.)

13264 EIP: Volmet Shannon Ireland 1820 USB (wx for various cities) (Orr, Va.)

13270 VFG: Volmet Gander Canada 1955 USB (wx ID) (Orr, Va.)

13282 KVM70: Volmet Honolulu Hi US 2137 USB (wx for various cities) (Orr, Va.)

13312 Rockwell Flt Test: 1832 USB (wkg u/id a/c) (Baker, Oh.)

13304 Tel Aviv LDOC: Israel 2002 USB (m in Hebrew LDOC/EL AL) (Orr, Va.)

13330 Condor 594: 1516 7/10 USB (pp to Lufthansa dispatch via N.Y. re/vibration on takeoff-possible flat tire, ment re/Puerto Plata Dominican Republic) (Halstead, W.V.)

CW

6288.5 IGJ: Augusta Naval Italy 0132 6/8 (ID) (Lukas, N.Y.)

8360 C6JC5: Presidio 0438 7/10 (wkg GKB) (Halstead, W.V.) (welcome to the column-MW)

8365 9HWG3: Blue Light 0518 7/10 (wkg IQX, w/port info- Ras Lanuf, Libya) (Halstead, W.V.)

8492 PPR: V Marker Rio De Janiero Brazil 0357 6/26 122 (marker) (Berri, Ca.)

8496 CLA20: CQ Marker Havana Cuba 0400 6/26 333 (CQ marker) (Berri, Ca.)

8502 PPL: V Marker Belem Brazil 0402 6/26 222 (V marker) (Berri, Ca.)

8589 HPP: V/CQ Marker Panama City Panama 0416 6/26 222 (marker) (Berri, Ca.)

8682 EAD3: DE Marker Madrid Spain 0420 6/26 212 (marker) (Berri, Ca.)

9996 RWM: Time Signals Russia 2315 (Orr, Va.)
 12425 ELP17: Bobilna 1509 7/14 (wkg WLO w/ ETA for SW Passage) (Halstead, W.V.)
 12430.5 P3WC3: lolocos Glory 1615 7/14 (wkg WLO w/position rpt for Athens)
 (Halstead, W.V.)
 12432 DZEE: Fairwind Express 0329 7/15 (wkg CBV off Chile in rough seas, ETA
 Ventanas) (Halstead, W.V.)
 12448 LAMF2: Bandak 0349 7/14 (wkg KPH) (Halstead, W.V.)
 12450 J8FS6: City of Tobolsk 0438 7/13 (wkg SVB w/ETA for Batumi Georgia)
 (Halstead, W.V.)
 12474 SMEU: Federal Calumet 1606 7/13 (wkg WLO w/AMVER msg) (Halstead, W.V.)
 16630 9HYJ2: Avon 1554 7/12 (wkg CLA w/urgent msg for Mambicuba in Havana)
 (Halstead, W.V.)
 12799.5 PCH51: CW Marker FC Scheveningen Netherlands 0155 6/16 222 (marker)
 (Berri, Ca.)
 16835 CMU967: Santiago Cuba 0153 7/2 (clg RMGL Marshal Ustinov) (Blair, Ca.)

MARINE

2103.5 CGAS: Canadian CG St. Lawrence 0610 USB (wkg Ann Harvey w/wx) (Baker, Oh.)
 2182 VCS: Halifax CG Radio Canada 0602 USB (re MAYDAY relay for LuAnn taking
 on water) (Baker, Oh.)
 4125 WRW2305: Algonquin 0614 USB (wkg Viking-WBN3428 & Scandia) (Baker, Oh.)
 4369 WLC: Rogers City Radio US 0301 USB (MAYFOR b/c for Great Lakes) (Baker,
 Oh.)
 4372 W5I: 1220 6/24 USB (wkg 4R w/vessel ID request, confirmed as Newport
 Class LST) (Braun, Va.)
 4420 WOO: Oceangate Radio N.J. US 0245 5/25 USB (Lukas, N.Y.)
 4560 CYWJ: HMCS Porte St Jean (YNG-180) 0514 USB (wkg CFH w/rdo ck-training-
 /port ctrl vessel) (Baker, Oh.)
 5198.5 Halifax Military: 0130 6/11 USB (pp w/HMCS Iroquis to GT re repairs, QRM
 from HMCS Pt. St. Jean, told to use "proper SOP", QSY to A5A) (Braun, Va.)
 5320 CG 6009: 1322 6/27 USB (wkg USCGC Point Arena w/request for radio
 guard, position rpt, 6009 is an HH-60) (Braun, Va.)
 5691 Whiskey Net: 0249 USB (Whiskey Bravo/other units w/ tfc, possible USN)
 (Baker, Oh.)
 5696 CG 6009: 1315 6/27 USB (wkg Commsta Portsmouth re freqs for USCGC Point
 Arena, 381.8 and 5320 given) (Braun, Va.)
 6288.5 KHRP: Sea Land Liberator 0303 6/16 (AMVER to KLB) (Blair, Ca.)
 6501 NMO: USCG Commsta Honolulu Hi US 0552 USB (wx, ID) (Orr, Va.)
 6513 VCS: Halifax CG Radio Canada 0810 USB (wx ,forecast, ice rpt, ID) (Orr,
 Va.)
 7833 USS Underwood: 1212 6/22 USB (wkg Cape Radio w/count down request)
 (Braun, Va.)
 8294 WX5891: El Muro 0547 7/15 USB (clg WGW San Juan) (Halstead, W.V.)
 8296 NO ID: 1430 6/19 USB (net re/fishing conditions/wx) (Bellovich, Fl.)
 8716 RN Coastal Control: UK 0610 USB (Channel FA w/ 2 tone signal) (Baker, Oh.)
 8725 HEB4B: Berne Radio Switzerland 0622 USB (wkg u/id ves in EE) (Baker,
 Oh.)
 8728 EHY: Madrid Radio Spain 0539 USB (wkg EDPQ) (Baker, Oh.)
 8746 SPO41: Szczecin Radio Poland 0557 USB (ID, wkg u/id ves w/R/T tfc)
 (Baker, Oh.)
 8761 C6KM: Holiday 0052 USB (wkg WOO w/R/T tfc) (Baker, Oh.)
 8764 NMG: Commsta New Orleans La. US 2250 USB (wkg Q9N simplex re/RTTY
 failure, QSY 8719) (Baker, Oh.)
 8782 HEB18: Berne Radio Switzerland 0618 USB (tfc lst) (Baker, Oh.); HEB18:
 Berne Radio Switzerland 0620 USB (ID and call for tfc) (Baker, Oh.)
 8791 C6KM: Holiday 0609 USB (8791/8267, wkg WOM) (Baker, Oh.); NLBH: USS

Long Beach (CGN-9) 0747 USB (R/T tfc w/WOM, hrd next night at 0518)
(Baker, Oh.)
8806 FFL41: St Lys Radio France 0704 USB (clg ELAQ) (Baker, Oh.)
8809 C6LG6: Windward 0003 USB (wkg WOM w/R/T tfc) (Baker, Oh.); NJLK: USS
Kaufman (FFG-59) 0009 USB (wkg WOM w/R/T call, QSY Ch 1209, no joy)
(Baker, Oh.)
8972 Commentator 711: 2237 USB (wkg N1M w/Spare Grp msg) (Baker, Oh.);
Charlie 722: 2238 USB (wkg Charlie Fox w/position info, advises Doctor
31 is closest-USN comms) (Baker, Oh.)
13077 KMI: San Francisco Radio Ca. US 0315 6/22 USB (wkg Nordic Prince)
(Lukas, N.Y.)
13104 EHY: Madrid Radio Spain 0558 USB (air horn, tfc lst) (Baker, Oh.)
13110 SVN: Athens Radio Greece 1921 USB (ID, time stn rebroadcast) (Baker, Oh.)
13113 PCG51: Scheveningen Radio Netherlands 2237 USB (wkg u/id ves in EE/??)
(Baker, Oh.)
17245 GCDG: RN Ark Royal (R-07) 1745 USB (wkg Portishead w/R/T tfc) (Baker, Oh.)
17250.7 Halifax Radio: Canada 0207 6/2 USB (wx) (Bellovich, Fl.)
17314 SPO81: Szczecin Radio Poland 1832 USB (ID) (Baker, Oh.)

PHONE

6873 VOA: Greenville N.C. US 0340 6/29 USB 454 (VOA feeder, AA nx re/mideast)
(D'Angelo, Pa.)
10868.9 VOA: Bethany Oh. US 2101 6/16 USB (GG nx) (Bellovich, Fl.)
11570 ZLQ24: Antarctica New Zealand Base Scott 2317 USB (EE, m w/Aussie
accent "This is Scott") (Orr, Va.)
13318 NO ID: 2105 SSB (vox tfc or phone by 2/3 UR or JP m) (Orr, Va.)
14295 WA3NAN: Goddard Space Flight Center Greenbelt Md. 1415 USB (test of
shuttle equipment) (Bellovich, Fl.)
14441.5 NNNONCJ: USCGC Barque Eagle (WIX-327) 2217 USB (clg ASSMS, pp tfc)
(Baker, Oh.)
14442.5 NNNOCOA: USS Arleigh Burke (DDG-51) 0026 USB (clg ASSMS, off freq 1
Mhz., NNNOZQF ans, QSY 14391.5, ves w/Roosevelt Battle Grp in Med)
(Baker, Oh.)
19378.8 VOA: US 1612 6/5 USB (EE nx) (Bellovich, Fl.)

RTTY/FAX

6336 MTO: RN Rosyth Scotland 0100 6/8 850/75 533 (freq lst, ID) (Card, R.I.)
7834.7 5ST: ASECNA Antananarivo Madagascar 0501 ARQ E3 241/48 (idling) (Hall,
S.A.)
8094.9 RFFVA: FAF Paris France 0509 ARQ M2 425/200 (idling) (Hall, S.A.)
8137.7 7QZ32: AFTN Lilongwe Air Malawi 0510 386R/50 (sitrep, metar, RYs)
(Hall, S.A.)
8302.7 NO ID: 0523 170N/50 (5 ltr grps, LOR Puerto Belgrano) (Hall, S.A.)
8388.6 LASP4: Bonita 1030 SITOR A (possible rpt to Hydroship Norway via ZSC)
(Hall, S.A.)
9041 5YE: Nairobi Kenya 2250 6/13 850/100 354 (ID coded tfc) (Card, R.I.)
9048 NAM: USN Driver Va. US 0110 6/14 VFT/ISB 555 (coded tfc) (Card, R.I.)
12479 J8GG2: Alexander Schulte 0206 6/29 SITOR A (wkg WLO) (Blair, Ca.)
12483 LXDE: Deloris 0330 6/30 SITOR A (wkg KPH) (Blair, Ca.)
12493.5 3EWJ4: Beeco America 0212 6/30 SITOR A (wkg WLO) (Blair, Ca.)
12494.5 SQEQ: Kopalnia Walbrzych 0221 6/20 SITOR A (wkg SPB62) (Blair, Ca.)
12579 NMO: USCG Honolulu Hi. 1335 6/25 SITOR B (wx) (Blair, Ca.)
12596.5 PCH56: Schveningen Netherlands 0306 6/30 SITOR A (wkg P3ZJ2 Reefer
Countess) (Blair, Ca.)

13347.9 MFA Cairo: Egypt 1705 SITOR A (AA tfc) (Hall, S.A.)
13375.3 DOR: MFA Sofia Bulgaria 1725 506N/50 (5 ltr grps) (Hall, S.A.)
13427.1 NO ID: 1720 ARQ S 253/96 (good tune, no data) (Hall, S.A.)
13444 RFQP: French Forces Djibouti 1236 ARQ E3 390/100 (CdeV, ID) (Hall, S.A.)
13256.2 DHJ51: Grengel Meteo Germany 1717 430N/100 (wx codes, aero tfc) (Hall, S.A.)
14356.1 GFL24: Bracknell Meteo UK 1755 425R/50 (wx codes) (Hall, S.A.)
14395.7 AJE: USAF Croughton UK 1748 875N/75 (e ltr area wx codes, wx) (Hall, S.A.)
14929 NO ID: 1715 SITOR A (phasing, "OM YTLARU", garbage) (Hall, S.A.)
15597 SPB62: Szczecin Poland 0227 6/30 SITOR A (wkg SEQEQ Kopalnia Walbrzych) (Blair, Ca.)
16348.1 NO ID: 1640 SITOR A (FF tfc) (Hall, S.A.)
16588.4 NO ID: 1645 838R/75 (RYs, coded tfc) (Hall, S.A.)
16683.5 UKVG: Kompositor Chaikovsky 1656 SITOR A (wkg Riga) (Hall, S.A.)
16687.5 CBAC: Aconcagua 0227 6/29 SITOR A (wkg CBV) (Blair, Ca.)
16694 J8HH6: Theo 1921 6/26 SITOR A (wkg KPH) (Blair, Ca.)
16694.7 WECB: Melville 1936 6/23 SITOR B (wkg WWD) (Blair, Ca.)
16716.5 UVQN: Kapitan Putilin 2152 6/28 SITOR A (wkg UFN) (Blair, Ca.); UZEK: Mekhanik Vraskov 2330 6/28 SITOR A (wkg UFN) (Blair, Ca.)
16793.1 NO ID: 1300 SITOR B (EE nx re Manila, "Tawon Dodong & Balik Sa" sked) (Hall, S.A.)
16801 UIZV: Rabotchaia Cmena 1235 170N/50 (wkg Vladivostok) (Hall, S.A.)
16806.5 NIK: USCG Boston US 1220 SITOR B (iceburg position warnings) (Hall, S.A.)
16807 9VG82: Singapore Radio 1502 6/28 SITOR A (wkg KIBK Green Island) (Blair, Ca.); 9VG82: Singapore 1538 6/28 SITOR B (tfc list) (Blair, Ca.)
16807.1 9VG82: Singapore Radio 1230 SITOR B (wx) (Hall, S.A.)
16828 UBN: Mariupol Radio Ukraine 1225 SITOR A (greetings, RR tfc) (Hall, S.A.)
16914.6 SPH84: Gydnia Radio Poland 1717 SITOR A (CW ID, pulses) (Hall, S.A.)
16927 UJY: Kalingrad Radio Russia 1720 170N/50 (RY, ID, ANS 16672.5) (Hall, S.A.)
16936.9 GYA: RN London UK 1725 220N/100 (RYs, coded tfc, strange shift/speed) (Hall, S.A.)
17441 5YE: Nairobi Kenya 2235 6/6 850/100 354 (ID, 5 ltr grps) (Card, R.I.)
17443.7 5YE: Nairobi Meteo Kenya 1040 845R/96 LSB (wx codes) (Hall, S.A.)
17456.8 NO ID: 1707 SITOR A (MFA Cairo (?), "VUK rpt", "KOPS YS KF DJ SCRF") (Hall, S.A.)
18035.2 ZRH: South African Navy 1202 476R/75 (foxes, 10 count, shift change) (Hall, S.A.); ZRH: South African Navy 1211 814R/75 (Simonson) (Hall, S.A.)
18039.9 TCY4: AA Ankara Turkey 1127 817R/48 (TT nx, exchange rates) (Hall, S.A.)
18061.3 MTO: RN Rosyth UK 1655 835R/75 (tst tape, ID, "LF STATE A2/8 BL") (Hall, S.A.)
18066.8 NO ID: Egyptian Embassy 1206 SITOR A (AA tfc) (Hall, S.A.)
18101.1 NO ID: 1210 190/86 (mode unknown) (Hall, S.A.)
18175.7 Kinshasa/Lumumbashi Bank Circuit: Zaire 1216 SITOR A (FF tfc) (Hall, S.A.)
18190.1 FSB59: Interpol Lyons France 1141 SITOR A (5 ltr grps) (Hall, S.A.)
18265.2 CNM78: MAP Rabat Morocco 1653 386R/50 (FF nx, // 18221.1-CNM76) (Hall, S.A.)
18274.8 NO ID: 1612 SITOR A (pulses) (Hall, S.A.)
18296.8 RFQP: French Forces Djibouti 1622 ARQ M2 369/200 (iding, also on ARQ E3 424/96) (Hall, S.A.)
18340.9 NO ID: 1150 830/50 (M7000 could not decode) (Hall, S.A.)
18341.8 NO ID: 1650 SITOR A (off at 1652 w/VXCT on screen) (Hall, S.A.)
18360.4 RFFX: French Forces Versailles France ARQ E 385/72 (idling) (Hall, S.A.)
18365.2 6WW: French Navy Dakar Senegal 1155 833/96 (not 75 baud, unable decode) (Hall, S.A.)
18379.9 NO ID: 1639 ARQ S 402/96 (good tune, no data) (Hall, S.A.)
18388.7 5AF: Tripoli Air Libya 1624 337R/50 (RYs, ID) (Hall, S.A.)

18441.2 JMJ5: Tokyo Meteo Japan 1158 FAX (good wx chart) (Hall, S.A.)
 18446.9 MKK: BA London UK 1644 170R/50 (RYI/ID/foxes on several channels)
 (Hall, S.A.)
 18600.2 NO ID: 1640 not sure of mode maybe SITOR A, ARQ6-90 (Hall, S.A.)
 18648.6 SPW: Szezecin Poland 1510 SITOR B (w/no id ship re food supplies)
 (Hall, S.A.)
 18760.2 PGZ?: MFA Paris (?) France 1635 not sure of mode (idling) (Hall, S.A.)
 18896.0 EDSM: Russian Navy Vasily Revyakin 1645 170N/50 (wkg Novorossissk, odd
 freq) (Hall, S.A.)
 19062.5 NO ID: 1630 not sure of mode 159/64-86 (Hall, S.A.)
 19101.9 RFLI: French Navy Fort de France Mauritania 1247 ARQ E3 369/192
 (idling) (Hall, S.A.)
 19130.2 JPA59: Interpol Tokyo Japan 1250 SITOR A (phasing signals) (Hall, S.A.)
 19749.4 CVU79: Dakar Meteo Senegal 1035 408N/50 LSB (usually 74 baud, wx codes)
 (Hall, S.A.)
 20716.9 RFFA: MOD Paris France 1650 ARQ E3 425/192 (idling) (Hall, S.A.)
 20813.7 RFTJD: French Forces Libreville Gabon 1258 ARQ E3 (idling) (Hall, S.A.)
 20822 RFFXI: French Forces Bangui Central African Republic 1255 ARQ E 414/72
 (idling) (Hall, S.A.)
 20865.3 RFFA: MOD Paris France 1252 ARQ M2 323/200 (coded tfc, CdeV) (Hall, S.A.)
 20890.2 RFFXS: French Forces Paris France 1530 ARQ E 394/72 (tfc w/various stn)
 (Hall, S.A.)
 22291.5 LXBY: Cornelius Verolme 2200 7/3 SITOR A (wkg WLO) (Blair, Ca.)
 22294.5 C6JP8: Otterpool 1954 6/26 SITOR A (wkg WCC) (Blair, Ca.)
 22354 LYKJ: Ablinga 1433 6/11 170/50N (RYs, ID) (Blair, Ca.)
 22354.5 UVWZ: Volnyy Veter 1446 6/28 170/50N (wkg UJY) (Blair, Ca.); UFJM:
 Asteroid 1548 6/13 170/50N (wkg UJY) (Blair, Ca.)
 22355.5 UHUS: Labrador 1531 6/13 170/50N (wkg UJY) (Blair, Ca.)
 22359.5 UFZJ: Azimut 1734 6/9 170/50N wkg UJY) (Blair, Ca.)
 22363.6 UTSS: TB Yarkii Loutch 1209 170N/50 (wkg K'grad) (Hall, S.A.)
 22863 CLP44: Cuban Embassy Harre Zimbabwe 1653 529N/50 (coded tfc ending
 w/"ECO ES TODO- FBQVD") (Hall, S.A.)

Rich Baker sent the following sked for ZSC with his logs this month:

Cape Town Radio-Telex Frequencies Mode A.R.Q Selcall 4331

CHAN NR'S	CALLSIGN	ZSC	SHIP	HOURS OF SERVICE
	ZSC 60	2850	2502	1600-0600 UTC
4008	ZSC 61	4214	4176	H-24
8025	ZSC 62	8428.5	8388.5	H-24
12044	ZSC 63	12601.5	12498.5	H-24
16019	ZSC 64	16816.0	16692.5	0600-1800 UTC
22064	ZSC 65	22408.5	22316.5	0600-1600 UTC

Navigation Warnings. Weather Forecasts. Traffic Lists. --FEC Mode
 0615, 0900, 1700 UTC. 0930 and 1730 UTC. Even Hour plus 15 Mins.

Radio-Telephone Frequencies.

International call and answer. (24Hrs). Working Frequencies.

Chan, Nrs.	ZSC	SHIP	Chan, Nrs.	ZSC	SHIP.
DSL 2	4125	4125	405	4369.0	4077.0
421	4417	4125	801	8719.0	8195.0
821	8779	8255	803	8725.0	8201.0
1221	13137.0	12290	805	8731.0	8207.0
1621	17302.0	16420	1209	13101.0	12254.0
2221	22756.0	22060	1608	17263.0	16381.0
		1633		17338.0	16456.0

2204 22705.0 22009.0
2206 22711.0 22015.0

Remote M.F.Stations along east coast operated from Cape Town Radio.

Ships Transmit:- 2182, 2191, 2045, 2051, 2023, 2356.

RX's:- Mode TX's Mode. Working TX's Mode
Port Nolloth H3E Cape Columbine H3E 2594 J3E
Cape St Martin "
Constantia Berg " Cape Town "
Milnerton "
Struisbaai " Cape Agulhas " 2783
"
Mossel Bay "

Remote VHF Stations along Coast operated from Cape Town Radio

Alexander Bay	CH 16	CH 23
Port Nolloth	16	25
Doringbaai	16	26
Cape St Martin	16	23
Malgaskop (Sda)	16	27
Milnerton	16	25
Constantia Berg	16	24 & 26 & 28
Franskraal	16	27
Struisbaai	16	27
Albertinia	16	26 & 28

Nav Warninqs. Wx Forecasts. Coastal Wx. Reports. Tfc Lists
0918,1718 UTC. 0948,1748 UTC. 1333 UTC. On receipt,
0003,0603,
0948z,1403z,
et 1748z

First announced ch VHF 16 & 2182 Khz, then up 24 or 26 or 28, 1764, 4435khz

Wireless-Telegraphy Service.

Frequencies:-		Hours of Service.	
		Summer.	Winter.
ZSC 33	4317	H-24	H-24
ZSC 6	8688.5	H-24	H-24
ZSC 9	12698	0500-2200 UTC	0500-2000 UTC
ZSC 7	17164,75	0500-2000 "	0500-1800 "
ZSC 20	22659.0	0600-1600 UTC	0600-1600 UTC

Nav Warnings. Weather Forecasts. Traffic Lists. Time Signal
0630, 0900, 1700z 0930 and 1730 UTC. Even hour +30 mins. 0755-0800z, 1655-1700z

Frequencies:- ZSC 5 418 ZSC 46 4291 ZSC 42 8461
ZSC 38 12772,5 ZSC 44 17018 ZSC 40 22455

UTILITY NOTES

News and Information from the World of Utilities

Richard "RD" Baker, Editor

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Wow, August already! Time flies when your having fun. This month I'm going to try a FAX graphic, supplied by Robert Hall (RSA). Robert also sent along these items that will be of interest:

AN IMPORTANT NEW FAX FREQUENCY !! By Robert Hall, RSA.

In recent weeks I have been picking up some excellent fax charts on 17443.7 khz USB at 120/576. Transmissions are frequent through the day and come in strongly here in Capetown although there is some QRM from Nairobi Meteo RTTY signals on 17442.0. The FAX also emanates from Nairobi which has now become a "Regional Meteo Centre" with links to Offenbach and Bracknell (and re-broadcasts from both). The FAX charts cover a wide area with some stretching from north of Norway to south of Capetown and taking in all of Europe and the African Continent. The emphasis is on East Africa and the Middle East including Iran and mast of India.

These new FAX and Meteo frequencies are not listed in CFL or the latest Kllngenfuss guides.

Robert also reports "during March/April 1992 good fax signals were received here from SAAM Molodezhnaya and USN Diego Garcia (on 20310.0 khz). No Tx received from either this year although Diego Garcia still transmits on 20300.0 khz USB".

NAVTEX FOR CAPETOWN RADIO By Robert Hall, RSA

I have just (29/5/93) picked up a SITOR B transmission announcing that test transmissions of NAVTEX will begin on Friday, July 9th, 1993, at 0700 UTC and continue on the following Fridays at the same time. NAVTEX is part of the Maritime Safety Information service (MSI) which is itself part of the Global Maritime Distress and Safety System (GMDSS). NAVTEX is transmitted in the SITOR B mode on 518.0 khz up to a range of around 400 miles. By international AGREEMENT, all ships of 300 gross tons or more must be equipped with NAVTEX receivers by August of this year. These receivers automatically print out all the latest weather information gleaned from various satellite and terrestrial collecting systems. There are 81 listed coastal NAVTEX transmitters in operation around the world at this time; Capetown will be No. 82 - and not before time!!!!'

Thanks for the information Robert. Robert also provided the FAX picture shown above, the southern tip of S. Africa is visible.

U.S. Navy

Ship News

Destroyer Squadron 26, including the USS San Jacinto (CG-56), USS Deyo (DD-989), and the USS Doyle (FFG-39), are participating in "Baltic Operations '93", a U.S. invitational multi-national yearly exercise. The exercise, which began June 8th, involves warships from over 13 countries, and will involve the U.S. ships making numerous port calls in the northern Atlantic and Baltic Sea.

On June 7th, another exercise began, "Eager Mace '93". This one involves the USS Barnstable County (LST-1197) with the 24th MEU (Marine Expeditionary Force) and the USS Wasp (LHD-1) Amphibious Ready Group (ARG). The exercise involves Kuwaiti and United Kingdom units also, in amphibious exercises in the Arabian Gulf. Also with the Wasp ARG are the USS Nashville (LPD-13), and the USS El Paso (LKA-117).

The USS Nimitz (CVN-68) remains in the Arabian Gulf, in support of Operation Southern Watch, the enforcement of the no-fly zone over Iraq.

The USS Saratoga is off the coast of Southern California, where the carrier and the tanker Kanawha recently completed a two-day refueling test

demonstrating the ability refueling carriers at sea.

The USS Independence Battle Group recently made a stop in Perth, Australia, where members of the group took up a collection for the family of a police officer killed in the line of duty. Other ships assigned to the Group include the USS Independence (CV-62), USS Mobile Bay (CG-53), USS Thach (FFG-43), USS Bremerton (SSN-698), USS San Jose (AFS-7), and USNS Andrew J. Higgins (T-AO-190).

For those that keep lists, the Navy recently commissioned the Guided Missile Cruiser USS Cape St. George (CG-71). She is the 25th of 27 Ticonderoga-class Aegis guided missile cruisers to be built. The Navy also recently christened the Avenger-class mine countermeasures ship USS Chief (MCM-14). Chief is the last of 14 such ships to be built.

The U.S. Navy's squadron of six Patrol Combatant Missile Hydrofoils (PHM's) I wrote about last month, began their journey north from Key West, Fl., to Little Creek, Va., where they will be decommissioned. There's quite a history on these ships. Anyone interested, drop me a line with a SASE and I'll send it. In fact, I have about 30 pages of Navy info I've posted on the local SWL Sig in the last couple of months, to keep Navy UTE's up on the various ships and op's they may be hearing. More than I can present each month. Send a disk or floppy with your SASE, or I can mail all the pages, but I have no idea what the cost would be.

U.S. Air Force

B-2 Training

Flight testing of the B-2 is being done at Edwards AFB, Calif., where they are temporarily assigned to the Combined Test Force, where pilot training is done. The pilots will be assigned to the 509th Bomb Wing at Whiteman, where the first operational B-2 will arrive in December. The Air Force is scheduled to receive 20 of the flying-wing design aircraft.

Transfers

On Oct. 1, 1993, all of AMC's (Air Mobility Command) C-130 aircraft and Little Rock AFB, will transfer to ACC and almost all of the tanker aircraft will transfer to AMC, along with several additional bases to support those tankers. Air Force officials said the transfer will allow ACC to better integrate combat forces in support of theater commanders.

U.S. COAST GUARD

No sooner do I pass on Mike's information about the recently modified 1721 aircraft, than Mr. A. Nonymous wrote to say that the 1721 has been grounded indefinitely due to the lack of budget funds for needed repairs.

I have also learned that all of the "Cape" class of Patrol Boat (WPB) cutters have been decommissioned now, and that all of the "Island" class WPB's have now been delivered.

MARINE/NON-MILITARY SHIPS

Ship and Callsign Changes By Art Blair

Art Blair in San Francisco sends these changes: Adlera (YLLV) ex Kodor (USZX), Aizkraukle (YLEB) ex Vilis Lacis (UGOC), Akademikis Artobolevskis (YLBY) ex Akademikis Artobolevskis (ESWB), Akademikis Bocvars (YLCV) ex Akademik Botchvar (UJCP), Akademikis Hohlovs (YLBX) ex Akademik Khokhlov (UROP), Aleiska (YLCO) ex Aleysk (UVFR), Artesia (3EKA9) ex Norgas Commander (LAEJ2), Auda (YLJQ) ex Auda (LYLU), Baltijas Zvaigzne (YLFJ) ex Zvezda Baltiki (UBZO), Birstonas (LYCR) ex Birstonas (UUNW), Birstonas (LYGM) ex Birshtonas (ESSU), Birveta (LYGW) ex Birveta (UIYS), Birzai (LYAY) ex Birzhay (UUZY), Birzai (LYCE) ex Birzai (UVUH), Botnijos Ilanka (LYAK) ex Botnicheskij Zaliv (ESWH), Dainava (LYDN) ex Daynava (EVRV), Daugavgriva (YLFW) ex Daugavgravas (LYMN), Debrecenas (LYDW) ex Debretsen (USMV), Hazar

(UHLP) ex Bolshevik B. Aliyev (UHLP), Ivan Silver (V3MX6) ex Severodvinsk (UQNG), Maya Princess (3EOS9) ex Concord (YJYC2), Pabazi (UJBN) ex Sergey Lyulin (UJBN), Pabrade (LYCW) ex Pranas Zibertas (UUCP), Princess Wave (DUSV) ex Aleglio (3ETP6), Sass (ENAF) ex Yara (UERB), Seduva (LYBA) ex Vasiliy Yakovchenko (EWXC), Sergey Losev (UFSH) ex Sormovskiy-46 (UFSH), Simonas Daukantas (LYLN) ex Karolis Pozhela (LYLN), Skirvyte (LYGR) ex Skirvitye (UITK), Soela (ESME) ex Rikhard Mirring (UPEC), and Wren (J8GO2) ex Baltiyskiy-48 (EMYI). Thanks for the update Art.

CAPE TOWN RADIO, STATION ZSC

I recently received my QSL request back from Station ZSC, Cape Town Radio, RSA. Besides my PFC being completed rather nicely, a QSL card, made from a post card depicting Ostriches was enclosed. Also received was a letter from Gary Carter, signed "for Control Coastal Radio Officer", which further described what I had heard.

Mr. Carter also enclosed a short history of ZSC, which he thought I might find interesting. I did, and I thought others might be also. So, here is the history of the station, exactly as it was sent:

"Cape Town Radio was established in 1910 at the old lighthouse site at Kommetjie on the western seaboard of the Cape Peninsula. The first call-sign allocated was VNC and the station operated on the 400 khz Frequency using Spark transmitters. The operators had to work with the windows of the station wide open to the elements, summer and winter, to release the sulphur odours created by the apparatus.

In 1928 the call-sign ZSC was allocated and is still in use today. During World War Two Cape Town Radio played a valuable role intercepting distress messages from allied ships under Axis submarine attack or being shelled by German pocket battleships. It is recorded that on one occasion the station monitored eight distress calls in ten minutes.

Towards the middle of the war, the station moved to Wireless Road, in Kommetjie where it shared premises with the Royal Navy until 1960. In September 1965 the station moved to its present location in Koeberg Road, Milnerton, to premises that had recently been vacated by the South African Broadcasting Corp. The main operations room is in the only sound studio. Nearby is the building in which Marconi established the Wireless and Telegraph Co, in 1919.

Cape Town Radio established itself on the world maritime map from June 1967 when the Suez Canal was closed by the Arab/Israeli conflict. The station played a vital role in controlling communication traffic of the thousands of ships that diverted to the cape route. Congestion on the airways was chronic at times with as many as 27 ships waiting in turn on the various circuits for service. Congestion was just as bad at the ports. Frequently there were more than 100 ships at anchor in Table Bay roadstead seeking bunkers, stores and water. The reputation earned by Cape Town Radio during the eight years that Suez was closed has been maintained to this day. It is common practice for ships passing through the Suez Canal to communicate with Europe via Cape Town Radio.

The station is today manned by an operating staff of 70, plus technicians maintaining the transmitters at Klipheuwel 50 km north east of the station. Klipheuwel has long been the preferred site for radio transmitters. On relatively high ground clear of mountains, it is far enough from the Milnerton operations centre to prevent transmitted signals interfering with reception at Milnerton. Marconi erected 245 m high radio masts at Klipheuwel in 1923. This was part of a plan to establish long-wave radio links between London and the entire British Empire. These high masts were never used, because in 1924 Marconi introduced shortwave radio which cost 1/20th of the long-wave system, used only 1/50th of the power and

trebled the trans-mission capability.

It's been a long walk from those sulphur-laden rooms and the Spark transmitters. Today's Capetown Radio operator sits at his computer console and works morse, telex and radio-telephone from the one position. Marconi would have been very proud indeed."

I want to also add that my mint stamped envelope was returned, as they use "official pre-franked envelopes". So for those who want to QSL Cape Town Radio, I'd suggest you send IRC's in place of mint stamps. The address is: Cape Town Radio, Private Bag X01, Milnerton 7435, S. Africa. It seems they really went out of their way to answer an intrusion into their daily business, and it was appreciated.

AERO

The Blackbird Flies Again

Remember the SR-71 "Blackbird"? Well, NASA now owns three of them as follows: Tail #64-17956, SR-71B trainer as N831NA, tail # 64-17971, SR-71A at Dryden Flight Research Facility (DFRF), Edwards AFB, and tail 64-17980, also to be at DFRF, as N844NA.

NASA is about to start another series of SR-71 flights. Check for comms with these aircraft on 9132, 10780, 11104, 11205, 12107, 13878 Khz, USB, for starts. ARIA (Advanced Range Instrumentation Aircraft) flights have been monitored on these frequencies.

UTILITY NOTES TIP OF THE HAT

This months tip of the 'ole SWL hat has to go to Cape Town Radio, and Gary Carter. It's apparent they are very proud of their station.

There must have been other UTE stations that have gone "above the call of duty" for others out there, if so, drop me a line. I'd like to see some more interesting "catches", whether it's SSB, RTTY or FAX. Not a "writer"? Neither am I. A few short months ago I could not even spell "editor", now I are one! Just send your info anyway you can, I'll get it out to the members! Like the guys in the wine coolers commercial said, "we thank you for your support", including those who have sent letters just to say "hey", or offer advice. Until next month, may the Force (of good DX) be with you.

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SPEEDX members had this information over two months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

Trash & Treasure: Information on on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson.

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Bob Colyard

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utility DX loggings, frequency lists and schedules,
edited by Mike Wolfson

UTILITY NOTES: News and information on the world of utilities,
edited by Rick Baker

SPEEDX AWARDS: A wide variety of awards are available for members
DX'ing accomplishments, Harold Woering, Awards
Chairman

....and more!

If you would like to learn more about the SPEEDX radio club,
(the Society to Preserve the Engrossing Enjoyment of DX'ing), a
non-profit volunteer hobby organization founded in 1971, please
write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196,
DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the
Electronic Edition!

--

Rick Baker (ae...@yfn.ysu.edu)

Recorded live and direct from downtown Austintown, Ohio

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 2, No. 8 December, 1993 =====
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Edited by Richard Baker

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UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike at:

Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

UTILITY NOTES: Edited by Richard "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself at:

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UTILITIES

Utility Logging's, Schedules, and Frequencies
Edited by Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

AERO

- 3016 Reach 70174: USAF 0600 7/28 USB (wkg NY radio) (Halstead, WV)
4675 Iqaluit Aeradio: Baffin Island Canada 0456 7/23 USB (wkg United 962 heavy) (Halstead, WV)
4725 Royal Air Force: 0330 USB (VOLMET) (Bergadano, NJ) (welcome to the column-MW)
5035 Canadian Forces: Edmonton Alberta 1321 7/11 USB 454 (VOLMET) (D'Angelo, Pa)
5680 Royal Air Force: 0224 USB (wkg Helo Rescue 166) (Bergadano, NJ); Plymouth Rescue: UK 0343 7/30 USB (wkg Architect w/ rdo ck, Rescue 13) (Lukas, NY)
5692 NOT: Traverse City Air Mi US 0242 7/20 USB (wkg Rescue 6011 inbound w/patient, ambulance ready) (Baker, Oh); CG6016: 0229 7/28 USB (re mission abort to help sinking ves) (Baker, Oh); Cape May Air: NJ US 0005 7/2 USB (clg CG 6576) (Navary, Va) (welcome to the column-MW)
5696 AZ4: Eliza 0420 7/2 USB (wkg Portsmouth- Capt w/severe head/back injury req guidance from Miami ops) (Navary, Va); Rescue 6016

2148 7/3 USB (wkg Portsmouth w/req for ambulance from Mass Gen. Hos.) (Navary, Va)

5700 Retaliante: 0523 7/20 (wkg Skylight for rdo ck, secure tfc) (Baker, Oh)

6622 Air Canada 862: 0614 7/28 USB (wkg Shanwick) (Halstead, WV)

6697 Municipal: 0614 7/9 USB (w/EAM, repeat) (Baker, Oh)

6716 SAM204: 0513 7/22 USB (wkg Andrews AFB w/pp, Mildenhall meteo for wx) (Baker, Oh)

6735 Fox Tango Net: 0414 7/22 USB (Fox Tango wkg Lima, Juliet, Oscar att to set up alligator playground (Link 11 system net) on Delta 20) (Baker, Oh)

6812 SAM206: 2233 7/1 USB (wkg Andrews AFB re/departure time from Gander, depart KADW, req ck on flt plan) (Baker, Oh)

8819 Rainbow Radio: LDOC Canada 0122 USB (wkg Delta 20) (Bergadano, NJ); Rainbow Radio: LDOC Tors Cove Newfoundland Canada 0347 7/20 USB (wkg Delta 26 w/co. msg, wx) (Baker, Oh)

8825 Santa Maria Radio: 0347 7/23 USB (wkg u/i a/c w/pos ck & SELCAL-CFKA) (Baker, Oh)

8846 AA62: American 62 2356 7/25 USB (wkg NY ATC Miami-Paris run, request for flt level 39-disapproved) (Westenhaver, Quebec) (welcome to the column Mr. Westenhaver-MW)

8855 Porto Velho Aeradio: Brazil 0433 7/24 USB (wkg United 900 over MUIPIR) (Halstead, WV); Piarco Aeradio: Trinidad 0419 7/24 USB (wkg Maiquetia radio re FAX of Speedbird 248 flt plan) (Halstead, WV)

8861 VRBPN: No ID UK ? 0447 7/24 USB (clg Recife, no joy) (Halstead, WV)

8879 Speedbird 288: British Airways 0438 7/24 USB (wkg Iceland radio) (Halstead, WV)

8959 Jeddah Ops: Saudi Airlines LDOC Saudi Arabia 0343 7/23 USB (wkg Jeddah 002) (Baker, Oh)

10057 Brazzaville Radio: VOLMET Congo 2240 7/11 USB 353 (wx) (D'Angelo, Pa)

11176 Snoop 39: 2352 7/7 USB (wkg Ascension-asked to pass msg to Zorba Control) (Navary, Va)

11300 Nairobi Aeradio: Kenya 2157 USB (wkg Air France 457) (Bergadano, NJ)

11306 Lima Radio: LDOC Lima Peru 0432 7/9 USB (wkg American 905, United 923, American 909) (Baker, Oh)

11330 SU325: Aeroflot 325 2325 7/25 USB (wkg NY radio reg Moscow-Shannon-Miami run) (Westenhaver, Quebec)

11345 Amtran 551: 2322 7/6 USB (wkg Stockholm LDOC w/pp to "co." in Indianapolis) (Navary, Va)

13291 Gander Aeradio: Canada 1333 7/11 USB 353 (wkg Continental 25) (D'Angelo, Pa)

13305.9 New York ATC: US 1448 7/17 USB (wkg Iberia 6245) (Bellovich, Fl)

13306 Reach 111MF: USAF 1630 7/10 USB (wkg NY radio) (Halstead, WV)

13312 Rockwell: LDOC 1836 7/8 USB (wkg Saudi 005, pp Saudi Airlines Ops) (Baker, Oh)

15015 Shark 57: 2352 7/31 USB (wkg Albrook GHFS pp) Baker, Oh)

15046 Saudi 4451: 0350 7/22 USB (wkg u/i stn w/departure msg from Jeddah, registration # N703CK) (Halstead, WV)

CW

7627 US Embassy Athens Greece: 2340 7/17 (ID) (Braun, Va)

12472 LAQP2: Steinstad 2245 7/2 (wkg LPD w/AMVER rpt) (Navary, Va)

16824.7 GKP6: Portishead Radio UK 1732 7/2 (ID) (Lukas, NY)

MARINE

- 2103.5 Yarmouth Coast Guard: Canada 0437 USB (wkg CCGC re/overdue ship) (Bergadano, NJ); NMN37: US 0104 USB (wx, NOTAM) (Bergadano, NJ)
- 2406 Nordic Empress: 0327 7/6 USB (wkg WOM w/lst of R/T tfc for pass) (Navary, Va)
- 2450 NO ID: 0215 7/6 USB (fishing boats w/salty lang) (Navary, Va)
- 2670 NIOO: USCGC Point Chico 1458 7/24 USB (wkg NMC) (Blair, Ca); NMN80: USCG Hampton Roads Va US 0208 USB (NOTAM) (Bergadano, NJ)
- 4134 NPSE: USS Philippine Sea (CG-58) 0534 7/27 USB (wkg NMN for RTTY freqs) (Baker, Oh)
- 4372 NAS Oceana: FASFAC VACAPES 0037 7/20 USB (W/G5M relay for 7XV w/UHF frqs) (Baker, Oh) (new freq, no longer 4373); Oceana NAS: Va US 0125 7/9 USB (wkg Y3G & AIX) (Navary, Va)
- 5223 Macbeth 04: 0200 7/16 USB (wkg USCGC Dependable) (Navary, Va)
- 5320 NOYB: USCG Grp Corpus Christi Tx US 0608 7/21 USB (wkg Rescue 2137 adv to stand by until pumps on u/i vessel working) (Baker, Oh)
- 6200 USCGC Campbell: 2122 7/6 USB (wkg Commsta Boston w/R/T tfc) (Navary, Va); Smuggler: 0348 7/21 USB (wkg NMN req QSY to 3A18) (Baker, Oh)
- 6227 AAEF: USAV LTG Wm B. Bunker (LSV-4) 0117 7/2 USB (w/AAC2 w/relay to AEIL to secure rdo guard, Bunker: US Army transportation vehicle landing ship from Ft. Eustis Va) (Baker, Oh); AAFR: USAV McHenry (HLS-1) 0017 7/20 USB (clg AAC2, AAHT, AAFR, McHenry: Heavy Lift Ship assigned to Ft. Eustis Va) (Baker, Oh); KADC: Atlantis II 2248 7/21 USB (wkg KXC-713 (Woods Hole) re accidental EPIRB activation, INMARSAT down, KADC mother ves for ALVIN submersible) (Baker, Oh)
- 6501 ZLW: Wellington Radio New Zealand 0732 7/14 USB (wkg Shawnassy for R/T tfc) (Baker, Oh)
- 7535 NJUL: USS Bainbridge (CGN-25) 1725 7/12 (clg Norfolk SESEF, no joy, clg any sta on net, no joy, SESEF calls at 1818 w/rdo tst) (Baker, Oh)
- 7536.5 AC5: 1813 7/12 USB (clg AC4, no joy, net monitored for several months, poss U.S. Army or USAV, call shortened from ACC to AC) (Baker, Oh)
- 7626 Ghost 92: 0645 7/22 USB (clg USCGC Dependable, no joy, air guard req, cancels air guard, contact w/USCGC Harriet Lane, freq is primary for ABLE MANNER (Haiti), 5223 secondary freq) (Baker, Oh)
- 8198 ELNC5: Ecstasy 0039 7/28 USB (8198/8722, R/T tfc w/WOM) (Baker, Oh)
- 8204 C6FA7: George H Weyerhauser 1754 8/1 USB (wkg KMI) (Blair, Ca)
- 8207 KPSB: Coronado 0230 7/7 USB (8207/8731, clg WOM) (Baker, Oh)
- 8216 Scandinavian Song: 0210 7/20 USB (8216/8740 wkg WOO w/R/T tfc) (Baker, Oh)
- 8219 GSYA: Jubilee 0404 7/7 USB (8219/8743 wkg KMI w/R/T tfc) (Baker, Oh)
- 8234 3ETG9: Royal Majesty 0207 7/7 USB (8234/8758, R/T tfc WOM) (Baker, Oh)
- 8240 NAFO: USCGC Cowslip (WLB-277) 1931 7/1 USB (8240/8764, w/NMN re HF DL problem) (Baker, Oh)
- 8267 ELFT8: Celebration 0128 7/28 USB (8267/8809, wkg WOM w/R/T tfc) (Baker, Oh)
- 8270 ELNG6: Horizon 1541 7/2 USB (wkg WOO w/R/T tfc) (Baker, Oh)
- 8285 LAOI4: Majesty of the Sea 0058 7/28 USB (8285/8809 wkg WOM w/R/T tfc) (Baker, Oh)

8376 LAZE2: Probo Baro 0200 7/2 USB (red flare obs w/parachute, steering towards flare) (Navary, Va)
8719 NRDC: USCGC Campbell (WMEC-909) 0239 7/20 USB (W/NMN re/emergency pp) (Baker, Oh)
8737 ZLW: Wellington Radio New Zealand 0744 7/2 USB (wkg Kibei w/R/T tfc) (Baker, Oh)
8740 OXZ: Lyngby Radio Denmark 0106 7/20 USB (voice marker, tfc lst ?) (baker, Oh)
8743 HEB: Berne Radio Switzerland 0529 7/7 USB (wkg Meltonia Brussels w/R/T tfc) (Baker, Oh)
8746 EHY: Madrid Radio Spain 0153 7/6 USB (tfc lst) (Baker, Oh)
8749 LFL7: Rogaland Radio Norway 2315 7/19 USB (wx, u/i vessel) (Baker, Oh)
12242 NRUO: USCGC Polar Sea (WAGB-11) 0108 7/22 USB (12242/13089 wkg NMF re/RTTY freq) (Baker, Oh)
12254 LAMU4: Monarch of the Seas 1954 7/5 USB (R/T tfc) (Navary, Va)
12353 WPE: Tug Communications Inc Jacksonville Fl US 2248 7/6 USB (wkg Tug Dearing w/position, info) (Baker, Oh)
13104 EHY: Madrid Radio Spain 2200 7/19 (tfc lst) (Baker, Oh)
13113 PCG: Scheveningen Radio Netherlands 2013 7/20 USB (wkg ves CNOV) (Baker, Oh); VCS: CCG Halifax Radio Canada 2205 7/19 USB (EPIRB activation-ships to keep watch, notice of overdue German ship, gale warning) (Baker, Oh)

PHONE

5400 WNFT417: Bell Telephone Morristown NJ US 1546 7/1 USB (tst clg IBM-1, QSY to other freqs for more tst, USCOE ch. 8) (Baker, Oh)
6778 5WN: 0048 7/13 USB (wkg C5R for for callsign info, rx ck w/L) (Braun, Va)
8041 Career Wind: 0055 7/13 USB (wkg nastural (?) on Echo 4, switch to Echo 2, if no joy QSY Echo 4) (Braun, Va)
10493 WGY912: FEMA Mt. Weather Va. US 1618 7/6 USB (Ch. Foxtrot 26 w/row call, reply from WGY908 Denver Co) (Lukas, NY)
10780 Cape Radio: 1247 7/17 USB (rx ck w/Orion 1, Agar 21, Riot Control, talk of Shuttle Discovery scrub) (Braun, Va)
13974 NNNOICE: US Navy MARS Antartica 0033 USB (wkg NNNOLNB w/pp) (Bergadano, NJ)
14441.5 NNNOCPK: USS Horne 0022 7/8 USB (wkg NNNOUTO) (Navary, Va); NNNOCOA: USS Arleigh Burke 2155 7/11 USB (clg ASSMS, NNNOCYC) (Navary, Va)
14467 NNNOCOU: USS Saratogo (CV-60) 2319 7/27 USB (wkg NNNOTDU w/pp) (Baker, Oh)
14478.5 NNNONCA: USCG Loran Stn Marcus Is. 2218 7/11 USB (clg NNNOUTO, very weak sig) (Baker, Oh)
19800 NO ID: 1333 7/12 LSB (mideast ?, tfc re/return & expected departure, nothing heard on following days) (Halligey, UK) (a warm welcome to the column Geoff-MW)

RTTY/FAX

518 ZSC: Navtex Capetown Radio South Africa 0700 SITOR B (test tx) (Hall, SA)
7863.1 BJZ21: Meteo Wuhan China 1910 378R/75 (wx codes) (Hall, SA)
7959.1 9BC23: IRNA Tehran Iran 1903 389R/50 (EE nx) (Hall, SA)
8165.2 NO ID: 1855 454R/75 (5 ltr grps, off w/ALL QTC41) (Hall, SA)
8379.5 BPFb: Jian She 2 1421 7/22 SITOR A (wkg XSG) (Blair, Ca)
8380.5 SQNN: Powstaniec Styczionwy 1350 7/22 SITOR A (wkg 9VG78) (Blair, Ca)

8382.5 3EDX4: Super Spirit 0334 7/30 SITOR A (wkg KPH) (Blair, Ca)
8420.5 9VG78: Singapore 1348 7/22 SITOR A (wkg SQNN-Powstaniec
Styczniowy) (Blair, Ca)
8427.6 SPA41: Goynia Radio Poland 1850 SITOR B (tfc lst) (Hall, SA)
8470.8 ZRH: Comnavop Cape South Africa 1109 170R/50 (wkg AIG 1249-SAS
Wingfield Subalert) (Hall, SA)
9041.3 5YE: Meteo Nairobi Kenya 1845 (aero tfc, wx codes) (Hall, SA)
9072.7 TLO: ASECENA Bangui Central African Republic 1902 ARQ M2 403/96
(aero tfc ch. A (OFA)) (Hall, SA)
9079.9 RFQP: French Forces Djibouti 1906 394/96 (idling) (Hall, SA)
9084.2 NO ID: 1910 489/96 1910 (unknown) (Hall, SA)
9110.2 NO ID: 1830 480N/75 (5 ltr grps) (Hall, SA)
9135.7 TTL: ASECENA N'djamena Chad 1724 ARQ E3 162/48 (ID, metar) (Hall,
SA)
9262.1 NO ID: 1920 191/86 (unknown) (Hall, SA)
9338.4 RCH72: Meteo Tashkent Uzbekistan 1936 FAX 576/60 (poor chart)
(Hall, SA)
10115 FDY: NO ID 0626 ARQ E3 395/96 (sounded close, French Forces ??,
idling) (Hall, SA)
10130.1 NO ID: 0642 842/50 (USN Cutler Base ??) (Hall, SA)
10133.7 TZH: ASECENA Bamako Mali 0650 425R/50 (RY, ID, garbled tfc)
(Hall, SA)
10230 RKA78: Russia 0325 FAX (wx chart) (Bergadano, NJ)
10249 ECA: Spain 0330 FAX (wx charts) (Bergadano, NJ)
10400.4 RFQP: French Forces Djibouti 1955 ARQ M2 367/200 (idling) (Hall,
SA)
10811.7 NO ID: 1944 993/86 (unknown) (Hall, SA)
10841.4 RFQP: French Forces Djibouti 1940 ARQ M2 435/200 (idling) (Hall,
SA)
10869.4 RFVI: French Navy Le Port Reunion 1933 ARQ E3 385/100 (idling)
(Hall, SA)
10873.9 RFVI: French Navy Le Port Reunion 1930 ARQ E3 425/100 (idling)
(Hall, SA)
11039.2 DDH9: Meteo Hamburg Germany 1925 425R/50 (RY, ID) (Hall, SA)
11606.3 BZG41: XINHUA Beijing China 1915 409R/74 (EE nx) (Hall, SA)
11638.2 DDK8: Meteo Hamburg Germany 1911 402R/50 (wx codes) (Hall, SA)
12044.1 NO ID: 1658 239/50 (unknown) (Hall, SA)
12072.9 NO ID: 1155 ARQ M2 377/96 (AFTN Niamay ?? w/aero comms/wx) (Hall,
SA)
12108.5 NO ID: 1655 159?/64 (unknown) (Hall, SA)
12115 GXQ: BA London UK 1650 VFT 170N/R/50 (test tapes on several ch.)
(Hall, SA)
12140.4 HWN: French Navy Paris France 1647 789R/75 (RY, ID) (Hall, SA)
12165 RKB78: Meteo Moscow Russia 1642 FAX 576/60 (fair chart) (Hall,
SA)
12170.2 RNR4: Meteo Magadan Russia 1638 FAX 576/120 (fair chart) (Hall,
SA)
12212.7 YZ07: TANJUNG Belgrade Yugoslavia 1635 420R/50 (EE nx) (Hall, SA)
12228.6 BZR62: XINHUA Beijing China 1630 369R/72 (EE nx) (Hall, SA)
12478 WBQ3861: Seawind 0030 7/23 SITOR A (wkg KFS) (Blair, Ca)
12563 UVIF: Saadyarv 0258 7/8 170N/50 (RYs, ID to URL) (Blair, Ca)
12565.5 UNIX: Rus 2356 7/27 170N/50 (wkg UJY-ex Tanya 2 J8DU3) (Blair,
Ca)
12574 UWVD: Verhovina (MB2413) 0012 7/20 170N/50 (wkg UDK2) (Blair, Ca)
12579.5 9VG80: Singapore 1409 7/23 SITOR A (wkg 9V3794) (Blair, Ca)
12588 UFH: Petropavlovsk-Kamchatskiy Russia 1426 7/23 170N/50 (5 ltr
grps to ULKB-Spassk) (Blair, Ca)

16691 UOWK: Makeyevka 2329 7/7 SITOR A (wkg UPB) (Blair, Ca)
16694 C6KT2: Sprinter 1705 8/3 SITOR a (wkg KPH) (Blair, Ca); SQEW:
Eugeniusz Kwiatkowski 1935 8/3 SITOR A (wkg KPH) (Blair, Ca);
3EMF9: Republica de Columbia 1948 8/3 SITOR A (wkg KPH) (Blair,
Ca); BOAB: Tai He 2000 8/3 SITOR A (position rpt to KPH) (Blair,
Ca)
16699.5 LAIJ2: Dyvi Baltic 1452 7/23 SITOR A (wkg HPP) (Blair, Ca); SKWJ:
Isolde 1655 7/23 SITOR A (wkg HPP) (Blair, Ca)
16708 3EJG8: Hamlet Saudia (ex Santa Barbara III) 2313 7/29 SITOR A
(wkg WLO) (Blair, Ca)
16796.9 UBPO: Mechanik Kilimencuk 1255 170N/50 (wkg Odessa using UJQ)
(Hall, SA)
16797.6 UZFR: RTMS Promotey 1253 170N/50 (wkg K'grad) (Hall, SA)
16799.6 TR Ussurijskij Zaliv: 1250 170N/50 (wkg Sevastopol) (Hall, SA)
16800.6 VSLX: TH Rakvere 1247 170N/50 (wkg K'grad) (Hall, SA)
16814.5 UPB: Provideniya Russia 0246 7/29 SITOR A (wkg UGWB-Posyet)
(Blair, Ca)
17160.2 NO ID: 1920 463/100 (unknown) (Hall, SA)
17470.3 BZS28: XINHUA Beijing China 1143 367R/75 (EE nx) (Hall, SA)
18035.4 ZRH: South African Navy 1207 840/75 (foxes, 10 county, RY, ID,
INT.ZBZ) (Hall, SA)
18041.1 HGX21: MFA Budapest Hungary 1210 799R/50 (wkg Hungarian emb
w/HH/FF nx) (Hall, SA)
18242.2 ZRO4: Meteo Pretoria South Africa 1310 435R/75 (wx) (Hall, SA)
18890.6 NO ID: 1625 SITOR A (5 ltr grps) (Hall, SA)
18924.9 NO ID: 1620 827R/75 (coded tfc) (Hall, SA)
19011.8 PCW1: Hague Radio Netherlands 1314 SITOR A (DD nx) (Hall, SA)
19048.3 RFFMH: French Navy ? Paris France 1614 ARQ E3 425/192 (wkg RFTJB
w/FF tfc) (Hall, SA)
19048.9 RFFA: MOD Paris France 1316 ARQ E3 400/192 (idling) (Hall, SA)
19057.4 NO ID: 1604 851R/75 (coded tfc) (Hall, SA)
19062.6 NO ID: 1318 154/64 (unknown) (Hall, SA)
19236.1 RFFXS: FM Detalat Omuson 1550 ARQ E 415/96 (FF tfc for RFFEBU &
REGHLICO PAU) (Hall, SA)
19236.2 RFFXS: French Forces Versailles France ?? 1210 ARQ E 403/72 (wkg
QYQF ET DF13 DES PE) (Hall, SA)
19256.8 FM Boustane Paris: 1158 SITOR B (to Khargia Cairo) (Hall, SA)
19404 FSB63: INTERPOL Lyons France 1150 SITOR A (coded tfc) (Hall, SA)
19418.8 NO ID: 1145 ARQ E3 386/192 (idling, MOD Paris France ??) (Hall,
SA)
19420.3 NO ID: 1135 ARQ E4 487/96 (idling) (Hall, SA)
19529.4 JMG5: Meteo Tokyo Japan 1320 831R/50 (wx codes) (Hall, SA)
19707.1 UXN: Arkhangelsk Radio Russia 1200 SITOR B (tfc lst) (Hall, SA)
19734.6 URD: St Petersburg Radio Russia 1200 SITOR B (tfc lst) (Hall, SA)
19747.7 6VU79: Meteo Dakar Senegal 1704 386N/50 (FF wx, codes) (Hall, SA)
19751.5 6VU79: Meteo Dakar Senegal 1700 FAX 576/120 (poor chart) (Hall,
SA)
22353.6 UZUR: RTMS Kulikovo Pole 1155 170N/50 (wkg K'grad) (Hall, SA)
22354.1 EKXP: TKH Khariton Greku 1225 170N/50 (wkg Odessa) (Hall, SA)
22356.6 UTYL: RTMS Chepetovka 1215 170N/50 (wkg Sevastopol) (Hall, SA)
22362.5 UFJM: RTM Asteroid 1218 170N/50 (wkg K'grad) (Hall, SA); LYIO:
SST Turinella 1159 170N/50 (wkg K'grad) (Hall, SA)
22362.6 UFOD: Sergei Korshunovivh 1147 170N/50 (wkg K'grad) (Hall, SA)
22377.1 GKE7 ?: NO ID 1237 150R/75 (NAWS coded wx, Portishead ??) (Hall,
SA)
22380.1 PCH75: Scheveningen Radio Netherlands 1240 SITOR A (tfc, cw ID)
(Hall, SA)

22386.6 WCC: Chatham Radio Ma US 1200 SITOR B (wx) (Hall, SA)
22386.? UFN: Novorossiysk Radio Russia 1244 SITOR A (w/greetings to
ships) (Hall, SA)
22394.1 OXC: Lyngby Radio Denmark 1252 SITOR A (ID) (Hall, SA)
22395 UBN: Mariupol Radio Ukraine 1255 SITOR A (ID) (Hall, SA)
22399.1 A9M: Hamala Radio Bahrain 1259 SITOR A (ID) (Hall, SA)
22401.1 HEC62: Berne Radio Switzerland 1302 SITOR A (ID) (Hall, SA)
22422.4 MTO: Royal Navy Roysth Scotland 1306 814R/75 (test tape) (Hall,
SA)
22501 UFN: Novorossiysk Radio Russia 1139 170N/50 (NAVAREA 037
warnings) (Hall, SA)
22542 JJC: Tokyo Japan 1143 FAX 288/60 (JJ nx paper) (Hall, SA)

While I have a little room, I'd like to pass on a few tips. Tim Braun suggests that 7741 be monitored be some interesting tfc. I've been hearing quite a bit of coded tfc on DEA freqs lately. They might be worth following. Refer to Grove's Shortwave Directory for a list of freqs. Bill Bergadano asks if Berne LDOC on 6643 is off the air. Does anyone know? Also, I've been having problems getting good reception of RTTY/FAX tfc. I installed 2 piece toroid cores (380-0020F, 380-0043F) from MEMDELSON'S (1-800-344-4465) on every cord in the shack and things improved ALOT. A good ground system is next.

UTILITY NOTES

News and Information from the World of Utilities

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OFFUTT AFB, NE -SUNN (Speedx Utility Notes News)

Welcome to another month of Utility Notes! I started this column at Offutt AFB, NE, where I spent two days for their annual open house and air show. We got there in time for "ZOOMIE 42", a Schweizer TG-7A training glider from the Air Force Academy, to land for the show. Also present was QUAIL 80, a T-1A Jayhawk specialized pilot trainer, 64th Flying Training Wing (FTW), Reese AFB, TX, a DRAGON or HAWK callsign B1-B from Dyess AFB, TX, a CUJO or RISKY callsign B-52G from the 34th BS, and BLUE ANGLE 01 through 09. The 09 is the C-130 support aircraft. There were of course many others, many of these callsign's are heard on the GHFS (Global High Frequency Station) frequencies, Offutt being one of the GHFS stations.

Got to talk to a lot of the crews, including the crew of a 412 (Transport) Squadron Canadair Challenger (tail 144616) based at Ottawa. They did confirm the proper radio callsign of Canadian Forces aircraft to be "CANFORCE". Some have debated the term being CANFORS, despite CANFORCE also being listed in the "tower" ICAO voice callsign lists. This is a VIP transport squadron, who uses the callsign CANFORCE 01 when transporting the Prime Minister of Canada, as does any Canadian Forces aircraft. When not transporting the PM, these aircraft use the 3700 numeric series for VIPs.

We drove out to the various Offutt annex communications centers located in the area. First stop was Elkhorn, NE, location of Annex 2, the transmit site for Offutt GHFS. The antennas, about 3 conical and 6 LPH-89, were all surrounded by cornfield's. Next was Scribner, NE., where a sign directed us to "Scribner Air Base". Well, Scribner Air Base was an

abandoned air field for the most part, but sure enough we found the Offutt GHFS receive site. There were only one conical, and two of the LPH-89 antennas. After that, a failed attempt to find Annex 3, listed in the book "Nuclear Battlefields" as in Hooper, NE. (any idea's?).

The next day the VLF transmitter site at Silver Creek, NE., was located. Built in the 1950's, this was a SAC airborne command post ground entry point, or GEP, where they were capable of beaming the multiplexed (MUX) wide-band FM signal used for communications for links with the autovon/DSN military telephone net. The VLF system is used to maintain comms between the bombers, missile sites and other Strategic Command (STRATCOM) assets. This was a large single tower with a large insulator at the base, with a tunneled entrance visible below it. The tower supported what looked like strings of insulated wire antenna on the upper third, or half. There were also several VLF loops visible, probably used to receive GWEN (Ground Wave Emergency Network) VLF signals. Also a lone HF conical antenna could be seen, and what may be a UHF wide band MUX antenna on the tower. With SAC gone, the sign at the gate showed the facility as 1 ACCOOMG, USAF. This site sends out STRATCOM coded data on 58.5 Khz. It's also in the middle of a cornfield, quite away back from the public road we sure stayed on due to the other signs.

What kind of signs could so easily prevent your illustrious editor from "digging" deeper for this story? How about "Use of Deadly Force Authorized", a lot more sterner than the typical "subject to search" signs seen at the other sites!

The USAF has undergone some major changes in it's structure in the last year. More than in it's previous 46 years! Next month I'll try to recap some of these changes for you military UTE folks, as many do effect what we listen to, now back to our regularly scheduled column...

We have a ton of information to pass along so let's get to it. Jim Navary (VA) came up with another mystery station.

Maritime Packet Racket By Jim Navary

"I captured the text which follows from 0325 - 0420 UTC on 16 June 93. These were packet radio transmissions (300 baud) on 6262.0 (zero beat freq.) in the maritime service band, any ideas?" Below is a small sample of what Jim sent:

YP683*>NAMACS <C> ["NAMACS" stands for Navy Modular Automated Communications System, RD]

YP680*>RELAY>APRS:

@152322/3857.78N/07626.40W/155/0.0/SATNAV Fix

CHLNGR :SEE YOU IN AM - CHECK NAMACS FOR A MSG FROM LT A.{2

YP690*>RELAY>APRS:

@152339/3857.97N/07625.93W/217/0.0/SATNAV Fix

YP694*>RELAY>APRS:

YP689:HELLO, IT'S DEB ...HOWS EVERYTHING ON THE 89{1

YP679*>RELAY>APRS:

@160000/ANCHORED, CLEANING, AND WONDERING

When Jim first sent this to me, I thought these may be aircraft due to all the "SATNAV Fix" entries. Due to the reference to NAMACS, I knew this had to be Navy comms. I asked Jim to send some more data, which he did the next day:

SATFAC-8>RELAY*>BEACON:

@251000/Just talked to Newport RI on 6,8 & 12. 12 was best

OCEAN*>RELAY>APRS:

@260303/3901.93N/07616.48W/175/0.0/SATNAV Fix

YP693*>RELAY>APRS:

@260258/4127.91N/07034.51W/107/7.5/SATNAV Fix

DANDY*>RELAY>APRS:

@260032/DANDY HEADED NORTH, NICE RIDE DOWNWIND WINDS 24.5 TRUE

Jim added a little info for the "packet dumb" (me). "The first line of each transmission is a sort of routing and ID header. The first ID is the originating station. In this batch we have four different stations originating traffic (SATFAC -8, OCEAN, YP693, and DANDY). The last ID on the header line (BEACON, and APRS) is the station the packet is intended for. In the ham world, and it appears to hold true here, BEACON is a broadcast transmission. With ham packet, BEACONS are generally automated to be sent every "nn" minutes. Usually used to announce the presence of a BBS station or a digipeater. Looks like these guys are using it for traffic meant to be copied by all on their net. The middle ID (RELAY) is just that - a relay station or digipeater (digital repeater). The asterisk indicates which station in the link you are actually copying (it is appended by the receiving software, not sent by the packet station. So, in the first case, I copied "RELAY" rather than SATFAC-8. It seems strange that I never heard any "acknowledgment" packets being returned by the receiving stations. This makes me think that there is another duplex freq out there. The six digit number at the beginning of the second line of each packet (e.g., @251000) seems to be a date/time group with the month "understood" (1000 hours on the 25th). Some of these DTGs were reasonably close to the actual time (local time for EDT). These first four packets were received shortly after 0700 UTC (0300 EDT). What is confusing is that some of them are not remotely close to the actual time. Seeing how some of them are repeated throughout the night, perhaps they are truly "beacon" type messages sent periodically, over and over":

YP681*>RELAY>APRS:

@260137/IN VINEYARD SOUND, CONDITIONS NORMAL

YP693*>RELAY>APRS:

@260303/4127.91N/07034.51W/107/7.5/SATNAV Fix

YP694*>RELAY>APRS:

@252305/P1A MOORED PIER 17 NY, ALL'S WELL ALL SYSTEMS GO ON ALL BOATS.

@260059/A4/CDO A3 AND A4 WILL MOVE TO PIER 17NORTH IN MORNING

OCEAN*>RELAY>APRS:

@251926/OCEAN ANCHORED IN CHESTER RIVER. A-OK.

YP689*>RELAY>APRS:

@252045/INPORT NAVSTA BASIN. MONOTERING ALL BEACONS.

SATFAC-8>RELAY*>BEACON:

Based on this new data, it became apparent that we were dealing with things that float, not fly. Then it stuck me that those YP numbers did look a little familiar. YP are seamanship training craft! They are kind of all-around craft...and can also be used as patrol vessels, diving tenders, and mine counter-measures. These craft resemble a large commercial ocean-going cruiser. They have a wooden hull with aluminum super-structures, and displace 172 tons with a full load. Speed is 12 knots with a range of 1,500 nautical miles. Status of YP680: Assigned as seamanship training vessel, Naval Academy, Annapolis, MD. I checked all the other "YP" numbers Jim picked up, and sure enough, they are all valid numbers,

all assigned to Annapolis. This system may be used at Annapolis to keep track of the YP's. Another good catch. Thank's Jim, and welcome back to Speedx!

New Products

Just in from Klingenfuss Publications, Germany, is their July 1993 line-up of publications on utility radio stations. Brand new is the Compact Disc Recording of Modulation Types (1st edition).

This a double CD containing various types of electromagnetic emissions recorded recently by a professional monitoring service in Europe. These two CDs allow the identification of all present emissions of utility stations transmitting on SW and cover a total of 2-1/2 hours.

71 different recordings cover speech, morse, facsimile and teleprinter systems such as ACARS, Arabic, ARQ-E, ARQ-E3, ARQ-M, ARQ-N, ARQ6, ASCII, ATU-Arabic, AUTOSPEC, bit inversion, CIS, Cyrillic and third-shift Cyrillic, DUP-ARQ, FEC-A, GOLAY, HC-ARQ, HNG-FEC, ITA2, ITA5, MCVFT, NATO Link, Packet Radio, PACTOR, Piccolo, POCSAG, POL-ARQ, QAM, RS-ARQ, RUM-FEC, SI-ARQ, SI-FEC, SITOR, SPREAD, SWED-ARQ, and TWINPLEX.

The digital recording technique is suppose to prevent any play-back speed deviations. While I haven't heard these disc's, the reputation of Klingenfuss, especially in these areas of RTTY and FAX, is very good. All this can be yours for DEM 100 plus DEM 10 for overseas airmail. I'm not up on the current conversion rate, but I'm sure the normal distributors will have these available here in the U.S. and elsewhere.

Also, new editions are out for their Guide to Facsimile Stations (13th edition) and the Air and Meteo Code Manual (13th edition). Guide to Facsimile has reportedly been "drastically" modified with new and revised station information for a large number of stations, and now contains 337 sample charts and pictures. Air and Meteo explains the new revised aeronautical code forms ARFOR, METAR, ROFOR, SPECI, and TAF used since July 1, 1993. This book also includes station index numbers and ICAO location indicators and aeronautical company designator's.

Other publications for the UTE available include Guide to Utility Stations (11th edition January 1993), Compact Cassette Recording of Modulation Types (5th edition June 1989), Radioteletype Code Manual (11th edition January 1993), and Guide to Former Utility Stations (5th edition July 1991). For more information write Klingenfuss Publications, Hagenlher Str.14, D-72070 Tuebingen, Germany.

U.S. NAVY

If the Defense Base Closure and Realignment Commission recommendations stand, the Navy will close two major installations, Charleston Naval Shipyard, S.C. and Mare Island Naval Shipyard in Vallejo, CA. The Navy would also close six air stations, four naval stations, 12 technical centers, two training centers, three aviation depots, 35 Naval and Marine Corps Reserve Training Centers, two hospitals, and 32 Naval and marine Corps data processing centers.

Ship News

In other news for military UTE's, the Navy has: Decommissioned the USS Iwo Jima (LPH-2) after 32 years of service; commissioned the Fleet Missile Ballistic Submarines Nebraska (SSBN-739) and Rhode Island (SSBN-740), the 14th and 15th of 18 Ohio-class subs to be built. U.S. Navy Arleigh Burke-class Aegis Guided Missile Destroyers: USS John Paul Jones (DDG 53): Recently completed sea trials. Taking on fuel and munitions. Should depart Bath for commissioning in the next month, possibly to Norfolk, VA. USS Curtis Wilbur (DDG 54): On sea trials. USS John S.

McCain (DDG 56): Launched, fitting out. USS Laboon (DDG 58): Launched, fitting out. USS Paul Hamilton (DDG 60): Launched July 24, fitting out. USS Fitzgerald (DDG 62): Building. Superstructure work being done. Will be launched December 11. USS Carney (DDG 64): Preparations for keel laying. USS Gonzalez (DDG 66), USS The Sullivans (DDG 68), USS Ross (DDG 71), and unnamed DDG 72 are planned. DDG 75 and DDG 76 should be ordered soon.

U.S. AIR FORCE

The Pentagon's efforts to help fight the nation's drug war is under review because of an overall examination of counter-drug programs. The review is expected to take about two months and will examine all aspects of the Department of Defense's counter-drug program.

The review comes at a time when some critics "have questioned the effectiveness of military efforts, particularly in air and sea interdiction of illicit drug flow". Air Force E-3 AWACS aircraft are one of the many command and control systems that routinely spend hundreds of hours searching for airborne drug smugglers. The aircraft augment the federal government's counter-narcotics detection and monitoring programs in the Caribbean, the eastern Pacific and around the world.

The Air Force also manages the Caribbean basin radar network, which is a string of high-tech radars that can track a target aircraft until it is met by U.S. agents or host country authorities. In addition, the Air Force helps train federal, state, local and foreign law enforcement officers.

The Pentagon's counter-drug program -- coordinated by the Office for Drug Enforcement Policy and Support -- involves all the military services, the five geographic military commands, the National Guard Bureau, and agencies such as Defense Intelligence and Defense Security Assistance. Although the Pentagon played a small role in the national anti-drug efforts until 1989, the tempo has grown by more than 250 percent since 1990.

Operational F-15E Squadron

The 492nd Fighter Squadron at RAF Lakenheath, England became the only operational F-15E squadron in Europe with the arrival in June of its 26th aircraft. The F-15E Strike Eagle replaces the F-111F previously flown by the 48th Fighter Wing. The wing's F-111s were transferred to Cannon AFB, N.M., with the last F-111 departing in December. The wing's 494th Fighter Squadron also is converting to the F-15E and currently has 19 of its 26 aircraft.

T-3A Rollout

Air Force officials attended a rollout ceremony for the T-3A Firefly at the Slingsby Aviation Limited of Great Britain manufacturing facility in York, England, July 8. The T-3A will replace the T-41 trainer currently used to evaluate Air Force Academy cadets and pilot candidates for fighter or transport career tracks. The Air Force is buying 113 of the enhanced flight screeners and will accept the first two aircraft in November. The other 111 will be delivered over the next 25 months.

U-2 Supports Flood Relief

The 9th Wing at Beale AFB, CA., sent a U-2 high above the Mississippi and Missouri rivers July 13 to get photos of the flood-ravaged Midwestern areas. To date, the U-2 has made four photo reconnaissance flights at the request of the Federal Emergency Management Agency and the U.S. Army Corps of Engineers.

Base officials said the U-2 will continue flying these missions to

detail the extent of the damages and allow for future studies of the Midwest river channels.

U.S. COAST GUARD

Gremlins

The "gremlins" got into last month's column, and in Jim Navary's information on the Island-class WPB's the Knight Island is shown both as WPB-1347 and WPB-1348. The Knight Island is WPB-1348. There is nothing shown for the 1347, but as Jim recently heard the Pea Island, I would agree that it's probably the missing WPB-1347.

A few other new addresses for cutters are: USCGC Point Baker (WPB-82342): P.O. Box 488, Sabine Pass, Tx., 77655-0488, and USCGC Mariposa (WLB-397), c/o CG Support Center, 1519 Alaskan Way South, Seattle, WA, 98134-1192.

One last point of interest is a couple new frequencies for the U.S. Coast Guard in Operation Able Manner (Haitian Refugee Op's). 7626 Khz seems to be primary with 5223 stated as secondary, but nothing heard there yet. Both USB. 7626 is supposed to be tactical channel ID "3 Echo 10" (3E10), while 5223 is "3 Echo 5" (3E5). Cutters are using plain ID by name, while aircraft have been using tactical callsign's.

U.S. Army

Yes, we have news on the Army this month! I have been listening to comms for months on 6227.0 Khz, USB. I've found this to be the U.S. Army Transportation Corps, at Fort Eustis, Va., primary.

An odd choice as it's a limited coastal station frequency! The AAC2 the ships are always in comms with, is listed in Gayle Van Horns' International Callsign Directory as USAV Bunker. I strongly suspect that it's either a Fort Eustis Transportation Corp callsign, or the 10th Battalion's callsign. It's apparently a shore station, the ships always check in there and tell them to secure their guard for the day. The Transportation Corps is the Army's, Navy.

Marine/Non-Military Ships

Also on 6227 Khz I caught the R/V Atlantis II in comms with the Woods Hole Oceanographic Institute, Atlantis is a Woods Hole research vessel. Atlantis II carries the DSV "Alvin", which you may remember found the wreck of the Titanic. They sent a ton of information of their ships, and the Woods Hole Oceanographic Institute. I'll try to pass more on next month.

Ships Callsign's By Robert Hall, Capetown, RSA

"Many months ago I asked where I might buy a list of Ship's Callsign's; the question was posed in a number of publications and was followed by a pretty long "hush"! A search through UK libraries and book shop's was commissioned, and enquiries made with famous "Janes Publications". At last a kindly SWM reader came up with a good bookstore address and at the same time I followed up on another suggestion (by Fred Osterman of Universal Radio) to write to: "Union Internationale Des Telecommunications, Place des Nations, CH-1211 Geneva, Switzerland".

"The ITU replied immediately with a pamphlet giving interesting details of all their many publications and their prices. For GBP60 they airmailed me some 10 kilos (yes, kilos!!!!) of Ships Callsign and Name Lists, and each month I receive updates - also by airmail but weighing

only around 1/2 kilo! This seems a very good value to me especially since I have now heard that the same material is being sold in the UK for GBP130 plus postage (cost of 10 kilos by airmail - the mind boggles!!). Ships Callsign and Name Lists provide interesting detail for RTTY buffs equipped to receive the SITOR A & B modes".

Thanks Robert. The new 1993 ITU ship callsign book "List of Ship Stations - List V, 33th Edition" plus supplements, has just been released. For US\$62.00/SF\$85.00 you can order this "little" gem from the ITU, as Robert describes. Payments should be made out to the General Secretariat of the ITU. Bank info is: Swiss Bank Corporation, 2 rue de la Confederation, CH 1204, Geneva, Switzerland. Account no. C8-765.656.0. This would be used for a Chemical Bank International check, or for a postal check use: account no. 12-50-3 Geneva.

Tale of a Ship

In a recent veri letter, Efstathios Dimou, Chief Radio Officer and Dionysios Apostolatos, 1st Radio Officer of the S/S Britanis sent copies of an article from a 1957 magazine, whose name I can't make out.

The article, written by Edward F. Oliver, "It Happened on old Monterey" tells a fascinating WWII story of the present day Britanis, which is the ex-Monterey.

Pressed into service as a troop transport ship during the war, the ship was part of a convey (KMF-25A) bound for a Naples. On November 6, 1943, the convoy was attacked by several waves of German aircraft.

Although the Monterey was not hit, several other transport ships were, including the S/S Santa Elena. The article goes on to describe in great detail what the author describes as "one of the greatest sea adventures of the war", the rescue of more than 3000 troops and merchant crew from one troop ship by another, at night and without a single casualty.

The ships peacetime Captain, who remained at the helm during her war years, Elis R. Johnson, received the highest award that can be bestowed upon a member of the American Merchant Marine -the Merchant Marine Distinguished Service Medal.

It was great reading, Monterey went on to become the Matsonia and the present day Britanis. A sticker on the cover of this magazine shows it belonged to "Capt. Elis R. Johnson, San Francisco, CA".

AERO

I came up with a little more information on NASA's SR-71's. I was able to obtain the NASA numbers for all three: 64-17956 SR-71B NASA 831 (FAA ID: N831NA), 64-17971 SR-71A NASA 832 (FAA ID: N/A), and 64-17980 SR-71A NASA 844 (FAA ID: N844NA).

Tip of the Hat

This months Utility Notes Tip of the Hat goes to the radio officers of the S/S Britanis. The six double sided photo copies on the WWII history of the ship was very much appreciated! Had a "UTE" go out of their way for you? I'd like to hear about it. The gathering of U.S. Coast Guard aircraft information continues, with a great start from Mike Schulsingers' list. Those of you on the west coast that monitor these comms can help by sending any "homeplate's" noted out your way.

That's all the room for this month, this is "RD" signing off...

SPEEDX members had this information over two months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the column's include:

- o The DXperience: Focusing on notes, news, and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame
- o Trash & Treasure: Information on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber
- o WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson.
- o Western Hemisphere: SWBC logging's column edited by Don Thornton
- o Europe: SWBC logging's column edited by Bob Colyard
- o The Commonwealth: SWBC logging's column edited by Bruce Robinson
- o Africa: SWBC logging's column edited by Paul Wakefield
- o Asia/Oceania: SWBC logging's column edited by William Westenhaver
- o QSL Report: a QSL reporting column edited by Michael Fanderys
- o Utilities: Utility DX logging's, frequency lists and schedules, edited by Mike Wolfson
- o Utility Notes: News and information on the world of utilities, edited by Rick Baker
- o Speedx Awards: A wide variety of awards are available for members DX'ing accomplishments, Harold Woering, Awards Chairman
- oand more!

If you would like to learn more about the SPEEDX radio club, (the Society to Preserve the Engrossing Enjoyment of DX'ing), a non-profit volunteer hobby organization founded in 1971, please write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196, DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

--

Rick Baker (ae411@yfn.yzu.edu)

Recorded live and direct from downtown Austintown, Ohio

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 3, No. 1 January, 1994 =====
=====

Edited by Richard Baker

Note: This Electronic Edition is from the October, 1993 SPEEDX member bulletin "Shortwave Radio Today". Speedx utility coverage consists of two columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike at:

Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

UTILITY NOTES: Edited by Richard "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself at:

Richard Baker
1352 Cavalcade Dr.
Austintown, Ohio, 44515-3844

Internet: ae411@yfn.yzu.edu

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UTILITIES
Edited by Mike Wolfson

AERO

- 4372 GIANT KILLER: 0230 8/25 USB (wkg 2 MIKE XRAY w/request to contact all units in playground w/request to verify if they can hear ELT on 121.5, NORFOLK RESCUE chasing several ELTs, having trouble figuring them out) (Braun, Va)
5547 SAN FRANCISCO IFSS: US 0633 8/18 USB (wkg UNITED 161, QUANTAS 16, UNITED 181) (Baker, Oh)
5598 SANTA MARIA RADIO: 0527 9/1 (wkg several flts) (Johnson, Il); SANTA MARIA IFSS: 0647 8/18 USB (wkg u/i 79, EL AL 719) (Baker, Oh); SHANWICK IFSS: 0615 8/18 USB (wkg AF-5698) (Baker, Oh)
5616 GANDER RADIO: Canada 0525 9/1 (wkg VHL 001, NORTHWEST 46, AMERICAN 56, more) (Johnson, Il)
5649 GANDER IFSS: Canada 0610 8/18 USB (wkg AEROFLOT 356) (Baker, Oh)
5692 COMMSTA JEFFERSON BARRACKS: US 2216 8/10 USB (wkg CG 6011 (HH-60 from Traverse City) w/flt ops to SCOTT AFB, poss Missouri NG w/flood relief) (Baker, Oh); NOS: Cape Cod Air Ma US 2332 8/10 USB (wkg RESCUE 6583) (Baker, Oh) (NOS, NOT wkg u/i a/c, JEFFERSON BARRACKS all wkg at same

time); COMMSTA JEFFERSON BARRACKS: US 2207 8/5 USB (clg CG 6008, no joy, possible temp COMMSTA setup for flood ops ???) (Navary, Va)

5696 COMMSTA BOSTON NMF: Ma US 0040 9/1 (wkg RESCUE 6016 w/flt ops) (Johnson, II); COMMSTA PORTSMOUTH NMN: 0059 9/1 (wkg RESCUE 6030 re flt ops) (Johnson, II); REACH 6020: 1235 8/1 USB (wkg PORTSMOUTH w/rdo chk) (Navary, Va); NAOI: USCGC Chincoteague 0500 8/4 USB (pp to District 8 Ops re ves in distress w/list, may be sinking) (Navary, Va)

5700 RED OTTER: 0612 8/23 USB (wkg ANTELOPE in clear, went secure for tst) (Baker, Oh)

5710 TIGER EYE: 0227 8/11 USB (wkg MACDILL GHFS re secure data tx, QSY from 6738) (Baker, Oh)

6535 FIR: Dakar Senegal IFSS 0248 8/18 USB (wkg u/i flt 01) (Baker, Oh)

6577 NY CLEARANCE: US 0251 8/18 USB (wkg UNITED 979, AEROFLOT 039) (Baker, Oh)

6628 SANTA MARIA RADIO: 0423 9/2 (wkg u/i flt) (Johnson, II)

6676 SYDNEY VOLMET: Australia 0805 8/4 USB (wx, ID) (Baker, Oh)

6679 AUCKLAND VOLMET: New Zealand 0623 8/18 USB (wx) (Baker, Oh)

6683 ANDREWS AFB: US 2214 8/10 USB (clg SAM 972, no joy) (Baker, Oh)

6693 OEI: 1103 8/9 USB (requesting position on Z7T, no joy, wkg PNO re trial firing-RAF) (Braun, Va)

6697 L8V: 0720 8/11 USB (w/ROMEO 9 LIMA w/rdo chk) (Baker, Oh)

6738 JAMBO 12: 0250 8/12 USB (BAKERSDALE La AFB B-52G clg MACDILL, THULE GHFS, no joy) (Baker, Oh)

6812 SAM 205: 2350 8/13 USB (pp to ANDREWS AFB w/ETA and sitrep) (Braun, Va); SAM 204: 2350 8/13 USB (pp to ANDREWS AFB w/ETA and sitrep) (Braun, Va); SAM 202: 1323 8/6 USB (wkg ANDREWS AFB w/pp to BRANDYWINE, LANGLEY, LANGLEY METEO) (Navary, Va)

8846 NOAA43: 2114 8/29 USB (wkg NY re buoy drop at 34N/68.3W) (Halstead, WV)

8864 GANDER RADIO: Canada 1554 8/12 USB (wkg UNITED 915) (Lukas, NY)

8930 AIR EUROPE 8933: 2344 8/17 USB (clg STOCKHOLM, no joy, QSY 11345, no joy) (Braun, Va)

8993 SAM 202: 2333 8/16 USB (wkg MACDILL GHFS w/pp re flt info) (Baker, Oh); SAM 204: 2334 8/16 USB (wkg MACDILL GHFS w/pp re flt info) (Baker, Oh)

9014 CHAPTER 1: 2334 8/26 USB (wkg CHAPTER 2 re course info) (Baker, Oh)

9018 NOVEMBER 93: 0052 8/17 USB (w/NOVEMBER 92 w/wx relay for Ft. CAMPBELL) (Baker, Oh)

11176 GRIFF 31: 1454 8/5 USB (wkg MACDILL, ops normal) (Navary, Va)

11233 CANFORCE 4112: 1752 8/4 USB (wkg TRENTON MILITARY w/pp w/ETA) (Baker, Oh)

11300 NAIROBI RADIO: Kenya 2314 8/11 (wkg ZAMBIAN AIR 1947, PAN AM 561) (Johnson, II); NAIROBI RADIO: Kenya 2224 8/28 (wkg u/i a/c) (D'Angelo)

11336 GANDER RADIO: Canada 1330 8/31 (wkg UNITED 943, others) (Johnson, II)

11342 ARINC HONOLULU: US 0350 8/15 USB (wkg DELTA AGKA w/pp, re refusal of landing rights, diverting to Solomon Is.)

(Navary, Va)
11351 AIR FRANCE: 2350 8/12 USB (u/i flt wkg PARIS in FF
w/problem, discussion about returning) (Braun, Va)
13267 NOAA42: 2003 8/29 USB (wkg NOAA 43 re ASDL slots)
(Halstead, WV)
15015 NAVY LL320: 1509 8/5 USB (wkg LAJES) (Navary, Va); MACDILL
AFB: US 2025 8/15 (wkg KING 24 w/pp from PATRICK METRO)
(Johnson, IL)

CW

8457 LSA4: Boca Radio Argentina 0001 8/19 (VWV marker) (Clar,
NY)
8504 ZLW: Wellington Radio New Zealand 0855 8/21 (QXN marker)
(Clar, NY)
8521 VIS26: Sydney Radio Australia 1153 8/19 (VWV ID, K marker)
(Clar, NY)
8525 WNU33: Slidell Radio La. US 0341 8/6 (ID) (Lukas, NY)
8568 FUV: French Navy Djibouti Naval Djibouti 0126 8/25 (VWV,
ID) (Clar, NY)
8578 SUH: Alexandria Radio Egypt 0312 8/21 (CQ QRU) (Clar,, NY)
8611 TAH: Istanbul Radio Turkey 0320 8/21 (ID, freqs) (Clar, NY)
8625 FUM: French Navy Papeete Naval Tahiti 1258 8/19 (VWV
marker) (Clar, NY)
8646.2 FUJ: French Navy Noumea Radio New Caledonia 0938 8/21 (VWV
marker) (Clar, NY)
8698 FJ8P: Noumea Radio New Caledonia 0945 8/21 (QRU marker)
(Clar, NY)
8700 9AR: NO ID 2359 8/25 (marker, tfc lst) (Clar, NY)
10945 CFH: Halifax Radio Canada 0311 8/21 good (ID, wx)
(Thompson, Ca)
11142 KRH50: US Embassy London UK 1730 (ID) (Hall, SA)
11455 KKN50: US State Dept Washington D.C. 0455 8/22 fair (ID)
(Thompson, Ca)
12640 LPD: General Pacheco Radio Argentina 0320 8/21 fair (ID
w/SITOR A "blasts") (Thompson, Ca)
12691 FUX: French Navy Le Port Naval Reunion 1145 8/25 (ID)
(Clar, NY)
12703 XFL: Mazatlan Mexico 1931 8/13 poor (ID) (Thompson Ca)
12721 SPH61: Gdynia Radio Poland 1831 8/20 (ID) (Clar, NY)
12730 NMC: USCG COMMSTA San Francisco Ca US 1926 8/13 fair (wx,
hurricane update) (Thompson, Ca)
12735 URL: Sevastopol Radio Russia 2316 8/24 (marker) (Clar, NY)
12740 ZLW: Wellington Radio New Zealand 0415 8/28 (wkg DHCW,
marker) (Navary, Va)
12785 XSX: Keelung Coastal Radio Taiwan 1227 8/19 (marker) (Clar,
NY)
12856 XSG: Shanghai Radio China 1059 8/24 (QRU marker) (Clar, NY)
12864 XSW: Kaohsiung Radio Taiwan 1209 8/25 (marker) (Clar, NY)
12889.5 NMO: USCG COMMSTA Honolulu HI US 0346 8/21 fair (ID)
(Thompson, Ca)
12906 DZJ: Bulacan Radio Philippines 1308 8/25 (QXN loop) (Clar,
NY)
12907.5 VHP: Canberra Naval Australia 1219 8/18 (VWV) (Clar, NY)
12923 HLW2: Seoul Radio South Korea 1027 8/21 (QXN loop) (Clar,
NY)
12942 JNA: Tokyo Naval Japan 1235 8/25 ("cancel msg", GPS
info-log adrift) (Clar, NY)

12970 PKX: Jakarta Coastal Radio Indonesia 1227 8/18 (marker)
 (Clar, NY)

12994 VIP04: Perth Radio Australia 1105 8/20 (VVV, ID) (Clar, NY)

13008 JOR: Nagasaki Radio Japan 1237 8/19 (ID) (Clar, NY)

13069 JOS: Nagasaki Japan 1529 9/1 (ID, tfc lst) (Blair, Ca)

13560 BMB: Taipei Meteo Taiwan 1640 (wx) (Hall, SA)

16640 P3UV3: Pacific Lilly 2120 8/1 (wkg NMN w/AMVER) (Navary,
 Va)

16736.1 C4MV: Maria Sitinas 1952 9/1 (wkg KPH) (Blair, Ca)

16736.5 LALC2: Igloo Finn 2254 8/23 (wkg KPH) (Blair, Ca)

16738 SZXZ: Tatiana L 2008 8/25 (wkg HPP) (Blair, Ca)

16840 GKQ6: Portishead Radio UK 2350 8/21 poor (ID) (Thompson,
 Ca)

16911.2 JNA: Tokyo Japan 1653 8/13 poor (ID) (Thompson, Ca)

16914.5 CBV: Playa Ancha Chile 2342 8/21 poor (ID) (Thompson, Ca)

16916.5 WCS: Tuckerton NJ US 2342 8/21 fair (ID) (Thompson, Ca)

16998.5 JDC: Chosi Coastal Radio Japan 0143 8/27 (QSX marker)
 (Clar, NY)

17013 KLB: Seattle Wa US 1720 8/13 good (ID, listed freq-17007.5)
 (Thompson, Ca)

17048 LPK: Argentina 1735 8/13 weak (ID) (Thompson, Ca) (who is
 LPK-PT ???)

17103 ZSG: Shanghai China 2200 8/21 (ID) (Thompson, Ca); DKI:
 Havana Cuba 2158 8/21 poor (ID) (Thompson, Ca)

17103.2 XSG: Shanghai China 1748 8/13 poor (ID) (Thompson, Ca)

17173 ZLB: Awarva New Zealand 2220 8/21 poor (JCT QRM, ID)
 (Thompson, Ca)

17522 KUN50: NO ID 1140 (possible US Embassy, ID) (Hall, SA)

22395 LPK: Argentina 1830 8/13 good (KPH QRM, 5 SITOR "blasts")
 (Thompson, Ca)

22473 CBV: Playa Ancha Chile 1818 8/13 poor (ID) (Thompson, Ca)

MARINE

2182 NMF COMMSTA BOSTON: 0100 SSB (rescue of crew of sinking
 boat HIGH STAKES) (Babin, Ma)

2598 VCP: St Lawrence Radio Canada 0739 8/19 USB (wx) (Baker,
 Oh)

2660 HMCS IROQUOIS: 0232 8/1 USB (clg SHEARWATER MILITARY, no
 joy) (Braun, Va)

2670 NMA10: USCG Grp Mayport Fl US 0625 8/16 USB (wx, MIB)
 (Baker, Oh)

3123 NMC: COMSPAC San Francisco Ca US 0435 8/20 USB (W/TAC ECHO
 to go secure on Bravo) (Baker, Oh)

3130 X3M: USN FASFAC Jacksonville Fl US 0434 8/18 USB (wkg R5I
 re RTTY msg) (Baker, Oh)

4382 WLC: Rogers City US 8/11 (wx for Great Lakes) (Johnson, Il)

4384 VAI: Vancouver CG Radio Canada 0706 8/31 USB (wx) (Baker,
 Oh)

4417 HALIFAX RADIO: Canadian Coast Guard 0100 SSB (coordination
 of ves to help crew of sinking ship HIGH STAKES) (Babin,
 Ma)

4426 NMC: USCG COMMSTA San Francisco Ca US 0742 8/18 (4426/4134
 wkg u/i ves RUDER ? re medical problem) (Baker, Oh)

5320 USCG GROUP CORPUS: Corpus Christi Tx US 0333 8/15 USB (wkg
 Q6E re msg sent green) (Navary, Va); NBRM: USCGC Point
 Monroe (WPB-82353) 0013 8/17 USB (wkg u/i Grp) (Baker, Oh)

5696 NMC: USCG COMMSTA San Francisco Ca US 0603 8/3 USB (wkg NMF, NMN, NMC w/rdo chk) (Baker, Oh)
5732 C42: 0103 8/20 USB (wkg N44) (Navary, Va)
6200 USCGC TAMAROA: 0028 8/2 USB (6200/6501 wkg BOSTON) (Navary, Va); E6W: 0425 8/5 USB (wkg CAMSPAC SAN FRANCISCO re RTTY tfc) (Navary, Va); NTCH: USS Thomas C. Hart 0455 8/5 USB (wkg PORTSMOUTH re RTTY tfc on 5220) (Navary, Va)
6501 NOJ: COMMSTA Kodiak Alaska US 0745 8/14 USB (6200/6501 wkg u/i cutter re phone call) (Baker, Oh); USCGC TAMPA: 0745 8/14 USB (6200/6501 rdo chk w/NMN, NMF, NMG) (Baker, Oh)
6510 WAH: St Thomas Radio Virgin Islands 0212 8/18 USB (wx) (Baker, Oh)
8198 C6CM7: Norway 0120 8/11 USB (8198/8722 R/T tfc w/WOM) (Baker, Oh)
8207 ELLY4: Oceanbreeze 0129 8/5 USB (8207/8731 (R/T tfc w/WOM) (Baker, Oh)
8216 LAEB2: Sovereign of the Seas 0023 8/11 USB (8216/8740 R/T tfc w/WOO) (Baker, Oh)
8222 LAMU4: Monarch of the Seas 0124 8/5 USB (8222/8746 R/T tfc w/WOM) (Baker, Oh)
8234 ELOU5: Zenith 0105 8/11 USB (8234/8758 R/T tfc w/WOM) (Baker, Oh)
8240 NRUO: USCGC Polar Sea (WAGB-11) 0252 8/23 USB (8240/8764 wkg NMN re RTTY freq) (Baker, Oh)
8267 ELFT8: Celebration 0231 8/5 USB (8267/8791 R/T tfc w/WOM) (Baker, Oh)
8294 C6CP: Viking Serenade 0120 8/27 USB (8294/8728 R/T tfc w/KMI) (Baker, Oh); HOTEL 5 CHARLIE: 1115 8/19 USB (clg XRAY 5 ROMEO w/rdo chk) (Braun, Va)
8722 WOM: FI US 0245 8/23 454 (wkg MERIDIAN w/pp) (D'Angelo, Pa)
8788 HALIFAX RADIO: Newfoundland Canada 1405 LSB (marine wx for maritime provinces) (Wires, Ga) (welcome to the column Alden-MW)
12242 NHIC: USCGC Vigilant (WMEC-617) 0104 8/1 USB (wkg NMG re HF DL freq) (Baker, Oh)
12362 WLQ: Los Angeles Ca US 1936 8/13 good (wkg MARIANNA re money & food on board) (Thompson, Ca)
13083 KMI: San Francisco Radio Ca US 0000 8/27 USB (wx) (Baker, Oh)
13098 5BA54: Cyprus Radio 2235 8/5 USB (ID) (Baker, Oh)

PHONE

4825 NNN0AJDT: 2255 8/11 (request for tfc, no joy, signoff the 4D3B net) (Johnson, Il)
5277 PANTHER: 0231 8/9 USB (w/rx chk w/PANTHER 31 CHARLIE-customs ch. A) (Braun, Va); PANTHER: DEA Bahamas 0356 8/18 USB (wkg R6C re rdo guard) (Baker, Oh); PANTHER: DEA Bahamas 0811 8/14 USB (wkg SPANGLE 702) (Baker, Oh)
6817.3 NO ID: South Africa 0548 USB (Afrikaans/EE tfc) (Hall, SA)
6878 NO ID: 0302 8/7 USB (scrambled tfc) (Braun, Va)
7527 01L: NO ID 0021 8/5 USB 444 (scrambled tfc-DEA freq) (Wolfson, Oh)
7741 ? 35: 0317 8/3 USB (wkg BEAR w/rpt that HF guard ending, in contact w/LEEWARD TOWER) (Braun, Va)
8055 NO ID: 2345 8/9 USB (relay of WWV, into RTTY at 2350) (Braun, Va)

11191 FOX TANGO: 2345 8/12 USB (wkg LIMA-L w/position data, going XAI until problem figured out) (Braun, Va); DOLPHIN: NAS Cecil Field Fl US (0234 8/31 (clg HERSHEY Key West Fl, no joy) (Braun, Va)
11494 NO ID: 0022 8/5 USB (scrambled tfc-DEA freq) (Wolfson, Oh)
13375 NO ID: 1718 USB (YL w/EE 5 figure grps) (Hall, SA)
14325 NJ7E: 0010 8/31 USB (NCS for Hurricane Advisory Net, chk-in) (Braun, Va)
14392 NNNONGW: US Navy USS George Washington (CVN-73) 2119 9/1 USB poor-good (MARS pp for USS Saipan (LHA-2, NNN0CSW), USS Jacinto (CG-56, NNN0CYY) (Thompson, Ca.)
14441.5 NNN0NZC: USS Joseph Daniels 2107 8/2 USB (clg AMASS, XPQ) (Navary, Va); NNN0CRK: USS Ponce 2150 8/2 USB (clg AMASS, XPQ-poor reception) (Navary, Va); NNN0CRG: USS Stump 0045 8/4 USB (wkg BTO) (Navary, Va); NNN0CTP: NOASS Discoverer 0336 8/16 USB (clg any shore stn) (Navary, Va); NOAAS DAVID STARR JORDAN: 0337 8/16 USB (wkg NNN0EIZ) (Navary, Va)
14686 ATLAS: 1739 8/4 USB (wkg various a/c-561, 101, 520) (Navary, Va)
18594 NO ID: 0015 8/5 444 (scrambled tfc-DEA freq) (Wolfson, Oh)
20850 RCB59: Radio Moscow Feeder Russia 1011 USB (RR nx) (Hall, SA)

RTTY/FAX

5220 NTCH: USS Thomas Hart 0500 8/05 75b (encrypted RTTY) (Navary, Va)
6337.5 ZRH: SAN Cape Town South Africa 0358 8/18 170/75R (testing w/64s and ID) (Blair, Ca)
6835 GFL22: METEO Bracknell UK 0020 8/21 425/50 454 (5 number grp header, 5 ltr grps) (Card, RI)
8427 WWD: Scripps Institute La Jolla Ca 1544 8/17 SITOR B (wkg MELVILLE w/hurricane data, WTDK) (Blair, Ca)
11233 BZG41: XINHUA China 1735 431R/50 (FF nx) (Hall, SA)
12479 UWYQ: Zakhariy Paliashvili 1444 8/20 SITOR A (wkg WLO) (Blair, Ca)
13372.6 5YE: Nairobi Air Kenya 1722 231N/50 (RY, ID) (Hall, SA)
13470 RKU71: Moscow Meteo Russia FAX 576/90 (arctic chart) (Hall, SA)
13472.1 NO ID: 1708 ARQ S4 242/96 (ZCZC B, ZOZO B, loop) (Hall, SA)
13520 FSB72: Interpol Lyon France SITOR A (crypto tfc) (Hall, SA)
13539.5 NO ID: 1645 157/64 (unknown) (Hall, SA)
13576.7 NO ID: 1625 SITOR A (AA possible Egyptian crypto) (Hall, SA)
16684 ENGLISH STAR: 1436 8/29 ARQ (tlx tfc to UK) (Navary, Va); P3RB4: Bulk Maas 1551 8/31 SITOR A (wkg GKE6) (Blair, Ca)
16685.5 V2EF: CPC Holandia 1536 8/2 ARQ (tlx tfc via WLO) (Navary, Va); OWPG: Talisman 1447 8/29 ARQ (tlx tfc) (Navary, Va)
16687.5 C6JW3: Anastasia 1534 8/31 SITOR A (wkg CBV) (Blair, Ca)
16691 ULDB: Skulptor Tomskiy 2014 8/28 SITOR A (wkg UPB) (Blair, Ca)
16692 Y5OW: Burg 1455 8/29 ARQ (GG tlx) (Navary, Va)
16694 Ivan Pereverzev: 2327 8/5 SITOR A (wkg KPH) (Blair, Ca); UTWV: Caravos Trader 1516 8/31 SITOR A (wkg KPH) (Blair, Ca)
16695.5 ELNV2: CTE Cinta 1712 8/22 ARQ (tlx tfc to Ecuador) (Navary, Va)

16698.5 3ETX4: Beeco Africa 1515 8/29 ARQ (tlx tfc via LYNGBY RADIO) (Navary, Va)
16699.5 LAIJ2: Dyvi Baltic 1444 8/2 ARQ (tlx to Oslo) (Navary, Va)
16705.5 BOPV: Lu Xun 2253 9/2 SITOR A (position rpt to XSG) (Blair, Ca)
16707 9HAM3: Xanadu 1410 8/29 ARQ (tlx tfc via BERNE RADIO) (Navary, Va)
16708.5 5BDJ: Diamond 2333 8/21 ARQ (tlx to Naples) (Navary, Va)
16716 PJOW: Prince of Seas 1726 8/22 ARQ (AMVER rpt) (Navary, Va)
16717 RANA M: 1720 8/22 ARQ (tlx tfc) (Navary, Va)
16830 HEC: Berne Radio Switzerland 1410 8/29 ARQ (wkg 9HAM3 -Xanadu) (Navary, Va)
16836 NORDEICH RADIO: 1426 8/29 ARQ (wrk YJYZ7) (Navary, Va)
17443.6 5YE: Nairobi RMC Kenya 1136 FAX (Indian Ocean wx chart) (Hall, SA)
18013.9 RFGW: MFA Paris France 1155 ARQ M2 344/200 (5 ltr grps for RFFVAT) (Hall, SA)
18043.3 NO ID: 1250 479N/75 (5 ltr grps probably ARG. NAVRAD) (Hall, SA)
18052.1 NO ID: 1245 394/75 (crypto tfc) (Hall, SA)
18056.6 NO ID: 1240 SITOR A (pulses only) (Hall, SA)
18231.8 ZAIREAN BANK/MINES CIRCUIT: 1230 SITOR A (FF tfc) (Hall, SA)
18284.8 NO ID: 1213 SITOR A (unlisted, maybe MFA Berne Switzerland w/EE nx) (Hall, SA)
18296.8 RFQP: French Forces Djibouti 1157 ARQ E3 380/96 (idling) (Hall, SA)
18317.1 RFFABC: French Forces Versailles France 1145 ARQ E 380/72 (5 ltr grps for RFFXS-Versailles !!!) (Hall, SA)
18337 NO ID: 1140 158/100 (unknown) (Hall, SA)
18360.2 RFGXXC: French Forces Baden Baden 1117 ARQ E 377/72 (DIRECTION POSTE AUX ARMEES-DIRPOSTE) (Hall, SA); RFGW: FM Milfrance Nairobi Kenya 1123 ARQ E 377/72 (to RFFINDI/ALINDIEN, others) (Hall, SA)
19117.6 MFA JAKARTA: Indonesia 1200 SITOR A (EE nx) (Hall, SA)
19130 JPA59: Interpol Tokyo Japan 1214 SITOR A (crypto tfc, EE to I.P. Kiev) (Hall, SA)
19145.9 RFTJ: French Forces Dakar Senegal 1225 ARQ E3 367/192 (idling) (Hall, SA)
19205 RFLI: French Forces Fort de France Mauritania 1228 ARQ E3 (idling) (Hall, SA)
19216.9 RFLI: French Forces Fort de France Mauritania 1230 ARQ E3 (idling) (Hall, SA)
19332.5 LBL1: UNIFIL Lebanon 1235 SITOR A (Norwegian Army w/tfc in Norwegian) (Hall, SA)
19400 VVD69: Delhi Meteo India 1240 105R/50 (wx codes) (Hall, SA)
20113.5 NO ID: 1105 ARQ S4 394/96 (no data) (Hall, SA)
20801.5 HBC88: Red Cross Geneva Switzerland 1015 SITOR A (FF tfc) (Hall, SA)
22356.2 UIAA: TSM Obdorsk: 1120 170N/50 (wkg K'grad) (Hall, SA)
22365.1 UVKG: RTMS Stratosfera 1230 170N/50 (wkg Sevastopol) (Hall, SA)

I pulled the following messages off the ANARC BBS (1-913-345-1978)

Msg#: 5823 *SW ECHO* 08-25-93 20:43:00 (Read 4 Times) From: BRIAN JOHNSON

To: ALL Subj: NRV COMMSTA CLOSES

Word handed down to me through various reliable sources confirms that the USCG COMMSTA GUAM (Station NRV) is shutting down all radio communications via HF on October 1, 1993. The last HF broadcasts will be aired on September 30, 1993.

The final voice HF traffic will be heard at 2130 ZULU. Sorry, I don't have a frequency for that one. The final SITOR broadcasts will be aired at 2205 ZULU (that time may not be right). SITOR broadcasts, on the last day, can be heard on the following frequencies:

12579.0 kHz
12806.5 kHz
22376.0 kHz

Reception reports for NRV broadcasts should be sent to:

Mr. Robert Aycock
Station NRV
USCG Communications Station Guam
Box 149, PSC 488
FPO AP, 96537-1845

Mr. Aycock is the one in charge of answering reception reports. In addition, there is a phone number you may call to find out more information on the last broadcasts and, if there will be QSLs issued for them. That number is (from the United States):

011-671-355-5654

Msg#: 5922 *SW ECHO* 08-31-93 11:04:00 (Read 8 Times) From: SANDER SCHIMMELPENNINCK

To: ALL Subj: HURRICANE SSB FREQS

HURRICANE SSB FREQS compiled by Sander Schimmelpenninck 31 Aug 93

By service

By frequency

Amateur Net	14,283.0	3,407.0 Ctr Miami A/G
Ctr Miami	9,020.0	3,815.0 Natl Net
Ctr Miami	11,898.0	3,935.0 Gulf Net
Ctr Miami	13,354.0	3,943.0 W Gulf
Ctr Miami	17,901.0	4,746.0 USAF
Ctr Miami	21,937.0	5,562.0 Ctr Miami A/G
Ctr Miami A/G	3,407.0	6,673.0 Ctr Miami A/G
Ctr Miami A/G	5,562.0	6,750.0 USAF
Ctr Miami A/G	6,673.0	7,055.0 Puerto Rico Net
Ctr Miami A/G	8,876.0	7,073.0 Puerto Rico Net
Ctr Miami A/G	10,015.0	7,235.0 Gulf Net
Ctr Miami A/G	13,267.0	7,507.0 Warn
Ctr/Hams	14,325.0	8,876.0 Ctr Miami A/G
Gulf Net	3,935.0	8,993.0 USAF
Gulf Net	7,235.0	9,020.0 Ctr Miami
IARN/Red Cross	14,275.0	9,380.0 Warn
Natl Net	3,815.0	10,015.0 Ctr Miami A/G

Puerto Rico Net	7,055.0	11,898.0	Ctr Miami
Puerto Rico Net	7,073.0	12,246.0	USAF
Puerto Rico Net	14,280.0	13,224.0	USAF
Puerto Rico Net	28,450.0	13,267.0	Ctr Miami A/G
USAF	4,746.0	13,354.0	Ctr Miami
USAF	6,750.0	14,275.0	IARN/Red Cross
USAF	8,993.0	14,280.0	Puerto Rico Net
USAF	12,246.0	14,283.0	Amateur Net
USAF	13,224.0	14,325.0	Ctr/Hams
USAF	18,091.0	17,901.0	Ctr Miami
W Gulf	3,943.0	18,091.0	USAF
Warn	7,507.0	21,937.0	Ctr Miami
Warn	9,380.0	28,450.0	Puerto Rico Net

Sorry about squeezing everything in this month. Too much stuff for the space. I've got 6 pages next month, so send your reports so I can fill it.

=====

UTILITY NOTES

Richard "RD" Baker
 Editor
 Internet: ae411@yfn.ysu.edu

Welcome back to another fall season. Sadly, several CW stations were lost recently. First the U.S. Coast Guard ceased its MF CW services, and now the Canadian Forces Naval Stations have ceased CW altogether.

The elimination of MF CW services ended a 92 year old tradition of watch keeping by the U.S. Coast Guard on these bands. NA4G, Bob --Robert D. "Boat-anchor Bob" Keys and three other amateur radio operations, N4IQA, Robert P. "Tim" Buehlmann, W0UCE, Jack Ritter, and WD4UYJ, Michael Jett, were present by special permission of the Chief Radio Operator, CAMSLANT NMN, Chesapeake, VA, (CommSta Portsmouth) for the closing of the watch/last broadcast by the station on 1 August 1993. Although not a Speedx member, Bob Keys has graciously permitted the printing of the closing CW text he copied, so long as his sincere thanks to USCG CAMSLANT NMN Chesapeake for allowing him and his friends to attend that historical event are made known. The last transmission was sent at 0000 UTC on 1 August, 1993 on 448 Khz:

BT

UNCLAS //N02000//

SUBJ: 500 KHZ BROADCAST CLOSURE MESSAGE

A. COMDT MSG 281540Z DEC 92

1. EFFECTIVE 1 AUG 93, ALL CG COMMSTA AND CUTTERS WILL DISCONTINUE WATCHKEEPING ON 500 KHZ AND CEASE ALL MFCW COMMUNICATIONS. AS A CLOSING MESSAGE ON MFCW, THE FOLLOWING TEXT IS AUTHORIZED FOR INCLUSION AT THE END OF YOUR LAST ROUTINE BROADCAST TEXT ON 31 JUL 93. QUOTE. NOW CLOSING DOWN CONTINUOUS WATCH ON 500 KHZ AND CEASING ALL MORSE CODE SERVICES IN THE MF BAND. AS WE CONCLUDE OUR WATCH ON 500 KHZ, WE WISH THE MARITIME COMMUNITY FAIR WINDS AND FOLLOWING SEAS. WE ARE PROUD OF OUR TRADITION AND LONG STANDING SERVICES ON MF WHICH BEGAN IN 1901 WITH THE REVENUE CUTTER SERVICE ACTIVELY EXPERIMENTING WITH WIRELESS AS A REGULAR MEANS OF COMMUNICATIONS ON LAND AND SEA TO THE FIRST INSTALLATION ABOARD CUTTER GRANT IN 1903.

OUR FIRST DISTRESS CALL FROM AN AMERICAN SHIP WAS RECEIVED ON 10 DECEMBER 1905 BY RELIEF LIGHTSHIP 58 AT THE NANTUCKET SHOALS STATION. THIS CONSISTED OF THE WORD H-E-L-P, FOLLOWED BY A REQUEST FOR AID. BY ACT OF CONGRESS OF 4 MAY 1910, EVERY PASSENGER SHIP AND ANY OTHER SHIP CARRYING 50 PERSONS OR MORE, LEAVING ANY PORT OF THE U.S. WAS REQUIRED TO BE EQUIPPED WITH RADIO. NECESSITY FOR IMPROVEMENT IN APPARATUS AND METHODS WAS EMPHASIZED WHEN OVER 1,500 LIVES WERE LOST IN THE TITANIC DISASTER OF APRIL 1912. SINCE THEN THE COAST GUARD HAS FAITHFULLY AND DILIGENTLY LISTENED TO 500 KHZ, COPYING AND RESPONDING TO NUMEROUS CALLS FROM MARINERS IN NEED OF ASSISTANCE AT SEA. WE HAVE ALSO PROVIDED YOU WITH THOUSANDS OF URGENT, SAFETY AND NAVIGATIONAL WARNINGS AND RELATED CW ASSISTANCE OVER THE YEARS. WE NOW LOOK FORWARD TO SERVING YOU ON THE NEXT GENERATION OF COMMUNICATIONS EQUIPMENT AND SYSTEMS VIA THE GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM (GMDSS). FROM ALL COAST GUARD RADIOMEN WE BID YOU 73S.
DE NMN TU SU AR

Bob added that the original draft text from Coast Guard Station NMN ended with a "VA. UNQUOTE" but was changed to "DE NMN TU SU AR" as recorded from the on-the-air transmission sent by NMN on 448 khz at a speed of 20 wpm.

Bob also provided the closing text from CanForces station CFH:
"The following clear text message was copied from CFH on 31 August, 1992, sent by radiotelegraphy at a speed of 25 wpm, on a frequency of 4255 khz.

The call tape droned on to lead up to the top of the hour...

VVV VVV VVV DE CFH CFH CFH C13L C13L C13L
VVV VVV VVV DE CFH CFH CFH C13L C13L C13L
VVV VVV VVV DE CFH CFH CFH C13L C13L C13L

And the call tape stopped, whereupon the following was sent at a speed of approximately 10 wpm:

NAWS NAWS

C13L001 C13L001

R R

312300Z AUG 93 312300Z AUG 93

FM FM MSAX MILL COVE

TO TO ALL SUBSCRIBERS C13L BT

UNCLAS

1. SEPTEMBER 1, 1993 HAVING BEEN DESIGNATED AS THE DATE ON WHICH REGULAR CW SERVICE CEASES IN THE CANADIAN NAVY, THIS IS THE FINAL OCCASION WHEN SPARKERS WILL HAVE THE OPPORTUNITY TO PUT THIS DYING ART TO USE
2. FOR THOSE WHO CAN RECALL QUOTE BENS BEST BREAD UNQUOTE WILL ALWAYS BE A RYTHM ON THE TIPS OF THE FINGERS
3. AS WE ENTER INTO THIS NEW ERA, THE MEMBERS OF THE OPERATIONS DEPARTMENT AT MILL COVE WISH TO SAY ONE LAST TIME RR CUL OM QRU QRU
AR
BT
AR

And the text sped up from 10 wpm to about 25 wpm for a final round on the call tape...

VVV VVV VVV DE CFH CFH CFH C13L C13L C13L

VVV VVV VVV DE CFH CFH CFH C13L C13L C13L

VVV VVV VVV DE CFH CFH CFH C13L N

...and the text stopped, leaving only the QRN, and a sadness in Spark's heart..."

Text was provided courtesy NA4G, for the historical record. I want to thank Bob Keys for letting me share that with everyone.

It seems that with the advance of technology in this space age world, "Sparks", or the Ships Radio Officer, is going the way the way of the dinosaur. Jim Navery (Va) sends this information along these lines:

Ships on HF - The Great Demise by Jim Navery

One of my recent successes in obtaining a QSL also brought a letter from the ship's Master that sheds some light on the belt-tightening going on in that industry. Also, with the improvements being made in automated satellite communications, the days of eavesdropping on shipboard HF QSOs are indeed numbered.

The following is an excerpt from the letter I received from Captain P.P. van der Jagt, Master of the M/V Nedlloyd Clement, a container vessel registered in the Netherlands (callsign: PGDO).

"Since 1991 we do not have a Radio Officer anymore. Communication is done by the Master via Inmarsat-C and Inmarsat-A satellite. Telex mode by Inmarsat-C and telex/fax/telephony by Inmarsat-A. The junior officers send daily our midday position to PCH - Scheveningen Radio by TOR-telex. If they know there is another Nedlloyd vessel in our vicinity, they try to contact each other by ARQ and then talk by telephony".

"We have a complement of nineteen men, what our company calls a corecrew. As I am only an operator and don't know too much about all the technical stuff - I am not a Radio Officer! - I do hope all this helps you and I wish you many happy listening hours more to come".

With HF being used less and less, and then only as a backup, and with the position of ship's Radio Officer disappearing, it seems to me that in a few short years the shortwave maritime bands will be dead. If you have any interest at all in this aspect of SWLing, I strongly suggest you snag the few that still remain on the shortwave bands.

Thanks Jim. Satellites are becoming the least expensive way for maritime companies to go, with the total cost of some INMARSAT systems down to around \$3200.00. Then deduct the wages of a radio officer, and that's a sizable savings. I suspect there will always be ships to hear on HF, but it sure won't be like "the good old days"!

More Bad News...

More bad UTE news was received in a QSL veri letter I received from Graham Turner, Station Manager for Wellington Radio, ZLW, New Zealand. I learned the sad news that the station is closing Sept. 30, 1993. He did not state a reason. So by the time you read this, the station will be off the air.

Wellington Radio has long bent over backwards to answer QSL requests from UTE's, and it's sad to see them go. Some may remember last year when the station actually wrote into Popular Communications giving their correct address, as some utility QSL'ers had been sending their requests to a wrong address! Not too many folks like that left in the world I'm afraid.

U.S. Air Force Changes

Last month I made mention that the Air Force has undergone more change in the last year than at any other point since it was formed in 1947.

Exactly what does this mean as far as utility SWL news?

For the military listener, it means callsign's which have remained stagnant for a long time will suddenly be replaced by new ones as whole commands become eliminated or absorbed into others. Other callsign's will simply disappear as bases close, and the aircraft are moved into other units. Nope, we're going to have to start all over again on a lot of this information. So, for those who may have blinked, here's a quick recap:

GCCS: Now renamed GHFS for Global High Frequency Stations. Change due to another Global Command Control System, and to reflect the broader purpose of the stations.

MAC: Military Airlift Command became AMC or Air Mobility Command. Although MAC callsign's are sometimes still heard (I heard one while at Offutt AFB last month), these are probably non-radio type folks not yet used to the Reach designations.

AMC: Air Mobility Command. Established June 1, 1992, with headquarters at Scott AFB, IL. Missions include providing rapid airlift and aerial refueling for U.S. armed forces. Includes about 900 aircraft.

SAC: Sad to say, but the Strategic Air Command is gone. It's a little complicated, but elements of SAC are STRATCOM for Strategic Command, while specific units belong to ACC.

TAC: Tactical Air Command is no more, see ACC.

ACC: Activated June 1, 1992, Air Combat Command has elements of the former SAC and TAC. Headquartered at Langley AFB, Va., its missions are to operate USAF bombers and U.S. based combat coded fighter and attack aircraft, and to provide nuclear-capable forces for STRATCOM. It has over 1,500 aircraft assigned.

ATC: Deactivated July 1, 1993 and replaced by AETC.

AETC: Air Education and Training Command, activated July 1, 1993. Headquartered at Randolph AFB, TX, its missions include the recruitment and training of USAF personnel. It was over 2,000 aircraft assigned to it.

AFCC: Air Force Communications Command became AFC4A or Command, Control, Communications and Computer Agency on June 1, 1993.

Another area that we will have to pay attention to is the Base Closure Act. Several bases, starting with Pease AFB, NH. in March, 1991, have already been closed. More closing's are on the way. Bases closed so far include: Eaker AFB, Ark., George AFB, CA., and Wurtsmith AFB, MI. A total of seven were to be closed in 1993, and another seven in 1994.

That's a quick finger-nail sketch of some of the changes that may affect the UTE. There have been many other command changes as well, but these are the ones right now that the military listener should be aware of.

Aero News

Tim Braun (Va), forwarded news from Aviation Daily (August 27, 1993):

"Southern Air Transport said it has created a division, Corporate Aviation Services, to provide a full range of international support services to business jet operators, including landing & overflight benefits, contract fuel, weather, flight plans, worldwide HF radio, Arinc VHF radio, State Department advisories and arrangements for catering, ground transportation & hotel accommodations...the HF radio part is obviously the important part!!! Looks like another station to chase down around the bands".

Interesting news Tim, sure looks like competition for Arinc.

Tip of the Hat

Without a doubt, the Utility Notes Tip of the Hat has to go to Graham Turner and his dedicated staff at Wellington Radio. ZLW, which was owned and operated by Telcom International, had been on the air since 1912. The station had also provided HF fixed-point USB voice communications services to Campbell Island, Raoul Island, and Pitcairn Island. These folks had gone out of their way to respond to QSL requests for many years.

Last month, I noted a tornado had struck Jim Navery's home town of Colonial Heights. Jim contacted me shortly after I mailed the column to pass on his family was fine. Although he has a great story to tell about how his Chrysler was totaled on the freeway by a flying Ford...

That's all the room I have. So until next month, happy trails.

--

Rick Baker (ae411@yfn.ysu.edu)

Recorded live and direct from downtown Austintown, Ohio

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 3, No. 2 February, 1994 =====
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Edited by Richard Baker

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UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike at:

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UTILITY NOT
about the world of utilities, and utility stations. Contributions in these area's can be sent to myself at:

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UTILITIES

Utility Logging's, Schedules, and Frequencies
Edited by Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

AERO

- 2887 NEW YORK RADIO: ICAO Net US 0125 9/14 USB (wkg VARIG 861) (Navary, Va)
2899 SHANWICK RADIO: ICAO Net Ireland/Scotland 0357 USB 9/21 (wkg AMERICAN 007) (Lukas, NY); GANDER RADIO: Newfoundland Canada 0419 USB (wkg DELTA 40) (Lukas, NY)
3016 NEW YORK RADIO: ICAO NAT 54V5) (Navary, Va); SANTA MARIA RADIO: ICAO NAT 0248 9/14 USB (wkg UNITED 9010) (Navary, Va); GANDER RADIO: Newfoundland Canada 0324 9/12 USB (wkg ALITALIA 609) (Lukas, NY)
3123 NMC: CAMSPAC San Francisco Ca US 0230 9/14 USB (wkg TAC ALPHA w/ops rpt) (Baker, Oh)
3413 SHANNON VOLMET: Ireland 0332 9/30 USB 353 (wx) (D'Angelo, Pa)
3476 GANDER IFSS: Canada 0512 9/1 USB (wkg AMERICAN 522) (Baker, Oh)

5532 AMSTERDAM LDOC: 0306 9/25 USB (wkg KLM 550) (Navary, Va)
5658 KARACHI RADIO: Pakistan 0112 9/20 USB fair (wkg LUFTHANSA
780, Frankfurt, Singapore) (Bottonelli, Italy)
5680 CHARLIE SIERRA 1: 0050 9/13 USB (also IDing as VENEZUELA
RADIO, wkg CS-2-IDed as NORTHERN LIGHTS, secondary freq)
(Braun, Va); NORTHERN LIGHTS: 0042 9/13 USB (poss
out-of-banders, ID- VENEZUELA RADIO & NORTHERN LIGHTS stn
VT6, rdo chks, later IDs CS-1, CS-2, normal SAR freq)
(Baker, Oh)
6535 DAKAR RADIO: Senegal 0418 9/3 USB (wkg KLM 797, AFI 1)
(Lukas, NY)
6640 NEW YORK ARINC: US 0010 9/12 USB (wkg MARTINAIR MCI w/pp
to dispatch) (Navary, Va)
6673 KJY74: Miami FI US Hurricane Center 0221 8/31 USB (wkg
NOAA 43 w/hurricane info) (Lukas, NY)
6683 AF-2: Air Force 2 1930 9/26 USB 444 (on the ground at
ANDREWS AFB, unable to set up 2 way digital comms,
football scores, waiting for DV, take off 2 hours late)
(Wolfson, Oh)
6738 ARCHITECT: RAF Strike Command UK 0750 9/2 USB (clg
CANFORCE 411, no joy) (Baker, Oh)
8845 NEW YORK RADIO: US 2301 9/19 USB good (wkg AVIANCA 018,
AMERICAN 1566, DOMINICANA 2469, LUFTHANSA 717)
(Bottonelli, Italy)
8846 NEW YORK RADIO: US 1750 9/16 USB 444 (EE, wkg DELTA 21,
AMERICAN 69, 6621, US AIR 877) (Wolfson, Oh)
8847 NO ID: 0520 9/25 USB (man singing, then talk w/2nd stn,
more singing, not sure of lang, BASRAH AERADIO????)
(Navary, Va)
8861 DAKAR RADIO: Senegal 0304 9/22 USB good (wkg CONDOR 531,
many others) (Bottonelli, Italy)
8894 NIAMEY RADIO: Niger 0027 9/21 USB fair (wkg LUFTHANSA 561,
ALITALIA 572) (Bottonelli, Italy)
8903 LUANDA RADIO: Angola 0012 9/21 USB good (wkg a/c 682)
(Bottonelli, Italy); N'DJAMENA RADIO: Chad 0014 9/21 USB
fair (wkg LUFTHANSA 682) (Bottonelli, Italy)
8906 SANTA MARIA RADIO: Azores 1940 USB good (wkg WHISKEY PAPA
912 or 1912) (Bottonelli, Italy); GANDER RADIO: 1952 8/31
USB good (wkg CONCORDE 4, KLM 651) (Bottonelli, Italy)
8912 SLINGSHOT: US Customs Miami FI US 0245 9/1 USB (wkg 3939,
return to base, will try again later) (Braun, Va)
8932 NO ID: 0002 9/20 USB good (next sked PIREP) (Bottonelli,
Italy)
8958 SHANNON VOLMET: Meteo Ireland 2054 0827 USB (aero wx)
(Bottonelli, Italy) (Welcome to the column-MW)
8966.7 ANDREWS AFB: Md US 1844 8/27 USB (wx, wkg NWV 641)
(Bellovich, Fl)
8967 GHFS LAJES: 2150 9/15 USB (wkg u/i a/c, op closes with
"Thank you for using the original voice of the mid-
Atlantic LAJES out.") (Navary, Va)
9032 NO ID: 0245 9/23 USB (3 men in SS, capt of flight from
Miami to Gogota then Barranquilla w/ETA/wx) (Braun, Va)
10066 BA26: Speedbird 26 1647 USB (wkg Calcutta) (Hall, SA)
11175 NO ID: 0045 9/13 USB (m w/British accent reciting
numbers-DELTA 16, 5, 4, 9, 0, etc, authorization Bravo
-poss RAF ???) (Braun, Va)
11176 OFFUT AFB: Ne US 1822 9/16 USB 444 (EE wkg a/c w/pp re

fuel, u/i clg MAINSAIL, OFFUT answers, request pp, REACH
229 (a/c- C-141) request pp w/CANNON COMMAND POST, cargo
info, RAYMOND 7) (Wolfson, Oh)
11225.8 AF-1: 1622 9/24 USB (departing St Petersburg Fl to Andrews
AFB-1st time catch !!!) (Bellovich, Fl)
11226 MESS KIT
passing coded tfc to net) (Navary, Va)
11233 VXA: Edmonton Military Canada 1852 9/11 USB (wkg CANFORCE
504 w/SELCAL chk, 9006 secondary freq) (Baker, Oh)
11306 AMERICAN 909: 0330 9/15 USB (wkg LIMA RADIO w/SELCAL &
PIREP, over Kingston Jamaica on route from Miami to Buenos
Aires) (Braun, Va)
11330 NEW YORK RADIO: 1738 9/16 USB 434 (EE, wkg u/i a/c w/
request to divert 10 miles south of tract for wx, DELTA
41, RS2Y, AMERICAN 588, AMERICAN 1445) (Wolfson, Oh)
11345 STOCKHOLM RADIO: Sweden 2038 8/29 USB excellent (wkg
CONDOR 859) (Bottonelli, Italy)
13211 AF-2: Air Force 2 0238 9/11 USB (clg OFFUTT GLOBAL,
ANDREWS ans, pp to CROWN 13 re FAX) (Baker, Oh)
15014.7 NO ID: US 2003 9/10 USB (wx for Howard AFB Panama)
(Bellovich, Fl)
15034.8 TRENTON MILITARY: Canada 1433 9/9 USB (wx) (Bellovich, Fl)

CW

2806 IGJ4I: Augusta Naval Radio Italy 0238 9/14 (V marker)
(Navary, Va)
4232 FUF: Fort de France Martinique 0228 9/28 (ID, marker)
(Baker, Oh)
4285 VCS: Canadian CG Halifax 0236 9/28 (marker) (Baker, Oh)
4310 WNU: Slidell Radio La US 0240 9/28 (tfc lst) (Baker, Oh)
6276 IGJ43: Italian Navy Agusta 0037 9/20 excellent (marker)
(Bottonelli, Italy)
6337 4XZ: Haifa Israel 0030 9/20 excellent (crypto tfc, ID)
(Bottonelli, Italy)
6348 HWN: Paris Houilles Naval France 0249 9/28 (marker)
(Baker, Oh)
8087 NMN: USCG Portsmouth Va 2147 9/20 excellent (ID loop)
(Bottonelli, Italy)
8469 D4A: Sao Vicente Radio Cape Verde Islands 0138 9/26
(marker) (Clar, NY)
8545 GKA: Portishead Radio UK 0950 9/19 good (wx, marker)
(Bottonelli, Italy)
8551 CTP: Oeiras Naval Portugal 2211 9/21 (marker) (Clar, NY)
8586 WCC: Chatham Radio UK 1721 9/4 (wx) (Navary, Va)
9458 ZKLF: Auckland Meteo New Zealand 0502 9/15 (ID) (Lukas,
NY)
10927 NO ID: 0026 9/13 ("VVV VVV ZZU1T526 K, repeat, QSA NO QSV
K") (Navary, Va)
12422 P3LL2: Bischofstor 1208 9/26 (wkg NMN w/obs) (Navary, Va)
12579.5 9VG80: Singapore 1435 9/26 233 (marker) (Berri, Ca)
12843.93 KFS: Palo Alto Radio Ca US 1405 9/23 444 (ID, QSX info)
(Wolfson, Oh)
12876 VAI: Vancouver CG Radio Canada 2128 9/8 (marker, tfc lst,
marker) (Navary, Va)
13020.4 VPS60: Cape D'Aguilar Hong Kong Radio 1225 9/26 (ID)
(Clar, NY)

14366 NO ID: 1910 9/8 (5 fig grps, T for zero) (Navary, Va)
16636 DVUL: Astro Jyojin 1305 9/26 (wkg u/i CG stn w/msg)
(Navary, Va)
16729 C6KJ8: Embarcadero 1220 9/26 (wkg GKB w/QTC1) (Navary, Va)
16808.5 KLB: Seattle Radio Wa US 0325 9/18 (ID w/SITOR blasts)
(Ward, Ca) (Welcome to the column-MW)
16809 WLO: Mobile Radio AI US 0135 9/28 (ID w/SITOR blasts)
(Ward, Ca)
16811 CBV: Playa Ancha Radio Chile 0135 9/28 (ID w/SITOR blasts)
(Ward, Ca)
16811.5 VIS: Sydney Radio Australia 0136 9/28 (ID w/SITOR blasts)
(Ward, Ca)
16811.6 A9M: Bahrain Radio 0330 9/18 (IDs w/SITOR blasts) (Ward,
Ca)
16812 WLO: Mobile Radio AI US 0137 9/28 (ID w/SITOR blasts)
(Ward, Ca)
16812.5 NRV: COMMSTA Guam Mariana Islands 0138 9/28 (ID w/SITOR
blasts) (Ward, Ca)
16813 KPH: San Francisco Radio Ca US 0138 9/28 (ID w/SITOR
blasts) (Ward, Ca)
16813.5 VIS: Sydney Radio Australia 2303 9/19 (ID w/SITOR blasts)
(Ward, Ca)
16814.5 UPB: Providenia Bukhta Radio Russia 0110 9/27 (ID w/SITOR
blasts) (Ward, Ca)
16815 9VG: Singapore Radio 2304 9/19 (ID w/SITOR blasts) (Ward,
Ca)
16821 VPS: Cape D'Aguilar Radio Hong Kong 0145 9/28 (ID w/SITOR
blasts) (Ward, Ca)
16824.5 LPD: Gen Pacheco Radio Argentina 0152 9/28 (ID w/SITOR
blasts) (Ward, Ca)
16836 UFL: Vladivostok Radio Russia 0128 9/28 (ID w/SITOR
blasts) (Ward, Ca)
16880 XSQ: Guangzhou Radio China 2322 9/19 (ID w/SITOR blasts)
(Ward, Ca)
16904.9 FUV: Djibouti Radio 2324 9/19 (ID, marker) (Ward, Ca)
16910 HLJ: Seoul Radio South Korea 0126 9/27 (ID, marker) (Ward,
Ca)
16911.2 JNA: Tokyo Radio Japan 0134 9/27 (ID, marker) (Ward, Ca)
16914.4 CBV: Playa Ancha Radio Chile 2329 9/19 (ID, marker) (Ward,
Ca)
16918 PPJ: Juncao Radio Brazil 0137 9/27 (ID, marker) (Ward, Ca)
16918.8 VHP6: COMMSTA Canberra Australia 2152 9/8 (marker, bad QRM
from RTT)
16949 9MB: Penang Naval Radio Malaysia 0212 9/28 (marker) (Ward,
Ca)
16957.7 FUJ: Noumea Naval Radio New Caledonia 0027 9/7 (marker)
(Ward, Ca)
16959.1 FUM: Papeete Naval Radio Tahiti 0217 9/28 (marker) (Ward,
Ca)
16968 PPL: Belem Radio Brazil 0030 9/7 (marked) (Ward, Ca)
17027 FFL8: St Lys Radio France 1811 9/29 (QSO marker) (Baker,
Oh)
17043.2 JCU: Choshi Radio Japan 2200 9/8 (wkg u/i ves, BNJR)
(Navary, Va)
17113 GKB3: Portishead Radio UK 1818 9/29 (marker) (Baker, Oh)
17144.7 NORDDEICH RADIO: Germany 1649 9/22 444 (ID) (Wolfson, Oh)
17220.5 NMC: USCG CAMSPAC San Francisco Ca US 1820 9/29 (QSO)

marker) (Baker, Oh)
17227.5 ZLO: Irirangi Naval Radio New Zealand 0221 9/30 ID w/ZAY,
what does ZAY mean ???) (Ward, Ca)
17230 CWA: Cerrito/Punta Carretas Radio Uruguay 0140 10/1
(marker) (Ward, Ca)
18319.9 NO ID: 1250 (ltr/number groups) (Hall, SA)
18351 KWS78: US Embassy Athens Greece 1254 (ID, QSX) (Hall, SA)
22330.5 D3E81: Luanda Radio Angola 1552 9/8 (marker) (Navary, Va)
22553 LSA: Boca Radio Argentina 2028 9/6 (marker) (Ward, Ca)
22581.5 KFS: San Francisco Radio Ca US 1816 9/29 (QSX marker)
(Baker, Oh)
22630.8 ZLO: Waiouru Radio New Zealand 0225 9/13 (marker) (Ward,
Ca)

MARINE

2598 VCM: St Anthony CG Radio Newfoundland Canada 0111 9/12 USB
(marine wx) (Navary, Va)
4125 NOJ: USCG COMMSTA Kodiak Ak US 0405 9/25 USB (wkg u/i
ves-freq local "chat" channel for Alaskan waters) (Baker,
Oh);
4363 WOM: Pennusco Radio FI US 0301 9/21 USB (tfc lst) (Lukas,
NY)
4368 WLO: Mobile Radio AI US 0120 8/17 USB (wkg MINERVA w/pp to
Manila) (Belovich, FI)
5696 RESCUE 1485: 0158 9/26 USB (wkg PORTSMOUTH, person in
water located, pilot recovered transporting to Nassau)
(Navary, Va); PANTHER: DEA Nassau 0255 9/26 USB (wkg USCG
a/c 1485 re arrival) (Navary, Va); BORINGQUEN RADIO: 0038
9/28 USB (wkg USCG a/c 1711, went "green" at 0112)
(Navary, Va); MAC 85: 0134 9/28 USB (wkg COMMSTA NEW
ORLEANS w/morale phone patch to wife-not usual for CG
freq) (Navary, Va)
5810 NFXM: USS MacInerney (FFG-8) 2034 9/11 (clg CAPE RADIO,
CAPE clg MACINERNEY, 2015 contact made, at 0500 WWCR comes
up on same freq shutting comms down, support for STS-51)
(Baker, Oh)
6200 NONG: 1139 9/5 USB (clg NMO, no joy) (Navary, Va)
6501 NMO: USCG COMMSTA Honolulu Hi US 0603 9/22 USB (wx)
(Lukas, NY)
6513 NROS: USCGC Spencer (WMEC-905) 1520 9/7 USB (w/COMMSTA
Boston, NMF, pp CG 6506 at AIRSTA CAPE COD retransfer
point) (Baker, Oh); USCGC SPENCER: 2315 9/29 USB (pp thru
Boston to Boston Ops, expected help did not arrive at
Weymouth, info on sick wife or crewman to be relayed to
XO) (Braun, Va)
6697 NO ID: 0230 9/7 USB (2 fishermen talking about catches)
(Braun, Va)
6731 ?-0901: U/I German Ves 0451 9/9 USB (wkg DHJ59, German
Naval Stn WILHELMHAVEN in EE, German Naval ships deployed
w/NATO logged like this before) (Baker, Oh)
7535 NCDG: USS Comte De Grasse 1714 9/13 USB (wkg NORFOLK SESEF
for HF rdo chk) (Baker, Oh)
7741 NRUF: USCGC Mohawk (WMEC-913) 0225 9/8 USB (wkg MACBETH 39
w/"alpha contacts" and related info) (Baker, Oh)
8198 C6LG6: C/S Windward 0238 9/4 USB (wkg WOM re ship's tfc)
(Baker, Oh)

8240 NHH: 1148 9/5 USB (wkg NMO w/help coordinating RTT w/NONG) (Navary, Va)

8270 C6KD: T/SS Carnivale 0233 9/13 USB (8270/8794, wkg WOO w/R/T tfc) (Baker, Oh)

8285 C6LG5: M/S Dreamward 0340 9/13 USB (8285/8809, wkg WOM w/R/T tfc) (Baker, Oh)

8297 NO ID: 0315 9/28 USB (2 boats w/problems around buoy 21 Alpha, outbound on Columbia River, 1 returning to Astoria, heading to Kodiak Ak) (Braun, Va)

8722 VIS: Sydney Radio Australia 1136 9/12 USB (wkg 3 u/i ves w/R/T tfc, 1 ves w/ID "WARSHIP") (Baker, Oh)

8737 5BA42: Cyprus Radio 1950 8/28 USB (ID, hours of operation) (Bottonelli, Italy); 5BA42: Cyprus Radio 0315 9/22 USB fair (ID loop played too fast, followed by Greek version (NICOSIA RADIO)) (Bottonelli, Italy)

8739.7 NO ID: 2320 8/22 USB (RR 3 sentence msg) (Bellovich, Fl)

8763 NMN: USCG Portsmouth Va US 2355 9/19 USB excellent (ID) (Bottonelli, Italy)

8764 NMO: USCG COMMSTA Honolulu Hi US 0558 9/22 USB (wx) (Lukas, NY)

8790 WLO: Mobile Radio AI US 1700 7/31 USB (wkg SEABREEZE II) (Bellovich, Fl)

8802.7 NO ID: 1704 7/31 USB (Caribbean wx) (Bellovich, Fl)

10780 NFXM: USS MacInerney (FFG-8) 1953 9/11 USB (clg CAPE RADIO, CAPE RADIO clg MACINERNEY, 2102 contact made, QSY to 5810 MSP primary, support of STS-51) (Baker, Oh)

11201 NMG: COMMSTA New Orleans La US 1729 9/8 USB (wkg V1U w/ops rpt) (Baker, Oh)

12230 PJCO: C/S Noordam 0233 9/6 USB (wkg KMI w/R/T tfc) (Baker, Oh)

12233 C6CM4: M/S Starward 0114 9/12 USB (wkg KMI re ship's tfc) (Baker, Oh)

12236 ELNC5: M/S Ecstasy 2339 9/11 USB (12236/13083, wkg WOO w/R/T tfc) (Baker, Oh)

12242 NOWK: USCGC Dependable 1654 9/4 USB (12242/13131, wkg COMMSTA NEW ORLEANS) (Navary, Va)

12251 3EF04: Atlantic Express 1430 9/5 USB (wkg WOM w/R/T tfc) (Navary, Va)

12254 NNT call) (Navary, Va)

12272 EUPHRATES: 1225 9/5 USB (wkg WOM w/R/T call) (Navary, Va)

13089 R3J: 1919 9/4 USB (clg NMG) (Navary, Va)

13152 WLO: Mobile Radio AI US 1910 9/6 USB 444 (s/s pp, ID) (Wolfson, Oh)

13282 HONOLULU RADIO: Hi US 0138 9/13 USB (wx for SF, SEA-TAC, LA, advisory re/hurricane) (Navary, Va)

PHONE

4038.5 NNNOGAA: 0210 9/13 USB (RTTY net control w/AMTOR msg, other stn-NNNOGAA-3, -10, NNNOTZH) (Navary, Va)

5277 PANTHER 15A: DEA Nassau Bahamas 0230 9/1 USB (wkg 86C & 11C w/rx chk, talk re mission) (Braun, Va)

5800 CHM7232: 0117 9/26 USB 444 (wkg CHM7231 w/poor reception of each other) (D'Angelo, Pa)

7185.3 WA3NAM: Goddard Spaceflight Center Md US 1245 9/12 LSB (w/NASA comms) (Navary, Va)

7801 CG 2137: 0250 9/13 USB (wkg D7R, 2137 to monitor this net,
pass all tfc on this net, location of D7R) (Braun, Va)
9062 20: 0317 9/12 USB (wkg 2 CHARLIE 2/short msg about desired
altitude) (Braun, Va)
9193.2 AUSTRALIAN ARMED FORCES RADIO: Australia 1207 9/18 USB (m
w/rdo tst, numbers 1-10) (Bellovich, Fl)
14441.5 NNNOCYJ: USS Stark 2017 9/5 USB clg ASSS, wkg NNNOKRQ)
(Navary, Va); NNNONDT: USS Vulcan ? 2017 9/5 USB (believed
decommissioned) (Navary, Va)
16298.5 NNNOCNX: USS Virginia (CGN-38) 0115 9/28 USB (wkg NNNONUW,
NAS WHIDBEY IS. Wa. w/pp tfc) (Baker, Oh)

RTT

2573.5 WLO: 0240 9/13 FAX (Gulf of Mexico chart) (Navary, Va)
3231 KAWN: Offutt AWS Ne US 0314 9/14 FAX (Navary, Va)
3233 NO ID: 0300 9/13 FAX (US wx chart) (Navary, Va)
4174.5 IBXT: Agip Piedmont 0500 9/15 SIT
Va)
4221 GYU: Gibraltar Naval 0500 9/29 75b ("O6A OBA GYU")
(Navary, Va)
6262 YP691: NO ID 2120 9/12 PACKET (SATNAV fixes) (Navary, Va)
6353 NONG: 1152 9/5 75b (wkg NMO w/RTTY tst) (Navary, Va)
6496.1 CFH: Halifax Canada 1817 9/14 FAX 444 (wx chart) (Wolfson,
Oh)
6496.86 CFH: Halifax Canada 1335 9/23 697/75 444 (coded wx)
(Wolfson, Oh)
6902.77 KAWN: Offutt AFB Ne US 2216 9/5 882R/75 444 (coded wx)
(Wolfson, Oh)
6905.65 USAF: 2235 9/12 FAX 444 (wefax) (Wolfson, Oh)
7396.76 KAWN: Offutt AFB Ne US 2100 9/5 850R/75 444 (coded wx)
(Wolfson, Oh)
7520 BZP57: XINHUA Beijing China 0028 9/22 50b good (ID)
(Bottonelli, Italy)
7596.2 5UA: ASCENA Niamey Nigeria 1925 ARQ M2 373/96 (no data)
(Hall, SA)
7625 HZN47: Jeddah Meteo Saudi Arabia 1930 338N/100 (wx codes)
(Hall, SA)
7625.05 KWBC: NO ID 2235 9/5 358R/96 444 (coded tfc, also ECMF)
(Wolfson, Oh)
7643 NO ID: 1946 ARQ E3 380/96 (idling) (Hall, SA)
7650 BZP57: XINHUA Beijing China 0012 9/22 75b good (nx)
(Bottonelli, Italy)
7713.2 TJK: ASCENA Douala Cameroon 1950 ARQ M2 388/96 (idling,
off freq) (Hall, SA)
7805 TANJUNG: Belgrade Yugoslavia 2123 9/20 50b good (nx, ID)
(Bottonelli, Italy)
7818.3 NO ID: 1958 ARQ E3 425/100 (idling) (Hall, SA)
7834.6 5ST: ASEONA Antananarivo Madagascar 1737 ARQ E3 239/48
(ID) (Hall, SA)
7842 MAP RABAT: Morocco 1535 9/18 50b good (nx, ID MAP-4-MAROC)
(Bottonelli, Italy)
7880 DDK3: Hamburg Meteo Germany 2005 FAX (poor chart) (Hall,
SA)
7900 9VF39: PIAB Singapore 1635 FEC A 375/96 (GG nx) (Hall, SA)
7924 NO ID: 0400 9/9 SIT
NNE of Heard Island, at stn GOSHAWK) (Navary, Va)

7957 IRNA: Teheran Iran 2052 9/20 50b good (nx about Greek election and Islamic minorities) (Bottonelli, Italy)

7992.5 NNN0MDV: 2305 9/29 PACKET (wkg NNN0MDQ w/MARSGRAM tfc) (Navary, Va)

7996 NNN0ZSY: 2357 9/9 SIT (Navary, Va)

7999 FDY: French Air Force Orleans France 0925 9/19 50b excellent (tst tape loop) (Bottonelli, Italy)

8083 RIJ75: Tashkent Meteo Uzbekistan 2026 FAX 576/90 (poor chart) (Hall, SA)

8105.2 RFFX: French Forces Versailles France 2030 ARQ E 395/72 (idling, Hall, SA)

8192.5 9MR: Malay NAVRAD Johore Bahru Malayasia 1630 838R/72 (wx, ID) (Hall, SA)

8377.5 KHRC: M/V Mastonia 0223 9/12 SIT (Baker, Oh)

8429.5 VAI: Vancouver Radio 0250 9/19 SIT Ca)

8494.49 NO ID: 1806 9/14 868/72 444 (could not decode) (Wolfson, Oh)

8534 WLO: Mobile Radio Al US 0200 10/3 333 (hurricane wx) (Berri, Ca)

8885 BZP57: XINHUA Beijing China 0012 9/22 50b good (ID) (Bottonelli, Italy)

9240 LRO64: Argentina 2305 9/12 FAX 288/60 444 (press photos) (Wolfson, Oh)

9994.81 CSY: Santa Maria Radio Azores 2330 9/5 666/50 433 (RY4646 repeat) (Wolfson, Oh)

11480 AFP: Buenos Aires Argentina 2247 9/27 FAX 60/288 (press pix) (Navary, Va)

12139.5 HWN: Paris Houilles Naval France 1842 9/8 75b (RYs, ID) (Navary, Va)

12205 NO ID: 1636 9/6 855N/72 444 (coded tfc) (Wolfson, Oh)

12729.6 NMC: USCG San Francisco Ca US 1732 9/14 FAX 444 (wx chart, sat pix) (Wolfson, Oh)

12805.65 NKW: US Navy Diego Garcia 1852 9/23 FAX 343 (wx chart) (Wolfson, Oh)

13372.5 5YD: Nairobi Air 0040 9/12 50b (RYs) (Navary, Va)

13415.2 PCW1: MFA Den Haag Netherlands 1901 9/8 SIT 4 bursts, CW ID) (Navary, Va)

13469.1 NO ID: 1811 288N/50 (Z's and Y's, some 6's and 4's) (Hall, SA)

13510.3 CFH: CANFORCE Halifax Canada 1751 792R/75 (gale warnings) (Hall, SA)

13526 DHJ51: Grengel Meteo Germany 1618 9/8 100b (coded wx, GG tfc) (Navary, Va)

13882.5 DDK6: Hamburg Meteo Germany 1958 FAX (good arctic chart on 13880.7 USB) (Hall, SA)

13936.8 RFLIGC: France 2009 ARQ E3 401/192 (ID 5 ltr grps for RFLIGCR) (Hall, SA)

14366.57 BAF4: Meteo Beijing China 1343 9/23 FAX 333 (wx info) (Wolfson, Oh)

14762.5 NNN0NUM: Whidbey Island NAS 1635 9/8 SIT (Navary, Va)

14845.2 MUA: British Army London UK1036 ARQ M2 385/96 (idling, UNUSUAL) (Hall, SA)

14926.9 RFT

(idling) (Hall, SA)
14989.2 TNL: ASCENA Brazzaville Congo 1051 ARQ M2 385/96 (wx, nx)
(Hall, SA)
15860.2 RFFXI: French Forces Bangui Central African Republic 1047
ARQ E 393/72 (idling) (Hall, SA)
15863.7 NO ID: 1055 SIT
16014.4 RFVI: French Forces Le Port Reunion 1105 ARQ E3 393/100
(idling) (Hall, SA)
16025 BAF9: Beijing Meteo China 1111 FAX (16026 USB) (Hall, SA)
16109.2 NO ID: 1118 272N/50 ? (4's, 6's) (Hall, SA)
16134.8 KVM70: Meteo Honolulu Hi US 1650 9/23 FAX 444 (multiple
sat pix-not scheduled at this time-special coverage of
hurricane) (Wolfson, Oh)
16136.2 BZR66: XINHUA Beijing China 1120 344R/72 (EE nx) (Hall,
SA)
16147.9 RFFVAD: French Forces N'djamena Chad 1124 ARQ M2 393/200
(idling) (Hall, SA)
16261.9 DEXI ?: NO ID: 1156 ARQ E3 384/192 (garbage except for
DEXI) (Hall, SA)
16277.4 NO ID: 1253 SIT
(Hall, SA)
16335.12 MFA Havana: Cuba 1833 9/14 497R/50 444 (5 num grp, 9/5 ltr
grps, MINREX to Canakry, SS msgs to Canakry) (Wolfson, Oh)
17141 UFN: Novorossiysk Radio Russia 1530 9/12 45b (msg for TH
SERGO ZAKARIA-DZE/UTWO) (Navary, Va)
17442 5YE: Nairobi Meteo Kenya 1022 836R/100 (RY, ID, no ascent
due drizzle) (Hall, SA)
17445.6 5YE: Nairobi Meteo Kenya 1030 FAX (2 superb wind charts)
(Hall, SA)
17509.7 OXT
(Wolfson, Oh)
17510.13 MAF Havana: Cuba 1642 9/14 1043/50 444 (5 ltr grps, MINREX
to Cuban Embassy Peru, Nicaragua) (Wolfson, Oh)
18030.5 RFFXIA: FM AIRGROUPTAM Bangui Central African Republic
1521 ARQ E 385/72 (5 ltr grps to DIRGROUPTAM Libreville)
(Hall, SA)
18230.2 OMZ: MFA Prague Czechoslovakia 1240 393N/100 (Czech nx)
(Hall, SA)
18254. MSF ?: NO ID 1325 SIT
KKN) (Hall, SA)
18260.8 GFE24: Meteo Bracknell UK 1853 9/14 FAX 444 (wx charts)
(Wolfson, Oh); GFE24: Meteo Bracknell UK 1413 9/23 FAX 444
(wx charts) (Wolfson, Oh)
18269 HBD20: MFA Berne Switzerland 1235 SIT
normally on 18270.5) (Hall, SA)
18359.7 RFFXOC: French Forces Versailles France 1305 ARQ E 376/72
(5 ltr grps for RFFXS-Versailles France) (Hall, SA);
RFFABC: French Forces Versailles France 1259 ARQ E 376/72
(5 ltr grps for RFFXS-Versailles France) (Hall, SA)
18461.8 PCW1: MFA Den Haag Netherlands 1310 SIT
(Hall, SA)
18490.2 NO ID: 1315 492R/100 (EVDNCKGEEGCWVISAL3 repeated for
several pages) (Hall, SA); NO ID: 1130 ARQ S4 ? 492/96
(poss TORG 11) (Hall, SA)
18498.8 PCW6: Dutch Embassy Jeddah Saudi Arabia 1321 SIT
(crypto tfc for PCW1) (Hall, SA)
19025 AEM1USA: USA MARS Heidelberg 1502 9/8 PACKET (wkg

AR4USD--6 char limit on PACKET IDs--AEM1USA=AE1USA)
(Navary, Va)
19567.7 EGYPTIAN EMBASSY: Beirut Lebanon 1331 SIT
(Hall, SA)
19646.9 RFT
Dakar Senegal off freq 19645) (Hall, SA)
19747.3 6VU79: Dakar Meteo Senegal 1320 409N/50 (coded wx) (Hall,
SA)
19751.31 6VU79: Meteo Dakar Senegal 1825 9/25 FAX 343 (wx charts)
(Wolfson, Oh)
19751.5 6VU79: Dakar Meteo Senegal 1314 FAX (very clear wx chart)
(Hall, SA); 6VU79: Meteo Dakar Senegal 1705 9/14 FAX 343
(wx chart) (Wolfson, Oh)
19756.8 DEPLU JAKARTA: Indonesia 1155 FEC S 136/96 wkg Indonesian
Algeria in REDBUS mode) (Hall, SA)
19862 NPN: US Navy Apra Harbor Guam 1138 FAX (vg chart, //
19859.9 USB) (Hall, SA)
20877.4 NO ID: 1150 834R/50 (personal msg signed Fermin Cacho)
(Hall, SA)
20982 NO ID: 1306 SWED ARQ 170/100 (corrupted Italian tfc)
(Hall, SA)
20988.6 NO ID: 1030 SIT
some Italian in clear) (Hall, SA)
22364.5 UWFJ: SOVSHIP MYS Ostrovskogo 1530 170N/50 (wkg
Sevastopol) (Hall, SA)
24007.6 NO ID: 1241 SWED ARQ 170M/100 (pulses) (Hall, SA)

I got a letter from Geoff Halligey that answers a few questions. He notes that BERNE (BERNA) RADIO IS active on 6643 (he logged it at 1422 on 9/17). He also reconfirms a station on 19800 LSB. He heard it twice on 9/20 between 0900-1400. Traffic was in EE w/u/i a/c w/11 passengers Cairo to Corfu and pp w/Cairo. Call sign sounds like AL FAT is a new US Embassy station that also uses 10464, 12210, 14621.2 and 17552. Thanks Geoff.

UTILITY NOT

News and Information from the World of Utilities
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Welcome back to another edition of Utility Notes. Since the last column, I have now added the Universal M-1000 decoder to the shack, so I'm no longer a "strickly SSB" guy! Still trying to get the hang of the various modes, but its coming along. Adds a whole new dimension to working with the "UTE's".

MILITARY

U.S. NAVY

The USS Saratoga (CV-60) will get underway for its final deployment in January. Plans call for the Saratoga Battle Group to joined by Marines and their amphibious ships to form a Joint Task group (JTG). During the coming months, Saratoga and its Battle Group will be conducting work-ups in preparation for its final deployment. The USS Saratoga, at age 38, is the oldest fleet carrier and scheduled for decommissioning in Summer of 94. Those

who QSL warships may want to listen for Saratoga, or its MARS station, NNNOCOU.

The Navy has commissioned the Cyclone-class coastal patrol ships Tempest (PC-2), Hurricane (PC-3), Sirocco (PC-6), and Squall (PC-7). Also recently commissioned was Avenger-class Mine Countermeasures ship USS Gladiator (MCM-11). The Navy also christened the amphibious assault ship Boxer (LHD-4), and the nuclear-powered attack submarine Toledo (SSN-769). Boxer is the fourth of six Wasp-class amphibious assault ships and displaces 40,500 tons. Toledo is the 54th of 62 Los Angeles-class attack subs to be built. The USS Orion (AS-18), which had been the oldest ship in the fleet, was decommissioned Sept. 3. Orion, a sub tender, had been in service for an incredible 50 years! Also the USS Kamehameha (SSN-642) has entered service at Pearl Harbor. The sub was formerly a Benjamin Franklin-class "boomer" and was decommissioned last year. The sub had the missile tubes removed and replaced with Dry Deck Shelters, which carry 67 SEALs and their equipment for transport and covert ops. The USS James K. Polk, a sister sub, is also being modified. The ships replace the USS Sam Houston and USS John Marshall, which have been scrapped. The hull numbers changed to SSN from SSBN for both subs.

FAQ (Frequently Asked Question): What's the difference between "christening", "commissioning", etc. A Navy ship has four major events before entering service. The first is keel laying, when the ship is actually begun to be built. The next is launching, when the ship actually enters water for the first time. Next is christening, when the ship is given a name. The last is commissioning, when it becomes a Navy ship and enters service with the fleet. Launching and christening occur mostly at the same time, except for the ships which are built modularly.

Both the USS Theodore Roosevelt Battle Group, and the USS Wasp ARG have returned home from deployment. They were relieved in Mediterranean Sea by the USS America JTG. The USS Saipan ARG also returned home from deployment in September. The America JTG includes; USS America (CV-66), USS Normandy (CG-60), USS Monterey (CG-61), USS Scott (DDG-995), USS Thorn (DD-988), USS Simpson (FFG-56), USS Boone (FFG-28), USS Guadalcanal (LPH-7), USS Shreveport (LPD-12), USS Ashland (LSD-48), USS Savannah (AOR-4), USS Butte (AE-27), USS Alexandria (SSN-757) and the USS Groton (SSN-694). The USS America boasts on the most modern C4I systems in the fleet, having recently been upgraded. Digital data links can be utilized between ships in the JTG allowing a real-time single tactical picture. Communications are now possible via International Marine Satellite (IMMARSAT) telephones, Secure Voice (STEL) lines, Non-Secure (POTS) lines and inter-Task Group cellular telephone systems.

The New Orleans ARG sailed for deployment to the western Pacific and Arabian Gulf in early September. The ARG includes; USS New Orleans (LPH-11), USS Denver (LPD-9), USS Comstock (LSD-45), and USS Cayuga (LST-1186). Listen for an increase in MARS activities from these ships.

The USS Sterett (CG-31), USS Gettysburg (CG-640), USS Vicksburg (CG-69), USS Jack Williams (FFG-24), USS Klakring (FFG-42), and the USS Caron (DD-970), have been deployed for Haiti operations to enforce UN sanctions. They will be joined by warships from Argentina, Canada, and France. So watch Able Manner, USN tactical, and NAT comms.

U.S. Coast Guard

More stations have been lost to history. I received a QSL veri letter

from the MARS station of the U.S. Coast Guard LORAN station at Marcus Island (NNN0NCA). Marcus Island is located in the Pacific, 1080 miles south east of Tokyo, Japan. It is (or was) the most isolated of the Coast Guard LORSTA's, or LORAN Stations.

Of primary interest to us UTE's is the fact the U.S. Coast Guard is in the process of turning over all LORSTA's to their host governments.

LORSTA's Gesashi and Hokkaido were turned over to the Japanese Maritime Safety Administration (JMSA) on July 1st of this year. LORSTA Iwo Jima were turned over to JMSA on September 29th and LORSTA Marcus Island on September 30th, becoming the last LORSTA in the Pacific Chain to be decommissioned.

The U.S. Coast Guard is working to turn other LorSta's over to their host governments. Already, stations NRT others have been lost to history. Other LorSta's outside CONUS won't be around long!

USAF Unit Designation Changes

Several units changed designations Oct. 1 as part of the new "heritage program" to preserve Air Force legacy during the defense drawdown. So you USAF listeners, take note. Unit designation changes are:

Dyess AFB, Texas (Air Combat Command), the 7th Wing, which was at Carswell AFB, Texas, until it closed, activated and the 96th Wing inactivated. The 9th Bomb Squadron activated and took on the mission of the 337th BMS. The 337th BMS assumed the B-1B training mission from the 338th Crew Training Squadron, which inactivated. The 39th Airlift Squadron activated and replaced the 772nd AS. The 40th AS activated and replaced the 773rd AS, which inactivated. Barksdale AFB, La. (ACC), the 96th BMS activated and replaced the 596th BMS which inactivated. The 2nd Wing became the 2nd Bomb Wing. Grand Forks AFB, N.D. (ACC), the 319th BW became the 319th Air Refueling Wing and transferred to Air Mobility Command, while ACC bombers became the 319th Bomb Group under 8th Air Force. Little Rock AFB, Ark. (Air Mobility Command), the 53rd AS activated and replaced the 16th AS, which moved to Charleston AFB, S.C. Beale AFB, Calif. (ACC), the 9th Wing changed to the 9th Reconnaissance Wing. Charleston (AMC), the 15th AS activated, replacing the 20th AS, which moved to Travis AFB, Calif. The 16th AS transferred from Little Rock, replacing the 76th AS, which moved to Ramstein AB, Germany. McChord AFB, Wash. (AMC), the 7th AS replaced the 36th AS, which moved to Yokota AB, Japan. McGuire AFB, N.J. (AMC), the 13th AS replaced the 30th AS, which moved to Yokota. Scott AFB, Ill. (AMC), the 11th Aeromedical Airlift Squadron changed to the 11th AS. Travis AB (AMC), the 21st AS moved from Yokota and replaced the 75th AS, which moved to Rhein-Main AB, Germany. The 20th AS moved from Charleston and replaced the 86th AS, which inactivated. The 19th AS moved from Yokota and replaced the 7th AS, which moved to McChord. Osan AB, Korea (Pacific Air Forces), the 51st Wing changed to the 51st Fighter Wing. The 25th Fighter Squadron activated and replaced the 19th Tactical Air Support Squadron, which inactivated. Yokota AB (PACAF), the 30th AS moved from McGuire and replaced the 20th AAS, which inactivated. The 36th AS moved from McChord and replaced the 21st AS, which moved to Travis. The 459th AS moved from March and replaced the 19th AS, which moved to Travis. Ramstein (U.S. Air Forces in Europe), the 76th AS moved from Charleston and replaced the 58th AS. Rhein-Main AB (USAFE), the 75th AS moved from Travis and replaced the 55th AAS, which inactivated. Kelly AFB, Texas (Air Force Intelligence Command), the 693rd Intelligence Wing changed to the 67th Intelligence Wing. Hurlburt Field, Fla. (Air Force Special Operations Command), reconstituted and consolidated the 16th Fighter Group with the 1st Special Operations Wing to become the 16th Special Operations Wing.

That should keep a lot of us busy changing known callsign's for awhile!

New Command

The U.S. Atlantic Command is now USACOM. The U.S. Navy's Atlantic Fleet, The Air Forces Air Combat Command, the Marine Corps' Marine Forces Atlantic, and the Army's Forces Command are component commands under the CIC USACOM.

The change will permit joint training, lower costs of transportation, range use and other support. USACOM will also be responsible for: Planning for land defense of the CONUS and Canada, Supporting peace operations, humanitarian assistance and disaster relief, and Responding to requests for military assistance to civil authorities and military assistance for civil disturbances in the United States, its territories and possessions.

Since its inception in 1947, Atlantic Command was primarily maritime with responsibilities from the North Pole to the waters around South America.

MARITIME

Cruising

For those who follow cruise ships, watch for the debut in December of the new Costa Cruise Line fleet company, American Family Cruises. The S/S Costa Riviera is in La Spezia dry dock, Italy, to become the American Pioneer. One other known ship will be the American Adventure.

Several new "mega" cruise ships have entered, or will enter service soon. These ships and their company and stats are: Sensation, Carnival Cruise Lines, 2,040 passengers (11/93), Costa Romantica/Costa Cruise Line/1,300 passengers (11/93), Windward/Norwegian Cruise Line/1,246 passenger (in service with sister ship Dreamward), Maasdam/Holland-America Line/1,266 passengers (in service), Crown Dynasty/Cunard Line/800 passengers (in service). Another fleet company, Canaveral's Fiesta Marina Cruises, will use the 37 year old, 950 passenger Carnival in the Latin-America market.

Several members sent in some maritime news this month, starting with Tom McKee in Cary, NC:

Mississippi River Station Information By Thomas A. McKee

I do a lot of listening is the SSB utilities, and have a particular interest in towboat communications on the Mississippi and connecting rivers.

I have noticed that the morning schedules are no longer being maintained by WGK in St. Louis and WJG in Memphis. A call to the WGK phone number yielded a "disconnected" message. It appears that the WGK frequencies of 4408 and 6212 can be scratched from our lists. Does anyone have any more information on WGK?

A similar call to WJG produced an answer and the information that WJG still has their capability on 4089 Khz, but they do not maintain any schedules on it and no longer use it much with all traffic being handled on VHF-FM.

I guess that WGK is a casualty of the barge operators "Watercom" VHF-FM system and the increasing use of cellular telephones.

The best bet for towboat communications now is WCM in Cincinnati on 4065, 6510, 8213 and occasionally 12362 Khz. Try them in the morning at 1200 to 1300 UTC on 4065 and at 1715 to 2000 UTC on 8213 and 6510. The marine utility frequencies of 4125, 4146, 4149, 6224, 6227, 6230, 8294 & 8297 are also very active with this type of traffic early in the morning.

The limited coastal station SSB frequencies given by Tom produce some strange users at times, you never know who will turn up on them!

New Speedx member and avid "CW" hunter Don Ward, in Palo Alto, Ca,

responded to my request for updated information on KFS.

KFS Update By Don Ward

I live about a mile from the KFS transmitters, so I am very aware of their presence. (I hear intermodulation products everywhere, including on my AM car radio.) As of a few days ago, they were still active in the 22MHz (CW at 22581.5), 16MHz (one or two SIT

I have noticed that they stopped using at least one frequency in the 22MHz band (around 22515?) a month or two ago.

In a recent article in the San Jose Mercury News, it seems that the City of Palo Alto wants to buy out the rights to the land that KFS is on (Palo Alto already owns the land, but KFS has the rights to use it). KFS says they are considering relocating, either to Tracy (east of Oakland) or Salinas (south of San Jose). They also repeated a story (apparently no one knows if it is true) that KFS received a report on December 1, 1941 that a Japanese flotilla was sighted moving east.

The following frequencies are still active for KFS: 16829.5 Sitor, 17026, 17184.8, and 22581.5 in CW. 22515.0 has not been heard since August.

Thanks to Don for that update, and welcome to Speedx! Additionally, since adding the M-1000, I have logged them on 12580.5 and 8417.5 in Sitor, and on 12695 in CW.

Both Don, and another new member, who has become fascinated with the UTE's, Alessandro Bottonelli (he says Alex is fine for English-speaking people), who hails from Pregnana Milanese, in northern Italy, are sending their logs for Mike Wolfson's column to me via electronic mail. If anyone else would like to do that, and save a buck (or a lira), its fine with me. I send Mike a disk every month anyway, so theres plenty of room. I just better not be late or Mike will be out looking for me, and I'm not all that far from Ashland! A big Speedx welcome to Alex also, I'm sure you'll all enjoy seeing what he is hearing in his neck of the woods.

A slight miscalculation on conversion from Swiss Francs brings the cost of the ITU's List of Ship Stations down to \$US 62.00, or 85.00 in Swiss Francs, according to a letter I just received from them. Out of room, so no Tip of the Hat this month. Let's see what the change in seasons brings in...

SPEEDX members had this information over two months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

Trash & Treasure: Information on on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson.

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Bob Colyard

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utility DX loggings, frequency lists and schedules,
edited by Mike Wolfson

UTILITY NOT
edited by Rick Baker

SPEEDX AWARDS: A wide variety of awards are available for members
DX'ing accomplishments, Harold Woering, Awards
Chairman

....and more!

If you would like to learn more about the SPEEDX radio club,
(the Society to Preserve the Engrossing Enjoyment of DX'ing), a
non-profit volunteer hobby organization founded in 1971, please
write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196,
DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the
Electronic Edition!

--

Rick Baker (ae...@yfn.ysu.edu)

Recorded live and direct from downtown Austintown, Ohio

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 3, No. 3 March, 1994 =====
=====

Edited by Richard Baker

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UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike at:

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1842 Mifflin Ave.
Ashland, Ohio 44805

UTILITY NOT
about the world of utilities, and utility stations. Contributions in these area's can be sent to myself at:

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Austintown, Ohio, 44515-3844

Internet: ae...@yfn.ysu.edu

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UTILITIES

Utility Logging's, Schedules, and Frequencies
Edited by Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

AERO

- 4666 HONOLULU RADIO: Hi US 1341 9/23 USB good (wkg PACIFIC 303, M908C, secondary freq 3467) (Thompson, Ca)
5520 NEW YORK RADIO: US 0550 10/9 USB (wkg UNITED 996, not a listed freq -anyone know anything about this freq-JN) (Navary, Va)
5637 KHARTOUM RADIO: 0203 10/10 USB 344 (wkg KLM 563, COLUMBIAN 1925) (Bottonelli, Italy); NAIROBI RADIO: Kenya 0208 10/10 USB 444 (wkg BONAIR 622, KHARTOUM) (Bottonelli, Italy); SEYCHELLES RADIO: 0212 10/10 USB 232 (wkg ??? 733, QRM from other ATC stns, u/id a/c clg MOGADISHU CONTROL 11300) (Bottonelli, Italy)
5643 HONOLULU RADIO: Hi US 1332 USB poor (wkg CONTINENTAL 16, secondary freq 3467) (Thompson, Ca)
5667 HONOLULU RADIO: Hi US 1325 9/23 USB good (wkg DELTA 74, AMERICAN 128) (Thompson, Ca)
5713 ARCHITECT: RAF 0302 10/18 USB (wx for RAF bases) (Braun, Va)
5719 LINK 11: USN Link 11 Data Systems 0126 10/20 USB (heard all over since start of Haiti ops) (Baker, Oh)

6577 AIR CANADA: 0345 10/21 USB (wkg NEW YORK w/request for current game 4 World Series score) (Braun, Va)
6683 AF-1: 0320 10/13 USB (pp w/ANDREWS/CROWN to USAF Ops Center re departure from Raleigh, request for digital contact) (Braun, Va)
6697 3UK: 0056 10/13 USB (pp thru 9ER to 3550 re msg) (Braun, Va)
6721 WHISKEY 2 JULIET: 0950 10/10 USB 444 (wkg 3AS) (Bottonelli, Italy)
8894 ALGIERS AERADIO: Algeria 0144 10/12 USB (wkg SPEEDBIRD 228) (Lukas, NY)
8984 CG 1716: 0310 10/18 USB (wkg Portsmouth w/pp to District 8 Ops, extensive tfc re SAR, debris found, flares spotted, multiple a/c involved, also heard on 5096) (Braun, Va) (GREAT CAT
10009 NO ID: 2312 10/9 USB 333 (talk in Chinese ?, went on for hours) (Bottonelli, Italy)
10027 PRAHA RADIO: Czechoslovakia 1208 9/25 USB 111 (wkg u/id a/c, wx, SELCAL chks) (Bottonelli, Italy)
10528 LONDON RADIO: UK 2332 10/9 USB 444 (wkg u/id a/c w/pp) (Bottonelli, Italy)
11052 AFA: Andrews AFB Md US 1647 10/12 USB (wkg REACH 972) (Lukas, NY)
11176 REACH 1886, 1485: 0330 10/7 USB (wkg HILDA EAST re refueling tracks over Saudi Arabia, CS of tanker- SHELL XX) (Braun, Va)
11270 MAGIC 77: 0252 10/18 USB (clg DHN66-NATO Gellsenkirchen, Germany, no joy, clg JULIET 4 PAPA, no joy) (Braun, Va)
11396 PERTH RADIO: Australia 1508 10/7 USB 322 (wkg SINGAPORE 223)(Flynn, Or)
13312 ROCKWELL FLIGHT TEST: 1434 10/16 USB (wkg 321FE) (Navary, Va)
15015 ALBROOK AFB: 1950 10/16 USB (wkg 90012 w/explosives cargo) (Bellovich, FI)
15015 NO ID: 1938 10/12 USB (m w/phonetic msg) (Bellovich, FI)
15035 CHR: Trenton Military Canada 1638 USB (wx) (Havrliko, Germany) (a warm welcome to the column Vincent-MW); CJX: St John's Military Canada 1640 USB (wx) (Havrliko, Germany)

CW

3739 XSF2V: Linyungang Radio? China 1343 10/9 (CQ) (Flynn, Or)
6336.8 CBV: Playa Ancha Radio Chile 0306 10/30 (marker) (Ward, Ca)
6382.2 EAD2: Madrid Radio Spain 0341 10/30 (marker) (Ward, Ca)
6386.5 ZSJ: COMCEN Cape Silvermine South Africa 0351 10/30 (marker) (Ward, Ca)
6389 CTP: Oeiras Naval Portugal 0730 10/24 (marker) (Ward, Ca)
7627 KWS78: MFA Athens Greece 0503 9/25 (ID) (Lukas, NY)
8148 OVG8: Frederikshaven Radio Denmark 2247 10/16 (ID) (Lukas, NY)
8357 WVHS: 0025 9/2 (wkg NMN) (Fitzgerald, RI) (welcome to the column-MW)
8448 A9M: Bahrain Radio 0324 10/16 (marker) (Ward, Ca)
8470 XFL: Mazatlan Radio Mexico 0403 10/16 (marker) (Ward, Ca)
8515 5AT: Tripoli Radio Libya 0008 10/25 (marker, ID) (Clar, NY)
8538 6WW: Dakar Naval Senegal 0438 10/16 (marker) (Ward, Ca)
8550 NO ID: 0901 9/25 544 (FF wx-PLEASE HELP W/ID) (Bottonelli, Italy)
8670 IAR: Rome Radio Italy 0019 10/25 (marker, ID) (Clar, NY)
8682 EAD2/3: Madrid Spain 2111 9/24 (ID) (Bottonelli, Italy)
8704 SVB4/5: Athens Greece 0215 9/19 (marker) (Fitzgerald, RI)
10045 4XZ: 2327 10/9 545 (wkg ??? 932, 5 ltr grps, marker) (Bottonelli, Italy)
12585 PCH55: Scheveningen Radio Netherlands 1841 10/28 (ID) (Lukas, NY)
12662 BOUFARIK RADIO: Algeria 0049 9/1 (marker) (Fitzgerald, RI)
12664.5 FUM: Papeete Radio Tahiti 0205 10/12 (marker) (Ward, Ca)
12690 UJY: 2115 9/27 555 (ID) (Bottonelli, Italy)
12699 HPP: Panama Intelmar Radio 0214 10/12 (marker) (Ward, Ca)
12797 VDK2: Murmansk Radio Russia 0047 9/1 (marker) (Fitzgerald, RI)
12891 UFN: Novorossiysk Radio Russia 0113 10/13 (marker) (Ward, Ca)
12907 VHP: Canberra Radio Australia 1155 10/15 (marker, ID) (Clar, NY)

12966.8 A7D: Doha Radio Qatar 1206 10/28 (ID) (Clar, NY)
13042 PJC: Curacao Radio Netherlands Antilles 1200 10/15 (QSX marker) (Clar, NY)
13062 CLA: Havana Radio Cuba 1715 10/10 (marker) (Fitzgerald, RI)
16728 SWGA: 1534 9/6 (clg SVB) (Fitzgerald, RI)
16933.2 JOS: Nagasaki Japan 0127 9/20 (marker) (Fitzgerald, RI)
16998.5 JDE: Choshi Radio Japan 0120 9/20 (marker) (Fitzgerald, RI)
17043.2 JCU: Choshi Radio Japan 0125 9/20 (marker) (Fitzgerald, RI)
17180 HWN: Houilles Naval Paris France 1520 9/6 (marker) (Fitzgerald, RI)
20225 NMN: COMMSTA Portsmouth Va US 2050 10/18 (ID) (Lukas, NY)
20946 8BY: 1550 10/21 (ID) (Lukas, NY)
22473.6 LGG/GW: Rogaland Radio Norway 1240 (ID, QSX, etc.) (Hall, SA)
22476 DAM: Norddeich Radio Denmark 1234 (VVV, ID, etc) (Hall, SA)
22592.2 A9M: Bahrain Radio Bahrain 1423 10/3 (ID) (Clar, NY)
22595.9 SVB6/7: Athens Radio Greece 1230 (ID QSX, etc) (Hall, SA)
22630.4 IAR: Rome Radio Italy 1223 (VVV, ID, etc) (Hall, SA)
22636.5 LYL: Klaipeda Radio Lithuania 1221 (ID, QSX, etc) (Hall, SA)
22694.2 XSG: Shanghai Radio China 0229 10/21 (marker) (Ward, Ca)

MARINE

2103.5 CCGS ANN HARVEY: Canada 0605 10/3 USB (wkg ST Lawrence CG Radio) (Navary, Va)
2137 CGBS: CSS Parizeau 0635 10/14 USB (wkg another CSS vessel w/chat, what's "CSS"-RB) (Baker, Oh)
2182 USCG STN GEORGETOWN SC: US 0004 10/27 USB (clg S/V ELYSIUM, no joy) (Navary, Va);
2206 SS GYPSUM KING: 0547 10/19 USB (2206/2582 wx rpt to Yarmouth CG Radio) (Navary, Va)
2514 VON: St John's CG Radio Canada 0713 10/8 USB (2118/2514, wkg u/id CCGS re vessel being towed in) (Baker, Oh)
2598 VCP: St Lawrence CG Radio Canada 0538 10/3 USB (gale warning) (Navary, Va)
2670 GLD: Land's End Radio UK 0633 10/3 USB (nav warnings) (Navary, Va)
2749 VCO: Sydney CG Radio Canada 0535 10/3 USB (gale warning) (Navary, Va)
4071 ELGH6: M/S Regal Princess 0327 10/13 USB (wkg WOM) (Navary, Va)
4160.5 FOXTROT TANGO: 0440 10/31 USB (wkg various naval vessels (stn?), "FT" net control ?, Haiti operations, stns head include: OSCAR, ROMEO, KILO, MIKE, PAPA, FOXTROT, VICTOR) (Navary, Va),
6501 NOJ: COMMSTA Kodiak Ak US 0408 10/6 USB (wkg USCGC WOODRUSH (WLB-407)) (Baker, Oh)
6510 WAH: St Thomas Radio Virgin Islands (0200 10/12 (wx for PR & Virgin Islands) (Baker, Oh)
8204 NHT (Oh)
8219 ELFK6: JUBILEE 0245 10/15 USB (R/T tfc via KMI) (Navary, Va)
8240 J8PE: 2236 10/12 USB (wkg NMN w/wx rpt) (Navary, Va)
8294 WPE: Jacksonville Radio FI US 2332 10/6 USB (wkg several tugs, asked if going through the hole in the wall) (Navary, Va)
12242 LRQT: 1710 10/22 USB (wkg WOM off Haiti, ragchew w/WOM, heard shots fired by CG last night-scary) (Navary, Va)
12296 M/V Hamilton K: 2050 10/1 USB (wkg WOM w/R/T tfc) (Navary, Va)
13104 WOO: Ocean Gate Radio US 1550 USB (business, wx discussed) (Havrilko, Germany)
16363 REPULSE BAY: 1523 10/10 USB (wkg Portishead Radio w/R/T tfc) (Navary, Va)

PHONE

2749 VCS: Halifax CG Nova Scotia Canada 2225 10/26 USB (wx) (Lukas, NY)
4466 EMPIRE 826: NY CAP Net 2301 10/18 USB (w/ EMPIRE 826 as NCS, chk in by other EMPIRE units) (Baker, Oh)
4560 VESSEL MORESBY: 0030 10/6 USB (wkg HALIFAX w/priority msg) (Braun, Va)
5246 KING 1: 0018 10/6 USB (wkg CAPE RADIO w/rx chk, wkg Cape Osburn) (Braun, Va)
6813 AAM3PR: US Army MARS Net 0030 10/5 LSB (w/AAM3PR as NCS) (Baker, Oh)
7535 NOZK: USS Josephus Daniels (CG-27) 1458 10/14 USB (w/HF xmitr tests to NORFOLK SESEF) (Baker, Oh)
7548.5 V9P: 2302 10/31 fair/poor (ID w/number-letter groups) (Hardester, NC)
7685.5 NNNOXHD: USN MARS 2133 10/3 USB (w/msg fills for Region 4 tfc net, RTT daily before 2100 170/75) (Baker, Oh)
8103 FOXTROT CHARLIE: 1128 10/4 USB (man w/foreign accent clg MBR09, no joy) (Braun, Va)
10780 KING 1: 0015 10/6 USB (wkg CAPE RADIO w/rx chk, main freq-5246) (Braun, Va); FISHER: Cape Radio FI US 1443 10/18 USB (wkg W3V re status of Columbia, tactical c/s used on non-classified mission) (Baker, Oh)
10855 R MOSCOW: Russia 1955 USB (R Moscow feeder) (Hall, SA)
11022 FOX WHISKEY: USN 0058 10/27 USB (wkg FRUIT JUICE 715 for vessel contact rpts, USN Haiti ops freq) (Baker, Oh)
12258 RRC: 0124 9/1 USB (wkg CRZ, EE) (Fitzgerald, RI)
14295 WA2NAN: Goddard Space Flight Center 1450 10/16 USB (rebroadcast of audio from shuttle) (Bellovich, Va)
14385 NNNOCPS: USS John A. Moore (FFG-19) 00019/18 USB fair (thru NNNOBTO w/pp) (Thompson, Ca)
14441.5 NNNOCRK: USS Ponce (LPD-15) 0032 9/8 USB fair (also NNNOCPS USS John A. Moore (FFG-19), clg any MARS stn) (Thompson, Ca), NNNOCUY: 0050 9/8 USB fair (wkg NNNOWNE w/pp) (Thompson, Ca); NNNOCLEB: 1925 9/19 USB fair (clg any MARS stn, wkg NNNOGPM, NNNOWNQ, QSY 10258, 16298.5) (Thompson, Ca); NNNONGW: USS George Washington (CVN-73) 2306 9/8 USB poor (tfc) (Thompson, Ca); NNNOCMC: USS Audrey Fitch 0015 9/20 USB good (wkg NNNONVW-WHIDBEY IS WA MARS Stn, QSY 13826, 14441.5, 14383.5, 14441.5, request for help from shore stn) (Thompson, Ca); NNNOCYJ: USS Stark 2310 9/23 USB good/poor (wkg shore stn NNNOUTO, QSY 13826, return to 14441.5) (Thompson, Ca); NNNOCAB: USS McKee (AS-41) 2335 9/19 USB fair (wkg NNNOCAC (USS Mobile Bay (CG-53), QSY 14470, NNNOCPL USS Kiswa, NNNOWNQ Ventura Ca, NNNOUTO, NNNOCYU USS Vigilant, QSY 14470) (Thompson, Ca)
14470 NNNOCUY: 0051 9/8 USB fair (wkg NNNOWNE w/rdo chk) (Thompson, Ca)
14670 CHU: Canada 1332 AM (time signal, RTT)
14835 NNNONWH: Special Event Stn Bellows AFB Hi US 0320 9/18 USB poor (ID, wkg NNNOFNN) (Thompson, Ca)
15000 WWV: Ft Collins Co US 1458 AM (time signal, miss old voice) (Havrilko, Germany)

RTT

4017 USA MARS: 0150 10/19 170/45 (US Army MARS tfc) (Baker, Oh)
4023 USA MARS: 0140 10/19 SIT
4176.5 VES ADEZHDA BUKHOVA: 0212 10/20 SIT
5864 AOK: USN Rota Spain 0031 10/14 FAX (chart) (Baker, Oh)
6267.5 C6HX6: C/S Regent Sun 0257 10/13 SIT
6315 WNU: Slidell Radio La US 0655 10/24 SIT
6323 WLO: Mobile Radio AI US 0302 10/30 SIT
6825 AT4TGA: US Army MARS 2209 10/3 PACKET (w/AT4TFC) (Baker, Oh)

6826 AR4USC: US Army MARS 1839 10/5 PACKET (HF mailbox, Ft Bragg, NC)
(Baker, Oh)
6918.5 ECA7: Madrid Meteo Spain 0049 10/14 FAX (winds/temp chart) (Baker, Oh)
8388 NMHT: USNS Sealift Mediterranean 0135 10/15 SIT
NMN) (Navary, Va)
8420 FFT
8421 9AR: Rijeka Radio Croatia 0245 10/15 SIT
(Ward, Ca)
8427 PPQ: Sepetiba Brazil 0301 10/16 SIT
9241.5 LRO64: DYN Buenos Aires Argentina 2334 10/13 FAX poor (sports FAX)
(Baker, Oh)
10521.6 NO ID: 0558 ARQ E3 373/192 (idling) (Hall, SA)
10527.1 NO ID: 0555 ???? 978/86 (tfc not noted) (Hall, SA)
10536.2 CFH: CANFORCE Halifax Canada 0552 803/75 (wx codes) (Hall, SA)
10551.3 GFL23: Bracknell Meteo UK 0548 395R/50 (SYNOP codes) (Hall, SA)
10605.2 NO ID: 0545 ???? 845/50 (no tfc noted) (Hall, SA)
10798.5 RFLI: French Forces Fort de France Mauritania 2000 ARQ E3 425/96
(idling) (Hall, SA)
10805.4 NOT
10873.9 RFLI: French Forces Le Port Reunion 0520 ARQ E3 425/100 (idling) (Hall,
SA)
10892.1 GXQ: British Army London UK 0517 VFT
(Hall, SA)
10966.2 NO ID: 1940 ARQ E 409/72 (not Hamburg Meteo as listed) (Hall, SA)
11093 DDH9: Hamburg Meteo Germany 1928 393R/50 (wx codes) (Hall, SA)
11334.7 NO ID: Togo Boustane Lome 1824 SIT
grps- a record) (Hall, SA)
11415.3 RFFVAY: Sarajevo Bosnia 1810 ARQ M2 372/200 (wkg RFFP w/FF wx rpt for
airport) (Hall, SA)
11443.7 NO ID: 1835 SIT
ltr grps) (Hall, SA)
11453.4 IMB3: Rome Meteo Italy 1923 838N/50 (SYNOP codes) (Hall, SA)
11476 HMF52: KCNA Pyongyang N Korea 2351 10/18 FAX 288/60 excellent (wirepix,
marching mx between pix, approximate sked 2330-0030) (Baker, Oh)
11480 AFP: Argentina 2311 10/15 FAX (press pix) (Navary, Va)
12140.4 HWN: French Navy Paris Houilles France 1730 809R/75 (RYs, IDs) (Hall, SA)
12186.2 JANA: Libya 1733 406R/50 (EE nx, anti US propaganda) (Hall, SA)
12212.8 YZ07: TANJUNG Belgrade Yugoslavia 1741 415N/50 (FF nx) (Hall, SA)
12591.5 UFL: Vladivostok Radio Russia 0138 10/12 SIT
13366.7 5YD: Nairobi Meteo Kenya 1743 241N/50 (RYs, IDs) (Hall, SA)
13372.7 5YD: Nairobi Meteo Kenya 1745 207N/50 (RYs, IDs) (Hall, SA)
13444.3 RFQP: French Forces Djibouti 1750 ARQ E3 386/100 (idling) (Hall, SA)
13512.4 MKD: RAF Akrotiri Cyprus 1758 VFT
channels) (Hall, SA)
16274.7 GXQ: British Army London UK 1855 VFT
channels) (Hall, SA)
16421.8 RFT
16608.1 SPH61: Gydnia Radio Poland 0650 SIT
16796 UST
16803.1 ENBE: SOVSHIP TR Proliv Sannikova 1535 170N/50 (wkg Sevastopol) (Hall,
SA)
16806.6 NMC: USCG San Francisco Ca US 1525 SIT
wx) (Hall, SA)
16814.5 UPB: Providenia Bukhta Radio Russia 2338 10/16 SIT
16816.1 ZSC: Capetown Radio South Africa 0700 SIT
(Hall, SA)
16829.1 UBN: Mariupol Ukraine 1245 SIT

17590.5 JEDDAH MET
 ERA unit) (Hall, SA)
 18231.7 ZAIREAN BANK CIRCUIT: Zaire 0857 165R/45 (normally uses SIT
 SA)
 20169.2 OMZ: MFA Prague Czechoslovakia 1127 398N/96 (w/Czech nx, listed at 75
 baud) (Hall, SA)
 20462.5 NO ID: 1110 ARQ M2 331/96 (PTT Lumumbashi w/tlx tfc for Brussels)
 (Hall, SA)
 20584 SALCOST ROME: Italy 1125 SIT
 (Hall, SA)
 20590.2 HBD20: MFA Berne Switzerland 1743 SIT
 several embassies) (Hall, SA)
 20670 NO ID: Rome Italy 1133 SIT
 SA)
 20692.2 LOL: Argentina 1730 393N/72 ("LOL to NBA", NAVRAD Circuit Buenos
 Aires/Balboa) (Hall, SA)
 21095 W1AW: ARRL Newington Ma US 1514 170N/45 (propagation data) (Hall, SA)
 21859.1 DFZG: MFA Belgrade Yugoslavia 1455 389N/72 (EE nx) (Hall, SA)
 22346.6 SOVSHIP BAT
 22355.1 YLEY: SOVSHIP RTMS 7514 0951 170N/50 (wkg Riga w/fish catch rpt) (Hall,
 SA)
 22356.1 UFYW: SOVSHIP Roujany 1002 170N/50 (RYs, IDs) (Hall, SA)
 22357 UUXS: SOVSHIP T Volkhov 1006 170N/50 (wkg Moscow-UAT) (Hall, SA)
 22357.1 VFEK: SOVSHIP TH Mikhail Vladimirskiy 0944 170N/50 (wkg Vladivostok-
 WLD) (Hall, SA)
 22359.6 LYGF: SOVSHIP BAT
 (Hall, SA)
 22363.5 LYFI: SOVSHIP Marshal Novikov 1055 170N/50 (wkg K'Grad) (Hall, SA)
 22367 SOVTRAWLER AB: 0032 1545 170N/50 (w/fish rpt to Archangel) (Hall, SA)
 22377 GKE7: Zwindrecht 1130 SIT
 (Hall, SA)
 22387.6 SVA: Athens Radio Greece 1022 SIT
 22688.1 WLO: Mobile Radio Alabama US 1836 SIT
 (Hall, SA)
 23331.5 KVM70: Honolulu Meteo Hi US 1923 10/4 FAX fair (ocean surface temp chart)
 (Baker, Oh)

Via Rick Baker and Jason Berri, I got the following hot information about
 KCNA from North Korea.

Captured tonight (3Nov 93) on 11476 from Cupertino California by Richard
 Crisp:

ATT

THE TIMETABLE AND FREQUENCIES OF OUR RTT
 CHANGED AS FOLLOWS FROM 0400 GMT

DIRECTION LANGUAGE TIME NUMBER OF FREQUENCIES FREQUENCIES

ASIA	ENGLISH	0400-0600	HMF 32/46	14568/14580
		1000-1100	HMF 46/86	10580/8152
		1500-1730	HMF 46/85	10580/8020
	FRENCH	1145-1430	HMF 45/86	10524/8152
	PHOTO	2330-0000	HMF 36/52	13580/11476
		0030-0100	HMF 36/52	13580/11476

EUROPE ENGLISH 0400-0530 HMF 26/55 15633/11476
1000-1200 HMF 26/55 15633/11430
1500-1730 HMF 35/84 13780/9395

RUSSIAN 0600-0830 HMF 26/35 15633/13780
1230-1430 HMF 26/55 15633/11430

FRENCH 2130-0000 HMF 55/84 11430/9395

AMERICA ENGLISH 0400-0730 HMF 36/52 13580/11476
2130-2300 HMF 36/52 13580/11476

AFRICA ENGLISH 0800-1030 HMF 57/49 14452/11536
1800-2100 HMF 52/85 11476/8020

FRENCH 1145-1430 MMF 57/49 14452/11536
1800-2100 HMF 49/84 11536/9395

KOREAN CENTRAL NEWS AGENCY
NOV. 4,1993

0411931402

NNNN

-

ZCZC

QRX SK

QRX SK

A letter from Geoff Halligey arrived with more information about the traffic on 19800 LSB. He reports that from "operator chat" the identifier seems to be SPEEDBIRD EXECUTIVE AIRCRAFT, presumably an offshoot of British Airways based in DOHA. Callsigns are MARY 2 and MARY 3. The ground station is A7A211, condensed to ALPHA 211.

Geoff also reports that the BRACKNELL FAX stations GFA and GFE have been combined into GFE. The schedule is 2618.5 1800-0600; 4610 24 hrs.; 8040 24 hrs.; 14436 24 hrs.; and 18261 0600-1800. Thanks for the updates Geoff.

We should remember that time signal stations are utility stations. While at the MONITORING TIMES convention in Atlanta I was reminded of this fact by Myke Weiskopf of THE TICK-TOCK TIMES. He gave me a copy of their newsletter and it seems to be a chock full of information about time signal stations. More information can be obtained by writing: 1119 Parkwood Ave. Rockford, Il. 61107.

Speaking of the MT convention, I enjoyed myself. There were a large number of UTE listeners and they all had a lot to say about the topic. Larry Van Horn gave a number of interesting and informative discussions on the subject. I was also asked to sit in on a impromptu panel discussion about utilities and utility stations.

On the subject of get togethers, don't forget about WinterFest the weekend of 11-13 March, 1994 in Kulpville, Pa. Until next month, 73.

UTILITY NOT

News and Information from the World of Utilities

Richard "RD" Baker, Editor

1352 Cavalcade Dr.

Austintown, Ohio 44515-3844

Internet: ae...@yfn.ysu.edu

We're back to close out another year. A lot of us will be traveling during the holiday's visiting friends family and loved ones. But there will be one large group of folks who will be away from home, perhaps not at their own choosing. These are your members of the military services of our countries.

To maintain morale, many countries provide or permit the means for these members to "call home". Phone calls are sometimes placed over maritime radiotelephone frequencies, such as the Royal Navy does through Portishead Radio. Canada has its CFARS system which works with volunteer amateur radio operators. The last report from David Ross, who closely follows CFARS nets, indicated that CFARS stations were being added to larger fleet and Canadian Coast Guard ships. Canadian Forces U.N. deployments are also well represented with CFARS stations.

Here in the U.S., we have the MARS (Military Affiliated Radio System) program. The U.S. Army, Air Force, and Navy, each have their own MARS systems and nets. The one I'm most familiar with is NAVMARCORMARS, or Navy, Marine Corps MARS, which also includes the Coast Guard and NOAA ships.

I have followed the SSB side of NAVMARCORMARS for a number of years. Now, with the addition of the M-1000 I have been able to look into the MDS, or MARS Data System side, which includes other transmission modes. These modes include RTT Sitor-B (FEC), Packet, CW, and the new Pactor mode (which the M-1000 does not handle).

What I have found is an elaborate system of HF "mailboxes", message switches, and routing or traffic nets. These nets can be found active almost 24 hours a day passing Marsagrams to and from various ships and units. Here are some of the frequencies, use, and modes I have found so far: 2656.0 SSB/CW/RTTY traffic Net; 4009.5 Traffic Net, Region 1 in SSB/RTTY/FEC; 5765.0 Amtor Net; 5797.0 Amtor Net, NNNOMCP/NNNOMAL link; 5797.5 Traffic Net, Region 1; 5861.3 NNN0HCS/NMVE Packet (Window), NNN0ICP/NMRP Packet same as HCS, NNN0RWW/CMRS Packet, same as HCS (Duel Packet); 5862.3 Region 4, Packet to Amtor & Amtor to Packet Link, NNN0XHD/NMRN secondary; 5863.5 Region 4 Packet/Amtor; 7370.5 Amtor NNNOMCP HF Mailbox; 7375.0 Region 5 traffic net; 7500.0 Region 5-Discrete Single Channel mode, NNN0MPN HF Mailbox?; 7682.5 NNN0RWW/NMRS Packet/Amtor, Region 4; 7683.3 NNN0XHD/NMRN Primary Amtor/Pactor; 7684.3 Packet/Amtor (Window), NNN0THZ/NMRT Packet; 7685.0 Amtor; 7685.5 RTTY/USB at 75/179 Region 4 2100 EST APLINK; 7686.5 Amtor NNN0XHD HF Mailbox; 7900.0 Amtor; 7992.0 Packet; 7992.5 Packet/Amtor, NNN0YMN/NMDV Primary Region 4 MDS, NNNORMC/NMRO Secondary Region 4 MDS; 7993.5 Packet, Region 5, NMVD; 7995.5 Amtor NNNOMCP APLINK, Region 2; 7996.0 Amtor NNNOMCP Primary; 9052.0 Amtor, NNNOMCP Secondary; 11070.0 Amtor, Region 4/NNN0BYR HF Mailbox; 12127.5 Packet; 14759.0 Packet; 14760.0 Packet, NMDV Region 2; 14761.5 Amtor Region 4; 14762.5 Amtor, NNN0BYR HF Mailbox/R-5 tfc rep; 14762.5 Amtor NNN0GKE HF Mailbox; 14763.0 Amtor; 14763.5 Amtor, NN0BYR APLINK; 14934.5 Amtor; 14935.5 Amtor, Region 4, NNN0EYD HF Mailbox; 14936.5 Amtor NNN0NIK HF Mailbox; 14937.5 Amtor, NNN0NIK HF Mailbox; 16173.0 Amtor; 16173.5 Amtor; 16174.5 Amtor, Region 4; 16175.5 Amtor, NOASE switch; 18890.0 Amtor; 19918.57 Amtor, Region 4; 20470.0 Mars Amtor. Some of these may be "assigned" as opposed to "window" frequencies.

I have also noted Army and Air Force MARS in various modes on other frequencies. These are all volunteers who donate their time and equipment for these commendable duties, and my hats off to them! Any updated net or mode info appreciated for any of the MARS programs.

Also, while on the subject of Navy Mars, Peggy Thompson (Ca) sent me some callsign's she has heard on the west coast that are listed as ships which are decommissioned: NNN0COB, NNN0COO, NNN0CSD, NNN0CTO, and NNN0CUY.

She also did a little SIGINT (Signals Intelligence) and learned that shore station NNN0OCF is located in Minneapolis-St. Paul. I can add my list of "heard" unknowns as NNN0CAA, CBZ, CCL, CLX, CRO, CRU, CSM, CWK, and shore station NNN0NSB. Anyone help us out on these?

Chuck Yarbrough checked in with his reviews of the new Klingenfuss books, the first of which we have this month.

Review: Air and Meteo Code Manual By Chuck Yarbrough

Many of the radioteletype signals one encounters on shortwave seem to be either encrypted or otherwise undecipherable. However, for those with the proper knowledge, experience, and resources, one can still make sense of them. One such signal type is meteorological reports.

Meteorological (or meteo for short) RTT around the clock from various locations around the world linking airports, pilots, and other authorities into the World Meteorological Organization Global Tele-communication System. On this net you will find various types of data presented. However, all of it will be coded so that automated computers can receive and translate the information.

As RTT dedicated translation computer (or the associated software), so we have to do the 'translating' ourselves. For many years there were no accurate publications which provided the codes so that we could interpret the intercepts we were getting.

Joerg Klingenfuss changed this with his Air and Meteo Code Manual. The 13th edition of this venerable work has recently been released by Klingenfuss Publications. As usual, the book describes the Global Telecommunication System and the various types of messages you will receive on HF: AIREP, BAT WITEMS, along with other code forms as well.

One additional benefit of the Air and Meteo Code Manual is that it also describes the ICAO Aeronautical Fixed Tele-communication Network as well. Once again, this net links primarily airports and pilots, primarily in the developing world. This book will allow you to translate the various air traffic service messages and even tell what kind of aircraft you are listening to! Not only that, but it also has all the station index numbers for all the major airports in the world! Lets say you received an intercept with the number 72651--Klingenfuss would tell you that you were listening to Foss Field at Sioux Falls, South Dakota! This book is VERY detailed.

Of course, if you may not be able to get the number, but you tune into a WMO net station and get a four letter code the head of a bunch of numbers. You may have intercepted a RTT

four letter code EGGR at the head of a bunch of letters and numbers. Well, Kligenfuss would tell you that you are reading a message from London/Gatwick Airport in the United Kingdom. Not only that, but you would be able to use the same method to tell the weather forecasts for other airports in the same message! Now you wouldn't have to worry about what weather Aunt Janie will encounter when she lands on her tour to Britain!

As with most of the Kligenfuss publications, the Air and Meteo Code Manual is quite detailed in the amount of information presented. It is also of the highest quality. In fact, you will not find another publication which even attempts to cover this subject. I enthusiastically recommend this book to all RTT SPEEDX readers in particular. I find it indispensable in my daily monitoring of those seemingly indecipherable signals coming out of Africa, Asia, and Europe.

The Air and Meteo Code Manual is not a frequency list like Kligenfuss' other books. It is the defacto standard reference on this subject today, however. It may be obtained for 50 German Marks directly from Kligenfuss Publications, Hagenloher Strasse 14, D-72070 Tubingen, Germany. It can also be purchased from Universal Radio, 6830 Americana Parkway, Reynoldsburg, Ohio 43068 for US\$29.95.

Chuck's still in the "thick" of things as you can see! Next month we'll present his review of Guide to Facsimile Stations, 13th Edition.

Aerial Development of New England has added some new items to their line-up for UTE's that need aircraft information. New and just released:

FAA Aircraft & Callsign Directory: Its a official U.S. registry of both domestic and international airline callsign's. Includes alphabetical listing of callsign's, company names, bases of operation and three-letter abbreviation code. An aircraft type designator section contains official four-letter/number codes for both military and civilian aircraft operating in the U.S. Extracted from FAA document 7340.1, it costs US\$9.90

FAA Pilot/Controller Glossary: Make sense of aeronautical communications with the "official language" of Air Traffic Control. Arranged in alphabetical order with explanations and cross-references for common and not-so-common terms and phrases. Also included is the FAA's list of abbreviations and contractions...vital for data decoding. Cost US\$14.90

FAA/ICAO Location Identifiers: In the aero world, locations and nav beacons are coded with a three or four letter identifier...who are they? Right here! An FAA section references U.S. civilian and military facilities. the International Civil Aero Organization (ICAO) section contains codes for major airports and control agencies worldwide. Extracted from FAA document 7350.6 and ICAO 7910. Cost US\$14.90

FAA Named Waypoint's Directory: This FAA directory is a complete catalog of all US domestic named waypoint's. Arranged alphabetically and lists locations in easy Latitude and Longitude format. Extract of FAA document 7350.6.p. Cost US\$9.90.

Although I have not yet seen these new books, Aerial Development has a good reputation for having the "real thing", and prompt service. To find out more, write or call: Aerial Development

of New England, PO Box 661, Bangor, ME., 04402-0661 (phone 207-945-3961).

Just the "FAX" ma'am...

For the last month I have been receiving wirephotos from KCNA Pyongyang on their RTT. The 11476 is "picture perfect" (hi!) here in NE Ohio. I have since found out these are part of KCNA's new schedule. Photos are transmitted 2330-0000 and 0030-0100 UTC.

Also AOK, the U.S. Navy at Rota, Spain, has been sending 120/576 charts on 5864.0 Khz., with severe interference from a RTT station. They apparently moved here to escape a broadcast station that was near their former frequency. Its been good after 2200 UTC until the RTT

Jason Berri forwarded a posting from Fidonet made by Reid Kelly and Marius Rensen. According to this post, on Sept.1, 1993, the two Bracknell radio-facsimile broadcasts known as GFA and GFE, were merged into one broadcast. It is expected that for awhile the broadcast would be made over existing frequencies for both, but that some time in the future a new group of frequencies will be chosen for the merged broadcast to be known as GFA.

The new program will include all the aviation charts from GFE and the charts for shipping from GFA. The upper-air analyses and forecasts from GFA will no longer be transmitted.

MILITARY

U.S. NAVY

In my list of commissioned Cyclone-class coastal patrol ships last month I missed the USS Monsoon (PC 4) and USS Typhoon (PC 5). You can add these to your lists also.

MARITIME

Art Blair sent an interesting magazine to me that may interest all you maritime listeners. Its called Pacific Maritime and is geared towards vessel and terminal operators along the west coast. Several interesting articles that I found. Subscription rates are US\$25.00 per year for those not affiliated with the maritime industry. Their address is R.H. Philips Co., 1818 Westlake Ave. North, Suite 430, Seattle, Washington, 98109-2707.

Art also sent a note that according to the October 1993 Pacific Maritime magazine, a number of Exxon vessels are being renamed. Exxon shipping has been reorganized as SeaRiver Maritime Inc., so the name "Exxon" is being replaced by the abbreviation "S/R" for SeaRiver, on all Exxon tankers and tugs.

More cruising...

Hellenic Cruises former Constellation is now the Regency Cruises Regent Spirit. Originally named Morning Star, the ship should have entered service by now after completing renovations. Regency will also add the Regent Jewel, which is the former Sun Fiesta, formally the Pacific Star. Both ships will work the European market. The Regent Sky is still scheduled to debut around June 1994. Meanwhile, we still have a Pacific Star, in Starlite Cruises, she is the former Tropic Star. Starlite's Tropic Star II remains out of service.

Last month I passed on info about the new Costa division American Family Cruises. The American Adventure is to depart Miami on December 18. The Sea-Quest cruise ship Frontier Spirit is to be renamed Bremen and will be used in a German market.

Epilogue

Just as I was getting ready to send this issue to press, Mike Fanderys sent a printout of frequencies/sked's for satellite RS 10/11 (Radio Sputnik). These were passed to Mike by a ham friend Dennis Minnick, KA8TQR. Dennis uses this satellite for relay from VHF. Dennis will QSL any report to him if he's on working CW. There is a CW beacon at 29.357 Khz. If anyone wants copies of the sked, which is good to January, 1994, drop me a line and I'll mail it out post haste. And as its the Christmas season, don't worry about a SASE.

This months tip of the hat goes to all who sent in information to be shared with the Speedx family this year. I look forward to the next year and the exciting changes that take place in the utility world. I would like to wish all and theirs a happy holiday season. See you all next year!

SPEEDX members had this information over two months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

Trash & Treasure: Information on on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson.

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Bob Colyard

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utililty DX loggings, frequency lists and schedules, edited by Mike Wolfson

UTILITY NOT
edited by Rick Baker

SPEEDX AWARDS: A wide variety of awards are available for members

DX'ing accomplishments, Harold Woering, Awards
Chairman

....and more!

If you would like to learn more about the SPEEDX radio club,
(the Society to Preserve the Engrossing Enjoyment of DX'ing), a
non-profit volunteer hobby organization founded in 1971, please
write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196,
DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the
Electronic Edition!

--

Rick Baker (ae...@yfn.yzu.edu)

Recorded live and direct from downtown Austintown, Ohio

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 3, No. 5 April, 1994 =====
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Edited by Richard Baker

Note: This Electronic Edition is from the January, 1994 SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091. SPEEDX utility coverage consists of two columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike at:

Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

UTILITY NOTES: Edited by Richard "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself at:

Richard Baker
1352 Cavalcade Dr.
Austintown, Ohio, 44515-3844

Internet: ae...@yfn.yzu.edu

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UTILITIES

Utility Logging's, Schedules, and Frequencies
Edited by Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

AERO

- 3037 3 MIKE SIERRA: 0345 11/15 USB (clg u/id A/C re/rdo chk, no joy, USN radar training freq) (Braun, Va)
3413 SHANNON RADIO: VOLMET Ireland 0437 USB (wx, ID co-channel w/Honolulu) (Orr, Va)
3446 RAINBOW RADIO: LDOC Canada 0053 (wkg V-RBJD w/pp, QSY from 5604) (Orr, Va)
3491 NO ID: 0716 USB (SPM clg DELTA EL TIGRE DD08) (Orr, Va)
4405 NO ID: 0515 USB (pp w/woman ment various cities in Mexico) (Orr, Va)
4711 KFT: No ID US 0524 USB (wkg 7AP, a/c PIREP, CECIL FIELD NAS ?) (Orr, Va)
4722 RAF VOLMET: UK 0644 USB (wx) (Orr, Va)
5505 EIP: Shannon VOLMET Ireland 0820 USB (wx, ID) (Orr, Va)
5520 NEW YORK RADIO: US 0026 USB (wkg DOMINICAN 273, UA 1605, ARUBA 721, DHL 508) (Orr, Va); NEW YORK RADIO: NY US 0617 USB (wkg

UA990, UA983) (Orr, Va)
5526 MANAUS AERADIO: Brazil 0643 USB (wkg VG820 in PT) (Orr, Va);
PORTO VELHO AERADIO: Brazil 0638 USB (wkg VIASA940) (Orr, Va);
MAQUETIA AERADIO: Venezuela 0639 USB (wkg AA904, UA976-no joy)
(Orr, Va)
5529 IBERIA LDOC: Dominican Republic 0620 USB (wkg u/id IBERIA a/c)
(Orr, Va)
5532 CSA: LDOC Czech Republic 0630 USB (woman & man w/ Alpha, Alpha)
(Orr, Va)
5535 BRITISH AIRWAYS: LDOC UK 0710 USB (wx for LHR, man wkg
SPEEDBIRD) (Orr, Va)
5541 AIR FRANCE: LDOC France 0634 USB (man w/wx for Biaritz,
Bordeaux) (Orr, Va.); NO ID: 0639 USB (man w/Budapest-Ferihegy
wx for DL144, MALEV LDOC ?) (Orr, Va); STOCKHOLM AERADIO: Sweden
0547 USB (wkg DL25, DL34, DL76, other flts) (Orr, Va)
5547 SAN FRANCISCO RADIO: Ca US 0318 USB (wkg UA 107, contact
Honolulu at DEROK intersection) (Orr, Va); HONOLULU AERADIO: Hi
US 0325 USB (wkg UA 923, 11282 secondary freq) (Orr, Va);
HONOLULU AERADIO: Hi US 0730 USB (wkg QF12, QF26, UA941) (Orr,
Va)
5550 NEW YORK RADIO: LDOC US 0652 USB (wkg VARIG 818 to Miami) (Orr,
Va)
5574 SAN FRANCISCO RADIO: Ca US 0752 USB (wkg DL54, DL166) (Orr, Va);
SAN FRANCISCO RADIO: Ca US 0614 USB (wkg REACH 728) (Orr, Va)
5598 NEW YORK RADIO: US 0046 USB (wkg SELCAL EHAJ) (Orr, Va); SANTA
MARIA RADIO: Azores 0545 USB (wkg SKJ101) (Orr, Va); NEW YORK
AERADIO: NY US 0544 USB (wkg various flts) (Orr, Va); NEW YORK
AERADIO: NY US 0605 USB (wkg AM452, SU345) (Orr, Va); GANDER
AERADIO: Canada 0823 USB (wkg ASCOT 5327) (Orr, Va)
5616 GANDER AERADIO: Canada 0612 USB (wkg NW50) (Orr, Va)
5628 HONOLULU AERADIO: Hi US 0543 USB (wkg UA845) (Orr, Va)
5643 NO ID: 0550 USB (2 men in FF/S. Pacific language clg Pascua,
PASCUA or TAHITI AERADIO per DOD Information Handbook- PLEASE
HELP) (Orr, Va)
5649 GANDER AERADIO: Canada 0730 USB (wkg SPEEDBIRD 294, KLM644)
(Orr, Va); GANDER AERADIO: Canada 0536 USB (wkg SPEEDBIRD 276)
(Orr, Va)
5710 AFE7: MacDill AFB USAF US 0650 USB (wkg 2278, "NIGHTFALL-
MACDILL") (Orr, Va)
6544 NO ID: 0636 USB (clg 0811 to 1115, w/rpt) (Orr, Va)
6598 NO ID: 0022 11/19 USB (m w/SS accent re flt plan-new LDOC ??)
(Braun, Va)
6617 ST PETERSBURG VOLMET: Russia 0906 USB (RR wx, ID) (Orr, Va)
6628 SANTA MARIA RADIO: Azores 0630 USB (wkg several flts) (Orr, Va);
NEW YORK RADIO: NY US 0718 USB (wkg REACH 0D52, SPEEDBIRD 248)
(Orr, Va)
6637 PARIS LDOC: France 0652 USB (wkg u/id flt) (Orr, Va)
6643 BERNE AERADIO: Switzerland 0727 USB (wkg RQ095, wx) (Orr, Va)
6647 MAFFBASE LONDON: UK 0859 USB (fishing/sea conditions, ID) (Orr,
Va)
6655 HONOLULU AERADIO: Hi US 1200 USB (wkg UA808) (Orr, Va)
6676 VLS: Sydney VOLMET Australia 1202 USB (wx, ID) (Orr, Va);
BANGKOK VOLMET: Thailand 1210 USB (wx, ID) (Orr, Va)
6679 SAN FRANCISCO RADIO: Ca US 0138 11/9 USB fair (wkg NORTHWEST
923, AMERICAN 161) (Thompson, Ca); ZKAK: New Zealand VOLMET 0852
USB (wx, ID) (Orr, Va)
6685 NO ID: 2210 12/3 USB 232 (scrambled tfc, mid-eastern lang ??)

(Bottonelli, Italy)
6708 GUANTANAMO AERADIO: Cuba 0335 USB (2 men in SS) (Orr, Va)
6714 RESCUE OPS: Eglin AFB (tent) FI US 2051 11/19 USB (wkg KING
79-HC130 ANG ??) (Lukas, NY)
6738 AF-1: 0039 USB (wkg McClellan AFB w/ltr grps, ID) (Orr, Va);
MQP: RAF Upavon UK 0830 USB (mil wx, ID) (Orr, Va); XPH: USAF
Thule AFB Greenland 0914 USB (wkg ASCOT 5327 w/wx req, QSY 5710)
(Orr, Va)
6753 VXA: CANFORCE Edmonton Canada 0121 (wx, ID) (Orr, Va)
8847 BASRAH AERADIO: Iraq 0501 USB (man wkg others w/numbers in AA,
ID) (Orr, Va)
8855 PARAMARIBO AERADIO: Surinam 0343 USB (wkg u/id Brazilian Radio,
UA 911) (Orr, Va); BELEM AERADIO: Brazil 0318 USB (wkg SPRINGBOK
203, SPRINGBOK 203 returns call, no joy) (Orr, Va)
8861 DAKAR AERADIO: Senegal 0325 USB (wkg u/id a/c, QSY RECIFE 3452,
ALITALIA 1574) (Orr, Va)
8903 AEROFLOT 435: 0340 11/21 USB (clg N'djamena Radio, no joy)
(Braun, Va); SPEEDBIRD 59: 0340 11/21 USB (wkg Luanda Radio
w/position rpt) (Braun, Va)
11176 COMIC 57: C130-H 1848 11/21 USB (wkg MacDill GHFS w/pp to
BATTLESTAR-910th AG Youngstown, Oh MAP/ARS) (Baker, Oh)
11233 CHR: Trenton Military Radio Ontario Canada 2137 11/10 USB (wkg
CANFORCE 530 from Key West FI) (Lukas, NY)
11330 NEW YORK RADIO: NY US 2150 11/20 USB (wkg AMERICAN 1456)
(Bellovich, FI)
13270 NEW YORK VOLMET: NY US 2201 11/20 (aero wx) (Bellovich, FI)

CW

434 WLO: Mobile Radio AI US 0605 11/25 (tfc lst) (Navary, Va)
2645 TBO: Izmir Naval Radio Turkey 0420 11/26 (marker) (Hardester,
NC)
2750 IDQ: Rome Naval Radio Italy 0350 11/25 (marker, QRM on 2727)
(Hardester, NC)
6223 4XZ: Haifa Radio Israel 0453 11/25 (marker) (Hardester, NC)
6288 IGJ43: Augusta Naval radio Italy 0015 11/24 (marker) (Hardester,
NC)
6330 LZW: Varna Marine Radio Bulgaria 0445 11/29 (marker) (Hardester,
NC)
6369 D3E41: Luanda Radio Angola 0405 11/15 (stn info) (Ward, Ca)
6376 WCC: Chatham Radio Ma US 01332 11/9 poor (marker, QRN)
(Thompson, Ca); WCC: Chatham Radio 1540 11/11 (marker)
(Hardester, NC)
6389 WSC: Tuckerton Radio 1525 11/11 (CQ/QSX AMVERS, pls help with
QSL data) (Hardester, NC); WNU42: Slidell Radio La US 0458 11/15
(marker) (Ward, Ca)
6410.6 KLB: Seattle Radio Wa US 0501 11/15 (marker) (Ward, Ca)
6415.9 WLO: Mobile Radio AI US 0502 11/15 (Ward, Ca)
6428.5 VIX: Sydney NSW Australia 0836 11/7 (marker) (Ward, Ca)
6463 HKB: Barranquilla Radio Columbia 0531 11/15 (marker) (Ward, Ca)
6485 JCU: Choshi Radio Japan 0844 11/7 (marker) (Ward, Ca)
6491.5 VCS: Canadian CG Halifax 1912 11/28 444 (info, ID) (Wolfson, Oh)
6757 MKL: RAF Edinburgh UK 2305 12/4 544 (clg 6ZN, wx data)
(Bottonelli, Italy)
6905 NO ID: 0025 11/24 (tones, IDs, Canadian ??) (Hardester, NC)
8437 4XZ: Israeli Navy Haifa Israel 2252 12/4 555 (crypto tfc for
HE3A others, 5 ltr grps) (Bottonelli, Italy)

8440.6 UAT: Moscow Radio Russia 0508 11/9 (marker) (Ward, Ca)
8448 A9M: Hamala Radio Bahrain 2045 12/5 322 (marker, QRM)
(Bottonelli, Italy)
8450 VLS: Sydney Radio Australia 0107 11/14 poor (marker) (Thompson,
Ca)
8453.05 HWN: French Navy Paris Houilles France 1916 11/28 343 (ID)
(Wolfson, Oh)
8460 PPJ: Juncao Radio Brazil 0552 11/16 (marker) (Ward, Ca)
8461 CBA: Antofagasta Radionaval Chile 0447 11/14 (marker) (Ward, Ca)
8520 PPO: Olinda Radio Brazil 0614 11/16 (marker) (Ward, Ca)
8522 FFL2: St Lys Radio France 2050 12/5 545 (wx, tfc lst)
(Bottonelli, Italy)
8546 GKA: Portishead Radio UK 2145 12/5 545 (wx) (Bottonelli, Italy)
8566 ZSJ: COMCEN Cape Silvermine South Africa 0620 11/16 (Ward, Ca)
8596 FUV: French Navy Djibouti 2245 12/4 433 (marker) (Bottonelli,
Italy)
8604.2 ZRH: Cape Fisantekrall Naval South Africa 0512 11/10 (marker)
(Ward, Ca)
8614 URL: Sevastopol Radio Ukraine 2158 12/5 455 (marker)
(Bottonelli, Italy)
8682 EAD: Madrid Radio Spain 2201 12/5 455 (tfc lst, ID) (Bottonelli,
Italy)
8698 7TF6: Boufarik Radio Algeria 2140 12/3 (ID) (Bottonelli, Italy)
8700.4 HKB: Barranquilla Radio Columbia 0553 11/10 (marker) (Ward, Ca)
12660 WLO: Mobile Radio Al US 0625 11/27 (marker) (Ward, Ca)
12673.5 JOU: Nagasaki Radio Japan 0628 11/27 (marker) (Ward, Ca)
12704.5 WLO: Mobile Radio Al US 0634 11/27 (marker) (Ward, Ca)
12876 VAI: Canadian CG Vancouver BC 1839 11/28 444 (wx) (Wolfson, Oh)
12917.5 KLB: Seattle Radio Wa US 2230 11/4 (marker) (Lukas, NY)
13042 FUV: Djibouti Naval Radio 2250 11/21 fair (marker) (Hardester,
NC)
13057.5 LSA: Boca Radio Argentina 2257 11/21 (marker) (Hardester, NC)
16951.5 6WW: Dakar Naval Senegal 1524 11/6 (marker) (Lukas, NY)
17027.6 FFL8: St Lys Radio France 1806 11/4 (marker) (Lukas, NY)
17053 JNA: Tokyo Naval Radio 2330 11/15 (marker) (Lukas, NY)
17088.8 KPH: San Francisco Radio Ca US 1832 11/11 (marker) (Lukas, NY)
17113.1 JCS: Choshi Radio Japan 2323 11/15 (marker) (Lukas, NY)
17175.2 VAI: Canadian CG Vancouver BC 1926 11/28 434 (ID, info)
(Wolfson, Oh)
17230.8 CWA: Cerrito Punta Carretos Radio Uruguay 2048 11/11 (marker)
(Lukas, NY)
17232.9 HPP: INTERMAR Radio Panama 2114 11/11 (marker) (Lukas, NY)
22330.5 D3E: Estacao Costeira de Luanda 1540 11/12 (marker, thanks for
tip from Jim Navary !!) (Hardester, NC)
22482 HLG: Seoul Radio South Korea 2319 11/7 (marker) (Ward, Ca)
22578.5 9VG: Singapore Radio 0007 11/15 (marker) (Ward, Ca)

MARINE

2118 YJWY5: M/V Eagle 0116 11/20 USB (2118/2512, wkg Yarmouth CG
Radio w/re to enter Canadian Maritime Zone) (Baker, Oh)
2134 CGBS: Canadian Survey Ship (CSS) Parizeau 0604 11/14 (wkg u/id
ves, QSY 2237, 2738) (Baker, Oh)
2182 HALIFAX CG: Canada 0423 11/10 USB (wkg M/V Atlantic Horizon
re/QSY to 2118/2514, ship tfc) (Braun, Va); DJKL: Sirius Delmas
0308 11/2 USB (wkg USCG a/c 1500 re SAR ops) (Navary, Va)
2206 CG2683: CSS Alfred Needler 0547 11/21 USB (2206/2582, wkg

Yarmouth CG Radio w/wx) (Baker, Oh)

2237 VCWZ: Ves Irving Canada 0505 11/17 USB (wkg Ves Irving Ocean (VCTG), weak comms, QSY 2378) (Baker, Oh)

2598 VOJ: Stephanville CG Radio Canada 0207 11/27 Grand Banks wx, EE/FF, ID) (Hardester, NC); VCM: St Anthony CG Radio Canada 0108 11/2 USB (forecast, iceberg warnings) (Navary, Va)

2670 NMA21: USCG COMMSTA St Petersburg Fl US 0330 11/27 (NOTAMs, OMEGA rpt, QRM) (Hardester, NC); NMY42: USCG Moriches NY Grp US 2332 11/8 USB (wkg F/V Snoopy 2 re man overboard-ship has lights, launching flares, wkg USCGC Forward (WMEC-911) re situation, Forward adv has boarding party on ship, NMY42 request helo launch ASAP, ltr Forward enroute to Snoopy 2, NMY42 adv Forward that RESCUE 6526 enroute to Snoopy 2, NMY42 wkg other ships re SAR) (Baker, Oh); NMF44: USCG Southwest Harbor Grp Me US 0520 11/11 (re MAYDAY from F/V Enterprise, request mariners to keep sharp lookout) (Baker, Oh); USCG MIAMI FL GRP: US 0352 11/9 USB (wx) (Navary, Va)

2749 VCN: Cap-aux-Meules CG Radio Canada 0636 11/7 USB (FF/EE wx) (Navary, Va); VCN: CCG Cap-aux-Meules Canada 0634 11/3 USB (FF wx, EE wx) (Baker, Oh)

2785 CGDM: Patrol Ves Chebucto 0540 11/11 USB (wkg CGDW re observations of fishing ops) (Navary, Va)

2824 NO ID: 0355 11/26 USB (Dutch wx ??) (Hardester, NC)

4071 C6TV: M/S Statedam 0004 11/22 USB (wkg WOM w/R/T tfc) (Navary, Va)

4088.5 FOXTROT MIKE: 0402 11/15 USB (wkg E (British) who had Miami Super (Panama c/s 3EJB) on track 0610 w/position info, Bocachita w/containers, P w/report on M/V Coral 1 from Pensacola to Haiti w/food, request to board in morning, others heard G/O/J/H/3SM/P6J/TALON 12, FM w/request for sea states, FM w/boarding info) (Braun, Va)

4098 HPEN: SS Britanis 0150 11/9 USB (wkg WOM) (Navary, Va)

4113 C6LG6: Windward 0240 11/26 USB (wkg WOM w/R/T tfc) (Navary, Va)

4131 REGAL EMPRESS: 0310 11/22 USB (wkg WOM w/R/T tfc) (Navary, Va)

4160 R: 0320 11/2 USB (wkg FT w/track info on track MZ, K wkg F re vessel Perferios, new NATO ch for Operation Support Democracy) (Braun, Va)

4423 WOM: Pascagoula Pilot US 0524 USB (m w/EE-GR ETAs, ID) (Orr, Va)

4426 USCG NEW ORLEANS: 0320 11/25 USB (4134/4426, wkg M/V Ragtime w/ navigation info through reef, decided to call for Bahia de Mariel pilot) (Braun, Va)

5696 RESCUE 1501: HC130 0453 11/2 USB (wkg COMMSTA Portsmouth w/pp ref SAR for S/V Cigna, adv USS George Washington (CVN-73) enroute w/10 hr ETA-will launch helo at 1st light, also adv S/V Sunshine in distress-sails down, prop fouled-Pretty impressive response) (Baker, Oh)

6224 SOUTHBOUND II: Bermuda 2254 11/7 (wx info) (Bellovich, Fl)

6224 SOUTHBOUND II: Caribbean 2229 10/30 USB 353 (wkg various ves w/conditions & forecasts) (D'Angelo, Pa)

6501 NMN: USCG COMMSTA Portsmouth Va US 0541 USB (wx by computer voice) (Orr, Va)

6510 WCM: Cincinnati Oh US 1940 11/20 USB (wkg various river ves) (Navary, Va)

6513 FFL31: St Lys Radio France 0904 USB (ship tfc, wx) (Orr, Va)

6519 WLO: Mobile Radio AI US 0607 USB (wx) (Orr, Va)

7535 NORFOLK SESEF: 1910 11/2 USB (wkg USS STALWART (T-AGOS-1- Ocean Surveillance Ship), testing all modes) (Braun, Va)

7741 NJOR: USCGC Gallatin 2240 11/4 USB (wkg THUNDER 97, FRUIT JUICE 716, Haitian Ops freq) (Navary, Va)
8198 ELGH5: Crown Princess 0140 11/26 USB (wkg WOM w/R/T tfc) (Navary, Va)
8222 NO ID: US Navy 2335 (clg WB, ment Victoria Island, Puerto Rico) (Orr, Va)
8225 VRUI4: No ID 0215 11/9 USB (wkg WOO w/R/T tfc) (Navary, Va)
8234 SS SEABREEZE I: 2113 11/8 USB (wkg WOM w/R/T tfc) (Navary, Va)
8240 WST9756: R/V Seaward Johnson 1755 11/5 USB (wkg NMN w/wx rpt) (Navary, Va)
8267 ELBM9: Tropicale 0200 11/26 USB (wkg WOM w/R/T tfc) (Navary, Va)
8294 WHU959: North Atlantic Enterprises Me US (clg M/V Carolinian II, no joy) (Braun, Va); WGN: Puerto Rico 0140 11/21 USB (wkg various tugs) (Navary, Va)
8719 USCGC BEAR: 2350 11/3 USB (pp thru New Orleans to US Embassy Jamaica re/port call and COMMSTA Kodiak Ak re/new radioman) (Braun, Va)
8728 EHY: Madrid Radio Spain 2308 USB (ID, PT/SS talk) (Orr, Va); MADRID RADIO: Spain 0150 11/1 USB 353/454 (wkg a/c w/IDs) (D'Angelo, Pa)
8764 USCGC FORWARD: 1718 11/28 USB (wkg DISTRICT 1 OPS re capsized tug/grounded barge w/100,000 gal fuel oil) (Navary, Va)
8806 WLO: Mobile Radio AI US 2305 USB (wx, ID ship tfc) (Orr, Va)
12242 NRKN: USCGC Bear 1545 11/12 USB (wkg COMMSTA Portsmouth) (Navary, Va)
12245 NUKJ: USS Sterett 1710 11/14 USB (wkg WOM w/R/T tfc) (Navary, Va)
12254 C6CM7: SS Norway 1613 11/25 USB (wkg WOM w/R/T tfc) (Navary, Va)
16528 WWYY: M/T Seabulk America 1420 11/25 USB (wkg KHP w/R/T tfc) (Navary, Va)

PHONE

5320 USCG CAPE MAY: NJ US 1330 11/25 USB (wkg USCGC POINT BATAN (WPB-82340) for position rpt/status) (Braun, Va)
6020 WUJ/B WUJ3 WUJ4: No ID 1733 11/9 USB (commenting channel 3, channel 13 R5/S8-who are they ???) (Flynn, Or)
[U.S. Army Corps of Engineers -RD]
6270 ULX: NO ID 0501 11/25 AM/USB (w/woman anncr, MOSSAD ??) (Hardester, NC); NO ID: 0435 11/25 fair/good (woman computer voice w/phonetic alphabet, jamming, w/w signoff, RTTY) (Hardester, NC)
6841 NO ID: 2010 12/5 AM 434 (w w/5 ltr grps) (Bottonelli, Italy)
6905.3 NO ID: 0030 11/24 LSB poor (FF m & w anncr) (Hardester, NC)
6912 OEM5: 0325 11/7 USB fair (ID tape loop) (Hardester, NC)
6968.5 NIGHT STALKER: 0415 12/4 USB good (wkg BEETLE JUICE w/red/green comms) (Hardester, NC)
7445 KOP2: 0412 11/7 USB poor (wkg W, irregular xmsn) (Hardester, NC)
7547.5 COMCEN: 1920 11/2 USB (2 units w/msg not to transmit, working on power, send CW when fixed-strange !!) (Braun, Va)
7684 NNN0CVP: USS Conolly (DD-979) 0044 11/24 (wkg u/id shore stn w/pp tfc-1st for this freq) (Baker, Oh)
10000 WWVH: Time Station Hi US 0316 11/2 34433 (w w/time) (Newbury, Ne) (welcome to the column Ed-MW)
11605 NO ID: 0329 11/19 USB 453 (female SS numbers, VERY clear) (Hardester, NC)
14295.1 WA3NAN: Goddard Space Flight Center Md US 1548 12/3 USB (b/c re

10th shuttle anniversary) (Belovich, Fl)
14467. NNN0NUW: Whidbey Island NAS 0045 11/14 USB fair (wkg USS Long Beach CGN-9 (NNN0CLB) w/ pp, bad QRM) (Thompson, Ca)
14470 NNN0UTO: Republic Oregon US 2340 11/10 USB fair (wkg USCGC Gallatin WHEC-721 w/pp) (Thompson, Ca)
14477 NNN0CVM: USCGC Thetis WMEC-910 2358 11/29 USB poor (enroute to Haiti wkg NNN0UTO w/pp) (Thompson, Ca)
14838.5 NNN0CVV: USS Yellowstone AD-41 2347 11/14 USB fair (wkg NNN0UBP w/pp) (Thompson, Ca)
16298.5 NNN0CNX: USS Virginia CGN-38 2336 11/21 USB fair (wkg NNN0NVW w/pp) (Thompson, Ca)

RTTY/FAX

2643.5 SPS: Witowo Radio Poland 0405 11/26 SITOR (CW ID, idling, 2639 listed) (Hardester, NC)
2832.7 GNK1: Wick Marine Radio Scotland 0440 11/26 SITOR (CW ID, idling) (Hardester, NC)
4175 M/V NIKKO SKY: 0350 11/26 SITOR A (wkg WLO w/tlx tlc) (Navary, Va)
4179.5 PGB0: M/V Music 0343 11/26 SITOR A (AMVER rpt) (Navary, Va)
6266 NMN: USCG COMMSTA Portsmouth Va US 2320 11/5 SITOR A (CW ID-odd) (Baker, Oh)
6272.5 PGB0: Ves Music 0755 11/15 SITOR A (AMVER) (Baker, Oh)
6317 WLO: Mobile Radio AI US 0350 11/15 SITOR (CW ID) (Ward, Ca)
6317.5 NOJ: Kodiak Radio Ak US 0350 11/15 SITOR (CW ID) (Ward, Ca)
6324 WCC: Chatham Radio Ma US 0335 11/15 SITOR (CW ID) (Ward, Ca)
6325.5 WLO: Mobile Radio AI US 0356 11/15 SITOR (CW ID) (Ward, Ca)
6336 MTO: Royal Navy Rosyth UK 2157 12/3 75 baud 343 (numbers/ltr loop) (Bottonelli, Italy)
6496 CFH: Meteo Halifax NS Canada 0100 11/26 850/75 454 (wx) (Card, RI)
6905 FSB: INTERPOL St Martin Abbat 0025 11/24 SITOR (marker, CW ID, QRM) (Hardester, NC)
7324.5 AFF1K: USAF MARS MSYS Pennyan NY US 2017 11/24 PACKET (Region 1 Packet Network w/beacon) (Baker, Oh)
7332.5 AFA2VA: USAF MARS Displitanta Va US 2020 11/24 PACKET (w/300 baud Packet beacon) (Baker, Oh)
7959 IRNA: Iran 2150 12/3 50 baud 544 (nx) (Bottonelli, Italy)
8027 NO ID: 2050 11/15 SITOR A (poss Egyptian Embassy w/5 ltr grps) (Baker, Oh)
8146.5 IBM55: Rome Meteo Italy 0044 11/16 FAX (wx chart) (Baker, Oh)
8165 5YD7: Meteo Nairobi Kenya 0045 11/22 425/50 354 (ID, RYs) (Card, RI)
8379 9HNNH3: M/V Cvijeta Zuzoric 2021 11/21 SITOR A (wkg VCS w/tlx) (Navary, Va)
8382 CRXS: M/T Erati 2331 11/9 SITOR A (SS tlc) (Baker, Oh)
8384 SWUY: M/V Capt Diamantis 0019 11/1 SITOR A (tlx via Athens Radio) (Baker, Oh)
8388 WTEW: NOAA Whiting 1935 11/21 SITOR A (wkg NMN for wx) (Navary, Va)
8419.5 NOJ: Kodiak Radio Ak US 0445 11/9 SITOR (CW ID) (Ward, Ca)
8423 UFL: Vladivostok Radio Russia 0536 11/16 SITOR (CW ID, blasts) (Ward, Ca)
8427.5 PPQ: Sepetiba Radio Brazil 0541 11/16 SITOR (CW ID) (Ward, Ca)
8429.5 NMO: USCG COMMSTA Honolulu Hi US 0543 11/16 SITOR (CW ID) (Ward, Ca)

8434.5 LPD: Gen Pacheco Radio Argentina 0505 11/9 SITOR (CW ID) (Ward, Ca)

10280.8 RFLI: French Forces Fort de France Martinique 0412 11/24 ARQ E3 403/96 (w/contole de voie) (Baker, Oh)

12478.5 GBTT: Queen Elizabeth 2 2114 11/1 SITOR A (tlx) (Baker, Oh)

12480.5 LAQP4: M/V Frines 1707 11/15 SITOR A (tlx) (Baker, Oh)

12499 OUVZ2: Ves Mercandian Queen 1322 11/11 SITOR A (tlx) (Baker, Oh)

12501.5 C6KN2: M/V Winter Water 0318 11/26 SITOR A (tlx, wx obs) (Navary, Va)

12502 DANZ: M/V Nevis 1656 11/21 SITOR A (msg tfc to Miami) (Navary, Va)

12507 WVHS: SS Thompson Lykes 1710 11/21 SITOR A (wkg WLO, QSY 12479) (Navary, Va)

12594 PPR: Rio de Janeiro Radio Brazil 0125 11/15 SITOR A (wkg u/id ves, wkg BHQT, other ves) (Baker, Oh)

12605.5 FFT: St Lys Radio France 0718 11/14 SITOR (CW ID) (Ward, Ca)

12615 NO ID: 0550 11/27 SITOR (marker, bursts USU ??) (Ward, Ca)

13597 JMH4: Tokyo Meteo Japan 0019 11/16 FAX fair (double wx charts) (Baker, Oh)

14736.5 NO ID: 2125 11/11 170/75 (5 ltr grps) (Baker, Oh)

14737.3 NO ID: 2122 11/22 170/75 (5 ltr grps) (Baker, Oh)

16135 KVM70: Honolulu Meteo Hi US 1825 11/24 FAX (wx chart) (Baker, Oh)

16688 IBXH: Ves Baltico 1709 11/15 SITOR A (enroute to Gibraltar, noon rpt to ship's agent) (baker, Oh)

16699.5 LXRC: M/V Crystal Pride 1622 11/20 SITOR A (tlx) (Navary, Va)

16705 PPUT: M/V Frotargentina 1921 11/21 SITOR A (tlx) (Navary, Va)

16712.5 LAIJ2: Ves Dyvi Baltic 1711 11/15 SITOR A (tlx to home office re complaint of lazy worker) (Baker, Oh)

16715 9VLV: M/V Front Viewer 1604 11/21 SITOR A (tlx) (Navary, Va)

16814.5 UPB: Providenia Bukhta Radio Russia 2027 11/25 SITOR (CW ID) (Ward, Ca)

16827 GKY6: Portishead Radio UK 1710 11/26 SITOR (CW ID, bursts) (Ward, Ca)

16838.5 9AR: Rijeka Radio Croatia 1716 11/26 SITOR (CW ID) (Ward, Ca)

16880 XSQ: Guangzhou Radio China 0317 11/7 SITOR (CW ID) (Ward, Ca)

19680.5 KMI: AT&T Coast Stn Point Reyes Ca US 2100 11/22 (tfc list) (Baker, Oh)

22376 NMC: USCG COMMSTA San Francisco Ca US 2246 11/7 SITOR (CW ID) (Ward, Ca)

22377 KFS: San Francisco Radio Ca US 1856 11/25 SITOR (CW ID) (Ward, Ca)

22380 PCH: Scheveningen Radio Netherlands 1645 11/14 SITOR (CW ID) (Ward, Ca)

22388 XSG: Shanghai Radio China 2322 11/14 SITOR (CW ID) (Ward, Ca)

22391.5 NO ID: 2325 11/14 SITOR (frequently heard, no ID given) (Ward, Ca)

22425 WOM: Pennsuco Radio FI US 1708 11/14 RTTY (CW ID) (Ward, Ca)

Tim Braun suggests spending some time listening to Haiti operations on 4088.5. He says that camping on the frequency could prove entertaining.

I recently picked up a copy of the 8th Edition of GROVES'S SHORTWAVE DIRECTORY. This edition has been edited by Larry Van Horn who also does the UTILITY WORLD column for Monitoring Times. I've been using it to update the databases I keep for computer control of my main receiver. I haven't had the book long enough to be able to comment on its

accuracy. However, based on past experience with previous editions, it will become a much referred to item. I specifically like the inclusion of the digital modes and the identification of the mode/speed/shift of a particular frequency. It makes it easier to set up the receiver and copy the traffic. I also like the fact that Larry did not concentrate exclusively on US agencies. When events are hopping overseas, being able to listen in to other major players can be informative. One thing I do miss is the absence of the cross index in the back to provide guidance when a signal is picked up and the identity of the transmitting agency is unclear. The book is about the same length as the 7th edition and is punched for a looseleaf notebook. It sells for just under \$30 with a binder and about \$25 without the binder from Grove's. I picked up my copy from Universal in Columbus, so it is being sold by other places as well. Keeping in mind that I have no financial interest in the book or in any of Grove's businesses, I would recommend the book to ute listeners. I have found it to be a good reference source in the past and am impressed with the new edition.

From Rick Baker, I received the following sked:

9AR MARINE AUTOTELEX QRG/SKED

SELCALL OF RIJEKARADIO IS 3851

SHIP CHANNEL	SHIP TRANSMIT	WATCH RECEIVE	(QSX) WATCH
11	8381.5	8421.5	0800-1000,2200-0600
51	12502.0	12604.5	0600-0800,2000-2200
65	16715.5	16838.5	1000-2000

9AR DAILY NEWS FEC BROADCAST

CROATIA LINE AT 0745 UTC ON 12604.5
 AT 1545 UTC ON 16838.5 /EXCEPT WEEKENDS/
 TANKERSKA AT 1130 UTC ON 16838.5 /MON,WED,FRI/
 PLOVBA AT 1330 UTC ON 16838.5 /SAT/
 AT 1545 UTC ON 16838.5 /SAT/

9AR MARINE RADIO TELEPHONE SSB.QRJ QRG/WATCH

SHIP CHANNEL	SHIP TRANSMIT	1APR-31OCT RECEIVE	1NOV-31MAR FROM/TO	FROM/TO
408	4086.0	4378.0	2000-2400	1800-2400
810	8222.0	8746.0	0500-2400	0600-2400
1611	16390.0	17272.0	0500-2400	0600-2400
1652	16513.0	17395.0	0500-2000	0600-1800

NOTE: CH 2239, 1224, 1229, 835, 605 ON REQUEST.

9AR MARINE CW QRG/QSX

CHANNEL BAND	C3	C4	C7 WINTER	QSX SUMMER	QSX
4346.0	4184.0	4184.5	4185.0	2000-0200	2000-2200

8700.0	8368.0	8369.0	8368.5	H24	
12780.5	12552.0	12553.5	12552.5	0400-1000	0400-1000
				1400-2000	1600-2000
				2200-0200	
16942.5	16736.0	16738.0	16736.5	0500-2200	0500-2200
22563.5	22280.5	22281.0	22282.5	1000-1400	1000-1600

NOTE: 9AR TFC LIST EVERY EVEN HOUR +00 ON WATCH FREQ. AND 439.5 KC/S
 AFTER EVERY T/L OUTSIDE OF THESE PERIODS 9AR LISTENS 4 MC/S AND
 454 KC/S.

Finally, this is an editor's standard plea for feedback. I appreciate the notes I've gotten from those of you who are satisfied with the column. I'm also interested in comments on how to improve the column, other than making it longer. Five pages on a regular basis is plenty. That's it for now see you all in 30. Hope Santa was good to all of you.

UTILITY NOTES

News and Information from the World of Utilities
 Richard "RD" Baker, Editor
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 Austintown, Ohio 44515-3844

Internet: ae...@yfn.ysu.edu

Its the start of a brand new year, and we have a ton of information for you to start things off right. To start things off, I'll give you a review of the 1994 (Eighth) edition of Bob Grove's Shortwave Directory. This edition is edited by Larry Van Horn. A new feature is the entire book can be purchased with a three-ring binder. The pages are all three-hole punched. That makes it nice to work out of, as the pages don't flop over requiring one to use his radio as a weight to keep the pages down!

Its about 250-pages and now includes RTTY and FAX listings and their mode of reception. In the back is an extensive glossary that identifies abbreviations, acronyms, international "Q" and "Z" codes, voice procedural, morse code prosigns and more. It covers HF users A through Z, including; military, government, public safety, embassies, business, scientific, numbers stations, broadcast feeds, clandestine's, to name some. I checked out the U.S. military sections rather closely against what I listen to, and I can describe this edition as "much improved". Its a good source listing of many varied and different areas. That makes it an excellent book for the new "UTE", and one veterans will still find some interesting information in. One particular area of interest was the circuit indicators for the French Forces RTTY stations.

The cost is US\$29.95 including the binder, or US\$24.95 without, plus US\$5.00 UPS shipping from Grove Enterprises, 300 South Highway 64 West, Brasstown, N.C., 28902, U.S.A. (1-800-438-8155).

Chuck Yarbrough returns with his reviews of the new Klingenfuss books, this month we have Guide to Facsimile Stations.

Review: Guide to Facsimile Stations By Chuck Yarbrough

The newest (13th) edition of the Guide to Facsimile Stations has recently been published by the German company Klingenfuss Publications.

As in past editions, the book is quite complete in its coverage of shortwave facsimile transmissions.

The 392-page softbound book is a bit thinner than the previous edition, but a brief glance shows that Herr Klingenfuss has completely updated the frequency listings, as well as expanding his coverage of satellite facsimile reception. Increased facsimile on geosynchronous satellites seems to be the norm these days and it is good to see that the Klingenfuss works reflect this trend.

A glance at the table of contents reveals chapters on choosing facsimile equipment, tuning techniques, ITU Regulations, meteorological satellites, frequencies and call sign lists of fax stations as well as their broadcast schedules.

The bulk of the book is filled to the brim with actual facsimile intercepts. This is useful in identifying your own intercepts. Many times you may receive a weather chart which looks perfectly clear, but the identifying text on the chart is blurred. Klingenfuss' collection of sample charts provides "look alike" charts which you can use to identify your intercept.

If you buy this book thinking that you are going to get just a frequency list, you will be pleasantly surprised. The wealth of information Herr Klingenfuss provides is well worth the price. If you are seriously interested in learning about HF facsimile, then this is the best reference source you can buy. The author has crafted a worthy successor to his previous edition.

As if you can't tell, I wholeheartedly recommend Joerg Klingenfuss' new Guide To Facsimile Stations to all SPEEDX readers. With 278 fax frequencies, detailed schedules from 90 meteo stations, and over 300 sample fax charts, this book should be on the shelf of EVERY serious facsimile monitor. Actually, mine usually stays OFF the shelf and ON my radio desk!!

The Klingenfuss Guide To Facsimile Stations (13th Edition) is available for 50 German Marks directly from Klingenfuss Publications, Hagenloher Strasse 14, D-72070 Tubingen, Germany. It can also be purchased from Universal Radio, Reynoldsburg, Ohio for US\$24.95.

The straight "FAX"...

AOK, the U.S. Navy at Rota, Spain, are turning into real wanderers on five megs, they have left 5864.0 Khz., and are presently transmitting on 5906 Khz., where they apparently moved to escape severe interference from a RTTY station.

MILITARY

CanForces

As part of a navy modernization program, the Canadian government is building 12 frigates of the City-class, also known as the Canadian Patrol Frigate, or CPF. The lead ship of the class, HMCS Halifax (FFH-330), has already been commissioned. All of these helicopter frigates will be named after Canadian cities. Also all of the Tribal-class destroyers built in the 1970's, have undergone conversion programs to make them AAW ships. These are the HMCS Huron, Algonquin, Athabaskan, and Iroquois (DDH-280 to 283).

U.S. NAVY

The Navy has redesignated their carrier-based S-3B Viking squadrons as "Sea Control" squadrons. Formerly known as "Air Anti-Submarine" squadrons, the name change will reflect the changing role of the aircraft. Viking squadrons, which have been increased to eight aircraft,

are based at NAS Cecil Field (FL), NAS North Island (CA), and one squadron based at NAF Atsugi, Japan, is permanently assigned to the USS Independence (CV-62).

The Navy's repositioning ships program is growing, and will now include the Army. The first Army-dedicated ship, M/V Cape Douglas, has loaded Army equipment and ammo in Charleston, SC. Called the Interim Brigade Afloat Force (IBAF), eight Military Sealift Command (MSC) ships will carry U.S. Army equipment and supplies. The IBAF will operate in the Indian and Pacific Oceans within five days sailing of potential war or contingency sites. All ships are to arrive at their operating positions by April, 1994.

CJTF 120.1 continues in Operation Support Democracy, off the coast of Haiti. The Joint Task Force now includes the USS Flatley (FFG-21); USS Fahrion (FFG-22); USS Klakring (FFG-42); USS Mississippi (CGN-40); and USS Platte (AO-186).

The Leahy-class Guided Missile Cruiser USS Reeves (CG 24) has been decommissioned, and the Los Angeles-class Nuclear Attack Submarine USS Hartford (SSN 768) has been launched.

The USS Hayler (DD-997) "Second to None", the USS Boone (FFG-28), and the USS Leroy Grumman (T-AO-195) remain the U.S. contributions enforcing the sanctions of the UN against Iraq.

Mars News

Some new NAVMARCORMARS (Navy Mars) calls to pass along: NNNOCAZ is the USS Underwood (FFG-36), and NNNONWW has been assigned to VAQ-139 NAS Whidbey Island, who will be deploying aboard the USS Carl Vinson.

U.S. Air Force

More unit changes! The Air Force will transfer F-15E initial qualification training from Luke AFB, Ariz., to Seymour Johnson AFB, N.C., in late-1994 as part of a major force structure and realignment proposal. The Air Force announced dozens of actions Nov. 12 affecting 47 installations in 29 states. Additionally, they announced it is changing the designation of two units to preserve their legacy during the defense drawdown.

In January, the 56th Fighter Wing at MacDill AFB, Fla., becomes the 6th Air Base Wing and the 363rd Fighter Wing at Shaw AFB, N.C., becomes the 20th Fighter Wing.

Other changes: Alaska: Transfer alert operations from King Salmon Airport to Elmendorf AFB in mid-1994 and inactivate Detachment 5, 3rd Wing and associated supporting units. The airport will go into caretaker status to support weather and emergency divert efforts, random alert operations and military exercises.

Arizona: Transfer 25 F-16C/D aircraft to the 58th Fighter Wing at Luke in mid-1994.

California: Base 24 KC-10A aircraft at Travis AFB. Travis will get 10 aircraft in late-1994 and the remainder sometime in the future.

Florida: Relocate the Reserve's 301st Rescue Squadron and 482nd Fighter Wing to Homestead AFB, along with the Air National Guard's North American Air Defense alert activity. The change also canceled the 482nd's conversion to refueling aircraft. Plans to inactivate the 31st Fighter Wing were not changed. The 301st RS will be assigned to Patrick AFB, Fla., until permanent facilities are ready at Homestead. The 16th Special Operations Wing at Hurlburt Field will receive three additional MC-130H aircraft.

Georgia: Relocate 12 A-10A and six OA-10A aircraft to Moody AFB in

mid-1994, followed by the relocation of eight C-130Es. The actions are part of a plan to make the 347th Fighter Wing a composite wing. The 347th FW will lose six permanently assigned F-16C/D aircraft, leaving the wing with 36 F-16s. The Air Force also will inactivate the two Homestead squadrons temporarily assigned to Moody to meet fighter force reductions.

Louisiana: Transfer 10 KC-10A aircraft from Barksdale AFB in late-1994 and the other nine aircraft sometime in the future. The Air Force is modifying its May 27 announcement about the 46th Fighter Training Squadron at Barksdale. The unit will not become an Associate Reserve unit, but still will receive eight B-52H aircraft and stand up by the end of the year.

New Jersey: Transfer 19 KC-10A aircraft from Barksdale to McGuire AFB. The first 10 aircraft will arrive in late-1994. They will eventually base 24 KC-10As at McGuire; however, details are still being worked regarding the remaining 14 aircraft.

North Carolina: Transfer Seymour Johnson's KC-10A aircraft to air mobility bases. Ten aircraft will depart in late-1994. With the transfer of the KC-10As, the 916th Air Refueling Group at Seymour Johnson will receive 10 KC-135R aircraft and become unit-equipped instead of being an Associate Reserve unit.

Oklahoma: Change the Reserve's 507th Fighter Group to the 507th Air Refueling Group in mid-1994 when the unit converts from 24 F16A/B aircraft to 10 KC-135R aircraft.

Texas: The Air Force will not relocate the 924th FG (Reserve) from Bergstrom AFB to Carswell AFB and will indefinitely postpone converting the 924th from the F-16A/B to the F-16C/D aircraft. Additionally, 10th Air Force (Reserve) will remain at Bergstrom.

Also redesignating three units as part of an ongoing initiative to reduce the number of wings. The 22nd Air Refueling Wing, formerly at March AFB, Calif., will stand up at McConnell AFB, Kans., in January, replacing the 384th Bomb Wing as the host unit. The action is part of a plan to change the base's primary mission from long-range bombing to air refueling. The 384th BW will become the 384th Bomb Group until the bombers depart. The 321st Missile Wing at Grand Forks AFB, N.D., becomes the 321st Missile Group, and the 91st Missile Wing at Minot AFB, N.D., becomes the 91st Missile Group in March.

The McDonnell Douglas Corp. delivered the third operational C-17 Globemaster III transport to the Air Force at Charleston AFB, S.C., where it will join the 437th Airlift Wing. The 437th will field the first operational squadron of 12 C-17s.

The 53rd Weather Reconnaissance Squadron designation was activated and assigned to the Air Force Reserve's 403rd Airlift Wing, Keesler AFB, Miss., Nov. 1. While the "Hurricane Hunters" were being activated, their old unit designation, the 815th Weather Squadron, was inactivated. The 53rd WRS traces its roots to August 1944 when it was activated as the 3rd WRS at Presque Isle Army Airfield, Maine. The former active-duty unit was inactivated June 30, 1991, when the Air Force's entire WC-130 weather reconnaissance mission was transferred to the Reserve.

The Air Force has announced new unit designations and realignments for several U.S. Air Forces in Europe (USAFE) locations in an effort to preserve the heritage of its fighter squadrons. The 20th Fighter Wing flag from RAF Upper Heyford, England, will move to Shaw AFB, S.C., by January and the 36th FW flag from Bitburg AB, Germany, will transfer to

Andersen AB, Guam, by October. Upper Heyford will return to complete host nation control and Bitburg will be partially returned as a result of the defense drawdown. At RAF Lakenheath, England, the 493rd Fighter Squadron, flying F-15Cs, activates in January. The Liberty Wing's 492nd and 494th will remain as F-15E squadrons. The 510th FS at Spangdahlem AB, Germany, will be replaced by RAF Bentwaters' 81st FS but will remain an A-10 unit. The 22nd FS from Bitburg, flying F-16s, replaces the 480th FS and the 53rd FS, flying F-15Cs, also relocates from Bitburg. (Via Air Force News)

MARITIME

No time like the "Maritime's"...

Hoegh-Ugland Autoliners has announced purchase of two RO/RO vehicles for delivery in late 1994. These vessels will replace the HAUL Trader and the HAUL Transporter, which will be taken out of service and sold to the U.S. Maritime Administration for use in the MSC fleet.

American President Lines has ordered three new container ships from Daewoo Shipbuilding and Heavy Machinery. They will be used to replace four ships operating in West Asia/Middle East service. No word on names yet.

AERO

I received an answer to mail I had sent inquiring about frequencies used by NASA for their SR-71 flights. HF/VHF/UHF (I know, but since I had them) frequencies are: HF 6.712.0 Khz (Low), 9.023.0 Khz (Mid) and 11.217.0 Khz (High). VHF mission 135.825 Mhz. UHF freqs are: Ch.01 269.9 EDWARDS ATIS, Ch.02 304.0 CONFORM, Ch.03 390.1 EDWARDS GROUND, Ch.04 318.1 EDWARDS TOWER, Ch.05 335.6 DEPARTURE ADVISORY, Ch.06 348.7 DEPARTURE CONTROL, Ch.07 268.1 NASA TEST, Ch.08 286.8 NASA TEST, Ch.09 371.1 NASA 4, Ch.10 236.6 EDWARDS TOWER 2, Ch.11 354.3 AERIAL REFUELING, Ch.12 348.7 EDWARDS APC LOW, Ch.13 291.6 EDWARDS AFC HI Ch.14 255.4 FLIGHT SERVICE, Ch.15 369.9 LA CTR, Ch.16 321.3 ABQ, SEA CTR, Ch.17 364.8 SALT LAKE CTR, Ch.18 296.7 OAK, DEN CTR, Ch.19 317.6 PMD TWR, Ch.20 340.2 NID TWR.

That's it for this month, hope my main man Santa took care of everyone this year! So until next month...BIBI ("Bye-Bye" in ship telex talk!)

SPEEDX members had this information over two months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes, news, and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

Trash & Treasure: Information on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson.

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Bob Colyard

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utility DX loggings, frequency lists and schedules,
edited by Mike Wolfson

UTILITY NOTES: News and information on the world of utilities,
edited by Rick Baker

SPEEDX AWARDS: A wide variety of awards are available for members
DX'ing accomplishments, Harold Woering, Awards
Chairman

....and more!

If you would like to learn more about the SPEEDX radio club,
(the Society to Preserve the Engrossing Enjoyment of DX'ing), a
non-profit volunteer hobby organization founded in 1971, please
write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196,
DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the
Electronic Edition!

--

Rick Baker (ae...@yfn.ysu.edu)

Recorded live and direct from downtown Austintown, Ohio

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 3, No. 6 May, 1994 =====
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Edited by Richard Baker

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UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike at:

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Ashland, Ohio 44805

UTILITY NOTES: Edited by Richard "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself at:

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UTILITIES

Utility Logging's, Schedules, and Frequencies
Edited by Mike Wolfson
1842 Mifflin Ave.
Ashland, Ohio 44805

AERO

- 3413 SHANNON VOLMET: Ireland UK 0320 12/27 USB (wx) (Johnson, Il)
3455 REACH 60203: USAF 0113 12/23 USB (wkg New York over position SLAPP) (Halstead, WV)
5529 SANTO DOMINGO RADIO: Dominican Republic 0432 12/23 USB (wkg IBERIA 3508 in SS) (Halstead, WV); DOMINICA 800: 0325 12/9 USB (SS, wkg Santa Domingo w/position) (Braun, Va); U/ID IBERIA FLT: 0325 12/9 USB (SS, wkg Madrid for Barcelona wx) (Braun, Va)
5550 BOYEROS RADIO: Cuba 0301 12/10 USB (clg CUBANA 1481 in SS, no joy) (Halstead, WV)
5680 RESCUE 1711: 0050 12/29 USB 434 (clg u/id station) (Wolfson, Oh)
5696 NMN: USCG COMMSTA Portsmouth Va US 1634 12/12 USB (re/rescue of crew of sailing boat MALACHITA near Bermuda by RESCUE 6008 (HH60J)) (Lukas, NY)
5718 CFH: Halifax Military Canada 0056 12/29 USB (wkg RESCUE 113 w/position update, involved w/SAR of sailboat reported on fire, ship found safe, no fire (red lights)) (Baker, Oh) (Wolfson, Oh)

6604 GANDER VOLMET: Canada 0052 12/18 USB (Canadian wx) (Bellovich, FI)
6643 BERNE RADIO: Switzerland 0454 12/17 USB (wkg TWA 900 w/pp to Paris
dispatch, TWA 847) (Navary, Va)
6685 NO ID: 2210 12/3 USB 232 (scrambled tfc) (Bottonelli, Italy)
6714 USAF RESCUE OPS: 1837 12/11 USB (tfc between USCG RESCUE 1501 & USAF
RESCUE 222 re/overtured sailboat-see 8984) (Lukas, NY)
6716 AFA: Andrews AFB Va US 2037 12/7 LSB (wkg u/id a/c) (Lukas, NY)
6730 AF 1: 2251 1/2 USB 111 (wkg u/id Air Force Base) (Bottonelli, Italy)
8819 RAINBOW RADIO: 0104 12/13 USB (clg AMERICAN 84, no joy, wkg DELTA
72, UNITED 960) (Navary, Va)
8825 NEW YORK RADIO: US 0020 1/2 USB 333 (wkg ALITALIA 557) (Bottonelli,
Italy)
8891 CAMBRIDGE BAY RADIO: Canada 0014 12/26 USB (wkg KOREAN AIR 983 over
115W on PAPA track) (Halstead, WV)
8894 ALGIERS AERADIO: Algeria 0137 12/17 USB (wkg AIR CANADA) (Bellovich,
FI)
8967 GHFS LAJES: Azores 0330 12/31 USB (wkg REACH 60201) (Navary, Va)
8984 NMN: USCG COMMSTA Portsmouth Va US 1849 12/11 USB (wkg RESCUE 1501
re/overtured sailboat, tfc between 1501 and 1500 (HC130s)-see 6714)
(Lukas, NY); NMN: USCG COMMSTA Portsmouth Va US 1616 12/12 USB
(rescue mission for crew of sailboat LIGHTFOOT, went down off Long
Island NY, crew picked up by Japanese freighter, taken to Ireland)
(Lukas, NY); NMR: San Juan Puerto Rico 0136 12/29 USB 444 (wkg
RESCUE 1711 w/orders to proceed to Antigua to pick up spare parts)
(Wolfson, Oh)
11176 GHFS OFFUTT: Ne US 1705 12/31 USB (wkg DOOM 96 w/pp to MUDBUG
CONTROL, REACH 537 w/pp to Luke AFB, DOOM 97 w/pp to MUDBUG CONTROL)
(Navary, Va); A/C 289: 0046 12/2 USB 444 (w/bad scope, may have to
abort ECM training mission) (Wolfson, Oh)
11288 WHX78: FAA A/C 2230 12/9 USB (wkg u/id QTH re/position over Montana,
landing in 20 min, hope to return Sat) (Braun, Va)
11300 KHARTOUM AERADIO: Sudan 2343 12/27 USB (wkg Nairobi, LUFTHANSA 575,
Cairo, AFM02) (Navary, Va)
11306 LIMA FLIGHT SUPPORT: Peru 2236 12/26 USB (wkg AMERICAN 917)
(Halstead, WV); AVIANCA 60 DX: 1849 12/24 USB 434 (wkg New Castle
flt ops, APU bleed air valve failed to close) (Wolfson, Oh)
11309 NEW YORK AERADIO: US 1901 12/24 USB 444 (wkg various flts) (Wolfson,
Oh)

CW

2727.6 DAN: Norddeich Radio Germany 0344 12/1 (ID,) (Lukas, NY)
2815.9 IDR: Rome Naval Radio Italy 0302 12/1 (ID, 2815 listed) (Lukas, NY)
5760 OVG: DM Fredikshavn Denmark 2325 12/30 444 (ID) (Bottonelli, Italy)
6757 MKL: RAF Edinburg UK 2305 12/4 544 (clg 6ZN, wx info) (Bottonelli,
Italy)
8437 4XZ: Haifa Radio Israel 2252 12/4 555 (crypto tfc to HE3A, others)
(Bottonelli, Italy)
8448 A9M: Hamala Bahrain 2045 12/5 322 (marker, QRM) (Bottonelli, Italy)
8522 FFL2: St Lys Radio France 2050 12/5 545 (wx) (Bottonelli, Italy)
8546 GKA: Portishead Radio UK 2145 12/5 545 (wx) (Bottonelli, Italy)
8569 FUV: French Navy Djibouti 2245 12/4 433 (marker) (Bottonelli, Italy)
8614 URL: Sevastopol Radio Ukraine 2158 12/5 455 (marker) (Bottonelli,
Italy)
8670 IAR: Rome Radio Italy 2125 12/27 544 (marker) (Bottonelli, Italy)
8682 EAD: Madrid Radio Spain 2201 12/5 455 (tfc 1st) (Bottonelli, Italy)
8698 7TF6: Skikda Radio 1825 12/31 455 (ID) (Bottonelli, Italy)

8704 SVB2/3/4: Athens Radio Greece 2130 12/27 544 (marker) (Bottonelli, Italy)

12689.5 PPJ: Juncao Radio Brazil 0405 12/21 (marker) (Navary, Va)

12738 PPR: Rio Radio Brazil 0345 12/21 (marker) (Navary, Va)

12857 6WW: Dakar Radio Senegal 0330 12/21 (marker) (Navary, Va)

13014 CLS: Flota Cubana de Pesca Radio 0324 12/21 (marker) (Navary, Va)

16932 7TF10: Boufarik Radio Algeria 1637 12/5 (marker) (Navary, Va)

17105 IRM: CIRM Rome Italy 1535 12/5 (marker) (Navary, Va)

22450.1 PPO: Olinda Radio Brazil 1813 12/4 (marker) (Ward, Ca)

22458 XSX: Keelung Radio Taiwan 0707 12/4 (marker) (Ward, Ca)

22465 9MG: Penang Radio Malaysia 0713 12/4 (marker) (Ward, Ca)

22478 NMO: USCG COMMSTA Honolulu Hi US 1818 12/4 (marker) (Ward, Ca)

22485 VHP: ACT Canberra Australia 0719 12/4 (marker) (Ward, Ca)

22536 VPS22: Cape D'Aguilar Radio Hong Kong 0733 12/4 (Ward, Ca)

22537.7 FUF: French Forces Fort de France Martinique 1948 11/24 (ID) (Lukas, NY)

22544 FUM: Papeete Naval Tahiti 2223 12/4 (marker) (Ward, Ca)

22565 XSW: Taichung Radio Taiwan 0738 12/4 (marker) (Ward, Ca)

22576.5 JNA: Tokyo Radio Japan 2322 12/5 (marker) (Ward, Ca)

22592.5 A9M: Bahrain Radio 1718 12/5 (Ward, Ca)

22610.5 CLA: Havana Radio Cuba 2231 12/4 (marker) (Ward, Ca)

22636.5 JCT: Choshi Radio Japan 0141 12/5 (marker) (Ward, Ca)

22659.5 JOR: Nagasaki Radio Japan 0151 12/5 (marker) (Ward, Ca)

22670.5 PPR: Rio Radio Brazil 2337 12/5 (marker) (Ward, Ca)

22686.5 WLO: Mobile Radio AI US 2237 12/4 (marker) (Ward, Ca)

22694.4 XSG: Shanghai Radio China 2241 12/4 (marker) (Ward, Ca)

MARINE

2118 CG3029: CCGS Earl Gray 0149 12/22 USB (2118/2514 wkg Halifax CG Radio for R/T tfc) (Baker, Oh)

2182 4PLC: 0534 12/8 USB (clg YXV3, no joy) (Navary, Va); S/V THUMPER: 0544 12/14 USB (MAYDAY call, wkg USCG Ft Macon Grp, taking on water, EPIRB activated, 5 crew, C130 dispatched to assist) (Navary, Va)

4071 ELBM9: M/S Tropicale 0248 12/23 USB (wkg WOM w/R/T tfc) (Baker, Oh)

4088.5 PAPA: 1057 12/1 USB (wkg HOTEL re/media crew on board DEMON 45 helo, wants to film boarding of M/V Torture Express) (Braun, Va)

4113 ELJV7: Nordic Empress 0408 12/29 USB (wkg WOM for tfc) (Navary, va)

4131 SS AMERICAN ADVENTURE: 0215 12/29 USB (wkg WOM w/R/T tfc, formerly the SS Eugenio Costa) (Navary, Va)

6200 NRQW: USCGC Sweetgum 2018 12/19 USB (wkg COMMSTA New Orleans w/pp to DISTRICT 8 Ops, re/release from SAR mission-debris/body found, no survivors) (Navary, Va)

6224 SOUTHBOUND II: Bermuda 0047 12/18 USB (Caribbean wx) (Bellovich, Fl)

6230 WFL: Southern Towing Memphis Tn US 2104 12/21 USB (wkg various river boats) (Baker, Oh)

6513 VCS: CCG Halifax Nova Scotia Canada 2210 12/29 USB 444 (wx for Canadian locations) (Wolfson, Oh)

8198 5BNE: M/V Thios Costas 2355 12/22 USB (wkg WOM, w/attempted R/T tfc) (Navary, Va)

8207 LIZA3: M/S Sun Viking 2330 12/22 USB (R/T tfc via WOM) (Navary, Va)

8219 D9FV: Ves Bright Star 0136 12/23 USB (Korean cargo ship, wkg KMI w/R/T tfc) (Baker, Oh)

8222 C6KP: Festivale 0412 12/29 USB (wkg WOM) (Navary, Va)

8237 ELNG6: M/V Horizon 0118 12/23 USB (wkg WOO w/R/T tfc) (Baker, Oh)

8240 NDIS: USCGC Matinicus 2020 12/29 USB (wkg Portsmouth re HFDL on 7 megs) (Navary, Va)

8264 SYVL: Ves Star of Texas 2152 12/21 USB (wkg WLO w/R/T tfc, refused entry at Mexican port, passengers upset) (Baker, Oh)

8267 3FMF3: SS Enchanted Seas 0016 12/23 USB (wkg WOM w/R/T tfc) (Navary, Va); A/C N8200E: 2237 12/26 USB (R/T tfc, 1st time heard an a/c wkg WOM) (Navary, Va)

8285 P3FB5: Ves Delta Lady 2350 12/22 USB (wkg WOM w/R/T tfc to Bulgaria) (Baker, Oh)

8285.5 3ESE9: M/S Sensation 2227 12/28 USB (clg WOM w/R/T tfc-newest Carnivale Cruise Line "mega" ship) (Baker, Oh)

8713 IAR: Rome Radio Italy 2137 12/27 USB 433 (wkg u/id ves w/pp) (Bottonelli, Italy)

8746 SPO41: Szczecin Radio Poland 1840 12/30 USB (tfc lst) (Navary, Va)

12244 MHGS3: Rainbow Princess 1955 12/25 USB (wkg WOM for tfc) (Navary, Va)

12272 C6II4: M/S Crown Odyssey 1907 12/25 USB (wkg WOM) (Navary, Va); HEB17: Berne Radio Switzerland 1445 12/24 USB (wkg 9HGH3) (Navary, Va)

12296 C6KO6: Royal Viking Queen 2217 12/25 USB (wkg WOM) (Navary, Va)

12317 P3UR3: Ves St Pierre 2014 12/28 USB (wkg Portishead Radio on GKV50) (Baker, Oh)

12353 WBN3011: Tug Pilot 1828 12/22 USB (wkg WPR re/needed charts) (Baker, Oh)

13152 WLO: Mobile AI US 2155 12/29 USB 444 (pp tfc) (Wolfson, Oh)

PHONE

2670 USCG GROUP MARICHES: NY US 0015 12/11 USB (NOTAMs re/GPS satellite status) (Braun, Va)

4560 HMCS VILLE DE QUEBEC: 0400 12/7 USB (clg HALIFAX MILITARY for rdo chk, no joy, QRM from Israeli MOSSAD tx) (Braun, Va)

5015 WD4: 1320 12/26 USB (wkg WD403 w/lake elevations and gate info, wx) (Johnson, Il) (Mississippi working stn ???)

*U.S. Army Corps of Engineers tfc, but call wud be WUB4 or WUD4 -RD

5238 NO ID: 0403 12/3 AM (SS nbr stn, 10 count) (Lukas, NY)

5369 BRIGHTON BAY: 2310 12/30 USB (wkg as net control w/several ship w/BAY c/s) (Braun, Va)

6018.6 XJB52: Canadian Mariner 1350 12/26 USB (w/position rpt, ETA, clg CANADIAN X4) (Johnson, Il)

6841 NO ID: 2010 12/5 AM 434 (5 ltr grps) (Bottonelli, Italy)

6873 VOA: Greenville NC US 0437 12/16 LSB (feeder) (Lukas, NY)

6877 CFH: CFARS Halifax NS Canada 0150 12/7 USB (wkg CIW103, trying for clear freq) (Braun, Va)

7445 KPA2: 0220 1/1 USB fair (phonetic numbers stn) (Hardester, NC)

7482 NO ID: 0105 12/18 AM (SS, 5 nbr grp) (Bellovich, Fl)

7494.6 NO ID: 0158 1/1 very good (time stn matching WWV, no ID) (Hardester, NC)

8188.5 BRAVO SIERRA: 1800 12/9 USB (wkg WAFER 716 from test area w/DRC, investigating for goblins, laying grid, query if should want for relief from 715 or 716) (Braun, Va)

14383.5 NNN0NUM: USN 2253 12/28 USB poor (wkg NNNOCZO-USS Stephen W. Groves FFG-29 w/rdo chk)(Thompson, Ca)

14391.5 NNN0ERA: USN 0008 12/17 USB poor (wkg NNNOCVV-USS Yellowstone AD-41 heading for Haiti) (Thompson, Ca)

14441.5 NNN0CTY: USN USS Fox CG-33 0048 12/13 USB fair (clg any MARS stn w/pp tfc) (Thompson, Ca)

14470 NNN0NUW: USN Whidbey Island NAS 2302 12/15 USB poor/excellent (wkg NNNOCWC-USS Samuel Gompers AD-37 w/pp) (Thompson, Ca)

20085 CESARE 1: Somalia 1020 1/2 USB 355 (wkg URANO) (Bottonelli, Italy)
20185.7 WA4NAN: Goddard Spaceflight Center Greenbelt Maryland US 1610 12/2
USB (STS-61 mission audio rebroadcast) (Lukas, NY)
20505 URANO: Somalia 0950 1/3 USB 333 (clg CESARE 1, no joy) (Bottonelli,
Italy)
23053 SCUDO 2: 1033 1/2 USB 244 (wkg Italian Air Force Base OT (Pisa ??)
w/pp) (Bottonelli, Italy)

RTTY/FAX

518 NMN: USCG COMMSTA Portsmouth Va US 0930 FEC (NAVTEX b/c, code N)
NMR1: USCG San Juan Puerto Rico 1000 12/22 FEC (NAVTEX b/c, code R)
VCO: CCG Sydney Canada 1040 12/22 FEC (NAVTEX b/c, code Q); NMG:
USCG COMMSTA New Orleans La US 1100 12/22 FEC (NAVTEX b/c, code G)
NMA: USCG COMMSTA Miami Fl US 1200 12/22 FEC (NAVTEX b/c, code A)
NMF: USCG COMMSTA Boston ma US 1245 12/22 FEC (NAVTEX b/c, code F)
2572 WLO: Mobile Al US 0920 12/29 FAX (test chart from National Hurricane
Center) (Baker, Oh)
2727 DAN: Norddeich Radio Germany 0148 12/8 SITOR A (ID) (Baker, Oh)
4148 YLAO: Ves Mikhail Lomondsovyas 2352 12/15 SITOR A (tlx) (Baker, Oh)
4175 ELEY8: Ves Tramarco Trader 0526 12/25 SITOR A (wkg WLO w/tlx)
(Baker, Oh)
4179 ELNS3: Ves Baltic Star 2331 12/23 SITOR A (departure rpt to Star
Reefer-London) (Baker, Oh)
5160 NNNONIK: USN MARS Mayport Fl US 0305 12/1 SITOR A (HF mailbox,
idling) (Baker, Oh)
5275 MENA: Cairo Egypt 2042 12/30 75 baud 455 (FF nx re/Palestinians)
(Bottonelli, Italy)
5807 ZKLF: Auckland New Zealand 1300 12/1 FAX (wx chart of eastern
Australia) (Wielgos, In) (welcome to the column Steve-MW)
6264 6LV3: Ves Alatra 2327 12/21 SITOR A (wkg SPA-Gydnia Radio w/tlx)
(Baker, Oh)
6270.5 C6II4: Cruise Ship M/S Crown Odessy 0028 12/16 SITOR A (wkg
SVU-Athens Radio w/tlx) (Baker, Oh)
6320.5 FFT31: St Lys Radio France 0301 12/23 SITOR B (tfc lst) (Baker, Oh)
6325.5 WLO: Mobile Radio Al US 0010 12/16 SITOR A 454 (msg tfc) (Card, RI)
6370.5 RN Gibraltar: 0226 12/8 170/75 (marker, ID) (Baker, Oh)
6383.5 CKN: Canadian Forces Vancouver BC 0245 12/8 170/75 (NAWS tape, ID)
(Baker, Oh)
6400 UMV: Murmansk Radio Russia 0641 12/25 SITOR A (not CW as listed, wkg
TH Kapitan Glazachev) (Baker, Oh)
6407 NO ID: 0310 12/8 170/75 (u/id NAWS marker- NAWS S4-2D) (Baker, Oh)
6496 CFH: Meteo Halifax NS Canada 0030 12/20 850/75 444 (wx) (Card, RI)
7535 AXI33: Darwin, Australia 2100 12/15 FAX (FL 250 chart of Australia)
(Wielgos, In)
7959 IRNA PRESS: Iran 2150 12/3 50 baud 544 (nx) (Bottonelli, Italy)
8165 5YD: Nairobi Air Kenya 2129 12/30 50 baud 545 (ID) (Bottonelli,
Italy)
8191 9MR: Johor Baharu Malaysia 2105 12/27 RTTY 433 (ID) (Bottonelli,
Italy)
8381.5 7THK: Larbi Ben M'Hidi 2025 12/28 SITOR A (wkg Boufarik Radio w/FF
tlx tfc) (Navary, Va) (Algeria ??- MW)
8390.5 M/V AYA II: 2327 12/30 SITOR A (tlx tfc) (Navary, Va)
8393 UZYY: NIS Kosmonant Viktor Patsaev 2020 12/15 SITOR A (w/tlx to
Moscow Radio) (Baker, Oh)
8429.5 GKQ4: Portishead Radio UK 1355 12/25 SITOR A (w/"phonetex" tlx to
Ves Ranam) (Baker, Oh)

9045 5YE: Nairobi, Kenya 2130 12/7 FAX (FL 250 wind/temp chart of Africa)
(Wielgos, In)

9220 RIB76: Novosibirsk Russia 2330 12/1 FAX 576/90 (FUXX RUNW chart)
(Wielgos, In)

9340 RCH72: Tashkent Meteo Uzbek 1235 12/1 FAX 576/90 (FBXX RUTK sig.
weather chart) (Wielgos, In)

9396 HMF84: KCNA Press Korea 2223 12/30 RTTY 344 (FF nx re/Korean talks
about nukes) (Bottonelli, Italy)

9994 CSY65: Santa Maria Radio Azores 0030 12/5 850/50 354 (coded wx)
(Card, RI)

10283 RFLI: French Forces Forte de France Martinique 2200 12/15 ARQ-E3
425/96 (controle de voie) (Wielgos, In)

10408 6VU: Dakar Senegal 0220 12/21 425/50 343 (ID) (Card, RI)

10555 AXI34: Darwin Australia 1400 12/15 FAX (warnings in text) (Wielgos,
In)

10800 RFLI: French Forces Forte de France Martinique 2329 12/15 ARQ-E3
425/96 (msgs in FF) (Wielgos, In)

10805 LOR: Buenos Aires Argentina 2300 12/2 450/75 454 (SS nx) (Card, RI)

10896 LRB39: Buenos Aires Argentina 0140 12/1 850/50 444 (SS nx) (Card,
RI)

10980 RDD79: Moscow Russia 1355 12/20 FAX (Weather chart w/cyrillic
writing) (Wielgos, In)

11525 RWW79: Moscow Russia 1400 12/31 FAX (RAFC Moscow wind/temp chart)
(Wielgos, In)

12165 RKD78: Moscow Russia 1459 12/31 FAX 576/90 (FUXX 250hpa RUMS chart)
(Wielgos, In)

12844.5 GYA: London UK 1230 12/2 FAX (wave height chart) (Wielgos, In)

14356 GFL24: Bracknell Meteo UK 1304 12/19 410/50 (data) (Baker, Oh)

14483 RFTJ: French Forces Dakar Senegal 2025 12/22 ARQ-E3 425/48 (msgs in
FF, 5 ltr coded msgs) (Wielgos, In)

16683 J4FC: Ella 1804 12/29 SITOR A (position rpt) (Navary, Va)

16685.5 SQRQ: M/V Kopalnia Halemba 1720 12/26 SITOR A (AMVER rpt) (Navary,
Va)

16687 P3EX5: M/V Kamy 1820 12/29 SITOR A (formerly M/V Dresden, tlx to
TRANSMED) (Navary, Va)

16705 BPPW: M/T Da Qing 92 1705 12/29 SITOR A (tlx tfc to Shanghai,
Florida) (Navary, Va)

16832 LGB: Rogaland Radio 1633 12/29 SITOR A (wkg LALT2) (Navary, Va)

18100.8 NO ID: 2341 12/2 SITOR A (idling) (Baker, Oh)

19751.5 6VU: Dakar Senegal 1808 12/25 FAX 576/60 LSB ISD (FBAO temp
projection, Europe/Africa area) (Wielgos, In)

22304.5 3ERQ7: M/V Radnes 1811 1215 SITOR A (position rpt) (Baker, Oh)

22381 9VG: Singapore Radio 0647 12/4 SITOR (ID) (Ward, Ca)

22382 CBV: Playa Ancha Radio Chile 1801 12/4 SITOR (ID) (Ward, Ca)

22383 VIS: Sydney Radio NSW Australia 0801 12/4 SITOR (ID) (Ward, Ca)

22388 XSG: Shanghai Radio China 2249 12/4 SITOR (ID) (Ward, Ca)

22389 9VG: Singapore Radio 0652 12/4 SITOR (ID) (Ward, Ca)

22389.5 NMN: USCG COMMSTA Portsmouth Va US 1807 12/4 SITOR (ID) (Ward, Ca)

22390.5 FFT: St Lys Radio France 1640 12/5 SITOR (ID) (Ward, Ca)

22391.5 NO ID: 1808 12/4 SITOR (frequently heard, no ID) (Ward, Ca)

22394.5 LPD: General Pacheco Radio Argentina 1641 12/5 SITOR (ID) (Ward, Ca)

22396 NO ID: 0656 12/4 SITOR (frequently heard, no ID) (Ward, Ca)

22412 WLO: Mobile Radio AI US 1811 12/4 SITOR (ID) (Ward, Ca)

22404 UKK3: Nakhodka Radio Russia 0112 12/5 RTTY (marker) (Ward, Ca)

22420 XSQ: Guangzhou Radio China 0703 12/4 SITOR (ID) (Ward, Ca)

That's it for February. I'm planning on being in Kulpsville the weekend

of March 11th. There's a utility listening workshop scheduled. 73

UTILITY NOTES

News and Information from the World of Utilities

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Howdy all, we have an expanded column this month, so waste not, want not. I was able to do a little home remortgaging and decided to add .50 cents a month to the payment and bring an Icom R-72 into the shack to keep the R-71A from getting lonely. The R-71A is now tied in with the M-1000, and the R-72 is the SSB worker. They seem to make a nice team!

I received electronic mail from Richard Steck (IL), who is looking for any and all known Cuban frequencies, both UTE and SWBC. His goal is to closely monitor Cuban frequencies to study the political climate. A little Signals Intelligence if you will. The latest PL Havana sked I have shows 14928.0 (CLN452) 1400-2200 in SS, and 16348.0 (CLN530) 1200-2300 in EE. Also, Havana Radio on: CLA2 4235, CLA3 4225, CLA4 6454, CLA5 6337, CLA20 8496, CLA 21 8573 and 25719, CLA22 8690, CLA30 12748, CLA31 12792, CLA32 13062 and 26124, CLA33 12673.5, CLA40 16961, CLA41 17165.6, CLA50 22610.5, CLA51 22649, CLA60 4408, CLA62 4357, CLA63 8737, CLA64 8743, CLA67 8758, CLA68 13125, CLA 69 13116, CLA71 13158, CLA72 17317, CLA73 17275, CLA75 17323, CLA76 22789, and CLA77 22750. CLP1, MFA Havana on: 12255, 12610, 14833, 18630, 20787, 20821, 20896.7, 21956.6, 23050, 23060, 23355, and 23569.7 Khz.

Anyone with updated station information can contact Richard via e-mail at steck....@tntv7.nts.com, or drop me a note and I'll relay it.

A welcome to new Speedx member Steve Wielgos from East Chicago, In, who likes to specialize in FAX reception. Steve sent me several of his recent captures as .PCX files. The chart to the right is from Dakar Meteo, Senegal (6VU) at 1835 UTC, LSB/ISB in 120/576 on 19751.5 Khz.

FAX Facts

Steve and I have been tracking the source of FAX charts being sent on 4857.0 and 11622 Khz. These USAF charts show they are prepared at Offutt AFB as they are marked "KAWN". Through various sources on the internet we have learned that these charts may be coming from Homestead AFB, Florida. I wasn't aware that Homestead was that far along from its destruction by Hurricane Andrew in 1992. The February edition of the RTTY column in Popular Communications also mentions the possible resurrection of Homesteads FAX transmissions. This all came about just as I was getting ready to send the column, so I hope to have more info next month. A call to the Public Affairs Officer (PAO) at Homestead revealed the base is operating, but as an Air Force Reserve Station. Only a small portion of the former base will be used. As of deadline for the column, they had not called back to confirm Homestead is again a part of the USAF HFRB (High Frequency Regional Broadcast) system.

Steve Wielgos also forwarded this information on a change in NAM skeds:

NAM Revamps FAX Operation by Steve Wielgos

It seems that NAM has revamped their whole fax operation. They have a new schedule which I received today at 2130 that says it is effective January

19, 1994. For some reason, it says Cutler, Maine instead of Norfolk, Virginia. It has tiny print that's very difficult to read on the screen. They made quite a few changes in the transmission times and they're sending satellite picture 19 times daily instead of the previous 10 times. The charts have a completely different look to them; the long computer plotted charts are gone and have been replaced with much smaller charts. They also have "NAVLANTMETOCEN" as chart titles instead of the previous "NAVEASTOCEANCEN".

They have changed their transmitting process too. Before there was a continuous white tone between the charts at all times, now there is dead air after the stop tone, between charts. There were quite a few charts that said "product not available", and some of the charts I got today have very strange looking distortion, like they're stretched out on silly putty, (I think they misfed the charts into the fax machine), so it looks like they haven't quite got it ironed out yet. They were also sending satellite pictures from the MET-4 bird at 0000 yesterday, they were 240/288 faxes of the South Atlantic. I don't see it listed in the new schedule though, so I guess it's not going to be a regular product. I'm keeping watch here to see what other weird stuff shows up.

Thanks to Steve for that flash. Interesting changes. And last, but not least, apparently LRO84, Buenos Aires Meteo, has moved to 18620.5 from their old frequency of 18093. They are putting out great sigs to northeast Ohio and to Steve in Indiana, 1830 to 2230 UTC.

MILITARY

Canadian Forces

Last month I mentioned the City-class frigates the Canadian government is building. From a friend, Steve "Mr. Warship" Schultz, I received the following update: HMCS Halifax (FFH-330); HMCS Vancouver (FFH-331); and HMCS Toronto (FFH-333) are already commissioned and in service. If not in service already, the next should be HMCS Montreal (FFH-336) or HMCS Ville de Quebec (FFH-332).

U.S. Navy

~ Operation Support Democracy, the UN mandated sanctions against Haiti, has seen the multinational task force (CJTF 120) enforcing the sanctions completed its 100th boarding Nov. 26, when crew members from the frigate USS Ainsworth (FFT 1090) stopped and searched the Honduran-flagged cargo vessel "Black Eagle," which was bound for Miragoane, Haiti.

As of Nov. 27, more than 1,000 ships have been questioned via ship-to-ship radio as they entered the Windward Passage between Haiti and Cuba, 86 percent of the 100 vessels boarded have been cleared for entry to Haitian ports, and 14 merchant ships have been diverted for carrying prohibited cargo.

In addition to USS Ainsworth, U.S. Navy ships currently participating in the maritime interception operation include USS Conolly (DD 979), USS Barry (DDG 52) and USS Flatley (FFG 21). The amphibious assault ship USS Nassau (LHA 4) remains on station as well.

~ The United States and the Government of Iceland have signed an agreement, the "Agreed Minute", which will keep U.S. Forces in Iceland. Specific details of how changes in operations at Keflavik will affect military units remain to be worked out in the ensuing months.

~ Video teleconferencing was used by some deployed Norfolk-based sailors and their families over the holidays. Teleconferencing is a phone call in which you can both "see and hear" your connected party.

In late December, 112 sailors deployed to the Mediterranean with the USS Guadalcanal Amphibious Ready Group, took advantage of this technology via a

video teleconferencing link between Naples, Italy, and Norfolk.

There are more than 125 video teleconferencing centers worldwide in the Department of Defense network. Each center has four audio microphones and two full-color video monitors, an incoming monitor that shows the images coming from the distant conference room and an outgoing monitor that shows what the other end is seeing.

~ This month, the Navy began training aviators at Naval Air Station (NAS) Kingsville, Texas, using the new T-45 Training System (T45TS), which includes a sophisticated jet trainer, the T-45 "Goshawk."

The T-45 Goshawk is a single engine, turboprop, tandem seat aircraft. It is a highly modified version of the British Hawk which is currently used by the Royal Air Force and the air forces of nine different countries. The Goshawk is 39-feet long, has a wing span of almost 31 feet and weighs just over 10,500 lbs. It carries 3000 lbs. of fuel and has a range of approximately 700 miles.

U.S. Air Force

~ Three F-111 aircraft were the last to depart for the United States Dec. 7, from RAF Upper Heyford. The base is drawing down. The 20th Fighter Wing is scheduled to move to Shaw AFB in 1994 and the base, previously targeted to go into standby status, will be returned to the British government, according to the Air Force News Service.

~ Two squadrons of F-16C aircraft with the 86th Wing at Ramstein AB, Germany, will be permanently relocated to the 401st Fighter Wing at Aviano AB, Italy, beginning in April. The aircraft will re-establish a fighter presence in the southern region of Europe in response to NATO tasking, said base officials in a release by the AFNS. Coinciding with the F-16 transfer, the 512th and 526th Fighter Squadrons will be inactivated at Ramstein.

~ The first operational B-2 stealth bomber arrived at Whiteman AFB, Mo., Dec. 17, the 90th anniversary of the Wright Brothers' first sustained and controlled flight by a heavier-than-air vehicle over Kitty Hawk, N.C.

Gen. Michael Loh, Air Combat Command commander, was one of the primary crew members delivering the bomber. Those who may have heard "ACC-1" (some thought it was ACE-1) that day, made the first known ute logging of a B-2!

The B-2 was delivered from Edwards AFB, Calif., to the 509th Bomb Wing at Whiteman. After this first delivery, other B-2s will be delivered to the 8th Air Force base at a rate of about one every three to four months. The Air Force has purchased 20 of the stealth-technology aircraft and expects to have them fully operational by the turn of the century.

~ The first of eight B-52H Stratofortresses arrived at Barksdale AFB, La. Dec. 7, making the 917th Wing the first Air Force Reserve unit equipped with bombers.

The 917th is scheduled to receive one B-52H per month until it has all eight aircraft, said Reserve officials in a release by AFNS. The first aircraft to arrive had been based at Fairchild AFB, Wash.

~ The 48th Fighter Wing at RAF Lakenheath, England began a new era when the first of 21 F-15C aircraft arrived from Eglin AFB, Fla., in November to reconstitute the 493rd Fighter Squadron.

The Liberty Wing's newest squadron was scheduled to be activated Jan. 1, 1994. The 493rd formerly was an F-111 fighter bomber unit.

~ Operation Provide Promise, the United Nations' humanitarian relief effort into Bosnia-Herzegovina, is being beefed up with the help of additional C-130 aircraft from U.S. National Guard and Reserve units.

Several installments of aircraft are due at Rhein-Main over the next few weeks. The first aircraft, from the 123rd Air Wing, Air National Guard, Louisville, Ky., arrived Dec. 18. Members of the 910th Airlift Group from Youngstown, Ohio, arrived Dec. 19. Arriving the first week of January will be

aircraft from the 403rd Airlift Wing, Keesler AFB, Miss.; the 934th AG, Minneapolis-St. Paul; and the 913th AG, Willow Grove ARS, Pa, according to AFNS.

For quite awhile now, an additional station has been heard on the GHFS frequencies. The ID is BAYONNE, and in response to a question by an aircraft recently they stated they were in Bayonne, NJ. The station seems a mystery to a lot of the aircraft using GHFS, and their signal strength doesn't seem to be equal of the other GHFS stations. Wonder if this is some sort of temporary station for some reason?

MARITIME

Tales of CS's, CSS's and HMCC's

A few months ago I had logged the "CS" Alert in ARQ, and immediately jumped to the conclusion that CS stood for Customs Ship, as that was the only Alert in my data base. So being the persistent QSL'er of warships and other government ships that I am, I fired off a QSL request to what I thought was the proper address.

Well, as they say, "live and learn". First, I sent the letter to the Maritime Naval HQ of the Royal Navy, at Mount Wise, Plymouth, which is the Ministry of Defense HQ and has nothing to do with the Her Majesties Customs and Excise Marine Division. But they kindly forwarded my letter to the proper address. While all this was taking place, I had found out via Ian Baxter, co-editor of the "Utility Shack" column of the Danish Shortwave Club International (DSWCI), who lives in England, the sad news that this was not a customs ship. Ian drove into London for me to do the research. As a letter from Her Majesties Customs and Excise Marine Division later confirmed, the "CS" Alert stands for...."Cable Ship". These ships are owned and operated by British Telecom (BT Marine) for laying undersea cables.

The senior officer of Her Majesties Customs & Excise Marine Operations Unit instead of having a good laugh at my expense, took the time to forward information on their newest "cutter", HMCC (Her Majesties Customs Cutter) Vincent, fourth of the new Protector-class cutters. He was also kind enough to forward my now well traveled letter to the CS Alert. Ten days later I received my PFC back, as well as some nice information on the "CS" ships.

I later wrote to BT Marine for further information on their ships, and they were kind enough to forward their booklet "The Fleet", and several months editions of their industry magazine Soundings. The CS ships have a long history which dates back to the early 1900's. These ships were also in active war service during WWII maintaining submarine communications lines. Several were lost to submarine attacks. An interesting history for sure.

I did some research and here is some information on the Cable Ships of BT Marine:

CS Nexus, built 1972 and 17,000 tons. Unknown callsign.

CS Sovereign, callsign GPAB. Weight: 13,018 tons.

CS Alert, callsign GHJW. In addition to cable laying duties, she is contracted to MoD (Ministry of Defense) as the rescue control vessel and mother ship to the LR5 manned rescue submersible, which is also owned and operated by BT Marine. The LR5 is deployed in the event of a submarine in distress. CS Alert weighs in at 9,346 tons.

CS Iris, callsign GVFA. Weight is 4,639 tons.

CS Monarch, unknown callsign. Sister ship of CS Iris. Mainly deployed in the North Sea and English Channel for cable maintenance duties. Weight 4,742 tons.

Discovery, no "CS" prefix. Callsign GLNE. Commissioned in 1990, she is a state-of-the-art dive support vessel. Based at BT Marines offshore base in Newcastle, she weighs 10,295 tons.

And not to be confused with the CS ships, we have the CSS's. I started hearing these ships all the time in the last few months on 2182.0 in comms with Canadian CG stations. I started asking around via the internet what "CSS" stood for and the best answer was "Canadian Steam Ship", which sounded a little doubtful to me.

Then I received a lead (in fact several) from folks who had been on some of these vessels. I found that CSS stands for Canadian Scientific or Survey (depending on ship use) Ship. These ships operate out of the Bedford Institute of Oceanography, Dartmouth, NS, Canada, B2Y 4A2, and are similar to the U.S. NOAA ships. Bedford is the main research institution for the Department of Fisheries and Oceans in Canada. The west coast equivalent is the Institute of Ocean Sciences, Patricia Bay, 9860 West Sannich Road, P.O. Box 6000, Sidney, BC, Canada V8L 4B2.

On the east coast I have heard so far: CSS Parizeau, CGBS; CSS Hudson, CGDG; and CSS Alfred Needler, CG2683. One ship, CSS Dawson, was recently decommissioned. The last known west coast ships were CSS Vector and CSS Tully. I recently QSL'd the CSS Parizeau through the Bedford address. I had written Bedford requesting information on them and their ships, but so far there has been no reply.

Callsign Changes

For those that may have missed it, the January 1994 Utility World column in Monitoring Times lists several callsign changes to maritime stations in the former Soviet Union. For Odessa Radio, UDE is now UTT and UFB has been replaced by UUI. Kiev Radio is now using UTQ which replaces UJQ. And Mariupol Radio has replaced UDC with UTW and UBN with USU. I have noted Odessa using the new callsign's. All of these stations are in the Ukraine.

I can also add Klaipeda Radio, Lithuania, which is now using LYL. This replaces their old callsign of UNM2.

Watch for more changes as the new countries adopt their new callsign blocks, replacing those used in the former Soviet Union. It seems a lot of the ships are switching from "U" to "L" prefixes also, many dropping the traditional Russian "TH", "BATM", etc prefix for the ship name to the more common "M/T", "M/V", etc prefixes in the process.

Cruise Ships

Latest word on Carnival Lines new cruise ship Fascination is that the ship will be underway from Europe to the east coast of the U.S. on its maiden voyage sometime in July of this year. The next "mega" cruise ship from Carnival will be Inspiration, which will be launched sometime in 1995. In 1996 Carnival will launch a yet un-named ship, which when its in service, will be the largest cruise ship afloat. Meanwhile the newest Carnival ship in service already, the M/S Sensation, is very active on the coastal station frequency pairs with radiotelephone traffic.

AERO

Tim Braun (Va) sent an interesting article from Aviation Daily on the feasibility of switching to the planned ICAO communications, navigation and surveillance/air traffic management system envisioned for early next century.

This satellite-based air traffic management system would help handle growing air traffic across the Pacific. A conference, held in Los Angeles in November to address these concerns, was attended by representatives of 36 countries. Apparently the use of the U.S. GPS system has aroused concerns that the GPS system will be controlled by the U.S. military.

Tim also forwarded this information:

According to the December 30, 1993 issue of Aviation Daily, Portuguese civil aviation authority ANA has begun using VHF Aircom, Sita's air-ground communications service, for data link oceanic clearance transmitting trials over North Atlantic airspace. Controllers at Santa Maria Oceanic Control Center send clearance messages via the VHF data link to scheduled flights. Formerly the only way for controllers to send clearances was by HF radio. Now, aircraft equipped with data link can receive clearances on a cockpit printer, enhancing flight safety by reducing the possibility of errors inherent in voice exchanges. For now, crews must request data link clearances and read them back on HF radio, but in the future the functions will be automatic by the data link system. Sita said the trials are part of its commitment to assist airlines and civil aviation authorities with the introduction of IATA's CNS/ATM concept. Similar programs are operating in Atlantic airspace controlled by the British & Icelandic authorities. In the future, it is envisaged that Sita's VHF Aircom will be used for pre-departure clearances, automatic terminal information service and weather reports.

Thanks for the update Tim. This system sounds a lot like the ACARS VHF system used by Arinc, which is for the same purpose. Those of you that regularly monitor aero traffic of all types, Universal Radio has the M-400 out now which can decode ACARS data. Remember this is all on VHF and the end result will be less HF traffic.

Navy MARS Update

NNNOCLN is USS Conserver (ARS-39) FPO AP 96662-3202, NNNOCUY is USS Cayuga (LST-1186) FPO AP 98666-1908, and NNNOCWK is USS Comstick (LSD-45) FPO AP 96662-1733. All of these had been listed as decommissioned ships.

Questions Answered

Mike Hardester (NC) wrote concerning the closing of the USCG Loran Stations (Nov. 1993 Utility Notes). Having joined the Navy in 1972, Mike recalls seeing logs of the Loran nets in early Speedx columns. Turns out Mike was able to actually go to LorSta Gesashi, and ended up his career stationed on Iwo Jima. Mike reports the tower at Iwo Jima being 1,350 feet. For those who may read this and are still on active duty, Mike encourages them to utilize every opportunity for visiting such historical sites. Iwo Jima, like many others, are not readily accessible by non-military personnel.

But his question is one often asked; "where do you find sources of addresses for ships?" This is a tough one, merchant ships change agents, companies and/or names like most people change socks. Military ships can be a little easier, let's start with them. For the U.S. Navy, go to your local Post Office and purchase Publication 65, National Five-Digit ZIP Code and Post Office Directory. Cost is US\$15.00. Section 12 in volume 2 contains addresses for U.S. military bases and the FPO's for Navy ships. If the ship is too new and not listed, send your letter in care of the Department of the Navy, Washington D.C., with a request on the envelope to "please forward".

For ships of the Royal Navy, there is only one address: BFPO Ships, London, England.

In Canada, there are two addresses, depending on where the ship is homeported; east or west coast. For those on the east coast, its FMO Halifax, NS, B3K 2X0 and the west coast is FMO Victoria, BC, V0S 1B0. So, for example, if the ship is in communications with Halifax, that's where she will be homeported, and the same if its Vancouver Military on the west coast.

Now for the merchants. To obtain a current year guide, be prepared to spend a good chunk of change. Most of the big names cost well over US\$200.00. But, you can obtain a slightly out-dated edition through many specialty book sellers. I know Jim Navary was lucky enough to snap up the prior years

edition of Fairplays for under US\$45.00, a savings of well over US\$100.00!

Besides Fairplays and Janes, there are a couple other titles that list this type of information. Next month we will list addresses for some of the major fleets compliments of Jim Navary.

That's it for this month folks. I'll be seeing some of you at the Winter SWL Festival in Kulpville in March, so look me up. DE RD

SPEEDX members had this information over two months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

Trash & Treasure: Information on on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson.

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Bob Colyard

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhover

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utililty DX loggings, frequency lists and schedules, edited by Mike Wolfson

UTILITY NOTES: News and information on the world of utilities, edited by Rick Baker

SPEEDX AWARDS: A wide variety of awards are available for members DX'ing accomplishments, Harold Woering, Awards Chairman

....and more!

If you would like to learn more about the SPEEDX radio club, (the Society to Preserve the Engrossing Enjoyment of DX'ing), a non-profit volunteer hobby organization founded in 1971, please write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196, DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00

Central/South America, Caribbean (airmail) 29.00
Europe (AO Airmail) 33.00
Africa/CIS/Asia/Oceania (AO Airmail) 37.00
Outside North America (Surface Mail) 23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

--

Rick Baker (ae...@yfn.ysu.edu)

Recorded live and direct from downtown Austintown, Ohio

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 3, No. 7 June, 1994 =====
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Edited by Richard Baker

Note: This Electronic Edition is from the March 1994 SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091. SPEEDX utility coverage consists of two columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike.

UTILITY NOTES: Edited by Richard "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself.

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UTILITIES

Ute Logs and Frequency Information
Mike Wolfson, Editor
1842 Mifflin Ave
Ashland, Ohio 44805

I'm going to be doing things a little different this month. I've got some really interesting frequency lists and info so the loggings will not take up as much room as normal. Refer to the last couple of pages for that information.

AERO

- 2899 Gander Radio: Canada 0707 1/21 USB (wkg u/id A/C w/position rpt) (Baker, Oh)
3485 NEW YORK RADIO: 1010 1/10 USB (wx for Eastern US airports) (Johnson, Il)
3810 HD210A: Guayaquil Ecuador 0349 12/25 AM (weak, ham QRM) (Lukas, NY)
5505 SHANNON VOLMET:UK 0417 12/26 USB 343 (wx for European cities) (D'Angelo, Pa)
5535 SPEEDBIRD LONDON: 0320 1/26 USB (wkg SPEEDBIRD 92, 216) (Navary, Va)
5541 STOCKHOLM LDOC: Sweden 0622 1/4 USB (wkg DELTA 24, 73, 57 w/position rpts) (Baker, Oh)
5550 NEW YORK ARINC: US 0537 1/26 USB (wkg UPS 780 Heavy w/position rpt SELCAL CEFQ) (Baker, Oh)
5692 DETROIT AIR: 1511 1/30 USB (wkg A/C 6584) (Navary, Va)
5696 USCG 2113: 1610 1/7 USB (w/pp to San Juan Puerto Rico and Washington DC w/Frederico Pena and EPA Director Browner on A/C in response to oil spill, QSY to 8984 then 8980) (Braun, Va) (a VERY interesting catch Tim-MW); USCG 6013: 0229 1/20 USB (clg CAMPAC San Francisco w/ops msg) (Johnson, Il); NMN: USCG

Portsmouth Va 1931 1/2 USB 444 (wkg RESCUE 2114) (Wolfson, Oh)
5718 VANCOUVER MILITARY: Canada 0523 1/2 USB (wkg RESCUE 457 re/
vessel on fire, possible people in water, same night as Marika
7 SAR began) (Navary, Va)
6637 HOUSTON ARINC: Tx US 0642 1/4 USB (wkg BLAZER 444 w/flt info,
pp) (Baker, Oh)
6640 CONNIE KHALITTA 815: 0310 1/23 USB (wkg New York, departed San
Juan for Miami) (Braun, Va)
6683 SAM 682: 1338 1/14 USB (wkg CROWN ROYAL, attempted satcom, tx
broken/unreadable) (Navary, Va)
6693 RESCUE 102: 0320 1/3 USB (2nd night of Marika 7 rescue, ELT
signal received, empty raft found, could not be retrieved due to
heavy seas) (Navary, Va)
6750 FOX TANGO: Fox Tango Net US Navy 0321 1/12 USB (w/INDIA, QUEBEC,
WHISKEY tracking u/id vessel) (Baker, Oh)
6812 AF 2: Air Force 2 1951 1/10 USB (wkg ANDY w/signal chk, on deck
time) (Baker, Oh)
8984 NMN: USCG Portsmouth Va 2025 1/2 USB 444 (wkg CG 1711 w/position
rpt, on scene of adrift fishing vessel FIRST COAST ONE)
(Wolfson, Oh)
9006 CHR: Trenton Military Ontario Canada 0550 1/5 USB (wkg CANFORCE
2405 w/position) (Baker, Oh)
11176 BAT 93: 0139 1/19 USB (wkg MacDill AFB w/ops) (Johnson, Il)
11214 CHR: Trenton Military Ontario Canada 1750 1/3 USB (wkg RAZOR, pp
to OFFUTT meteo) (Baker, Oh)
11226 LIVE WIRE: 2026 1/4 USB (clg TOPSPOT, securing terminal, clg
WAR46-Ft Richie Md, no joy) (Baker, Oh)
11243 OFFUTT GHFS: Ne US 0449 1/12 USB (wkg KING 55 w/pp re/ETA)
(Baker, Oh)
11387 SYDNEY VOLMET: Australia 0831 1/1 USB (aviation wx) (Navary, Va)
13210 MACDILL GHFS: USAF 1903 1/18 USB (wkg DURATION w/HF data, clg
OUTPLAY) (Baker, Oh)
13330 HOUSTON RADIO: Tx US 2158 1/2 USB (wkg AMTRAN 390, EMORY 9272,
AMERICAN 158, AIR CANADA 070) (Navary, Va)
15015 ANDREWS AFB: US 1657 1/20 (clg for radio chk, Lajes responds)
(Johnson, Il)
15048.1 NO ID: 1612 2/1 USB (various c/s: WORSHIP, BANGER, WRINKLE,
NOSEBAG, RECALL, sounded like wargames, moving vehicles,
targets, etc, any ideas ??) (Johnson, Il)
17975 GOFER 12: 1746 1/15 USB (wkg OFFUTT w/pp for Minneapolis wx)
(Navary, Va)
17995 CHR: Trenton Military Ontario Canada 1955 1/17 USB (wkg CANFORCE
7312 enroute to Winnipeg for tfc and SELCAL chk (ASCP)) (Baker,
Oh) CW

3337 HEP: INTERPOL Zurich Switzerland 0410 1/23 fair/good (marker,
ID) (Hardester, NC)
4910.8 KWS78: Athens Radio Greece 0358 1/12 (ID) (Lukas, NY)
5870 NMN: USCG COMMSTA Portsmouth Va US 0152 1/29 good (sked, code
drill, IDs) (Thompson, Ca)
6395 TBA3: Izmir Naval Turkey 0145 1/4 (ID) (Clar, NY)
8147 OVG: Fredrikshavn Naval Denmark 2043 1/22 (marker, ID) (Clar,
NY)
8418.9 IAR: Rome Radio Italy 2028 12/25 (ID) (Lukas, NY)
8428 NMN: USCG COMMSTA Portsmouth Va US 0433 12/25 (ID) (Lukas, NY)
8434.9 LPD: Gen Pacheco Radio Buenos Aires Argentina 0415 12/25 (ID)
(Lukas, NY)

8440 VCS: Canadian Coast Guard Halifax Nova Scotia 2228 1/2 (ID)
(Wolfson, Oh)

8502 PPL: Belem Radio Brazil 0416 12/25 (ID) (Lukas, NY)

8536 SVF4: Athens Radio Greece 0132 1/10 (ID) (Clar, NY)

8552 CTP: Oeiras Naval Portugal 2032 12/29 (marker) (Clar, NY)

8580 UQA4: Kiev Radio Ukraine 2356 12/29 (clg 4LS, ID, QSX 12476,
8374) (Clar, NY)

8604 ZRH: Cape Fisantekraal Naval South Africa 2041 12/29 (marker)
(Clar, NY)

8605 ZRO: Cape Simonstown Naval South Africa 0138 1/4 (marker) (Clar,
NY)

8606 ZRQ2,4: Cape Simonstown Naval South Africa 0419 12/25 (ID)
(Lukas, NY)

10046 4XZ: Haifa Naval Israel 0120 1/11 (marker) (Clar, NY)

12797 UDK2: Murmansk Radio Russia 2032 1/20 (ID, tfc for 4LS) (Clar,
NY)

12855 UBF2: St Petersburg Radio Russia 1501 12/30 (4LT3 de UBF2)
(Clar, NY)

12916.5 OXZ6: Lyngby Radio Denmark 1757 1/23 (ID) (Lukas, NY)

13054 JDC: Chosi Radio Japan 0139 1/18 (marker) (Clar, NY)

13075.7 HZG: Dammam Radio Saudi Arabia 1344 12/30 (ID) (Clar, NY)

16976.7 NMN: USCG COMMSTA Portsmouth Va US 2145 1/3 (ID) (Lukas, NY)

17045.6 LPD25: Gen Pacheco Radio Buenos Aires Argentina 2043 1/9 poor
(marker) (Thompson, Ca)

17178.2 DAL: Norddeich Radio Germany 1608 12/30 (ID) (Lukas, NY)

17187.7 OST62: Ostend Radio Belgium 1740 1/19 (ID) (Lukas, NY)

19686.3 WLO: Mobile Radio Al US 1708 1/10 (ID) (Lukas, NY)

19693.8 URD: St Petersburg Radio Russia 1408 1/4 (ID) (Lukas, NY)

19698.8 OST: Ostend Radio Belgium 1815 1/10 (ID) (Lukas, NY)

22448.7 GKB: Portishead Radio UK 1633 1/8 (marker) (Ward, Ca)

22548 TAH: Istanbul Radio Turkey 1446 12/30 (ID) (Clar, NY)

22575.5 PKX: Jakarta Indonesia 0144 1/12 (marker) (Ward, Ca)

22606.5 JFH: Hamajima Gyogya Radio Japan 0335 1/28 (Ward, Ca)

22630.5 IAR: Rome Radio Italy 1557 1/30 (marker) (Ward, Ca)

22634 IAR: Rome Radio Italy 1600 1/30 (marker) (Ward, Ca)

22655 OST: Ostend Radio Belgium 1604 1/30 (marker) (Ward, Ca)

22682 PCH70: Scheveningen Radio Netherlands 1631 1/29 (marker) (Ward,
Ca)

28244 WA6APQ/BCN: 1750 1/22 252 (ID) (Hardester, NC) (can anyone
supply an address for this station ???)

MARINE

2103.5 CGJV: CCGS Edward Cornwallis 0629 1/28 USB (wkg Sydney for wx,
QTH County Harbor) (Baker, Oh)

2142 VC8137: Tug Irving Miami 2353 1/16 USB (2142/2538 wkg Yarmouth
CG radio w/ETA at St. Johns) (Navary, Va)

2182 HALIFAX CG RADIO: Canada 0240 1/2 USB (MAYDAY relay, vessel
Marika 7 down at 46 53 N 03 31 W, request all vessels in area to
assist in SAR) (Navary, Va)

2598 STEPHENVILLE CG RADIO: Canada 0517 1/12 USB (b/c MAYDAY relay
re/downed a/c) (Navary, Va)

3253 NICB: USCGC Forward 0023 1/23 USB (wkg Woods Hole Group re/F/V
Tropical) (Navary, Va)

4071 GBRP: M/V Royal princess 0304 1/7 USB (R/T tfc via WOM) (Navary,
Va)

4090 PAPA: 0315 1/25 USB (wkg FOXTROT HOTEL re PROUD WARRIER 403,

Haiti freq) (Braun, Va); FOXEY: 1150 1/25 USB (w/relay to FOXTROT MIKE re intercept of 2 ships, INDIA w/rpt of another stopped ship, Haiti ops) (Braun, va)

4098 ICIC: Costa Classica 0403 1/7 USB (wkg WOM) (Navary, Va)

4125 ZBM: Bermuda Harbor Radio 0650 1/29 USB (wkg vessel SQEB w/attempt to help crewman w/chest pains, USAF parajumpers ruled out because of sea conditions, attempting helo pickup) (Baker, Oh)

4134 NJXT: USCGC Point Arena 0042 1/26 USB (wkg Portsmouth) (Navary, Va)

4373.5 TEASER: 1753 1/28 USB (clg V2G w/radio chk) (Braun, Va)

4405 WOM: Pennsuco Radio FI US 0425 12/26 USB 454 (wkg various vessels) (D'Angelo, Pa)

4478 NICB: USCGC Forward 0020 1/23 USB (wkg Woods Hole Group simplex, QSY 3 megs) (Navary, Va)

6200 NAFO: USCGC Cowslip (WLB-277) 1830 1/12 USB (wkg COMMSTA Portsmouth w/pp) (Baker, Oh)

6224 M/V SOUTHBOUND II: 2320 1/17 USB (wkg various vessels w/Caribbean wx) (Braun, Va) NMR: San Juan Puerto Rico 1/2 2150 USB 444 (wkg TROPIC BRILLIANCE for relay from FIRST COAST ONE, QSY to 2670) (Wolfson, Oh)

6225 WILLIE MACK: 1415 1/17 USB (w/ops rpt to u/id base) (Johnson, Il)

8119 LNVP3: Song of Norway 0303 1/30 USB (Wkg Majesty of the Sea w/informal chat between crew members, possible co. freq for Royal Caribbean Cruise Line) (Navary, Va)

8122 DARWIN CONTROL: Australia ? 1204 1/26 USB (wkg HMAS TOOWOOMBA, call in clear, msg scrambled) (Braun, Va)

8207 C6BT4: Elaine I 2230 1/30 USB (wkg Cape Town Radio w/R/T tfc) Navary, Va)

8234 C6CP: Viking Serenade 0405 1/12 USB (wkg WOM) (Navary, Va)

8240 V2JP: M/V Sven Oltmann 0440 1/18 USB (wkg NMN w/pp to Miami re/vessel Hypocrite taking on water, in Cuban waters, USCG help not possible, Hypocrite refuses to issue MAYDAY for Cuban response) (Navary, Va)

8267 ELNC5: M/S Ecstasy 1853 1/27 USB (wkg WOM w/R/T tfc) (Baker, Oh)

8279 DTUV: NO ID 0712 1/20 USB (clg Sydney Radio, no joy) (Baker, Oh)

8285 LAMU4: Monarch of the Seas 0138 1/5 USB (8809/8285, wkg WOM w/R/T tfc) (Baker, Oh)

8297 WTP8457: Tug American Patriot 0325 1/25 USB (wkg Tug American Eagle) (Braun, Va)

8737 5BA: Cyprus Radio 2235 1/11 USB (freq list) (Navary, Va)

12230 LAPJ3: M/S Nordic Prince 2304 1/8 USB (wkg KMI w/R/T tfc) (Navary, Va)

12263 M/V ITALIAN EMPRESS: 1726 1/1 USB (wkg WLO w/R/T tfc) (Navary, Va)

13089 NRPZ: USCGC Papaw 2033 1/23 USB (clg COMMSTA New Orleans, no joy) (Navary, Va)

19733 WLO: Mobile Radio AI US 1804 1/4 USB (Caribbean wx) (Lukas, NY)

PHONE

2670 GLD: Lands End Radio UK 0635 1/21 USB (w/security ann, wx, 5 minutes of steady beep proceeded b/c) (Baker, Oh)

2716 AUTECS OPS: Atlantic Underwater Test Evaluation Center 0804 1/27 USB (wkg u/id vessel w/position rpt) (Baker, Oh)

4485 CIVIL AIR PATROL: Virginia Wing US 2340 1/27 USB 353 (Blue Flt

235 w/tfc, net control Blue Flt 4) (D'Angelo, Pa)
4593.5 AFA1NY: USAF MARS 0017 1/31 USB 444 (in net w/various stns, RTTY QRM) (Wolfson, Oh)
5320 USCG DETROIT MI: US 1520 1/7 USB (clg USCG 6590, no joy) (Braun, Va)
5369 HORIZON BASE: Cuba 0020 1/8 USB (wkg PARAGIN ?? w/talk of supplies, cab charges) (Braun, Va)
6840 NO ID: 0238 1/12 AM (SS numbers, letters stn) (Bellovich, Fl)
7445 KPA2: 0219 1/11 AM (woman repeating KPA2) (Bellovich, Fl)
7470.5 NO ID: 1407 1/30 AM 433 (woman w/EE numbers) (Wolfson, Oh)
7535 NKID: USS Kidd 1725 1/24 USB (wkg Norfolk SESEF) (Navary, Va)
8094 NO ID: 1230 1/22 USB (2 men in SS, woman comes on and tells them to clear freq., men stay on freq until woman QRMs them with SELCAL tone, later they are back on) (Braun, Va)
8095 NO ID: 0400 1/14 USB (man talking) (Braun, Va)
8135 NO ID: 0412 12/25 AM (ss numbers stn) (Lukas, NY)
13927 AFA2XZ: USAF MARS 2211 1/30 USB 444 (pp tfc w/GHOST 51, SHARK 20, REACH 8708) (Wolfson, Oh)
14391.5 NNN0CVG: USS Dwight D. Eisenhower (CVN-69) 2301 1/25 USB fair (wkg NNN0UTO-Republic Wa) (Thompson, Ca)
14441.5 NNN0CZO: USS Stephen W. Groves 1405 1/1 USB (clg any stateside MARS stn w/pp) (Braun, Va)
15000 WWVH: Honolulu Hi US 0000 1/1 343 (woman w/Aloha, time) (Newbury, Ne)
18018 RAF AKROTIRI: Cyprus 1215 USB (wx) (Hall, SA)

RTTY/FAX

3227.57 KAWN: USAF HFRB Elk Horn Ne US 0003 1/3 USB 444 (coded wx) (Wolfson, Oh)
3231 AFS: USAF HFRB Elk Horn Ne US 0008 1/31 FAX USB 444 (polar projection wx chart) (Wolfson, Oh)
4776.5 IMBSI: Rome Italy 0115 FAX (wx map) (Babin, Ma)
6329.6 WOO: Oceangate NJ US 2231 1/15 SITOR B 444 (wx forecast) (Wolfson, Oh)
6357.56 NO ID: 2305 1/9 875/96 444 (coded tfc) (Wolfson, Oh)
6496.9 CFH: Canadian Coast Guard Halifax Nova Scotia 2244 1/9 800/75 444 (wx) (Wolfson, Oh)
7213 TJK: Douala Cameroon 2315 1/15 ARQ M2 375/96 (coded aero wx from FZAA) (Wielgos, In)
7319.4 SUU: Cairo Meteo Egypt 0335 850/75N (coded wx) (Hall, SA)
7524 TYE: Cotonou Benin 0035 1/19 ARQ M2 425/96 (coded aero wx) (Wielgos, In)
7625.3 HZN47: Jeddah Meteo Saudi Arabia 0400 804/100N (coded wx) (Hall, SA)
7643.7 RFQP: Jibouti Djibouti 0135 1/8 ARQ E3 425/100 (controle de voie) (Wielgos, In)
7763.4 3BZ: Plaisance Air Mauritania 0410 ARQ E3 418/48 (idling) (Hall, SA)
7895.65 RFFI: Le Port Reunion 0330 1/24 ARQ E3 425/100 (5 ltr grps w/RFFI Paris) (Wielgos, In)
7912.6 9JZ: Lusaka Air Zambia 0408 867/50R (wx rpts) (Hall, SA)
8105.1 RFFXC: Versailles France 0305 1/8 ARQ E 425/72 (ID) (Wielgos, In)
8123 TNL48: Brazzaville Congo 0010 1/19 ARQ M2 425/96 (coded aero wx) (Wielgos, In)
8164.75 5YD: Nairobi Air Kenya 2300 1/8 425/50 (IDs, RYs) (Wielgos, In)

8397 M/V BELGORDA: 2351 1/6 SITOR B (EE msgs to Radio Riga Technician Supt. Piskunov, strange: Latvian ship w/EE msg to Latvia in SITOR B rather than ARQ) (Navary, Va)

8425.5 WNU: Slidell Radio La US 0529 1/25 (SITOR (ID) (Ward, Ca)

8429.14 WLO: Mobile Radio Al US 2242 1/15 SITOR A 444 (ID) (Wolfson, Oh)

8509 RFFX: Versailles France 2035 1/11 ARQ E 425/72 (non protege msgs) (Wielgos, In)

9287.5 TLO: Bangui Central African Republic 2145 1/8 ARQ E3 425/48 (aero wx) (Wielgos, In)

10215.1 HZN48: Jeddah Meteo Saudi Arabia 0426 798/100N (coded wx) (Hall, SA)

10407.2 6VU: ASECNA Dakar Senegal 0431 404/50R (RYs, ID + "TESTING") (Hall, SA)

11120 AFS: USAF HFRB Elk Horn Ne US 2305 1/30 FAX USB 444 (FAX wx chart) (Wolfson, Oh); AFS: USAF HFRB Elk Horn Ne US 2312 1/30 850/75R LSB 444 (coded wx) (Wolfson, Oh)

11476 KCNA: Pyongyang North Korea 0000 FAX (press pix) (Babin, Ma)

12120.3 SUNA KHARTOUM: Sudan 1611 207/50 (EE nx, not listed) (Hall, SA)

12165 RKB78: Moscow Meteo Russia 1614 FAX 576/60 (wx chart- on 12163.2 USB) (Hall, SA)

13536.2 ZRO3: Pretoria Meteo South Africa 0810 FAX (new type ice chart -excellent) (Hall, SA)

13848.2 ZAIRE BANK CIRCUIT: 0740 174/50R (FF tfc) (Hall, SA)

13925 IFRC NIAMEY: Chad 0950 SITOR A (FF tfc w/IFRC Freetown) (Hall, SA)

14356 GFA: RAF Bracknell UK 1724 1/15 425/50R (coded wx) (Wielgos, In)

14718.3 RFHI: French Forces Noumea New Caledonia 1715 1/6 ARQ E3 425/100 (controle de voie) (Wielgos, In)

14801.7 RFVI: Le Port Reunion 2130 1/11 ARQ E3 425/100 (controle de voie) (Wielgos, In)

14989.1 TNL: ASECNA Brazzaville Congo 1142 ARQ M2 398/96 (wx, JOYEUX NOEL) (Hall, SA)

16119.7 NO ID: 1116 SITOR A (AA tfc, 5 ltr groups, not listed) (Hall, SA)

16824.1 ZSZW: SA Helderberg (Bob's favorite) 1515 SITOR A (wkg SA Sederberg via Portisa) (Hall, SA)

16833.1 WNU: Slidell Radio La US 2302 1/15 SITOR 444 (ID) (Wolfson, Oh)

17139.2 9JKBU: NO ID 1132 853/100R (crypto tfc) (Hall, SA)

17452.8 NO ID: 1147 170/50R (M7000 can not decode) (Hall, SA)

18030.1 RFFXI: FM COMELEF Bangui Central African Republic 1430 ARQ E 399/72 (wkg RFFWER/DIONZE Toulouse) (Hall, SA)

18561.1 9BC31: IRNA Teheran Iran 1127 534/50R (AA nx) (Hall, SA)

19171 CNM85X11: MAP Rabat Morocco 1515 1/20 425/50 (FF nx) (Wielgos, In)

19860.4 MTO: Royal Navy London UK 1046 843/75R (NB RN Rosyth closed down) (Hall, SA)

20085 ISX20: ANSA Rome Italy 1620 1/20 425/50 (FF nx) (Wielgos, In)

20204.3 YZJ: TANJUNG Belgrade Yugoslavia 1159 398/50 (RY, ID) (Hall, SA)

21862 NO ID: 1232 207/75 (good tune, crypto, signed-SNG) (Hall, SA)

22353.6 EOPA: SOVSHIP TR Lazurnij Bereg 1159 170/50N (wkg K'grad) (Hall, SA)

22356.6 UYDV: SOVSHIP RKTS More Sodruvestna 0922 170/50N (wkg Sevastopol) (Hall, SA)

22371.5 UJCF: SOVSHIP Mamyev Kurgan 1521 170/50N (wkg K'grad) (Hall, SA)

22377 GKE7: Portishead Radio UK 1601 1/8 SITOR (ID) (Ward, Ca)

22378.1 LSD836: 1624 1/8 SITOR (ID) (Ward, Ca)

22387.6 SVA: Athens Radio Greece 1025 SITOR B (tfc list) (Hall, SA)

22391 DAN: Norddeich Radio Germany 1630 1/30 (ID) (Ward, Ca)
22394 OXZ: Lyngby Radio Denmark 1611 1/8 (ID) (Ward, Ca)
22401 HEC: Berne Radio Switzerland 1618 1/8 SITOR (ID) (Ward, Ca)
22443 OST: Ostend Radio Belgium 1630 1/8 SITOR (marker) (Ward, Ca)
22905.6 DMK: MFA Bonn Germany 1152 ARQ E 162/96 (wkg German Embassy
Harare Zimbabwe) (Hall, SA)

Tim Braun writes that primary Haiti Ops frequency has evidently shifted from 4088.5 to 4090.

NMF USCG COMMSTA Boston has a new FAX operation. The station started on 1/31 with the following sked: 3242.5- 0305, 0700, 0905 and 7530-1730, 1835, 2015. I monitored the station on 2/5 and the 1730 b/c didn't start until 1750, so I don't know how close they are following the schedule. The broadcasts that I listened to involved several different charts being sent one after the other. After the series was sent, the station went down.

With his logs, Bob Hall sent some comments he had prepared about the JVFAX software. As he describes it, the program allows someone with a PC and a good HF receiver to receive weather fax charts. He did a comparison with an M7000 and felt the JVFAX program provided better output to a CRT than the M7000. Unfortunately no address or phone number was included.

From the ANARC BBS, 1-913-345-1978, I downloaded the following information about the Australian Air Force. Maybe some of you guys will get lucky on this one. Remember your friendly UTE editors if you do !!!!

Date:01-27-94 20:04 (Public) From: MITCHELL PRAX Subject: RAAF

.....
The Australian Air Force has three Falcon 900's (Biz-Jets) for VIP transport-duties. Selcals of the aircraft are:

A26-070 LP-DJ
A26-073 LP-DK
A26-074 LP-DM
A26-076 LP-EF

These aircraft have a big range, so they can probably be heard on the HF-freq's. in the far-east and Australia. In the Short Wave Magazine I found some actual frequencies of the Australian AF. Primary frequency 8976 MHz. (Can be heard in the morning in Europe) Other freqs.: 3032, 8688 and 11237 MHz. The groundstations are: Sydney, Perth, Townsville and Tawing.

G'day Hans, O.K. Here goes :-

R.A.A.F

Sydney - Airforce Sydney
Townsville - Airforce Townsville
Darwin - Airforce Darwin
Perth - Airforce Perth

GPN (General purpose net) Frequencies

DAY (2100z-0900z)	NIGHT (0900z-2100z)
8976	3032
11236	5688
13207	8976

Australian Flight Information H.F. Communications

North Western 3461 6604 8900
North Central 3452 6541 8843
North Eastern 3452 6616 8891
Central Eastern 3452 6610 8831
South Western 3461 4684 6565 8822
South Central 3461 4693 6580 8858
South Eastern 2869 4678 5526 8876

If you require more information, let me know....

-*- mitchell -*-

Date: 01-27-94 20:05 (Public) From: MIT

REGO	AIRCRAFT	SELLCALL	AIRLINE	NOTES
A20\261	707	CFEK	RAAF	TANKER\TRANSPORT
A20\623	707	GLAK	RAAF	TANKER\TRANSPORT
A20\624	707	FJEL	RAAF	TANKER\TRANSPORT
A20\627	707	FJEM	RAAF	TANKER\TRANSPORT
A20\629	707	GLAJ	RAAF	TANKER\TRANSPORT
A26\077	FALCON 900	LPEG	RAAF	VIP TRANSPORT
A26\070	FALCON 900	LPDJ	RAAF	VIP TRANSPORT
A26\073	FALCON 900	LPDK	RAAF	VIP TRANSPORT
A26\074	FALCON 900	LPDM	RAAF	VIP TRANSPORT
A26\076	FALCON 900	LPEF	RAAF	VIP TRANSPORT

G'day Hans, Here is a few more selcal codes for your list.

... DX-ing From Down Under

--- Blue Wave/Opus v2.05 [NR]

* Origin: Spectrum Radio - Melbourne's All Band Radio BBS (3:632/393.0)

I also ran across the following message with some new information about the Haiti blockade posted by Speedxer Tom McKee. Refer to the loggings section for some traffic on the operation itself.

Date: 02-08-94 07:21 (Public) From: TOM MCKEE Subject: HAITI BLOCKADE

.....
Here is the list of freqs. I have collected for the Haitian blockade.

3037, 3130, 4088.5, 4090, 4160, 4160.5, 4372, 5223, 5399, 5400, 5403, 6236, 6686, 6735, 6750, 6815.5, 7626, 7741, 8972, 9023, 9690, 11022, 11191, 11214, & 13209.

Some of these are standard military frequencies and Haitian ops. on them seems to be on-occasion rather than as a normal thing. For concentrated activity of this type I have had the best luck with 3037, 4088.5/4090, around 5400, 7741, and 11022. Additions, comments, etc. solicited.

Tom, K4ZAD, Cary, NC

I'd like to take this opportunity to thank everyone for the support. As always, I had more reports than I could run. I usually limit the number of reports from one person to between 30 and 40. For

those of you who think that's a lot, I regularly get files of about 20 pages from Rick Baker. I enjoy getting ALL the logs, notes and information. I just don't have enough space to run everything. If there are loggings that you think are particularly interesting or important, highlight or emphasize them so that I will be sure to include them.

Hope to be seeing some of you in Kulpsville. Yeah, I know I haven't talked about much else for the last 6 months, but then this will be the 5th time I've gone. You know the one about the kid in the candy store?? CUN30. 73.

\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ UTILITY NOTES //////////////////////////////////////////////////

News and Information from the World of Utilities

Richard "RD" Baker, Editor
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Mike Hardester (NC) checks in this month with some great information on a Norwegian beacon station, LN2A. Mike says he enjoys tracking these types of stations down as they are "more difficult unusual and challenging". Well, I'll bet that was the case here!

Mike sent along a copy of his QSL letter and here is the information on LN2A: LN2A is the Norwegian radio beacon specially made for the HF field measurement campaign organized by the Radio Study Group 6 of the International Telecommunications Union (ITU). The beacon is located in Sveio, Norway, with a 1 kw output using a five band trap vertical antenna. The transmission mode is USN with AFSK modulation. The aim of the campaign is to collect data for a new database to be used to improve ITU-RSG prediction method for HF propagation. LN2A is the Norwegian contribution, and is operated by Norwegian Telecommunication Regulatory Authority and Norwegian Telecom Ltd. The beacon has been on the air since 1992 and there are several automatic receiving stations around the world monitoring the station. The transmitted signal is coded so that they are able to measure important propagation parameters like field strength, S/N ratio, etc.

The letter further states they will soon have a QSL card to send for correct reception reports. The address is Norwegian Telecommunications Authority, Parkveien 57, P.O. Box 2592 Solli, N-0203 Oslo, Norway.

Here are transmission schedules with times and frequencies:

MINUTES	00-04	04-08	08-12	12-16	16-20
PAST UT	20-24	24-28	28-32	32-36	36-40
HOURS	40-44	44-48	48-52	52-56	56-00
FREQUENCY	5470.0 khz	7870.0 khz	10407.0 khz	14405.0 khz	20945.0 khz

The transmissions commence on UT hours and +20, +40 minutes past the hour, 24 hours a day. A 12 second cycle, including CW callsign, is repeated for four minutes for each of the five frequencies.

MILITARY

U.S. Navy

~ A QSL veri letter from the USS Pargo (SSN-650) indicates this Sturgen-class Attack sub is scheduled for decommissioning this

September. Pargo was commissioned January 5, 1968; displaces 5,284 tons, and is 292 feet long. Pargo had just completed the first purely scientific mission to the North Pole and holds the current record for most surfacing's through the ice on a polar mission.

Navy MARS Update

A major revision was undertaken of the Navy Mars (NAVMARCORMARS) MDS system. Effective March 01, 1994 at 0001Z, the structure of the Mars Data System (MDS) will be comprised of three levels: Off-CONUS, CONUS, and Region.

The Off-CONUS level is to interface to ships providing collection and distribution of traffic. This level interfaces only to the CONUS level on CONUS level frequencies forwarding all traffic received and collecting any traffic for the ships. New Off-CONUS assignments are:

STATION(NNNO)	MDS SELCAL	ASSIGNED FREQUENCY(OFFSET)
MBA	NMDK	19918.5
AZT	NMDN	19671.5
ASL	NMDN	19646.5
NCG	NMDE	18900.0
GKE	NMDJ	16174.5(1.2)
NHA	NMDD	16174.5(3.2)
EYD	NMDI	14935.5(3.2)
NUW	NMDL	14935.5(3.2)
FLH	NMDC	14935.5(1.2)
NIK	NMDC	14935.5(1.2)
GHB	NMDB	14761.5(1.2)
GKF	NMDA	14761.5(1.2)
MOC	NMOC	14470.0
NAV	NMDF	10259.5

The CONUS level function is to provide central collection and distribution for the Off-CONUS and Region levels. The CONUS level stations operate on two frequency groups; one for collection/ distribution of traffic to Off-CONUS level stations and another for collection/distribution of traffic to Region level stations. This level interfaces to the other levels as follows: Off-CONUS to CONUS interface:

STATION(NNNO)	MDS SELCAL	ASSIGNED FREQUENCY
JBG	NMDX	14760.0
ZLS	NMDR	11070.0
BSP	NMDT	9052.0

Alternate frequency, if needed at night is 5159.5. This frequency is shared with a region that is on 5160.0. The mode initially is AMTOR but will move towards becoming PACTOR as members and software capabilities allow.

Region to CONUS level interface. There are two frequencies and modes assigned:

MODE: PACTOR

CONTROL STATIONS	MDS SELCAL	ASSIGNED FREQUENCY
JBG	NMDX	7992.5
LKL	NMVD	7992.5
ZLS	NMDR	7992.5

REGION REPRESENTATIVES:

HRC	NMDP	7992.5	REGION ONE
TLM	NMDQ	7992.5	REGION TWO
LKL	NMVD	7992.5	REGION THREE
YMN	NMDV	7992.5	REGION FOUR
TQH	NMDW	7992.5	REGION FIVE
JBG	NMDX	7992.5	REGION SEVEN

MODE: AMTOR

CONTROL STATIONS MDS SELCAL ASSIGNED FREQUENCY

GJH	NMVB	7495.0
RRM	NMDU	7495.0
ZLS	NMDR	7495.0

REGION REPRESENTATIVES:

?		7495.0	REGION ONE
ZLY	NMDR	7495.0	REGION TWO
FZQ	NMDG	7495.0	REGION THREE
EPY	NMDH	7495.1 and 4389,	FOUR
?		7495.0	REGION FIVE
GJH	NMVBH	7495.0	REGION SEVEN

Region level. The principal function of this level is to provide for distribution and collection of traffic within each region. Each region interfaces to the CONUS level on a Region-CONUS level frequency (7992.5 AND 7495.0) for the transfer of region out-bound traffic and collection of region in bound traffic. Thanks to Mr. A. Nonymous for forwarding that info.

Also, NNNOCNE, NNNOCPF, NNNOCPX, NNNOCQN, NNNOCQZ, NNNOCSL, NNNOCXY, NNNOCVF, NNNOCVX, NNNOCYR, NNNONAP, NNNONXN, and NNNONZC are all decommissioned. NNNONPH has been assigned to NCB1 DET. 9 UNIT 60395, FPO 34099-4090, a Navy SEABEE unit deploying to Saudi Arabia, Oman and Qatar in the Persian Gulf/Arabian Sea area. NNNONOI has been assigned to HSL-44 DET. RN NavSta Mayport FL 32228.

U.S. Air Force: Bayonne Revealed

Last month I spoke of the mysterious "Bayonne" being heard on U.S. Air Force GHFS frequencies for quite some time. A former Speedx member and all around "serious" military ute guy Tim Tyler has discovered who and what is "Bayonne". With his permission, here is the information he forwarded to the SWL Sig on Youngstown Freenet:

For over half a year, callsign "BAYONNE" has been heard on the U.S. military's Global High Frequency System (GHFS) -- the worldwide command control network broadcasting Emergency Action Messages and supporting U.S. & allied government/military platforms (mostly aircraft).

As a frequent monitor of the GHFS, I first heard "BAYONNE" back in July of 1993. Then I noticed that BAYONNE was frequently running routine phone-patches for aircraft, and in fact was almost trying to compete with the other GHFS stations (Andrews, Offutt, McClellan, etc.) in responding to aircraft looking for assistance.

My first bit of luck came when an aircraft requested that BAYONNE spell their callsign phonetically. Once they did, I then started to try to figure out what BAYONNE meant. I checked BAYONNE on my world atlas CD-ROM, I found that there were two hits -- a Bayonne, France, and a Bayonne, New Jersey. Checking some military telephone directories, I found that Bayonne, NJ did have some military facilities, mostly associated with the Military Traffic Management Command/Military Sealift Command. Then through some special 'sources & methods' investigating, I was able to learn that callsign BAYONNE is the global U.S. Transportation Command (TRANSCOM) HF station, operated by (civilian?) Army employees of the Military Traffic Management Command. They operate from the MTMC Emergency Communications Center.

Back in September, I sent them a reception report for hearing them run a phone patch for an aircraft. A few days later, I received a telephone call from a very surprised Station Manager at Bayonne (who

also happens to be an active SWL'er). Telling me that I was the first person to send in a reception report, and wondering how I was able to track them down.

He promised to issue me QSL #1, but first had to go through some bureaucracy with his higher-ups in getting permission to QSL, what info can be included in the QSL, etc. Unfortunately, as of 17 FEB 94 I'm still waiting, but the Station Manager is a very nice guy & I know that he's working on it, whenever he can take time from their official duties & obligations.

He advised me that BAYONNE became operational on 21 JUL 93, initially for a 60-day trial period, which was later extended, and when I last spoke with the station manager, he was in the middle of writing a very lengthy evaluation of the trial-period, with the hopes that TRANSCOM/MTMC would allow them to continue to support the Global High Frequency System on a non-interference basis to other Military Traffic Management Command Emergency Communications Center missions.

The MTMC ECC at the Military Ocean Terminal in Bayonne, New Jersey has over 5 HF transceivers active on various voice and data-mode nets (SHARES is an example of another net that BAYONNE is on -- they're the SHARES Region 1 NCS). On a routine basis, the Emergency Comms Center is staffed by two employees (including the station manager!) from 1300Z - 2100Z Monday through Friday, with every other Wednesday off. This was as of Fall of 1993, and might have changed by now.

The HF radios at the MTMC ECC are certainly frequency-agile, but I mostly hear Bayonne GHFS on 11176USB, and 11217USB, the latter of which seems to be a discrete frequency used by them.

Other than a few brief posts on some systems I've held off saying anything about them until now. This was to give them some time to formulate a policy in dealing with SWLers and providing unclassified information pertaining to their mission and operation. In a brief conversation that I had today with their station manager, I learned that he'd recently had several conversations with a hobbyist who does a column for Monitoring Times, and that there would be an article about Bayonne in an upcoming issue.

After learning that, I decided that there wasn't much of a reason for me to hold off, so there's the scoop about "BAYONNE GLOBAL!"

Thanks to Tim for letting me share his information with all of you.

MARITIME

In last month's article on CS Alert, I had mentioned Ian Baxter's assistance. Well a correction is needed, Ian is co-editor for the "Utility Shack" column of the Danish Shortwave Club International (DSWCI), not the World DX Club as stated. My "go between", Derek Cooper, a friend on the internet, belongs to World. Sorry 'bout that Ian.

More CSS's

I heard back from the Bedford Institute in Canada in regards to the CSS ships. The same day, I received my PFC and a QSL veri letter back from the CSS Hudson. Both pointed out that the "CSS" prefix can stand for either Canadian Survey or Scientific Ship, depending on the ship mission. CSS Hudson is a Scientific ship.

There are a total of seven CSS ships working out of Bedford; three of which I mentioned last month. The other four are: CSS E.E. Prince, CGDK; CSS FCG Smith, CG3006; CSS Matthew CFC5481; and CSS Navicula, CG2364.

The Bedford Institute of Oceanography is Canada's largest center for Ocean research and is owned by the Department of Fisheries and Oceans (DFO).

Due to all the late-breaking news this month, I ran out of room for the maritime addresses from Jim Navary. Next month for sure along with more Oceanographic/Research ship info. DE RD

=====

SPEEDX members had this information over two months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes, news, and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

Trash & Treasure: Information on on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson.

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Bob Colyard

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utility DX loggings, frequency lists and schedules, edited by Mike Wolfson

UTILITY NOTES: News and information on the world of utilities, edited by Rick Baker

SPEEDX AWARDS: A wide variety of awards are available for members DX'ing accomplishments, Harold Woering, Awards Chairman

....and more!

If you would like to learn more about the SPEEDX radio club, (the Society to Preserve the Engrossing Enjoyment of DX'ing), a non-profit volunteer hobby organization founded in 1971, please write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196, DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 3, No. 8 July, 1994 =====
=====

Edited by Richard Baker

Note: This Electronic Edition is from the April 1994 SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091. SPEEDX utility coverage now consists of three columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike.

UTILITY NOTES: Edited by Richard "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself.

UTILITY VERIFICATIONS: Edited by Tim Braun. "UTE" only QSL's and Verifications. QSL info. I hope to add Tim's column to the electronic edition soon.

*Please feel free to re-post this file to other boards, as long as the file remains unchanged. Permission is granted to use this information so long as SPEEDX, and World of Utilities Electronic Edition is cited as the original source. COPYRIGHT 1994, SPEEDX.

////////////////////////////////// UTILITIES \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Ute Logs and Frequency Information
Mike Wolfson, Editor
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Ashland, Ohio 44805

Due to technical difficulties, the Utilities column logs will be sent as Part 2 of the July issue in about 10 days. Sorry 'bout that, watch for Part 2.

\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ UTILITY NOTES ////////////////////////////////////
News and Information from the World of Utilities
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Well, I'm now a veteran of the Winter Fest experience. On the plus side, I was able to meet a lot of the editors, staff and members of Speedx. Don Thornton, Bob Thunberg, Eddie Janusz, Bill Westenhaver, Bob Colyard, Rick Hankison, Tim Braun and Mike Wolfson were the staff represented. Jim Navary and Lee Reynolds were ute loving members present. And I'm sure others I didn't have a chance to meet. Don Schimmel, Communications Confidential editor from Popular Communications, was also in attendance. Had some interesting stories to tell about writing his column over the years.

On the down side, the advertised "ute" session was in fact a "scanner" session (not quite the same), so there was nothing there for a die-hard ute.

So, the main ute "discussion group" ended up in the room Jim Navary and myself shared. Tim Braun overcame and improvised and decided to make a field trip to the Philadelphia Naval Yard. There however, we found out tours are only on Tuesday and Friday of each week. We were able to see a few of the ships in the basin area as we drove around. Most impressive were the USS Iowa (BB-61) and the USS Wisconsin (BB-64) tied up beside each other. Probably the only place in the world where one would see two battleships together. Also, right by the front gate is the USS Des Moines (CL-134), a heavy cruiser commissioned late in WWII. This is no small ship in itself. The USS John F. Kennedy (CV-67) was covered with scaffolding with cranes on the flight deck. JFK is in for a planned overhaul. Sad to see the lines of Knox-class frigates sitting idle but I guess (hope) the time of their need is past. I guess that I look at this as that many fewer Dx targets-hi! Anyway, on with the show.

UN Operation Sharpguard Update

Operation Sharp Guard (NATO/WEU maritime enforcement of economic sanctions against the former Yugoslavia via ships in the Adriatic Sea continues with ships and aircraft operating in CCTF 440. The following nations/ships are now involved: Canadian: HMCS Iroquois (DDH-280)-class Destroyer, Protector-class Multi-Purpose Underway Replenishment Ship HMCS Preserver (AOR-510). French Navy: FS Cassard (D-614)-class Guided Missile Destroyer, FS D'Estienne d'Orves (F-781)-class Frigate. German Navy: FGS Lutjens (D-185)-class Guided Missile Destroyer, Bremen-class Frigate FGS Augsburg (F-213). Hellenic (Greek) Navy: Frigate HS Aegeon (F-130). Italian Navy: Maestrale-class Frigate ITS Aliseo (F-574), lead ship of ITS Alpino (F-580)-class Frigate, and lead ship of ITS Lupo (F-564)-class Frigate. Royal Dutch Navy: Kortenaer-class Frigate HNLMS Van Kinsbergen (F 809), lead ship of the HNLMS Jacob Van Heemskerck (F-812)-class Guided Missile Frigate. Royal Norwegian Navy: Olso-class Frigate KNM Narvik (F-304). Portuguese Navy: Vasco da Gama-class Frigate NRP Corte Real (F-332). Spanish Navy: Baleares-class Frigate SPS Cataluna (F-73), lead ship of the SPS Santa Maria (F-81)-class Frigate. Turkish Navy: Yavuz-class Frigate TCG Turgut Reis (F-241). Royal Navy: Sheffield-class Guided Missile Destroyer HMS Birmingham (D-86). Cornwall-class Frigate HMS Chatham (F-87). U.S. Navy: Spruance-class Destroyer USS Comte De Grasse (DD 974), Leahy-class Guided Missile Cruiser USS Dale (CG-19). Not assigned but currently operating with: Ticonderoga-class Aegis Guided Missile Cruiser USS Vicksburg (CG 69).

MILITARY

U.S. Navy

~ The lead ship of the USS Supply (AOE-6)-class Fast Combat Support Ships was commissioned Feb.26, 1994. Delivery of these ships are running about a year behind.

~ The USS Saratoga (CV-60) Joint Task Group (JTG) has been on station in the Adriatic Sea. The 15 ship group will support a variety of U.S., UN and NATO missions throughout the area.

U.S. Air Force

More force structure changes. The U.S. Air Force has announced force structure changes affecting bases in 47 states to help meet fiscal 1995 budget constraints. According to a Feb. 28 news release the biggest change will be at Fairchild AFB's 92nd Bomb Wing, which will lose its remaining 12

B-52H aircraft in mid-1994. At about the same time, the wing will become the 92nd Air Refueling Wing with the arrival of 31 KC-135R/T aircraft. The new aircraft will bring the number of KC-135s at Fairchild to 60 and complete Air Mobility Command's build of one of its core KC-135 units, the release stated.

Other major changes include:

McConnell AFB, Kan: Base 27 KC-135R/T aircraft with the 22nd Air Refueling Wing this year, bringing the number of KC-135s to 48. The Air Force announced in November that it would inactivate McConnell's 384th Bomb Group this year and move the 12 B-1B bombers to other units.

Grand Forks AFB, N.D.: Transfer 22 KC-135R aircraft to the 319th Air Refueling Wing here by midyear, bringing the number of KC-135Rs to 48. The base will lose its 16 B-1B aircraft.

McGuire AFB, N.J.: Remove 18 C-141B aircraft from the 305th Air Mobility Wing, which will also affect the Reserve associate program, later this year. The action accelerates the drawdown of the aging C-141B fleet. The Air Force announced in November that it would base 24 KC-10As at McGuire. The first 10 aircraft will arrive in midyear with the remainder to be in place by 1995.

Davis-Monthan AFB, Ariz.: Transfer six EC-130E aircraft from Keesler AFB, Miss., to the 355th Wing here by midyear. The move is part of Air Combat Command's effort to consolidate EC-130s at Davis-Monthan.

McChord AFB, Wash.: Inactivate the 354th Fighter Squadron later this year and transfer the unit's 21 A/OA-10A aircraft to other units.

Langley AFB, Va.: The largest single change is the removal of 18 F-15C/D aircraft from the 1st Fighter Wing in midyear.

Grissom AFB, Ind.: Inactivate the 930th Operations Group (Reserve) and transfer the unit's 18 A/OA-10A aircraft to other units.

Mountain Home AFB, Idaho: Base six more F-15C/D aircraft later this year and six more F-15E aircraft next year with the 366th Wing.

March AFB, Calif.: End operations at the Southwest Air Defense Sector early next year and consolidate sector responsibilities at the newly established Western Air Defense Sector at McChord. The change resulted from a North American Aerospace Defense Command study.

Kirtland AFB, N.M.: Redesignate the 542nd Crew Training Wing as the 58th Special Operations Wing in April. The change is part of the Air Force's effort to preserve the heritage of its "more illustrious wings." The Air Force also announced it will not relocate the 1st Aeromedical Evacuation Squadron from Pope AFB, N.C., to Little Rock AFB, Ark., as previously announced. Air Force said the unit's training mission is more effective at Pope because of opportunities provided by the 23rd Wing and its proximity to the Army's 82nd Airborne Division.

Air Combat Command will officially name the B-2 stealth bomber "Spirit" its been announced. ACC-1, the first aircraft delivered to Whiteman AFB, Mo., in December, already bears the name "Spirit of Missouri". The second of the 20 bombers will be named the "Spirit of California" as it departs April 1 for its new home with the 509th Bomb Wing at Whiteman. As B-2s are delivered, each will be named after a state, ACC officials said.

So, will the second B-2 use ACC-2 (sounds like "ACE-2") while in flight? Planes with names like ships; I kinda like that. I can just see some great QSL possibilities there!

U.S. Coast Guard

~ The USCG will be getting some new cutters. Contracts have been awarded for construction of the Famous Buoy Tender-class seagoing buoy tenders (WLB's). The lead ship of the class will be USCGC Juniper (WLB-201). As 16 (sometimes reported as 14) are to be built, these will be WLB-201 through WLB-217. Look for the first of these cutters to delivered in late 1994.

Contracts have also been awarded for the Famous Lighthouse Tenders-class of coastal buoy tenders (WLM's). The lead cutter will be USCGC Ida Lewis (WLM-551). The contract is for 14 (WLM-551 through WLM-565). First delivery will be mid-1995. Finally, a contract has been awarded for construction of the Polar Icebreaker USCGC Healy (WAGB-20). This on again, off again cutter will be some 15,300 tons. Look for delivery to be in 1997.

~ The USCGC Alert (WMEC-630), NZVE, is under going repairs at Bethlehem Steel and will be out of action for awhile.

~ The USCGC Steadfast (WMEC-623), NSTF, which had been under modernization, has been heard a number of times last month. So she's apparently back in service.

~ U.S. Coast Guard monitors will also have noted by now the name change of CommSta Portsmouth, NMN, to CAMSLANT Chesapeake. A little background may be in order. The term "CommSta" refers to Communication Station. The Coast Guard has long designated "Master CommSta's" on each coast. They are the "senior" stations on the block for each coast. On the west coast, CAMSPAC (Communications Area Master Station Pacific) San Francisco, NMC, has long used its status title as the Master Station. Portsmouth has held the title of CAMSLANT (Communications Area Master Station Atlantic) but has continued the use of the title CommSta Portsmouth. Until now. Its unclear why the recent change finally came about. It is clear that for now NMN will be known as CAMSLANT Chesapeake.

MARITIME

As promised, here are some maritime addresses for major fleets from Jim Navary. American President Lines, 1800 Harrison St., Oakland, CA 94612. Sea-Land Service, Sea Operations Section, PO Box 800, Iselin, NJ 08830. Lykes Bros. Steamship Co. Inc, Lykes Center, 300 Poydras St., New Orleans, LA 70130. Mitsui OSK Lines Ltd, Shosen Mitsui Bldg., 1-1 Toranomom 2-chome, Minato-ku, Tokyo 100, Japan. NYK Line, NYK Building, 3-2 2-chome, Marunouchi Chiyoda Ku, PO Box 1250, Tokyo 100, Japan. The Maersk Company Ltd, 32 Harbour Exchange Square, London E14 9GE, UK. Polska Zegluga Morska, ul. Malopolska 44, 70-515 Szczecin, Poland. Stena A/B, PO Box 31300, S-400 32 Gothenburg, Sweden. Zim Israel Navigation Co Ltd, 7-9 Pal-Yam Ave., PO Box 1723, Haifa 31016, Israel.

~ The Holland-American Lines cruise ship M/S Noordam was involved in a collision back on Nov 6th, 1993. The collision took place outside the three mile limit of the Southwest Passage of the Mississippi River. The 30,000 ton Noordam was heavily damaged after being struck by the 54,158 ton M/V Mt. Ymitos.

~ The M/V Lunohods-1, a Latvian fish processing ship, sank in November after running aground in the Shetland Islands.

~ China Ocean Shipping has taken delivery of its largest vessel, the Zhen He. The vessel is 900 feet long and 105 feet wide. No weight was given.

Carrier and Window Frequencies

Some of you have written asking about "window" frequencies and carrier frequencies. It can be confusing when "window" or carrier frequencies are used for reporting. Not all radios are created equal. In SSB the easiest way to tell how accurate your "window" or displayed frequency, on your radio is, try this:

Select a popular know frequency, such as 11176.0 Khz, USAF GHFS. Tune the signal until you get good reception and clear voice. If your display reads 11175.9, for example, then your radio display is off .10 Khz. You will

need to add .10 to obtain the correct frequency heard to all your receptions. My Icom R-71A starts out cold at 11175.9, gets warm and reads 11176.0, and when on for several hours, ends up reading 11176.1 Khz. So despite the drift and the original offset, all of these "window" frequencies should be reported as 11176.0 to avoid confusion.

In multi-mode reception, "carrier frequencies" are generally used for reporting. The "window" frequency you tune to where you can receive whatever mode you are listening to is not the carrier frequency. Again, select a known frequency and mode. For an example lets use ARQ or Sitor-A. I used WLO Mobile Radio's frequencies as when a ship logs in, their system responds with "WLO" followed by the channel number, for a positive ID. So if you tune channel 1215 (12586.5) and your "window" frequency reads 12585.2, your offset is 1.3 Khz to obtain the carrier frequency. Again not all radios are equal and this is dependent on the mode selected on the radio. I found out my Icom R-71A is not the same as my R-72, so I've had to go back and correct a lot of log entries. I myself am still fairly novice to multi-mode work, so if any of you seasoned vets out there can provide any other tips, advice or plain helpful hints, feel free to jump in and let me know.

That's it for this month. If you have had a "ute" forward some news or information on their station and would like to share it with others, drop me a line.

DE RD

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SPEEDX members had this information over 2-1/2 months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes, news, and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

TRASH & TREASURE: Information on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson. (73540...@compuserve.com)

SHORTWAVE TO GO!: News and information on shortwave broadcast stations. Edited by Richard E. Hankison

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Tim J. Johnson

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhover

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utility log's, frequency lists and schedules, edited by Mike Wolfson

UTILITY NOTES: News and information on the world of utilities,

edited by Rick Baker

UTILITY VERIFICATIONS: Ute "only" QSL/verification info, edited by Tim Braun

SPEEDX AWARDS: A wide variety of awards are available for members
DX'ing accomplishments, Harold Woering, Awards
Chairman

....and more!

If you would like to learn more about the SPEEDX radio club,
(the Society to Preserve the Engrossing Enjoyment of DX'ing), a
Non-Profit ALL Volunteer hobby organization founded in 1971, please
write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196,
DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the
Electronic Edition!

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===== SPEEDX's World of Utilities Electronic Edition =====
===== Specializing in Utility Signals =====
===== Vol. 3, No. 8 July, 1994 =====
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Edited by Richard Baker
Part 2

**Note: This is part 2 of the July issue due to the failure of a disk
containing Mike's column. Sorry 'bout that. -RDB

Note: This Electronic Edition is from the April 1994 SPEEDX member
bulletin "Shortwave Radio Today", ISSN 0882-8091. SPEEDX utility
coverage now consists of three columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and
schedule information. Contributions in these area's can be sent to
Mike.

UTILITY NOTES: Edited by Richard "RD" Baker. News and information
about the world of utilities, and utility stations. Contributions in
these area's can be sent to myself.

UTILITY VERIFICATIONS: Edited by Tim Braun. "UTE" only QSL's and
Verifications. QSL info. I hope to add Tim's column to the electronic edition
soon.

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the file remains unchanged. Permission is granted to use this
information so long as SPEEDX, and World of Utilities Electronic Edition
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an "immediate", data from checklist) (Baker, Oh)

CW

4310 WNU41: Slidell Radio La US 0139 2/8 (ID) (Lukas, NY)
4332.8 FUF: Fort de France Naval Radio Martinique 0233 2/8 (ID) (Lukas, NY)
5396.4 PX: 0100 2/22 (ID, 5 ltr grps) (Wielgos, In)
5868.4 NAR: US Navy Key West Fl US 0050 2/22 (Gulf wx) (Wielgos, In)
6383 NMC: USCG COMMSTA San Francisco Ca US 1337 2/14 (marker) (Ward, Ca)
6393.5 VHI: Darwin Naval Australia 1341 2/14 (marker) (Ward, Ca)
6397 JMC: Tokyo Radio Japan 1348 2/14 (Ward, Ca)
6412 9VG: Singapore Radio 1346 2/14 (marker) (Ward, Ca)
6467 JCS: Choshi Radio Japan 1355 2/14 (marker) (Ward, Ca)
7724.8 KRH50: US State Dept London UK 0207 2/2 (ID) (Lukas, NY)
8437 4XZ: Haifa Naval Israel 0136 2/27 (marker) (Fitzgerald, RI)
8441 TCR: Istanbul Radio Turkey 2159 (TURBAN ID, tfc list) (George, Ma)
8682 EAD2: Madrid Radio Spain 0042 2/13 (marker) (Fitzgerald, RI)
12426 HCRA: 2210 2/26 (wkg HCG) (Fitzgerald, RI)
12797 UDK2: Murmansk Russia 0036 2/27 (4LS de) (Fitzgerald, RI)
12958.5 PPO: Olinda Naval Brazil 0057 2/27 (marker) (Fitzgerald, RI)
13067 OST4: Ostend Radio Belgium 1751 2/27 (marker) (Fitzgerald, RI)
13441.4 WB2EAR: 2117 2/20 (ID) (Wielgos, In)
16622 DVXE: Coop Express 1807 2/20 (wkg NMN w/obs) (Fitzgerald, RI)
16676 P3KJ5: M/V Dodo 1845 2/20 (wkg u/id shore stn) (Fitzgerald, RI)
17162 PPO: Olinda Radio Brazil 2110 2/7 (ID) (Lukas, NY)
17166 CLA41: Havana Radio Cuba 2048 2/7 (ID) (Lukas, NY)
17175.2 VAI: Vancouver Coast Guard Radio Canada 0035 2/21 (marker)
(Fitzgerald, RI)
17266.2 CLA: Havana Radio Cuba 1933 2/14 (unusual, normally SSB, not listed)
(Lukas, NY)
22474 VIP: Perth Radio Australia 0216 2/1 (marker) (Ward, Ca)
22485 VIS: Sydney Radio Australia 0058 2/28 (marker) (Ward, Ca)
22553 KOAT: NO ID 0147 2/15 (w/hkmr de coat) (Ward, Ca)
22611.5 HLF: Seoul Radio S Korea (marker) (Ward, Ca)
22619.5 VCS: Halifax CG Radio Canada Nova Scotia 1521 2/4 (marker) (Ward, Ca)
22636.5 JCT: Choshi Radio Japan 0233 2/1 (marker) (Ward, Ca)
22646.5 JOS: Nagasaki Radio Japan 0234 2/1 (marker) (Ward, Ca)
22648.5 JNA: Tokyo Radio Japan 0231 2/5 (marker) (Ward, Ca)
22659.5 JOR: Nagasaki Radio Japan 0235 2/1 (marker) (Ward, Ca)
22669.5 JCS: Choshi Radio Japan 0236 2/1 (marker) (Ward, Ca)
22670.5 PPR: Rio Radio Brazil 1801 2/5 (marker) (Ward, Ca)
22686.5 WLO: Mobile Radio Al US 1807 2/5 (marker) (Ward, Ca)
22688.5 WLO: Mobile Radio Al US 1525 2/4 (marker) (Ward, Ca)
22694.4 XSG: Shanghai Radio China 0238 2/1 (marker) (Ward, Ca)

MARINE

2182 HALIFAX CG RADIO: Canada 2355 2/3 USB (wkg Wellington Kent) (Braun, Va); PORTLAND MAINE GROUP: US 2356 2/3 USB (clg USCGC Jefferson Island) (Braun, Va); NO ID: 2357 2/3 USB (clg Yarmouth CG Radio) (Braun, Va); ST. JOHNS CG RADIO: Canada 2358 2/3 USB (wkg vessel Hamilton Banker, QSY 2514/2118) (Braun, Va); NORTHERN OSPREY: 2358 2/3 USB (clg Newfoundland Otter) (Braun, Va)
2398 WHW661: Shouban ? 0010 2/7 USB (wkg u/id vessel w/rpt) (Baker, Oh)
2406 NLBH: USS Long Beach (CGN-9) 0118 2/18 USB fair (pp via WOM) (Hardester, NC)
2670 VESSEL SEALAND ATLANTIC: 0435 2/26 USB (wkg CG Group Cape Hatteras

w/radio chk) (Braun, Va)
2716 RESCUE 91: 1200 2/14 USB (wkg San Francisco w/position rpt) (Braun, Va) -Interesting...RDB
3037 FOXTROT TANGO: 0055 2/24 USB 444 (clg FOXTROT, no joy) (Wolfson, Oh) -U.S. Navy "alligator" or Link 11 net -RDB
4065 KMI: Inverness Ca US 0829 2/15 USB (wkg various vessels: Pacific Alliance, Red Baron (WAQ3150), WBU7298, Pinnacle, Golden Pieces) (Baker, Oh)
4071 NLBH: USS Long Beach (CGN-9) USB (wkg WOM for R/T tfc) (Baker, Oh)
4090 FOXTROT MIKE: 0325 2/27 USB 444 (wkg GOLF re/boarding of vessel Ebenezer, Haitians on board) (Wolfson, Oh) USN/UN Op Support Democracy freq -RDB
4098 WCB6188-0412: NO ID 0135 2/18 USB fair (pp via WOM) (Hardester, NC) (anyone have an address, what does the 0412 in the c/s mean-MH) The call is for a pleasure vessel, the Zafiro. Would guess the 0412 is an account code or something similar for WOM. No address here -RDB
4110 ELMQ: T/SS Fair Princess 0440 2/16 USB (4110/4402, R/T tfc w/KMI) (Baker, Oh)
4113 ELJ7: M/S Nordic Empress 0046 2/24 USB (R/T tfc w/WOM) (Baker, Oh)
4125 F/V MGB: 0616 2/23 USB (wkg Double Vision, MGB declared MAYDAY: taking on water, 100 miles from Panama, USCG Group Galveston comes on, USCG Group St Petersburg comes on, MGB advised of a/c ETA w/pump, MGB advises water nearing level of generator, requests procedures if need to abandon ship) (Baker, Oh)
4131 EGLH6: M/V Regal Princess 0428 2/4 USB (4131/4423, wkg WOM for R/T tfc) (Baker, Oh)
4134 NDCK: USCGC Sanibel 0126 2/18 USB (wkg COMMSTA Portsmouth: HF DL freqs of 4157.5, 2162.5) (Navary, Va)
4143 USCGC SITKA: 0525 2/27 USB (4143/4426, wkg CAMSLANT CHEASAPEAKE w/re for 2 or 3 MHZ freq, ZAP-1 pp, what's a ZAP-1 pp???) (Braun, Va)
4372 5ZG: 0044 2/24 USB 434 (wkg GIANT KILLER) (Wolfson, Oh)
4426 NMN: USCG COMMSTA Portsmouth Va US 0424 2/14 USB (wkg vessel PJS) (Lukas, NY)
4560 HMCS MORESBY: 0015 2/2 USB (wkg Halifax Military w/messages) (Braun, Va); WARSHIP FREDRICKTON: 0016 2/2 USB (wkg Halifax re CW freq) (Braun, Va)
4721 FOX TANGO: 0239 2/8 USB 444 (wkg u/id stn in clear and scrambled) (Wolfson, Oh) (U.S. Navy -RDB)
6200 NOWK: USCGC Dependable 0041 2/18 USB (wkg COMMSTA Portsmouth) (Navary, Va); NNKP: USS Kearsarge (LHD-3) 1854 2/24 USB (wkg NMN, CAMSLANT CHESAPEAKE, pp) (Baker, Oh)
6227 AAEC: USAV Gen Frank S. Besson Jr (LSV-1) 0503 2/11 USB (clg Ft Eustis Harbor master, no joy) (Baker, Oh)
8198 YJZS: 1835 2/21 USB 333 (8198/8722, u/id vessel wkg WOM w/R/T tfc to India) (Wolfson, Oh) ITU shows YJZS6, 7, 8, 9..all Lex -something ships -RDB
8207 ELAJ4: C/S Starship Atlantic 1914 2/21 USB 444 (8207/8731, wkg WOM w/R/T tfc) (Wolfson, Oh); WXHS: Omi Sacramento 2345 2/12 USB (wkg WOM /AT&T High Seas Operator) (Navary, Va)
8216 WBO8583: Vessel Maine Responder 1836 2/28 USB (wkg WOO for R/T tfc) (Baker, Oh)
8222 GOLDEN CHARIOT: 1556 2/21 USB 434 (8222/8746, wkg WOO w/R/T tfc) (Wolfson, Oh) Call sign is 3ELA5, Panama flagged cargo ship -RDB
8234 SVKR: Triton 2320 2/12 USB (wkg WOM, QSY ch. 1208) (Navary, Va)
8237 NO ID: 1604 2/21 USB 444 (8237/8761, wkg u/id shore stn re/repairs to ship's engine) (Wolfson, Oh)
8240 WLT4798: R/V Edwin Link 2350 2/23 USB (wx obs via NMN, NMN)

(Portsmouth) announces that they are changing c/s to CAMSLANT
 CHESAPEAKE) (Navary, Va)
 8247.7 NO ID: 1724 2/21 USB 434 (2 men talking about ship's papers,
 endorsements, etc) (Wolfson, Oh)
 8264 NORDIC EMPRESS: 0027 2/22 USB 444-423 (wkg WOM w/R/T tfc, polar
 absorption event in progress) (Wolfson, Oh)
 8267 LIZA3: M/S Sun Viking 0206 2/3 USB (wkg WOM for R/T tfc) (Baker, Oh)
 8731 ZSC26: Capetown Radio South Africa 0540 2/11 USB (wkg vessel
 Charvak-4) (Baker, Oh)
 8746 WOM: Pennsuco Radio FI US 0053 2/6 USB (wkg NZM, USS New Orleans)
 (Fitzgerald, RI) -note NZM is part of their Navy Mars call sign of
 NNNONZM, interesting non-use of proper international call sign NAON.
 I caught them making a number of R/T calls this way -RDB.
 8785 VCS: Halifax CG Radio 2134 2/2 USB (wkg XCKE re/sick crewman) (Baker,
 Oh)
 12242 NBNW: USCGC Sitkinak (WPB-1329) USB (wkg COMMSTA New Orleans w/ops
 rpt) (Baker, Oh)
 12245 ELMQ: T/SS Fair princess 1555 2/21 USB (R/T tfc via WOM) (Navary,
 Va); SXVJ: M/V Akmi 1633 2/21 USB (R/T tfc via WOM) (Navary, Va)
 12356 KZU: Gulf Fleet Marine Harvey La US 1900 2/19 USB (wkg vessel
 Atlantic Seahorse w/ops rpt, vessel El Poncho Grande) (Baker, Oh)

PHONE

4637.5 KMG322: Rowan Oil Houston Tx US 0955 2/17 USB (w/chk in of oil rigs
 & drilling rpts) (Baker, Oh)
 5320 USCGC GRAND ISLE: 0028 2/28 USB (wkg GROUP MOBILE) (Navary, Va)
 6985 NO ID: 0015 2/18 LSB (M/W in SS, M started to reply to W in EE,
 caught himself returned to SS) (Hardester, NC)
 7741 NFMK: USCGC Seneca 1324 2/5 USB (wkg CHASE 01-Haiti Ops) (Navary, Va)
 7990 NOVEMBER: 0330 2/7 USB (wkg H/I/M re grids/tracks, negative contact
 on digital mode, will continue flight pattern) (Braun, Va)
 8024 FOXTROT TANGO: 2330 2/17 USB (wkg GOLF/OSCAR/LIMA w/radar info/course
 data) (Braun, Va) -another Navy FT net -RDB
 8037 HARDROCK 12: 1407 2/27 USB (wkg HARDROCK 10/61, RTTY tfc) (Braun, Va)
 8095 SYLVAIR: 0045 2/2 USB (women w/ID wkg u/id a/c, anyone know what this
 stn is, also heard 1/22 on 8094) (Braun, Va)
 10493 WGY912: FEMA Berryville Va US 1700 2/2 USB (clg WGY911 (FEMA HQ in
 DC), WGY914 (Reg 4 Balboa Hts Panama), WGY915 (Nat'l Comms Sys HQ in
 DC), WGY916, WGY918, WGY950, no joy all, WGY905 (Dist 5 Chicago) sked
 data tst) (Baker, Oh)
 10711 NPTR: USS Port Royal (CG-73) USB (wkg SESEF Norfolk for xmitr tst)
 (Baker, Oh) -note new USN SESEF freq -RDB
 10766 NO ID: 0100 2/9 LSB 444 (several men in EE filing what sounded like
 reports of 2 number groups, Veranday, Jovi, Leandrew mentioned)
 (Wolfson, Oh) (Anyone have any ides on this one-MW)
 10858.5 NO ID: 2113 2/1 USB (wkg BRAVO 39, 4 ECHO, this was a net 4 ECHO= net
 control, possible USAF or USN) (Lukas, NY)
 12216 WGY912: FEMA Berryville Va US 1716 2/2 USB (wkg WGY905 (Dist 5
 Chicago) and WGY908 (Dist 8 Denver) for data tst) (Baker, Oh)
 12230 WCD4477: Vessel Crown Jewel 0047 2/24 (12230/13077 wkg KMI) (Baker,
 Oh)
 13446 WGY908: FEMA District 8 Denver Co US 1847 2/9 USB (attempting to wrk
 WGY911 (FEMA HQ DC) for pp) (Baker, Oh)
 13927 EAGLE 01: USAFMARS 1648 2/28 USB (clg any stn this net, AFB1IY
 answers) (Baker, Oh)
 14441.5 NNN0CXN: USS Portland 1940 2/11 USB (wkg NNN0ERA for pp, no joy, QSY

20936, 14818.5) (Braun, Va); NNN0NGW: USS George Washington 2325 2/7
USB (wkg NNN0NIG, QSY 14391.5 for pp tfc) (Navary, Va)
14443 NNN0CCK: USCGC Bear (WNEC-901) 1803 2/5 USB (clg any shoreside MARS
stn (ASSMS) off freq, on assigned freq) (Baker, Oh)

RTTY/FAX

4179.5 WKJO: SS Sabine 0400 2/26 SITOR A (tlx to CITCO Tulsa) (Navary, Va)
5100 NO ID: 2326 2/22 ARQ E3 192/425 (idling) (Wielgos, In)
6265.5 P3AA3: M/V Epta 0015 2/25 SITOR A (tlx to Drillship London) (Navary,
Va)
6272 C6JP8: M/V Otterpool 0540 2/25 SITOR A (tlx to Ropner Darlington)
(Navary, Va)
6319 WLO: Mobile AI US 0115 2/9 SITOR A 555 (tfc list) (Card, RI)
6453 NPG: US Navy Stockton Ca US 0130 2/9 FAX 444 (Pacific wx charts)
(Card, RI)
6852 WLO: Mobile AI US 2030 2/11 FAX 454 (wx maps) (Card, RI)
7529.8 NMF: USCG Boston Ma US 1750 2/5 FAX (wx chart, NEW SERVICE) (Wolfson,
Oh)
7624.6 TZH: ASECNA Bamako Mali 0316 2/10 50/850 (RYs, ID) (Wielgos, In)
7713.8 TJK: ASECNA Douala Cameroon 0200 2/2 ARQ M2 96/350 (aero wx)
(Wielgos, In)
7821.2 NO ID: 0100 2/20 ARQ M2 200/425 (idling) (Wielgos, In)
7946 RFVI: Le Port Reunion 0230 2/17 ARQ E3 96/425 (wx to Dzaoudzi
Camaros) (Wielgos, In)
8377 CXRO: Uruguay Express 2230 2/18 SITOR A (tlx via Portishead Radio)
(Navary, Va)
8386.5 ZCAM9: A.V. Kastner 1425 2/21 SITOR A (tlx to Strachan Shipping
Jacksonville) (Navary, Va)
8390.5 C6KV2: M/V Auckland Star 1144 2/28 SITOR A (wx obs) (Navary, Va)
9040.4 5YE: Nairobi Meteo Kenya 0115 2/20 100/850 (coded wx) (Wielgos, In)
9924.7 NO ID: 0130 2/16 ARQ E3 192/425 (idling) (Wielgos, In)
9994 CSY: Santa Maria Air Azores 0225 2/19 50/425 (coded wx) (Wielgos, In)
10917.7 RFTJ: Dakar Senegal 0050 2/2 ARQ E3 48/390 (CdeV) (Wielgos, In)
11476 HMF52: KCNA Pyongyang N. Korea 2335 2/11 50/350 (EE nx) (Wielgos, In)
12090 RFTJ: Dakar Senegal 2100 2/20 ARQ E3 192/425 (CdeV) (Wielgos, In)
12479 EMF9: Republica de Columbia 1445 2/20 SITOR A (tlx to Intermarine
Inc.) (Navary, Va)
12491 C6LW2: M/S Regal Empress 2007 2/10 SITOR A (tlx to International Ship
Services) (Navary, Va)
12507 ELGF3: Zim Caribe III 1500 2/20 SITOR A (tlx to Tatem Sto. Domingo
re/2 stowaways) (Navary, Va)
13372.5 5YD: Nairobi Meteo Kenya 2110 2/20 50/425 (RYs, ID) (Wielgos, In)
13580 HMF36: KCNA Pyongyang N Korea 0000 2/13 FAX 60/352 (nx pix) (Wielgos,
In)
16183 5YE: Nairobi Meteo Kenya 2030 2/2 100/425 (RUMS wx) (Wielgos, In)
16448 PSN: NO ID 2040 2/4 75/850 (RYs, ID) (Wielgos, In)
16683.5 YLDF: M/V Skulptors Tomskis 1440 2/20 SITOR A (msg tfc via Riga
Radio) (Navary, Va)
16696.5 S6BF: SS Graz 2234 2/24 SITOR A (AMVER rpt) (Navary, Va)
16702 C6KI9: M/V Finnwood 1455 2/21 SITOR A (tlx to Starship Mobile)
(Navary, Va)
16713.5 TCBT: M/V Kartal 7 1420 2/11 SITOR A (tlx tfc) (Navary, Va)
17432 DFZG: MFA Belgrade Serbia 1500 2/20 75/425 (Serbian nx) (Wielgos, In)
16717 3EYB6: Kudu 1444 2/21 SITOR A (tlx via Portishead Radio) (Navary, Va)
18052 DFZG: MFA Belgrade Serbia 1430 2/25 75/850 (RYs, ID, encrypted tfc)
(Wielgos, In)

18261 GFE24: Bracknell Meteo UK 1600 2/27 FAX 354 (Atlantic ice conditions map, wx maps) (Card, RI)
18265 CNM78: MAP Rabat Morocco 1615 2/1 50/425 (FF nx) (Wielgos, In)
18579 CXR: UN Montevideo Uruguay 1545 2/10 75/850 (RYs, ID, encrypted tfc) (Wielgos, In)
18805 YBU: 1420 2/23 75/425 (RYs, ID, 5 ltr grps) (Wielgos, In)
19011.7 PCW1: MFA Den Haag Netherlands 1445 2/23 SITOR A (memorandum) (Wielgos, In)
19101.7 RFLI: Fort de France Martinique 1614 2/10 ARQ E3 192/425 (non-protecte msg) (Wielgos, In)
19142 NO ID: 1540 2/20 Picollo 33 tone (heard here regularly) (Wielgos, In)
19320 DFZG: MFA Belgrade Serbia 1500 2/23 100/425 (Serbian nx) (Wielgos, In)
19746.5 6VU79: Dakar Meteo Senegal 1750 2/20 50/425 (aero wx) (Wielgos, In)
20622 5KM: CN Bogota Columbia 2110 2/11 75/850 (unclassified SS msg to NBA-US Navy Panama) (Wielgos, In)
22286 V2LU: Ursus Delmas 1523 2/20 SITOR A (wx obs via St Lys Radio) (Navary, Va)
22316 5MWT: NO ID 1450 2/21 SITOR A (tlx to MARCOM Johannesburg via ZSC) (Navary, Va)
22376 NOJ: USCG COMMSTA Kodiak Ak US 0139 2/8 SITOR (CW ID) (Lukas, NY)
22380 CBV: Playa Ancha Radio Chile 1747 2/21 (not on usual freq) (Ward, Ca)
22388.5 NMO: USCG COMMSTA Honolulu Hi US 0153 2/1 SITOR (CW ID) (Lukas, NY)
22421.6 WLO: Mobile Radio Al US 2336 2/14 SITOR (CW ID) (Lukas, NY)

I ran across the following messages on the ANARC BBS and thought memebms might be interested.

From: HANS WILDSCHUT
To: ALL
Subject: MUM & AAC20

.....
Hi All,

A friend of mine logged a US Army net radiochecking, surprisingly with a British Army station participating too! Freq. was 9958 kHz USB.

The stations were:

AAC32 Carlisle Barracks, PA
AAC Fort George G. Meade, Laurel, MD
AAD Fort McPherson, Atlanta, GA
AAC20 Location unknown
MUM Location unknown

Does anyone know the location of the latter two?

Greetings, Hans Wildschut.

Date: 02-28-94 00:21 (Public)
From: DAVID PENDERGRASS
Subject: FREQ OF GOVERNMENT SSB

.....
GREETING TO ALL...
MY NAME IS DAVE, KA5QPW, AAR4AW, AND I'M A RADIO OPERATOR FOR THE U.S. GOVERNMENT AND I WORK AS SOLE OPERATOR ON A GOVERNMENT VESSEL. FEEL FREE TO TUNE US IN. THE FREQ IS 5.327.5 KHZ AND WE DONT DO MUCH TALKING ON THAT FREQ, BUT WE DO PASS TRAFFIC ON IT USING AMTOR ARQ AND FEC. HQ'S CALL IS

W.U.G. QTH IS VICKSBURG, MS, AND THE VESSEL CALL IS A.E.A.D. QTH IS SOMEWHERE ON THE MISSISSIPPI RIVER. GOOD LUCK....73'S.

It was good to see some of you at the SWL Winterfest in Kulpville. I had a good time talking UTES to several people and hopefully will have even more opportunities in the future.

Please note that Portsmouth Radio has changed their callsign to Camslant Chesapeake. Several people noted the change this month in their logs. Jim Navary gets the prize, though, for actually hearing them announce it in a broadcast (see the logging for 8240 in the MARINE section) on 2/23.

Jeanne Ferrell announced at the 'Fest that a new edition of the Confidential Frequency List was going to be released in June so we have another reference source to look forward to.

It was also announced that Paul Lannuier, former JRC rep, had purchased Gilfer Shortwave. Paul has been a long time SPEEDX member. I, for one, wish him well.

Finally, I plan on attending the Dayton Hamvention the last weekend of April. I usually go on Saturday and spend at least some time at the ANARC booth. If you're there, stop by. Its a good time and a great way to OD on radios and computers. Just remember to wear a pair of comfortable walking shoes. CUN 30.

=====

SPEEDX members had this information over 2-1/2 months ago!

SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

TRASH & TREASURE: Information on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson. (73540...@compuserve.com)

SHORTWAVE TO GO!: News and information on shortwave broadcast stations. Edited by Richard E. Hankison

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Tim J. Johnson

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utility log's, frequency lists and schedules, edited by Mike Wolfson

UTILITY NOTES: News and information on the world of utilities, edited by Rick Baker

UTILITY VERIFICATIONS: Ute "only" QSL/verification info, edited by Tim Braun

SPEEDX AWARDS: A wide variety of awards are available for members
DX'ing accomplishments, Harold Woering, Awards
Chairman

....and more!

If you would like to learn more about the SPEEDX radio club,
(the Society to Preserve the Engrossing Enjoyment of DX'ing), a
Non-Profit ALL Volunteer hobby organization founded in 1971, please
write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196,
DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the
Electronic Edition!

(wkg DELTA 36, 22) (Wolfson, Oh)
11052 SAM 86972: 2325 3/27 USB (w/pp thru ANDY to SHANNON AIR OPS w/ETA & Fuel request) (Braun, Va)
11176 SHARK 82: USAF 0125 3/24 USB 433 (pp via Ascension to LOBO (Howard AFB ?) re/arrival time, LOBO listed as Joe Foss Field ??) (Wolfson, Oh)
11233 TRENTON METEO: Ontario Canada 1510 3/28 USB (wkg 413 w/wx for Shearwater & Greenwood) (Johnson, Il)
11306 AMERICAN 933: 0055 3/7 USB 433 (wkg u/id LDOC) (Wolfson, Oh)
11342 SAN FRANCISCO RADIO: LDOC Ca US 1557 3/14 USB 444 (wkg USAF flt) (Wolfson, Oh):
11470 NO ID: 1550 3/17 USB (LDOC wkg AIR MIAMI WORLDWIDE flt-refer to Tim's NO ID on 8095- switched to 11470 for better clarity) (Braun, Va)
11937 LIMA RADIO: LDOC Peru 1530 3/14 USB 444 (wkg various flts) (Wolfson, Oh)
13211 NO ID: 1557 3/10 USB (wkg EN w/radio chks for band conditions, ground stn rpt to EN re/possible flare, bad propagation, aurora) (Lukas, NY)
13270 NEW YORK RADIO: US 1447 3/28 USB good (aero wx) (Johnson, Il); NEW YORK RADIO: US 0012 3/31 USB 433 (aero wx) (Hankison, Ks)

CW

4258.3 WLO: Mobile Radio AI US 0254 3/15 (ID) (Lukas, NY)
4265.6 PPL: Belem Radio Brazil 0442 3/15 (ID) (Lukas, NY)
4275 HPP: INTERMAR Panama Radio 0344 3/15 (ID, QRM from KFS) (Lukas, NY)
4275.2 KFS: Palo Alto Radio Ca US 0344 3/15 (ID, QRM from HPP) (Lukas, NY)
6444.9 SVD3: Athens Radio Greece 0129 3/29 (ID) (Lukas, NY)
6493 VAI: CCG Vancouver British Columbia Canada 1538 3/31 333 (marker) (Berri, Ca)
8399 C6MK2: NO ID 0215 3/23 (wkg HPP) (Navary, Va)
8445 XSX: Keelung Radio Taiwan 1025 3/17 (marker) (Ward, Ca)
8454 9WH: Kota Kinabalu Radio Sabah Malaysia (marker) (Ward, Ca)
8477 4VG56: Singapore Radio 1050 3/17 (marker) (Ward, Ca)
8478 VHP: COMMSTA Canberra Australia 1052 3/17 (marker) (Ward, Ca)
8515 5AT: Tripoli Radio Libya 0610 3/30 (marker) (Navary, Va)
8530 9VG: Singapore Radio 1243 3/4 (tfc list) (Ward, Ca)
8547.6 DZF: Manila (Bacoer) Radio Philippines (marker) (Ward, Ca)
8573 CLA: Havana Radio Cuba 0408 3/14 (marker) (Navary, Va)
8574 NMC: USCG COMMSTA San Francisco Ca US 1306 3/4 (marker) (Ward, Ca)
8577 HLO: Seoul Radio S Korea 1307 3/4 (marker) (Ward, Ca)
8625 FUM: Papeete Naval Tahiti 0555 3/30 (marker) (Navary, Va)
8638 VNG: Australia 0530 3/30 (time signals, carrier on 8637 and 8639, 8638 assumed as assigned freq, what emission type/class do they use??) (Navary, Va)
8701.4 HKB: Baranquilla Radio 0435 3/21 (marker, dropped signal in midmarker at 0437, did not return for at least 1 hr) (Navary, Va)
12425 3ELO6: M/V Palvia 2110 3/25 (wkg WSC, msg to FERMAR Ravenna) (Navary, Va)
12553 ELKQ6: No ID 2130 3/25 (wkg HPP) (Navary, Va)
16630 SXVR: M/V Fannie Mae 1927 3/30 (wkg WSC w/msg to Midship NOLA re ETA SW Passage) (Navary, Va)
16904.8 FUV: Djibouti Naval 1923 3/30 (marker) (Navary, Va)
16961 FUF: Fort de France Martinique 0224 3/29 (ID) (Wolfson, Oh)
18411.6 8BY: NO ID 1645 3/1 (marker) (Wielgos, In)
20955 MFA ACCRA GHANA: 1800 3/30 (poor copy, sloppy fist, msg re/ ambassador) (Navary, Va)
22460.9 FUJ: Noumea Naval Radio New Caledonia 0017 3/12 (marker) (Ward, Ca)
22465 9MG: Penang Radio Malaysia 0018 3/12 (marker) (Ward, Ca)

22530 PWZ33: Rio de Janeiro Naval Brazil 2339 3/12 (marker) (Ward, Ca)
22537 FUF: Fort de France Naval Martinique 2114 3/12 (marker) (Ward, Ca)
22544 FUM: Papeete Naval Tahiti 0033 3/12 (marker) (Ward, Ca)
22575.5 PKX: Jakarta Indonesia 2319 3/26 (marker) (Ward, Ca)
22694.3 XSG: Shanghai Radio China 0051 3/12 (marker) (Ward, Ca)

MARINE

2118 ELBC8: Nordic Blossom 0257 3/27 USB (2118/2514, wkg HALIFAX CCG Radio, switched to tlx) (Navary, Va)
2182 VYNS: Cape Alert 0017 3/9 USB (wkg Sydney CG Radio, QSY to 2206/2582 for pp) (Navary, Va)
2598 VCP: St Lawrence CG Radio Canada 0050 USB (marine wx) (Etten, Mn)
2670 WYN 6272: TUG Alice Marano 0509 3/19 USB (re/enroute to tow Alaska Challenger which is adrift) (Etten, Mn); GLD: Lands End Radio UK 0234 3/16 USB (w/underwater naval ops warning for English Channel) (Baker, Oh)
2678 NVOR: USCGC Point Countess (WPB-82335) 0054 3/31 USB (wkg GROUP ST PETE re/SAR mission) (Navary, Va)
2716 TAMPA BAY: 1111 3/23 USB (wkg 91) (Braun, Va); FORECLOSURE 40: 0935 3/16 USB (w/British accent clg AUTECH Ops advising QSY to 299.4) (Baker, Oh)
4113 ELAJ4: Starship Atlantic 2318 3/28 USB (wkg WOM w/R/T tfc) (Navary, Va)
4125 USS Gladiator: 0330 3/1 USB (wkg CG GROUP Miami re/ves in distress-S/V Evergreen 1 mile out of Bimini) (Braun, Va)
4408 VCS: Halifax Coast Guard Radio Canada 0207 3/29 USB (wx forecast) (Wolfson, Oh)
4426 NMF: USCG Boston Ma US 1050 3/5 USB (YL wkg DIAMOND, will be QSYing to 6 and 8 megs) (D'Angelo, Pa)
5969 NOJ: USCG COMMSTA Kodiak Ak US 0502 3/16 USB (wkg RESCUE 1702 at HOMER) (Etten, Mn) Typo of 5696(?) -RD
6200 NIID: USS Recovery (ARS-43) 0025 3/15 USB (wkg CAMSLANT re/RTTY coordination on 8 megs) (Navary, Va)
6227 AADS: USAV Runnymede (LCU-2001) 0453 3/24 USB (wkg AAC2 harbor master Ft Eustis, Va w/midnight position rpt) (Baker, Oh)
6501 C6PY: 0623 3/6 USB (AMVER rpt to NMN) (Etten, Mn); DAJ: Norddeich Radio Germany 0124 3/14 USB (wkg u/id ship, unusual freq for DAJ) (Baker, Oh)
6504 CGF: 1200 3/29 USB (wkg CCGS Sir William Alexander re/ice breaking activity) (Braun, Va); KKN: Vancouver Military Canada 1007 3/22 USB (wkg BRAVO 6 w/ID of DESERT MACHINE (?) w/time/date msg, not listed for Canadian Forces) (Baker, Oh); CGF: NO ID 1203 3/24 USB (wkg CCGS Sir Wm Alexander, other u/id CCGS w/status rpt, tip of the hat to Tim Braun for letting me know) (Baker, Oh)
8758 WOM: Pennsuco Radio FI US 0147 3/29 USB 3/29 (8234/8758, 2 men talking, set up next conversation day/time, operator w/time & charges) (Wolfson, Oh)
8237 VLRM: HMAS Warrnambool (P-204) 0647 3/26 USB (8237/8761, wkg Sydney Radio for R/T tfc) (Baker, Oh)
8240 GQIH: Warship HMS Newcastle (D-87) 0525 3/13 USB (clg PORTISHEAD, no joy) (Etten, Mn); Ditto: 0320 3/13 USB (clg Portsmouth, no joy) (Braun, Va); Ditto 2331 3/6 USB (clg Portishead Radio on GKU46, no joy, ID-"Warship Newcastle", (Baker, OH); ELBY4: Sentinel II 0107 3/6 USB (clg Barbados Radio, no joy) (Navary, Va); ZCAU7: Twirly Bird 1514 3/19 USB (clg Portishead Radio) (Navary, Va); DIAMOND: 2255 3/15 USB (wkg CAMSLANT w/rdo chk, will be monitoring 4525, what is

DIAMOND??, heard sev times-no ID) (Navary, Va); NRCB: USCGC Eagle (WIX-327) 0512 3/30 USB (CG masthead training barque, wkg NMN re/HFDL freq) (Baker, Oh); GAAP: HMS Cumberland (F-85) 1919 3/6 USB (wkg Portishead Radio, no joy, ID-Warship Cumberland) (Baker, Oh)
8267 ELBM9: M/S Tropicale 0010 3/29 USB (attempting R/T t/c via WOM, problem w/ship's tx, distorted signal) (Navary, Va)
8737 5BA42: Cyprus Radio 2140 3/19 USB (ID) (Bottonelli, Italy)
12229 GQIH: HMS Newcastle (D-87) 2354 3/6 USB (wkg Portishead Radio using ship's name/callsign as ID) (Baker, Oh)
12242 NRDC: USCGC Campbell 2022 3/14 USB (pp via CAMSLANT Chesapeake) (Etten, Mn); WJGH: Stella Lykes 1720 3/28 USB (wkg CAMSLANT, end of msg only, ship had spotted liferaft, switch to t/c) (Navary, Va); NSTF: USCGC Steadfast 2300 3/22 USB (wkg COMMSTA New Orleans w/pp to JTF5 w/orders to proceed to POSN in covert manner-things heating up) (Navary, Va)
13089 NMN: USN CAMSLANT Chesapeake 1533 3/13 USB (clg USCGC Matinicus, no joy) (Etten, Mn)
22711 GKT76: Portishead Radio UK 1728 3/25 USB (R/T t/c w/HMS Norfolk) (Baker, Oh)

PHONE

4490 FOXTROT MIKE: 0057 3/10 USB (Haiti Blockade, wkg FOX re/ ves Key Monarch) (Lukas, NY)
5320 CG A/C 6575: 0229 3/24 USB (clg CG GROUP Charleston, no joy) (Navary, Va)
5400 NMR1: USCG Greater Antilles Section (GANTSEC) 0052 3/22 USB (wkg B6C with request to go green) (Baker, Oh)
6815.5 FOXTROT CHARLIE: CG NCS for Haiti Ops 0008 3/14 USB (wkg PAPA for his location, XRAY for same) (Baker, Oh)
6861 SIERRA CHARLIE: 0345 3/21 USB (wkg BRAVO FOXTROT w/msg to data freq MIKE 17 for ALLIGATOR DATA) (Braun, Va)
7535 NIKE: USS Dwight D. Eisenhower (CVN-69) 1353 3/29 USB (wkg NORFOLK SESEF) (Navary, Va); USS JOHN McCain: 1400 3/31 USB (pre-commissioned naval ves (DDG-56) wkg NORFOLK SESEF, undergoing sea trials) (Navary, Va)
7741 69 DELTA ? : 2200 3/9 USB (Haiti blockade) (Lukas, NY)
8125 KDM50: FAA Hampton Ga US 2049 3/29 USB (wkg KJK80-FAA Leesburg Va w/talk of new remote and c/s for same) (Baker, Oh)
8893 NO ID: 2130 3/19 222 (cyphered msg) (Bottonelli, Italy)
9175 34: 0450 3/19 USB (wkg u/id stn re/transitting area-from 04000 to 05000) (Braun, Va)
10766 NO ID: 0130 3/18 LSB 444 (man talking about fish, lost spinners, man w/2 number groups, possible Portuguese accent) (Wolfson, Oh)
11035 NO ID: 2124 3/23 AM (5 number grps) (Lukas, NY)
12008 EBC: Spain 1017 3/5 252 (short time pulses, long pulse on the minute) (D'Angelo, Pa)
13446 WGY908: FEMA Dist B Denver Co US 1748 3/8 USB (wkg WGY911-FEMA HQ Washington DC for test comms on 36) (Baker, Oh)
14441.5 NNN0CUO: USS Spruance 1917 3/25 USB (wkg NNN0NCG) (Navary, Va); NNN0COW: USS Trenton 2052 3/25 USB (wkg NNN0OMD) (Navary, Va)
16201 WGY908: FEMA Dist B Denver Co US 1749 3/8 USB (wkg WGY911 FEMA HQ Washington DC for test comms on 51) (Baker, Oh)

RTTY/FAX

518 ZSC: Capetown Radio South Africa 2027 SITOR B (NAVTEX, NAVAREA

Warnings) (Hall, SA)
4174.5 IBFM: M/T Portoria 0407 3/10 SITOR A (Italian cargo ship w/status
rpt) (Baker, Oh)
5280 RKR76: Irkutsk Meteo Russia 0357 FAX 60/576 (fair chart on 5278.1
USB) (Hall, SA)
6279.3 YOG59: ROMPRESS Bucharest Roumania 1711 50/500R (FF nx) (Hall, SA)
6835 GFL22: Bracknell Meteo UK 0233 3/27 50/425 (coded wx) (Wielgos, In)
6906 AFS: USAF AWS Offutt AFB Ne US 1625 3/31 FAX 343 (wx chart) (Berri,
Ca_
6978 CCS: CN Santiago Chile 0145 3/30 100/850 (msg to LMOS) (Wielgos, In)
7495 RDK23: Tbilisi Meteo Georgia 1942 FAX 60/576 (poor chart on 7492.8
USB) (Hall, SA)
7580.2 VVD57: Delhi Meteo India 1933 50/342N (wx) (Hall, SA)
7640 R5176: Mensk Meteo Russia 1917 FAX 90/576 (poor chart on 7638.4 USB)
(Hall, SA)
7783.4 NO ID: 0121 3/27 75/850 (USAF KAWN wx) (Wielgos, In)
7850.5 ZAA: ATA Tirana Albania 1900 50/518R (RY, ID) (Hall, SA)
7863.3 BJ221: Wuhan Meteo China 1858 75/378R (coded wx) (Hall, SA)
8007.2 NO ID: 1746 86/239 (R700 could not decode) (Hall, SA)
8104.8 INTERBERTON RIJSWIJK: Netherlands 1755 SITOR A (wkg Nigerian oil rig)
(Hall, SA)
8379.5 ELNS4: Pacific Star 2127 3/19 SITOR A 333 (wkg u/id shore stn w/tlx
msg) (Wolfson, Oh)
8392.5 UWHN: NO ID 0143 3/17 SITOR A 444 (tlx for Nikoloz Baratashvili)
(Wolfson, Oh)
8420 9VG: Singapore Radio 1018 3/17 SITOR (ID) (Ward, Ca)
8421 WLO: Mobile Radio Al US 0117 3/17 SITOR A 444 (wkg Viking Serenade
w/tlx tfc) (Wolfson, Oh)
8422 NMC: USCG COMMSTA San Francisco Ca US 0952 3/17 (ID) (Ward, Ca)
8424.5 VPS: Cape D'Aguilar Radio Hong Kong 0954 3/17 SITOR (ID) (Ward, Ca)
8426.5 9VG: Singapore Radio 0959 3/17 SITOR (ID) (Ward, Ca)
8428 XSG: Shanghai Radio China 1021 3/17 SITOR (ID) (Ward, Ca)
8433.5 PPQ: Sepetiba Radio Brazil 1011 3/17 SITOR (ID) (Ward, Ca)
8436.1 LPD: Gen Pacheco Radio Argentina 1013 3/17 SITOR (ID) (Ward, Ca)
8437.6 LPD: Gen Pacheco Radio Argentina 1015 3/17 SITOR (ID) (Ward, Ca)
9089.5 NPG: USN San Francisco Ca US 0228 3/15 FAX 444-222 (very good wx
chart for Pacific Ocean, signal deteriorated rapidly after greyline
lost) (Wolfson, Oh)
10536 CFH: Canadian Forces Halifax 2019 FAX (fair chart on 10534.4 USB)
(Hall, SA)
10718.4 LRB72: Buenos Aires Meteo Argentina 2010 FAX (poor chart) (Hall, SA)
10789.5 RFLI: Fort de France Martinique 0154 3/21 ARQ E3 333 (Cdev) (Wolfson,
Oh)
12482.5 UJOR: M/T Protsion 1836 3/27 SITOR (Russian wine tanker (!), in
listening mode) (Navary, Va)
12495.5 SXHP: M/V Jewel 1 2005 3/19 SITOR A 434 (tlx to Fernie Cristobal)
(Wolfson, Oh)
12594 KFS: Palo Alto Radio Ca US 0147 3/15 SITOR A 444 (w/msg for M/V
Negotiator) (Wolfson, Oh)
12611 WLO: Mobile Radio Al US 2355 3/29 343 SITOR A (nx, tfc list-none
listed) (Card, RI)
12639.5 OST: Ostend Radio Belgium 2345 3/29 SITOR A 454 (idling) (Card, RI)
12900 PWZ33: Rio de Janeiro Naval Brazil 2330 3/29 75/850 454 (PP tfc, ID)
(Card, RI)
13371 5YD: Nairobi Air Kenya 2117 3/19 50 baud 444 (RYs, ID) (Bottonelli,
Italy)
13563.4 3MA22: CNA Taipei Taiwan 0725 50/775R (EE nx) (Hall, SA)

13848.1 NO ID: Zaire Bank Circuit 1234 50/170R (FF tfc) (Hall, SA)
 13986.9 NO ID: 1243 SITOR A (possible oil co. w/FF tfc re/AVGAS supplies)
 (Hall, SA)
 14648.7 NO ID: 1319 SITOR A (ff tfc re/food supplies to "ALBERT") (Hall, SA)
 14814.6 SAM: MFA Stockholm Sweden 1520 SWED ARQ 100/400 (test signals) (Hall,
 SA)
 14842.3 FM 6(1) INF, BDGE GP: 1830 SITOR A (wkg PAKARMY re/Somali fighting)
 (Hall, SA)
 14845.1 MVA: RA London UK 1525 ARQ M2 96/381 (test tape) (Hall, SA)
 14970.3 SAM: MFA Stockholm Sweden 1557 SWED ARQ 100/406 (urgent Swedish telex
 for Belgrade Embassy) (Hall, SA)
 15655 CNMX65.1X: MAP Rabat Morocco 1530 3/20 50/425 (FF nx) (Wielgos, Ca)
 16026 NPN: USN Apra Harbor Guam 1210 FAX (poor chart) (Hall, SA)
 16185.2 5YE: Nairobi Meteo Kenya 1231 FAX (superb wx chart) (Hall, SA)
 16787.1 PNA Manila: Philippines 0930 SITOR B (EE nx w/volcano warnings)
 (Hall, SA); PNA: Manila Philippines 1540 3/30 SITOR B (EE nx)
 (Wielgos, In)
 16955 UDH: Riga Radio Latvia 1549 3/30 SITOR A (wkg u/id stn) (Wielgos, In)
 17510 OXT: Copenhagen Denmark 1333 3/31 FAX (ice chart) (Wielgos, In)
 17523 HSW61: Bangkok Meteo Taiwan 1525 3/27 50/425 (coded wx from
 BABJ-Beijing) (Wielgos, In)
 18196 HZW?: NO ID 2013 3/27 50/425 (RYs, 5 ltr grps) (Wielgos, In)
 18646.8 NO ID: 1047 ARQ E3 48/405 (idling not listed) (Hall, SA)
 19021.3 NO ID: 1100 75/853R (crypto tfc, strong signal, not listed) (Hall,
 SA)
 19159.4 NO ID: 2030 3/27 50/560 (5 ltr grps, SS msg) (Wielgos, In)
 19295 CLP1: MINREX EMBACUBA Havana Cuba 1830 3/30 45 baud (combination of
 plain SS txt/5 ltr grps to Cuban embassies in Africa) (Navary, Va)
 19724.5 UJY: Kalingrad Radio 1724 3/25 50/170 (wkg various id & u/id vessels
 and, QSX 22262.5) (Baker, Oh)
 19864.6 NO ID: 1630 3/30 50/425 (SS nx) (Wielgos, In)
 20851.4 CPF2: VN La Paz Bolivia 1740 3/1 75/850 (msg to YWM Maricaibo Ven)
 (Wielgos, In)
 20872 AGA8HI: USAF MARS Hickam AFB Hi US 1808 3/30 75 baud (wkg AFA2fr
 w/MARSGRAM tfc) (Navary, Va)
 22353 NORDDEICH (?): Germany 1716 3/23 SITOR B (tfc list, GG nx/sports)
 (Baker, Oh)
 22394.5 LPD: Gen Pacheco Radio Argentina 2010 3/22 SITOR A (phasing, CW ID)
 (Baker, Oh)
 22550 MTO: RN Rosyth Scotland 1739 3/30 75/860 (test tape) (Baker, Oh)

I ran across the following list on the ANARC BBS in a message from Ary Boender to Bart Hoekstra. The message was dated 4/3/94. I thought some of you might find it useful.

ANDREWS DESIGNATORS

 F018 = 18.317
 F025 = 11.229
 F034 = 11.209
 F103 = 13.217
 F118 = 6.683
 F123 = 11.488
 F125 = 11.615
 F141 = 11.226
 F181 = 13.440
 F198 = 11.413

Internet: ae411@yfn.ysu.edu

Welcome back to another fun filled, exciting, exhilarating, electrifying edition of Utility Notes. Well, would you believe another edition?-hi!

Tim Braun checks in again this month with another mystery station, so we'll let him tell the story:

Mystery Station -CGF by Tim Braun

A mystery has arisen again...I've heard a Canadian Coast Guard station on 6504.0 Khz for a couple of years now: CGF. They usually work some ice breakers way up north. They are usually heard between 1200/1300 UTC. Ships being worked have included the Terry Fox and CCGS SIR WILLIAM ALEXANDER. Another mystery also on 6504...Station NCW wkg CCGS LOUIS S. St. LAURENT. Each time these has used phonetics for their ID, i.e Charlie Gulf Foxtrot and November Charlie Whiskey. Anyone have any idea who these stations are?

Well, Tim has found an interesting one for sure. I've checked my references (that's all five piles on the floor) and can not find a listing for either callsign. No NNCW or NNNONCW either. One thing, Canadian CG Stations seem to use callsign's starting with a "V", so I would suspect "CGF" is a Canadian Forces callsign. Perhaps an International Ice Patrol callsign like NMF/NIK? The only CanForce Station listed on the frequency I can find is Halifax Military. I set my VCR up for several weeks to record that time period (that's like the middle of the night for me-hi!) and can confirm the call CGF being used and CCG icebreakers being worked. Also heard Vancouver Military passing date/time group messages. The only other info I can add is that the Terry Fox is a commercial icebreaker leased to the Canadian government. Anyone else have anything on these folks?

(Since this column was printed I've learned via the ITU that CGF is at Halifax. The purpose of the station or its exact use is still unknown as of this release date...-RD)

MILITARY

U.S. Navy

~ Mike Hardester recently received a QSL/PFC from the USS Long Beach where it was noted that the ship is to be decommissioned in July. The USS Long Beach (CGN-9) was the U.S. Navy's (and the world's) first nuclear powered cruiser. The cruiser will make its last voyage to a scrap yard after 33 years of duty. Long Beach was commissioned Sept., 1961 and was also the first warship with a guided missile battery. In 1986, the Long Beach made the first successful launch of a Tomahawk Cruise missile and served as the U.S. flagship in the Gulf War. For those who QSL warships, times running out to try to QSL this historical ship. Long Beach has been active making radiotelephone calls via KMI using their international callsign NLBH and on Mars frequencies (calling is best shot; 14441.5) using their Mars callsign of NNNOCBL. Thanks Mike for the info.

U.S. Coast Guard

~ USCGC Tamaroa (WMEC-166) was decommissioned Feb.1, 1994 at New Castle, NH. Tamaroa was the last of the so called "Sea-going Tug-class" of medium endurance cutters which have served the U.S. Coast Guard since 1946.

~ The USCGC Steadfast (WMEC-623), NSTF, has been recommissioned and this address is suppose to work: c/o Group Astoria, 2185 SE 12th Place, Warrenton, OR 97146-9693.

MARITIME

A note from Derek Cooper in the UK posted on the SWL Sig on Youngstown Freenet indicates that Arkhangelsk Radio may have changed its callsign from UXN to UCE. Derek reports hearing UCE on frequencies he use to hear UXN on.

For those who had problems logging into yfn for the SWL Sig, a new internet address has been added. Try: yfn2.yzu.edu and at the user login prompt type: visitor and from the main menu type: go swl

Quite a few Speedx and other SWL's check in there. The SWL Sig is not a Speedx board, and not limited to "ute's"; any shortwave listening logs, news or info are welcome.

AMVER Traffic by Jim Navary

Most utility monitors who have done any maritime monitoring at all have at one time or another stumbled upon a ship sending an AMVER message. Vessels can, and do, transmit these reports on all three of the normal modes used in the HF bands: voice (USB), CW, and radioteletype (SITOR-A/ARQ). This short article will attempt to provide a brief introduction to AMVER and to give those who are not already familiar with the contents of an AMVER report a few clues as to the meaning of these coded messages.

AMVER (Automated Mutual-Assistance Vessel Rescue System) is a system for worldwide tracking of ocean going merchant vessels primarily for safety purposes. While participation in AMVER is mandatory for certain U.S. Flag vessels (1,000 gross tons or more, operating in foreign commerce), other merchant vessels, regardless of flag, origin, or destination that are 1,000 gross tons or larger and are on a voyage longer than 24 hours are welcome to participate.

There are five types of AMVER reports: Sailing Plans, Departure, Arrival, Position, and Deviation reports. Each line in an AMVER report starts with a line identifier which is either the word AMVER or a single letter. The line identifier and the data items on the line are each separated from each other by a single slash (/). Lines are terminated by a double slash (/). The first line of an AMVER report identifies the type of report being sent:

AMVER/SP//=sailing plan, AMVER/PR//=departure report, with or without sailing plan information. Also used for position report. AMVER/FR//=arrival report, AMVER/DR//=deviation report. The best way to explain the contents of an AMVER report is probably through use of a few examples:

```
AMVER/SP//A/BLUE HAWAII/ELVI5//B/052245Z//E/145//F/126// G/NOVOROSSIYSK/
4470N/03780E//I/GIBALTAR/3600N/00600W/082100Z//L/RL/140/4130N/02910E/061200Z
//L/RL/140/4010N/02620E/062300Z//M/GKA/GKM//V/MD/NURSE//X/NEXT REPORT
062200Z//
```

Explanation: AMVER line/SP// (required) Line A/vessel name/international callsign (required) Line B/intended date-time of departure (required) (month may or may not be provided) Line E/current course (optional) Line F/estimated average speed in knots and tenths without the decimal - i.e., 12.6 knots (optional) Line G/port of departure/latitude/longitude (required) Line I/port of destination/latitude/longitude (required) Line L/navigation method [RL=rhumb line, GC=great circle]/leg speed in knots/latitude/longitude/date-time. As many lines may be sent as is appropriate for plotting the course to the destination. Leg speed is optional, otherwise required. Line M/current coastal radio station guarded/next station guarded (optional) Line V/medical resources on board (optional) Line X/up to 65 characters of amplifying comments (optional)

Each of the different types of reports can vary as to the optional or required elements. But, since my purpose here is to help fellow SPEEDXers

interpret the reports they copy -- not to prepare you to go to sea as the ship's R/O -- I won't go into those details. HI!

As you can see, AMVER reports are great for us radio eavesdroppers. They provide a full identification of the vessel, both name and callsign, and all sorts of other good information about the voyage.

Thanks to all the contributors this month, made "writing" the column easy! So long till next month...

=====

SPEEDX members had this information over 2 months ago! If you would like to receive this information as quickly as our members do, SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the column's include:

THE DXperience: Focusing on notes, news, and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

TRASH & TREASURE: Information on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson. (73540.3025@compuserve.com)

SHORTWAVE TO GO!: News and information on shortwave broadcast stations. Edited by Richard E. Hankison

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Tim J. Johnson

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

UTILITIES: Utility log's, frequency lists and schedules, edited by Mike Wolfson

UTILITY NOTES: News and information on the world of utilities, edited by Rick Baker

UTILITY VERIFICATIONS: Ute "only" QSL/verification info, edited by Tim Braun

SPEEDX AWARDS: A wide variety of awards are available for members DX'ing accomplishments, Harold Woering, Awards Chairman

....and more!

If you would like to learn more about the SPEEDX radio club, (the Society to Preserve the Engrossing Enjoyment of DX'ing), a Non-Profit ALL Volunteer hobby organization founded in 1971, please write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196,

DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

--

Rick Baker (ae411@yfn.ysu.edu)

(xx159@yfn.ysu.edu) yfn SWL Sig Sysop

Recorded live and direct from downtown Austintown, Ohio

(Baker,Oh)

- 11243 RIFF 13: 1730 4/25 USB (wkg Offutt w/pp to Robbins AFB re/status of WATCH 75 for tanker refueling) (Baker, Oh); HAWK 84: 1732 4/25 USB (B-1B from Dyess wkg McClellan to unk CP) (Baker, Oh)
11249 CFH: Halifax Military Canada 2000 4/8 USB (w/EAM) (Baker, Oh)
11280 SAN FRANCISCO RADIO: Ca US 2226 USB (wkg UNITED 897, NEW ZEALAND 2, others)(Seets, Or)
13270 NEW YORK RADIO: NY US 1418 5/4 USB (wx, ID) (Johnson, Il)
13290 HONOLULU RADIO: Hi US 2207 USB (wkg UNITED 49, 170) (Seets, Or)
13291 GANDER RADIO: Newfoundland Canada 1656 4/18 USB (wkg NORTHWEST 55) (Lukas, NY); GANDER RADIO: Newfoundland Canada 1802 3/20 USB (wkg TWA 901) (Fitzgerald, RI)
13330 HOUSTON RADIO: Tx US 1838 4/6 USB (wkg N7000C, 140 CH) (Navary, Va)
15035 TRENTON MILITARY: Ontario Canada 2134 USB (aero wx, ID) (Seet, Or)

CW

- 500 VCG: Riviere-au-Renard Coast Guard Radio Quebec Canada 0842 4/2 (gale warning) (Navary, Va)
3313 HEP: NO ID Switzerland 0020 4/1 (George, Ma)
3362 TBH3: NO ID Turkey 0405 3/22 (George, Ma)
4247.8 KPH: San Francisco Radio Ca US 0236 4/12 (marker) (Lukas, NY)
6369.5 D3E41: Luanda Radio Angola 0045 4/12 (marker) (Lukas, NY)
6376.6 WCC: Chatham Radio Ma US 0132 4/12 (marker) (Lukas, NY)
8346 C6ID7: M/T Nausicaa 2211 4/5 (Bahamas tanker, wkg Madrid Radio w/telegram. (Baker, Oh)
8366.5 UWXJ: TH Zorinsk 2227 4/5 (clg unk stn UWX) (Baker, Oh)
8368.1 SWUJ: Vessel Stella 2221 4/5 (clg CLA, no joy) (Baker, Oh)
8437 4XZ: Israeli Navy Haifa Naval 0156 4/27 (marker) (Baker, Oh)
8440 VCS: Halifax Coast Guard Radio Canada 1634 4/5 (marker) (Lukas, NY)
8470 XFL: Mazatalan Radio Mexico 1110 3/26 (CQ) (George, Ma)
8510 FFL2: St Lys Radio France 0222 4/27 (marker) (Baker, Oh)
8522.5 FFL2: St Lys Radio France 0222 4/27 (marker) (Baker, Oh)
8573 CLA2: Havana Radio Cuba 0234 4/27 (wkg u/id ves in SS) (Baker, Oh)
8589 HPP: INTEL MAR Radio Panama 0241 4/27 (marker) (Baker, Oh)
8636 VNG: Time Signal Australia 1115 3/26 (time pips, ID) (George, Ma)
8645 UAT: Moscow Radio Russia 0249 4/27 (wkg UIHM ?, bad QRM from near by RTTY stn) (Baker, Oh)
8690 6VA: Dakar Radio Senegal 2204 3/27 (FF wx) (George, Ma)
8701 HKB: Barranquilla Radio Columbia 0247 4/6 (ID) (Lukas, NY)
8704 SVB4: Athens Radio Greece 0035 4/10 (marker) (Lukas, NY)
8986 MKL: 2011 4/20 (wkg Y1E, ID) (Bottonelli, Italy)
12880.5 VCS: Halifax Coast Guard Radio Canada 1327 4/7 343 (marker) (Brewer, Ks) (welcome to the column Don-MW)
12831 3BM: Port Louis Radio Mauritius 2220 4/1 (CQ) (George, Ma)
12958.5 PPO: Olinda Radio Brazil 0040 3/13 (marker) (Fitzgerald, RI)
13025.6 WLO2: Mobile Radio Al US 1438 4/18 (marker) (Lukas, NY)
13077.3 HZG: Damman Radio Saudi Arabia 2008 4/18 (marker) (Lukas, NY)
13083 HKB: Barranquilla Radio Columbia 2215 3/19 (marker) (Fitzgerald, RI)
16962 FUF: Fort de France Radio Martinique 1705 4/11 (marker) (Lukas, NY)
16981.1 DAM: Norddeich Radio Germany 1729 4/11 (marker) (Lukas, NY)
17190.1 D3E71: Luanda Radio Angola 1644 4/19 (marker) (Lukas, NY)

MARINE

- 2182 VCN: Cap-aux-Meules Coast Guard Radio Quebec Canada 0318 4/13 USB (MAYD relay for unk vessel w/5 people on board, QRM) (Baker, Oh)

2410 TXU: St Pierre Radio 0636 4/2 USB (FF wx) (Navary, Va)
2572 WLO: Mobile Radio AI US 0501 4/19 USB (wx) (Baker, Oh)
2622 CAPE RADIO: FI US 1015 4/9 (establishing comms before shuttle launch w/SRB recovery ships) (Roach, Ca) (Welcome to the column Tom-MW); CAPE RADIO: US 0915 4/9 (wkg Freedom Star) (Roach, Ca)
2716 NIGW: Tug USS Paducah (YTB-758) 1228 4/25 USB (clg another Tug, clg Norfolk Harbor Control) (Navary, Va)
3130 4FT: 0253 4/5 USB (wkg QR) (Lukas, NY)
3365 CAPE RADIO: FI US 0909 4/9 (wkg Freedom Star) (Roach, Ca); CAPE RADIO: 0734 4/8 USB (wkg USCGC Harriet Lane (WMEC-903) w/radio chks, in support of STS 59) (Baker, Oh)
4125 S/V NELLIE: 0320 4/24 USB (wkg COMMSTA Boston w/emergency comms, caught in storm, sail lost, EPIRB activated, cutter ETA 8 hrs, requesting helo assistance) (Navary, Va)
4387 WOO: Oceangate Radio NJ US 0801 USB (tfc list) (Seets, Or)
4400 KMI: San Francisco Radio Ca US 1217 USB (wkg WHISKEY ROMEO GENDER 6057, others, AT&T phone number) (Seet, Or); KMI: 0800 USB (tfc list) (Seets, Or)
4425 NO ID: 1040 USB (wx for Ca, Seattle, other) (Seets, Or)
6200 OWQF5: Hans Maersk 1400 4/30 USB (wkg NMN, picked up 5 people in raft, advised to proceed to Key West sea buoy and meet USCG vessel for transfer to PAX) (Navary, Va)
6227 AAEF: USAV Lt Gen Wm B. Bunker (LSV-4) 0006 4/6 USB (wkg AAC2 w/status rpt); AADT: USAV Aldie (LCU-2004) 1747 4/6 USB (wkg AAC2) (Baker, Oh)
6236 IKE: NO ID 2243 4/25 USB (wkg CLINCH, other stns, probably Haiti blockade ops) (Navary, Va)
6501 NMN: USCG CAMSLANT Chesapeake Va US 1713 4/16 USB (wkg ves Diamond-torpedo recovery vessel) (Baker, Oh)
6504 CGF: NO ID Canada 1112 4/15 USB (clg ves Terry Fox, no joy, vessel Andy Larson, no joy) (Baker, Oh)
6779 DRDM: U-19 0030 4/29 USB (wkg DHJ59 in EE, German submarine (S-198)) (Navary, Va); DRAN: NO ID 0250 4/29 USB (wkg DHJ59 in EE, anyone have a name for this German Naval c/s) (Navary, Va); DHJ59: Wilhelmshaven Naval Germany 0407 4/27 USB (wkg/clg FGS Glucksburg (A-1414)-German Navy Replenishment ship, U-19 Attack sub, DRJM- u/id German Naval ship, FGS Rhein (A-58)-multipurpose tender, others) (Baker, Oh)-very interesting catch Jim and Rich)
8176 VIS: Sydney Radio Australia 0740 4/4 USB (wx, tfc list) (Baker, Oh)
8207 NVLA: USS Vella Gulf (CG-72) 2321 4/5 USB (wkg WOM for R/T tfc) (Baker, Oh)
8240 GACG: HMS Argyll 0005 4/7 USB (clg Portishead Radio several times over an hr, no joy) (Navary, Va); NCSR: NO ID 0500 4/2 USB (wkg COMMSTA New Orleans w/position rpt, call originally assigned to USNS Bowditch-reportedly decommissioned-any ideas who has c/s now??) (Navary, Va); NCSR: 1548 4/2 USB (clg NMG using c/s GOP, then called as NCSR, no joy, WHO IS THIS???) (Navary, Va)
8294 JACKSONVILLE RADIO: FI US 0535 5/3 USB (wkg various ships re/sea conditions/fuel) (Johnson, II)
8297 AAEF: USAV Lt Gen Wm B. Bunker (LSV-4) 0049 4/9 USB (wkg AAC2 re/pp, new U.S. Army Transportation Corps freq) (Baker, Oh)
8396.53 MSB NEOTRAZIMIJ: 0130 4/3 (4 number grps) (Roach, Ca)
8402.99 PB RIZHSKOE VEMOR'E: 0445 4/25 (poor signal) (Roach, Ca)
8719 NUCU: USS Barnstable County 1828 4/9 USB (wkg USS Recovery (NIID)) (Navary, Va)
8731 WOM: Pennsuco Radio FI US 0332 4/5 USB (coast channel 805) (Lukas, NY)
8803 FJA: Mahina Radio Tahiti 0641 4/2 USB (FF wx) (Navary, Va)
12299 VJAV: Australian Venture 2240 4/1 USB (wkg Portishead Radio) (Navary, Va)

16360 LAFAYETTE: NO ID 1745 4/2 USB (wkg WOM w/R/T tfc) (Navary, Va)
16366 P3DG4: NO ID 1822 4/2 USB (clg Cyprus Radio, no joy) (Navary, Va)

PHONE

4510 CAPE RADIO: FI US 0912 4/9 (wkg Freedom Star) (Roach, Ca)
4900 CAPE RADIO: FI US 0910 4/9 (wkg Freedom Star) (Roach, Ca)
5000 WWVH: Time Signal Hi US 0628 4/24 353 (time, wx) (D'Angelo, Pa)
5180 NHNC: USCGC Harriet Lane (WMEC-903) 0731 4/8 USB (wkg CAPE RADIO and USS Macinerney (FFG-8) in support of STS-59) (Baker, Oh)
5320 NVOR: USCGC Point Countess 0053 4/1 USB (wkg GROUP St Pete re/SAR) (Navary, Va)
6815.5 FOXTROT CHARLIE: USCG 0529 4/3 USB (wkg DELTA for contact rpt on M/V Christopher Nathalie, USCG Able Manner comms not same as JTF (UN Haiti)) (Baker, Oh)
6997 6YF: 0855 5/1 USB 243 (wkg FOXTROT (possible UN/IRC BOSNIA) w/coded position rpt) (Bottonelli, Italy)
7335 CHU: Time Signal Canada 1000 (time pips) (Seets, Or)
7535 MCM-14: Mine Countermeasures Ship Chief (1146 4/28 USB (precommissioned ship wkg SESEF Norfolk) (Navary, Va); NKZI: USS Pensacola 1433 4/6 USB (wkg SESEF Norfolk) (Navary, Va)
7536.5 NO ID: 1635 4/6 USB (wkg 38 w/request to make ramp 15 mins early, heard for past year, who are they???) (Baker, Oh)
7741 NRDC: USCGC Campbell (WMEC-909) 0548 4/13 USB (wkg RESCUE 31 w/comms info, ops rpt) (Baker, Oh)
7831 NIGHTWATCH: USAF 2101 4/5 USB (wkg ADVISABLE, c/s is the NEACP program-probable E4B, odd that tactical c/s was not used) (Baker, Oh)
10711 USS VELA GULF: 1650 4/6 USB (wkg SESEF Norfolk) (Navary, Va)
14441.5 NNNONXJ: USS Tortuga 0135 4/11 USB (clg ASSMS) (Navary, Va); NNNOCBV: USS Canopus 2210 4/11 USB (wkg NNNONRI Pt Hueneme Ca) (Navary, Va)

RTTY/FAX

4179 M/V NORDICA: 0517 4/24 SITOR A (tlx to Intermarine Inc) (Navary, Va)
4211.5 KFS: Palo Alto Radio Ca US 1525 4/8 444 (wkg V2SG) (Berri, Ca)
4271 CFH: Canadian Forces Meteo Halifax Nova Scotia 0415 4/29 75/850 344 (RYs, ID wx) (Berri, Ca)
5102.5 JMG2: Tokyo Meteo Japan 1450 4/8 50/850 232 (coded wx) (Berri, Ca)
5168.5 NNNOZLS: NO ID 0725 4/2 SITOR A (wkg NNNOGKF w/MARSGRAMS) (Navary, Va)
6266.2 NMN: CAMSLANT Chesapeake Va US 2325 4/5 SITOR (mrkr w/CW ID, hrd ltr on 6268.8, why would NMN be transmitting on ship sub-band??) (Navary, Va); NMF: USCG COMMSTA Boston Ma US 1603 4/15 SITOR B (idling) (Baker, Oh)
6267.5 UKSZ: M/T Mate Zalka 1240 4/9 SITOR A (tlx re ETA SW Passage, LA) (Navary, Va)
6274.5 HJNL: CTE Lucia 0124 4/27 SITOR A (tlx to TSM/YK) (Navary, Va)
6304.22 TKH KORSAKOV: 1218 4/15 50/170N (Roach, Ca)
6310 PZ S LAZO: 1138 4/15 50/170N (admin msg) (Roach, Ca)
6310.04 PKB KONSTITUTSIYA: 1359 4/3 50/170 (msg re/ship's contents) (Roach, Ca)
6881 NNN0YKE: 0639 4/21 PACKET (300 baud PACKET net, selcall NMRD, wkg NAVMARCOR-MARS) (Baker, Oh)
8165 5YD7: Meteo Nairobi Radio Kenya 0005 4/3 50/280 454 (RYs) (Card, RI)
8379 P3GX2: M/V Laodiki II 0138 4/18 SITOR A (tlx to Panama re/ETA Balboa) (Navary, Va); HAMLET ARABIA: 0152 4/17 SITOR A (msg to Oetker Hamburg) (Roach, Ca)
8379.5 SFFM: M/V Joh. Gorthon 0033 4/26 SITOR A (tlx to ECAREG) (Navary, Va)
8380 C6JB3: M/V Lara K. 0304 4/25 SITOR A (tlx to TUDOL UK) (Navary, Va)
8381 OWD2: Seaboard Arrow 0604 4/5 SITOR A (AMVER rpt) (Navary, Va)

8387 3EGR6: M/V Recife 0313 4/25 SITOR A (tlx to SAFBANK London) (Navary, Va)
8388 WTEG: NOAA Mt Mitchell 0044 4/28 SITOR A (movement rpt via NMN) (Navary, Va); LA BOHEME: 1225 4/19 SITOR A (tlx to Savannah re/ETA Pilot) (Navary, Va)
8390.5 M/T APNOIA: 0153 4/2 SITOR A (tlx to BRAVO Tankers re/ETA Pt-au-Pierre, Trinidad) (Navary, Va)
8396.5 PB TOMSK: 0813 4/25 50/170N (personal msg) (Roach, Ca)
8397 UPTT: PB Severoboetsk 0714 4/27 100/170N (Roach, Ca); PB A POZDNYAKOV: 116 4/15 50/170 (Roach, Ca)
8402.04 RTMS NOVOSOKOLNIKI: 1409 4/3 50/170 (msg to "Radio Station Pacific Ocean") (Roach, Ca)
9967 LYNX: NO ID 2022 3/19 SITOR A (ID) (George, Ma)
11090 KVM70: Honolulu Meteo Hi US 0601 4/21 FAX (infra-red satellite imagery, surface chart) (Baker, Oh)
12477.5 P3QM2: M/V Frio Chile 2311 4/24 SITOR A (tlx to LOMARSHIP London) (Navary, Va)
12480.5 YJXK3: M/V Paxi Rex 1816 4/28 SITOR A (tlx tfc) (Navary, Va)
12488.5 C6JF9: Trans Argo 2236 4/10 SITOR A (tlx to TRANSOIL Athens) (Navary, Va)
12498 9HNM3: M/V Jadran 2204 4/22 SITOR A (tlx tfc) (Navary, Va)
12501.5 BRUNTO: NO ID 2345 4/5 SITOR A (tlx to ABOJEB MLA) (Navary, Va)
12507 WMRU: SS Corpus Christi 0812 4/24 SITOR A (tlx to AFRAM Carriers) (Navary, Va)
12536 UPQO: TR Komsomoliya Kalingrad 0350 4/29 50/170 222 (wkg UKA) (Berri, Ca)
12557 5AOV: M/V Ufuk 2046 4/24 SITOR A (tlx to TURLIB) (Navary, Va)
12561 NO ID: 0150 4/3 50/170 (4 number grps) (Roach, Ca)
12581.5 WLO: Mobile Radio AI US 1515 4/8 SITOR A 333 (Caribbean wx) (Berri, Ca)
12611 WLO: Mobile Radio AI US 2355 4/29 SITOR A 343 (nx, tfc list) (Card, RI)
12639.5 OST: Ostend Radio Belgium 2345 4/29 SITOR A 454 (idling) (Card, RI)
12833.5 NAN: USN Va US 1600 4/3 75/850 354 (5 ltr grps) (Card, RI)
12900 PWZ33: Rio Radio Brazil 2330 4/29 75/850 454 (PP tfc, ID) (Card, RI)
13366.5 5YD9: Nairobi Air Kenya 2255 4/24 50 baud (coded wx) (Navary, Va)
13510 CFH: Halifax Military Nova Scotia Canada 1515 4/10 FAX (surface chart, excellent quality) (Navary, Va)
16685.5 OXTZ2: Seaboard Sun 1145 4/28 SITOR A (AMVER rpt) (Navary, Va)
16694 DZUV: M/V Handy Explorer 1827 4/24 SITOR A (tlx to Tokyo via KPH) (Navary, Va)
16707.5 T/T KAROLINE: 1658 4/24 SITOR A (tlx to KRISTAN PIRAEUS) (Navary, Va)
16713.5 OXDF3: M/V Torm Freya 1805 4/26 SITOR A (wx obs) (Navary, Va)
16786 DVEE: M/V Transgiant 2240 4/27 SITOR A (msg tfc for delivery via DZK. crew messages) (Navary, Va)
16810.5 FFT: St Lys Radio France 2000 4/6 SITOR B (tfc list) (Navary, Va)
22390.5 FFT92: St Lys Radio France 1636 4/22 SITOR A (wkg unk ship w/"resealsisseze oucde help+") (Baker, Oh)

With his loggings, Hank Lukas sent a note letting me know that I had goofed up in the April column. Some logs were attributed to him that were not his. They were: 22376 NOJ, 22388 NMO and 22421.6 WLO. Also, he indicated that he did not report 4332.5 FUF and that the correct frequency is 4232.8. I'm sorry about the screwup and want to apologize to Hank and to the person who did not receive proper credit. Mea culpa.

I've also learned that Grove Enterprises is starting up a new magazine just for satellite enthusiasts. Its going to be called SATELLITE TIMES. It will come out every other month and a subscription will run \$16.95. Contact Grove at P.O. Box 98, Brasstown, N.C. 28902 or 704-837-9200 for more information.

While cruising on the ANARC BBS I ran across some information that should

interest you aero monitors out there.
Of potential interest to FAX viewers:

Area: SW_ECHO
Msg: #26980
Date: 05-12-94 14:50 (Public)
From: JOHAN HABING
To: ALL
Subject: NORTHWOODFAX SCHEDULE

.....
Hello All!

Today I received the schedule of a station called NORTHWOODFAX. The frequency was about 6446.0 kHz (- 1.5 kHz offset) USB.

=====
N O R T H W O O D F A X W E F 2 8 M A Y 9 3
SCHEDULE OF TRANSMISSIONS ALL TIMES ZULU

0300 Schedule	1210 Repeat 0950
0320 00Z Surface analysis	1230 06Z Sea & Swell Prog
0400 18Z Sig SU Wind & Wx Prog	1300 Sea Surface Temp. Analysis
0440 Satellite Pictures	1330 Satellite Pictures
0540 00Z Selected Upper Air Ascents	1425 NAC TAFS
0600 Repeat 0320	1500 12Z Surface Analysis
0620 NAC TAFS	1640 Schedule
0730 Repeat 0400	1650 12Z Selected Upper Air Ascents
0750 Combined 0 & 2 Deg C 12Z Anal.	1730 Satellite Pictures
0825 Gale Summary	1830 Gale Summary
0950 06Z Surface Analysis	1950 Repeat 1500
1040 Satellite Pictures	2025 Repeat 1150
1130 Gale Summary	2050 Repeat 1230
1150 06Z Sig SU Wind & Wx Prog	

Area: SW_ECHO
Msg: #24515
Date: 05-02-94 23:45 (Public)
From: ARY BOENDER
To: ALL
Subject: RAF DESIGNATORS

.....
Hoi allemaal, During the past few years I collected a whole lotta RAF designators.
Please post corrections and / or additions in this echo. Have fun !

--[RAF designators]--

--[Compiled by Ary Boender]--

--[Spykenisse, the Netherlands]--

DES	FREQ	DES	FREQ	DES	FREQ	DES	FREQ	DES	FREQ
A	11.204	BK	3.947	F	13.257	KJ	4.719	QR	8.790
AB	5.361	CA	8.965	FG	11.208	KP	2.641	QV	4.397
AD	9.011	CY	3.116	FS	4.742	KR	4.484	RD	5.729
AE	3.939	D	4.707	FW	5.721	KT	5.420	RE	5.178
AF	9.022	DA	5.436	HE	3.880	L	5.447	RM	5.461,5
AG	4.822	DH	13.245	HJ	8.984	MS	3.218	ST	2.591
AH	3.916	DK	6.730	HM	6.742	NJ	8.987	TG	6.765
AL	6.748	DM	8.996	HW	11.234	NK	11.270	TQ	3.345

AM 3.051 DS 6.693 JN 3.126 PE 6.757 TS 4.845
AN 6.760 DW 9.032 JP 5.717 PH 8.967 TW 4.710
AW 4.043 E 3.102 JT 6.690 PK 5.095 UA 5.471
B 6.738 EA 6.504 KA 3.380 PO 6.715 UT 4.540
BF 3.130 ET 4.716 KD 3.867 PR 3.864 WM 3.026
X 5.403
ZA 5.712

... Random noise provided by the Dutch Telephone Company

--- FMail 0.94

* Origin: SCRAMBLE BBS +31-10-4563747 (2:286/406.0)

I also got a letter from Jim Clar commenting on an article in the March issue of the British publication SHORTWAVE MAGAZINE. The article sorted out frequency usage for the various Pacific Aeradios. Jim found the tables in the article not very user friendly and recompiled the information. I'll be glad to make copies of his retabulation available to anyone who wants it for a SASE.

By the way, SHORTWAVE MAGAZINE is a very interesting read. I've picked up back issues the last couple of years at Dayton. This year I decided to get a subscription. They stress construction projects and first hand reports in their articles and seem to be heavily into tv and weather satellite monitoring among other things. The prices they pay for gear are enough to make your eyes water. They pay in pounds what we pay in dollars for the same boxes.

Hope propagation improves. Loggings are down this month. Hopefully things will get better. Until next month.

//////////////////////////////////// UTILITY NOTES //////////////////////////////////////

News and Information from the World of Utilities

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How about that? This is the one year anniversary of Utility Notes! Time flies when your having fun...

Conditions were very poor over much of last month as many of you know. But, there were ute's out there to be had!

Most notable, with the change to springtime conditions, were the German Navy on 6779.0 Khz USB. This is DHJ59, the German naval station at Wilhelmershaven. No I don't speak German, they speak english! When I first reported this back in 1993, folks thought I was crazy. The ships will call using phonetics and english: "Delta Hotel Julliet five-niner, <repeats>, this is Delta Romeo Alpha X-ray, <repeats>, over". After DHJ59 answers, the callsign's often get shortened to "five-niner" for DHJ59, and the last two letters of the ships callsign, or "Alpha X-ray" in this case. All German Navy ships start with "DR", so if you hear just "Hotel Papa", this would be "DRHP". After contact the stations pass RTTY traffic to each other. After, they will acknowledge the traffic with international "Q" codes. If they should have to speak German, they will announce "German language follows". Why in english? Darned if I know, but I would suspect it has something to do with being with NATO perhaps. By the way, the DRAX I used in my example is the FGS Gorch Fock (A-60), a masted "tall ship" training Barque that is the sister of the USCGC Eagle! Heard 2200-0600 UTC almost daily.

Now we spin the dial up to 11178.0 Khz, USB, and see what the Dutch Navy

is doing. This is PJK, Suffisant Dorp Naval, Curacao, Netherlands Antilles. Again, like 6779.0, phonetics and english are used. Also, like the German's, the Dutch naval ships callsign's all have a common first 2 letter's. Their's start with "PA". The only warship I've heard since they started drifting in was PAMA, HRMS Karel Doorman (F-827), lead ship of the Karel Doorman-class frigates. Heard 1300-1330/2200-2330 UTC.

Not to forget the multi-mode folks, nothing spectacular, but USCG CommSta Boston (NMF) was noted working the USCGC Eagle on 6266.2 and 12560.2 Khz with UNCLAS traffic/messages in FEC last month. Also, USCG CAMSLANT Chesapeake (NMN) working the USS Joseph Hewes (FFT-1078), NELP, in clear text RTTY (75/880) UNCLAS traffic/messages between both, on 6958 Khz with RY's on 3387 and 7528 Khz, this month. This was the first time I'd snagged any traffic of this sort, so it was interesting to see.

RD Reviews: The Comprehensive Guide to Military Monitoring by Steve A. Douglass

Yes boys and girls this month "RD" will review this just released book from Universal Electronics! Douglass, you may recall, recently came in the national spotlight after taking home video of a "mystery" aircraft. His book is some 280 pages of A through Z "how to" monitor the military. And I mean its a "how to". Chapters guide the new comer to the hobby through various types of receivers, their controls, choosing and/or installing various antenna, right up to explaining the types of coax. "Military Monitoring" includes HF to UHF.

Various U.S. Air Force and Navy nets are described, including the U.S. Air Forces Global High Frequency System (GHFS), Mystic Star and the U.S. Navy's HICOM frequencies.

Under the "stuff I haven't seen before" department is extensive coverage of the U.S. Navy's FLTSATCOM satellites. These birds are fairly extensively covered and listed individually. A list of all known frequencies and their use is given. And of course "how to listen" advice is given.

Another chapter covers all major U.S. Air Force installations in great detail. Included are runway/base maps, base location (lat/lon), units and aircraft assigned and a list of the known base frequencies, both air and ground.

Code words and military acronyms, including various commands, identifiers and call signs are also extensively covered. Another area of the book gives a list of base location, base ID's and their DSN's (or autovon) phone numbers. This is a helpful tid-bit of information for tracking down call signs. For example, if we hear WILDE 23 call his base at a certain DSN, we can see which base/unit is being called. Now we can go to the "installations" section of the book and see which aircraft the units fly. One unit may fly KC-135's (tankers) and the other C-130's (cargo). If WILDE 23 mentions cargo, then its the C-130 and you have a possible ID for the call sign.

The final chapter discusses "black projects" and the military monitor.

I spent a great deal of time checking this information for accuracy and it appears the list is fairly clean with some new material I've not seen before.

But all in all, the ideal book for the "newbie" and not so newbie military listener, and a title that the more advanced listener can use for the new reference material. Its kind of like having 2 or 3 reference books in one. Remember, the book covers 2 to 410 Mhz plus!

The Comprehensive Guide to Military Monitoring is available from Universal Electronics Inc., 4555 Groves Rd., Suite 13, Columbus, Ohio 43232

(614) 866-4605. Cost is U.S.\$19.95 (add \$4.00 for priority mail).

MILITARY

U.S. Navy

~ The U.S. Navy Arleigh Burke-class Aegis Guided Missile Destroyer USS Ramage (DDG-61) was christened in late April at Pascagoula, Ms. The ship is expected to be commissioned in September, 1995.

~ The U.S. Navy frigate USS Estocin has departed Naval Station Newport, RI, mid-May for her new homeport at Norfolk, Va. The USS Estocin was the last ship to depart NavSta Newport marking the first time that no ship has been homeported there since 1955.

~ Apparently the Henry J. Kaiser-class fleet replenishment oiler USNS Yukon (T-AO-202) is in service. Although nothing has been seen announcing the commissioning of Yukon, Steve "Mr. Warship" Schultz spotted her name in a recent transit list for the Panama Canal, Pacific bound. She may be on her delivery cruise. Yukon is the third from the last of this class.

NAVMARCORMARS Update

Shore station changes were made with NNN0NBL deleted. Ship call sign NNNOCQZ has been reassigned to USS CURTIS WILBER (DDG-51) FPO AP 96683-1272.

The following call signs are now decommissioned or otherwise no longer used: NNN0CAH, NNN0CBL, NNN0COZ, NNN0CRS, NNN0CTO and NNN0NTO.

MARITIME

Brisbane Radio, VIB, Australia

The folks at Brisbane Radio, VIB, in Australia, were good enough to send some information on their station with a recent QSL:

Brisbane Radio is operated by Telstra Mobile Satellite & Radio services and is one of six HF/VHF stations providing communications to maritime/land/aeronautical mobiles located throughout Australia, S.E. Asia and the S.W. Pacific areas.

At the present, VIB operates 2030 to 1430 UTC daily, but is scheduled to recommence as a 24 hour station by mid-1995. VIB operates on the following HF radiotelephone channel pairs: 412, 415, 607, 815, 834, 1229, 1231, and 1610.

Also, at the present, VIB is a commercial shore station only as they run a paid radiotelephone service and do not participate in the Global Maritime Distress and Safety System (GMDSS), as do other Telstra stations. So there are no scheduled HF weather broadcasts.

The other Telstra stations are: Sydney Radio, VIS; Melbourne Radio, VIM; Perth Radio, VIP; Darwin Radio, VID; and Townsville Radio, VIT. These stations do broadcast HF weather on 2201.0, 4426.0, 6507.0, 8176.0, and 12365.0 (recently added) Khz, USB, at the schedule below.

VIS 0533 *1103 1333 1733 *2103

VIM 0733 *1133 1303 1933 *2333

VIP 0718 *0918 1318 1918 *2318

VID 0803 *1133 1403 1803 *2133

VIT 0633 *1033 1233 1633 *2233

*High Sea's Weather at these times, other times for coastal waters

A Utility Note "tip of the 'ole ute hat" goes out to VIB for their kindness in providing that information on their station. And now onto more maritime news.

The Great Lakes shipping season has opened and the first "salties", or

ocean-going vessels have made their way into ports along the Great Lakes. The first laker's to move cargo were the SS Arthur M. Anderson and the M/V Edgar B. Speer. Listen for a big increase in traffic now for WLC Rogers City Radio.

Also on the Great Lakes, Great Lakes Bulk Carriers, the combined fleet of Misener and Canada Steamship Lines, has been sold to Upper Lakes Shipping and Algoma Central. This could mean some of the older ships may be headed for the scraper.

Still Cruising

~ Cunard Line's M/S Queen Elizabeth 2 will be refurbished at the end of this year at a reported cost of some \$45 million dollars.

~ Walt Disney announced recently it would start its own cruise line by 1998. The first ship is planned to be launched in 1998. The cruise includes a stop at Walt Disney World in Florida and of course will feature Disney characters and entertainment. Disney had an agreement with Premier Lines for the last nine years that provided a similar service. That agreement ended a few months ago.

~ Names have been chosen for two new 1800 passenger cruise ships being built in France for Royal Caribbean Cruise Lines. The first, due to be launched in April 1995, will be "Legend of the Seas". The next, due to enter the fleet in March 1996, will be "Splendor of the Seas". Another unnamed 1950 passenger cruise ship has also been ordered with an option to build another.

~ Norwegian Cruise Lines M/S Starward, a 525 foot 16,107 ton cruise ship, ran aground in February. The ship was about five miles from St. John, U.S. Virgin Islands, waiting to anchor when the accident occurred.

AERO

Tim Braun has another "in progress" mystery station he is trying to track down. This one is a mystery LDOC on 8095/11470. Tim says he has heard the woman ID'ing as 'Sylvair', 'Big A', 'Connie Ops', and 'Khalitta Ops', so it may be a Connie Khalitta operation. All of the aircraft they work go to/ from Miami. Also heard was SKYTRUCK 600 departing Miami at 1030 UTC w/ETA Grand Turk 1330 UTC. He was working Khalitta Ops.

Tim further reports that Aviation Daily recently reported a crash last August of a Connie Khalitta DC-8 flying into Guantanamo Bay, Cuba. The interesting thing was that they said it was operating as American International Airways Flight 808. Which would help explain why on 8095/11470 Tim has heard Connie Ops, Khalitta Ops, and Big A aircraft...now who is Sylvair?

Connie Khalitta is primarily a freight hauler home based out of Michigan. Anyone have any other information?

Tim also reports an ad that ran in Aviation Daily that might appeal to some: '94 Jet & Propjet Corporate Directory - "the most comprehensive compilation of facts and figures on turbine business aircraft ever printed". More than 18000 aircraft now operating in the US and more than 135 other nations are listed on the pages of this "easy-to-follow guide".

For easy access to information, a cross-reference index - by make, model, serial number and registration mark - is provided in the back of the book.

Military operated business type aircraft are included. Cost is U.S. \$19.95 + \$2.90 S/H from AvCom International, AVD-3, PO Box 2398, Wichita, KS 67201. Or by phone at (316) 262-1493.

Neither Tim or I have seen this guide, the information above is taken from the ad in the magazine. Does sound interesting...

That's it for this month. Have yourself a good one...DE RD...out

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Note: This is the Sept. 'Electronic Edition' and is from the June 1994
SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091. SPEEDX
utility coverage now consists of three columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and
schedule information. Contributions in these area's can be sent to
Mike.

UTILITY NOTES: Edited by Richard "RD" Baker. News and information
about the world of utilities, and utility stations. Contributions in
these area's can be sent to myself.

UTILITY VERIFICATIONS: Edited by Tim Braun. "UTE" only QSL's and
Verifications. QSL info. I hope to add Tim's column to the electronic
edition soon.

SPEEDX members had this information over 2 months ago! If you would like
to receive this information as quickly as our members do, SPEEDX publishes a
monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN
0882-8091). Some of the other column's include:

THE DXperience: Focusing on notes, news, and views of what's happening in
the exciting world of Shortwave radio. Edited by Dan
Brame

TRASH & TREASURE: Information on catalogs, freebies, promotions,
and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by
Daniel Sampson. (73540.3025@compuserve.com)

SHORTWAVE TO GO!: News and information on shortwave broadcast stations.
Edited by Richard E. Hankison

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Tim J. Johnson

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

SPEEDX AWARDS: A wide variety of awards are available for members
DX'ing accomplishments, Harold Woering, Awards
Chairman

....and more!

If you would like to learn more about the SPEEDX radio club,
(the Society to Preserve the Engrossing Enjoyment of DX'ing), a
Non-Profit ALL Volunteer hobby organization founded in 1971, please
write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196,
DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

11178 PAMA: HrMS Karel Doorman 1935 5/6 USB (clg PEMMA, no joy) (Navary, Va)
Dutch warship -RD
11220 SIERRA 310: USAF 1605 5/12 USB (on CHANNEL BRAVO, msg re a press
conference, dinner w/Russians, menu) (Lukas, NY)
11300 MAURITIUS 042: 0025 5/22 USB (wkg Cairo w/flt level rpt and position)
(Clar, NY); EGYPT AIR 822: 0213 5/22 USB (wkg Khartoum w/position rpt)
(Clar, NY)
11306 LIMA RADIO: Peru 0443 5/12 USB (wkg AMERICAN 999, 901) (Navary, Va)
13201 XPM: USAF Thule Greenland 1758 5/17 USB (SKYKING b/c) (Lukas, NY)
13217 XRAY 906: USAF 1921 5/17 USB (Base NIGHTWATCH wkg perimeter) (Lukas, NY)
13354 POLYNESIAN 315: 0036 5/6 USB (wkg Honolulu w/position rpt, SELCAL chk-
CQJR) (Clar, NY); AIR CHINA 986: 0053 5/6 USB (wkg Honolulu) (Clar, NY)
15015 ADN: NO ID 1545 5/15 USB (unk USA vessel wkg McDill GHFS w/pp to
AAC2-Ft Eustis Va Harbormaster) (Navary, Va)

CW

4015 NMH: USCG Systems Command Alexandria Va US 1906 5/21 (wkg KC8UR, clg
CQ & QSX 3705 for Armed Forces Day) (Baker, Oh)
4192 SZJM: M/V Pacific Prosperity 0402 5/11 (AMVER msg) (Navary, Va)
6288 IGJ43: Augusta Naval Radio 0420 5/11 (marker) (Navary, Va)
6834.2 NBL: USN NAVSUBASE Groton Ct US 1543 5/21 (wkg W9SUM, K1VMI for Armed
Forces Day) (Baker, Oh)
6970 NMN: USCG CAMSLANT Chesapeake Va US 1530 5/21 (wkg W8FEC, K4FRM, WQ5L
for Armed Forces Day) (Baker, Oh); 6970; NMN: CAMSLANT Chesapeake
0240 5/22 (sending SECDEF msg for Armed Forces Day) (Navary, Va)
8352 SYRF: M/V Golden Trader 0254 5/17 (wkg HPP w/msg to Panama) (Navary,
Va)
8374 ELLE3: M/V Van Trader 0505 5/4 (wkg KFS) (Navary, Va)
8402 C6JF3: M/V Chiquita Roma 0146 5/21 (wkg OBC3) (Navary, Va)
8459 YQI4: Constanta Radio Romania 0130 (wkg YQCM, YQHY, YQRC)(Navary, Va)
8470 XFL: Mazatlan Radio Mexico 1127 5/15 (marker) (Navary, Va)
8506 XSX: Chi Lung Radio Taiwan 1125 5/15 (marker) (Navary, Va)
8527 OBY2: Paita Radio Peru 0344 5/11 (wkg PPXN) (Navary, Va)
8577 HLO: Seoul Radio S Korea 1120 5/15 (marker) (Navary, Va)
8606 ZRQ: Cape Naval S Africa 0551 5/20 (sending PARIS loop, marker)
(Navary, Va)
8682 EAD: Madrid Radio Spain 0206 5/12 (wkg ICVG) (Navary, Va)
12581.1 KFS: Palo Alto Radio Ca US 1437 4/28 (ID) (Lukas, NY)
12696.1 KFS: Palo Alto Radio Ca US 2043 5/10 (marker) (Lukas, NY)
12750 CWA: Cerrito Radio Uruguay 2300 (ID, call for tfc) (Babin, Ma)
12780 D3E51: Luanda Radio Angola 2032 5/10 (marker) (Lukas, NY)
12800.4 PCH51: Scheveningen Radio Netherlands 1848 5/12 (marker) (Lukas, NY)
12857.6 6WW: Dakar Naval Radio Senegal 1802 5/4 (marker) (Lukas, NY)
12861.3 4XO: Haifa Radio Israel 2011 5/10 (marker) (Lukas, NY)
12874.8 VCS: Halifax CG Radio Nova Scotia Canada 1508 5/5 (marker) (Lukas,
NY)
12888.4 EAD44: Madrid Radio Spain 1605 5/4 (marker) (Lukas, NY)
12913.1 FFL6: St Lys Radio France 1540 5/4 (marker, CQ) (Lukas, NY)
13034 WCC: Chatham Radio Ma US 1445 5/4 (marker, CQ) (Lukas, NY)
16835 WNU: Slidell Radio La US 0100 4/28 (ID) (Lukas, NY)
16976 USCG NORFOLK: Va US 2315 (CQ, ID) (Babin, Ma.)
16984 RIO RADIO: Rio de Janeiro Brazil 2310 (call for tfc) (Babin, Ma)
17050.8 4XZ: Haifa Radio Israel 1930 4/29 (marker) (Lukas, NY)
17074 LGB: Rogaland Radio Norway 1840 5/21 (tfc list, CQ marker) (Baker,
Oh)
17194.5 PPR: Rio de Janeiro Brazil 1920 (ID) (Hall, SA)

17215 JBD: Nagasaki Radio Japan 0916 (ID) (Hall, SA)
17232.8 9VG53E: Singapore Radio 0913 (M/17232.9 khz QSX 16Mhz CH13458 10)
(Hall, SA)
22450.1 PPO: Olinda Radio Brazil 1910 5/29 (marker) (Ward, Ca)
22460.9 FUJ: Noumea Naval New Caledonia 2254 5/8 (marker) (Ward, Ca)
22476 NMO: USCG COMMSTA Honolulu Hi US 0345 5/10 (marker) (Ward, Ca)
22485 VHC: Belconnen Australia 0231 5/10 (marker) (Ward, Ca)
22518 WCC: Chatham Radio Ma US 2202 5/28 (marker) (Ward, Ca)
22544 FUM: Papeete Naval Tahiti 2201 5/7 (marker) (Ward, Ca)
22565 XSW: Taichung Radio Taiwan 0456 5/21 (marker) (Ward, Ca)
22587.5 LPD91: General Pacheco Radio Argentina 2156 5/5 (marker) (Lukas, NY)
22592.5 A9M: Bahrain Radio Bahrain 0351 5/21 (Ward, Ca)
22610.5 CLA: Havana Radio Cuba 2138 5/28 (marker) (Ward, Ca)
22646.5 JOS: Nagasaki Radio Japan 0220 5/10 (marker) (Ward, Ca)
22669.5 JCS: Choshi Radio Japan 2311 5/8 (marker) (Ward, Ca)
22688.6 WLO: Mobile Radio Al US 2134 5/23 (marker) (Lukas, NY)
22690.5 JOU: Nagasaki Radio Japan 0214 5/10 (marker) (Ward, Ca)

MARINE

518 USCG COMMSTA BOSTON: Ma US 5/12 SITOR B (wx b/c sked) (Babin, Ma)
2182 H9CK: M/V Freewinds 0547 5/31 USB (wkg Bermuda Harbor Radio re
distressed M/V Elaine taking on water, QSY 4125) (Baker, Oh)
2670 NMR1: USCG San Juan Puerto Rico 0658 5/24 USB (wkg S/V Sandy Kay 2 re
medico on bd, establish radio guard) (Baker, Oh)
4113 HPEN: C/S SS Britanis 0321 5/27 USB (wkg WOM w/R/T tfc) (Baker, Oh)
4125 H9CK: M/V Freewinds 0612 5/31 USB (wkg USCG San Juan re M/V Elaine
taking on water, pumps and supplies passed to Elaine, Elaine enroute
to San Juan) (Baker, Oh)
4134 NRCB: USS Bowen (FFT-1079) 0233 5/11 USB (wkg NMN w/2 xmitr tests)
(Baker, Oh); NPCR: USCGC Dallas 0532 5/3 USB (wkg COMMSTA New Orleans)
(Navary, Va)
6200 NOPQ: USS Thorn (DD-988) 1839 5/9 USB (wkg NMF-COMMSTA Boston, re
secure RTTY freq) (Baker, Oh)
6224 SOUTHBOUND II: 0030 5/29 USB 444 (wkg various vessels in Caribbean
w/wx) (D'Angelo, Pa)
6227 AADX: USAV Buena Vista 2221 5/16 USB (clg AAC2, no joy, QSY Channel 5)
(Navary, Va)
6516 NDCH: USCGC Point Francis (WPB-82356) 1653 5/26 USB (w/CTU, cutter in
"green", CTU in red or clear) (Baker, Oh); USCGC Grand Isle: 1344 5/28
USB (wkg CTU) (Navary, Va) *CTU is Commander Task Unit -RD
8198 6NBK: Vessel Je Won 55 0014 5/26 USB (w/R/T tfc via WOM) (Baker, Oh)
8207 IBBG: American Family Cruises (Costa) SS American Adventure 1430 5/5
USB (w/R/T tfc via WOM) (Baker, Oh)
8216 WOO: Oceangate Radio NJ 1413 5/10 USB (wkg Glorianna) (Lukas, NY)
8240 NRQW: USCGC Sweetgum (WLB-309) 0420 5/18 USB (clg NMG, no joy) (Baker,
Oh); GXBH: HMS Beagle 2228 5/5 USB (clg Portishead Radio) (Navary, Va)
8297 ADNF: NO ID 2232 5/16 USB (unk USA vessel, clg USS Buena Vista-AADX)
(Navary, Va)
8776 W3F: USN 0437 5/17 USB (wkg a/c net w/Y4W, V4S w/coded msg, coast
channel 820) (Lukas, NY) USN HICOM -RD
12242 ICGA: M/V Aquitania 1718 5/6 USB (wkg NMN re medical problem, request
that NMN pass msg to CIRM Rome) (Navary, Va); NYWL: USCGC Thetis 1933
5/20 USB (wkg CAMSLANT w/pp to Group Key WEST) (Navary, Va)
12500 FOUR ZULU: 1856 5/4 USB (wkg ONE YANKEE, middle of ship RTTY band)
(Navary, Va)

PHONE

4020 WAR: Ft Detrick Md US 1515 5/21 LSB (wkg N2BIN, AA3CT, W2LVN for Armed Forces Day, ID, listening on 3995.5 for QSOs) (Baker, Oh)
4035 AAR: Ft Bragg NC US 0139 5/22 LSB (wkg W4NJKI for Armed Forces Day) (Baker, Oh)
4038.5 NAV: USN MARS HQ Md US 0145 5/22 USB (wkg WA4JQS for Armed Forces Day, listening on 3965) (Baker, Oh)
6779 DRDX: German Navy Attack Submarine FGS U-30 0020 5/14 USB (wkg DHJ59-Wilhelmshaven in EE/GG/RTTY comms) (Baker, Oh); DRDV: German Submarine U-28 0341 5/13 USB (wkg DJH59) (Navary, Va); DRKD: Gluecksburg 0421 5/6 USB (wkg DHJ59) (Navary, Va)
6834.5 NBL: NAVSUBASE Groton Ct US 1630 5/21 LSB (clg CQ, announcing 7520, wkg WA8AHV for Armed Forces Day) (Baker, Oh)
7313.5 AFF2T: USAF MARS Training Net 1450 5/21 USB (Baker, Oh)
7345 NMH: USCG System Command Alexandria Va US 2054 5/21 USB (clg CQ, listening on 7252 LSB, wkg VE3HMV for Armed Forces Day) (Baker, Oh)
7391 NNN0CVG: USS Dwight D. Eisenhower (CVN-69) 2035 5/21 USB (wkg NNN0ZTI w/pp tfc) (Baker, Oh)
7535 MCM-11: USS Gladiator 1456 5/24 USB (unk call, wkg SESEF re xmitr tests, QSY 18200) (Baker, Oh); NZDN: USS Fairfax County 1424 5/13 USB (wkg Norfolk SESEF) (Navary, Va)
7741 NICB: USCGC Forward (WMEC-911) 2355 5/13 USB (wkg AIRWOLFE 73 for landing time) (Baker, Oh)
14441.5 NNN0CVV: USS Yellowstone (AD-41) 1903 5/1 USB (clg ASSMS) (Baker, Oh)
14478.5 NZJ: MCAS El Toro Ca US 1926 5/21 USB (wkg K4KBI, K8AQ, N3KLR for Armed Forces Day) (Baker, Oh)
15630 NO ID: 0004 5/15 AM (SS 5 numbers grps) (Bellovich, FI)
16300 OMZ: MFA Prague Czech Republic 1605 USB (nx in Czech) (Hall, SA)

RTTY/FAX

518 VFN: CCG Montreal Canada 0750 5/31 FEC (w/experimental FF NAVTEX info) (Baker, Oh)
3898.2 TNL: ASECNA Brazzaville Congo 0141 ARQ M2 96/408 (idling) (Hall, SA)
4023.6 3BZ: Plaisance Air Mauritania 0152 ARQ E3 48/864 (idling) (Hall, SA)
4487.6 TNL: ASECNA Brazzaville Congo 0210 ARQ M2 96/394 (wx codes) (Hall, SA)
4813.2 LZA8: Sofia Meteo Bulgaria 0342 50/497N (wx codes) (Hall, SA)
5160.2 5UA: ASECNA Niamey Nigeria 0227 ARQ M2 96/406 (wx codes) (Hall, SA)
5474 CSY: Santa Maria Air Azores 0455 5/31 50/750 (RY, ID) (Baker, Oh)
5847.9 TUH: ASECNA Abidjan 0405 50/427R (meteo codes) (Hall, SA)
6785 MKK: British Army London UK 1830 VFT 50/170 (RYs, ID) (Hall, SA)
6835.3 NO ID: 0153 5/22 50/400 (coded wx) (Baker, Oh)
6895.4 NO ID: 1840 ARQ E3 72 476 (scrambled FF tfc) (Hall, SA)
7464.6 5YE: Nairobi Meteo Kenya 1900 FAX (very good Indian Ocean chart) (Hall, SA)
7508 ZRO2: Pretoria Meteo South Africa 0434 FAX (vg chart on 7506.3 USB) (Hall, SA)
8165 5YD: Nairobi Air Kenya 0016 5/31 50/170 (RY, ID) (Baker, Oh)
8225.9 NO ID: 1710 86/999 (queer speed/shift, garbage on screen) (Hall, SA)
8366 WTEJ: NOAA Survey Ship McArthur 1440 5/11 SITOR A (wkg NMC w/AMVER tfc) (Blair, Ca)
8376 GBTT: Queen Elizabeth 2 0203 5/31 SITOR A (tlx tfc, off the coast of Normandy for D-Day events) (Baker, Oh)
8381 NQST: USNS Sealift Arctic 2145 5/6 SITOR A (obs msg) (Navary, Va)
8401.5 USYQ: PB Baltijskaya Slava 0019 5/31 50/170 (RY to UIW, no joy)

(Baker, Oh)
8414 UJUF: TH Anna Ul'yanova 0420 5/3 50/170 (TG's) (Baker, Oh)
8465.7 JJC: Tokyo Radio Japan 1743 FAX 60/576 (JJ newspaper, very interesting) (Hall, SA)
8556.1 SAB44: Goteburg Radio Sweden 1753 SITOR A (tfc in Swedish for "Vikingland") (Hall, SA)
10133 NPL: DIRNAVMARCORMARS Reg 5 San Diego Ca US 0340 5/22 75/170 (msg from Sec of Defense) (Baker, Oh)
10496.2 MKK: British Army London UK 1820 VFT 50/170 (on several channels) (Hall, SA)
11139 CTV71 ?: Portuguese Navy ? 0450 5/18 75 baud (ID correct ?, 2 stns on same freq sending to each other, one stn ends with QAP NESTA, QAP=listen for me on...) (Navary, Va)
11326 ALB2: NO ID 0440 5/18 PACKET (attempting to contact ALB, BOM attempting to contact OLI, no idea who this is, any ideas ???) (Navary, Va)
12140 HWN: French Navy Paris France 1706 75/800R (RYs/SGs+ 1WERTYOUOP ??) (Hall, SA)
12474 C4BT: M/V Hunter 2140 5/20 SITOR A (tlx w/position rpt) (Baker, Oh)
12481.5 PGKQ: Vessel Northern Explorer 0318 5/18 SITOR A (Dutch tlx, SELCAL QYYV) (Baker, Oh)
12507 KNJA: SS Tampa Bay 1230 5/30 SITOR A (tlx tfc) (Navary, Va)
12559 YLBP: MK Z. Griva 2219 5/8 RTTY (RY to UDH Riga Radio, into TGs) (Baker, Oh)
12585 WLO: Mobile Radio AI US 2200 5/10 SITOR A 555 (nx) (Card, RI)
12780.5 5BJB: M/V Seaboni 1623 5/6 SITOR A (tlx to Athens in Greek) (Navary, Va)
13444.4 RFQP: French Forces Djibouti 1055 ARQ E3 100/377 (idling) (Hall, SA)
13864.5 NO ID: 1700 SITOR A (always idling, never sending) (Hall, SA)
14356 GFL24: Bracknell Meteo UK 2047 5/21 50/400 (coded wx) (Baker, Oh)
14359.1 SNN299: MFA Warsaw Poland 0700 72/261N (Polish/EE tfc to embassies, weird shift) (Hall, SA)
14383 GXQ: British Army London UK 2010 5/21 50 baud (test tape) (Navary, Va)
14642.1 MFA CAIRO: Egypt 0725 SITOR A (EE nx) (Hall, SA)
14960 RFTJ: French Forces Dakar Senegal 0920 ARQ E3 192/404 (idling) (Hall, SA)
15562.6 NO ID: 1646 PICCOLO (strong signal) (Hall, SA)
15950 RBI777: Moscow Meteo Russia 1636 FAX 90/576 (fair chart) (Hall, SA)
16092.8 ECHO: South Africa 1138 PACKET (ECHO chatting to Lima in Africaans) (Hall, SA)
16104.2 MFA OSLO: Norway 1147 TWINPLEX 100/? (M7000 can not decode) (Hall, SA)
16125 RFQP: French Forces Djibouti 1155 ARQ M2 200/393 (CdeV @+50, unlisted in Klingenfuss) (Hall, SA)
16187 5YE: Nairobi Meteo Kenya 1231 FAX (superb chart) (Hall, SA)
16261.9 RFTJD: French Forces Libreville Gabon 1610 ARQ E3 192/393 (5 ltr grps for RFFABCR, RFFIM) (Hall, SA)
16312.6 C37A: NO ID 1600 100/314 (listed in Klingenfuss, could not decode) (Hall, SA)
16689.5 YJZD3: Chemshion 0020 5/27 SITOR A (wkg KPH) (Blair, Ca)
16693.5 GBSA: M/V Author 1802 5/26 SITOR A (AMVER msg) (Navary, Va)
16697.5 UKVD: M/V Novokuibyshevsk 1910 5/22 SITOR A (AMVER msg) (Navary, Va)
16699.5 UBSR: Kapitan V. Izanov 0010 5/27 SITOR A (wkg HPP w/coded wx) (Blair, Ca)
16702 C6KK9: Franina 2324 5/23 SITOR A (w/tfc for NYC via WCC) (Blair, Ca)
16703.5 DZUV: M/V Handy Explorer 2136 5/20 SITOR A (tlx via Scheveningen

The most often asked question is how can a new person "break into" the utility listening hobby and understand anything at all? Well first, one has to understand that under the umbrella of "utilities" lay many different and unique sub-groups. You have your SSB or single side-band folks, who enjoy listening to several sub-groups within that area. We have maritime, international aero, government and military stations making up the lions share of listening. Now we divide say...military...into several more sub-groups such as your "serious" Air Force, or Navy listeners for example. Then some just like to tune around and see what they catch.

We have the multi-mode folks who, through the use of various decoders, search the bands for the sounds of various transmission modes, which are cropping up in a very wide variety of modes. We can again sub-divide these folks into specialty areas. For example Russian maritime RTTY or FAX reception.

Then we have the Numbers Stations folks, who enjoy the chase of finding and logging those strange numbers counters that turn up. Spies? Or Spy vs Spy? Non-directional beacon chasing also remains popular.

There are more, and not to offend anyone, the point is we have a lot of angles to look at the "ute's". So to assist the new comer in "listening to the ute's" and perhaps provide information other "veterans" didn't have before, from time to time I will present one aspect of utility listening with complete background and information as a "Monitoring the ____" series. This month the series will start with Monitoring the U.S. Coast Guard. I know there are many Speedx members who are very proficient in one aspect of the ute's or another. I'd invite these folks to interest others into their part of the hobby by writing a small article. Speedx editors start with a legal sized page. One to three pages would be ideal. Perhaps by taking the cloak off some of these stations, methods and modes more people will enjoy "listening to the ute's"!

Monitoring the U.S. Coast Guard

Members

The U.S. Coast Guard is the smallest overall in number of the five Armed Services of the United States (Army, Navy, Marine Corps, Air Force, CG). The Coast Guard becomes a part of the Navy during times of war. As of August 1991, they had 36,906 active personal made up of: Officer Corps 5,522, Warrant Officers 1,501, Cadets 921, Enlisted 29,883, and Selected Reserve 12,135. The U.S. Coast Guard traces its start back to the Revenue Marine formed in 1790. Through a variety of mergers and name changes (including the U.S. Lighthouse Service) the service became known as the U.S. Coast Guard in 1915.

Organization

Simply put, the command structure is made up of "Districts" located in the COMPACAREA or Pacific Command Area and COMLANTAREA or Atlantic Command Area. These Districts are made up of the next level in command, the "Group", as in Group Cape May or Southwest Harbor Group you may have seen logged.

These Groups are made up of "Stations" (formerly Lifeboat Stations) of which there are some 150 along the shores of the U.S.

So the Stations make up the Group and the Group answers to the District who answer to the Area Command.

Boats and Cutters

Boats include approximately 2000 (number fluctuates). All craft under 65

feet in length are in this classification. Craft include Motor Lifeboat; Motor Surf Boat; Utility Boat; Surf Rescue Boat; Port Security Boat; Ports and Waterways Boat; Aids to Navigation Boat; and a variety of smaller, non-standard boats. Sizes range from 63 feet in length down to 16 feet. A "Cutter" is basically any Coast Guard vessel 65 feet in length or more, having adequate accommodations for crew to live on board. All larger cutters over 180 feet in length are under Area Commands. Cutters under 180 feet are under District Commands. The largest except for the ocean going icebreakers, are the High Endurance Cutter (hull designation WHEC). There are 12 WHEC cutters, all are 378-Class or Hamilton-class cutters. The names of the cutters honor individuals.

The next class down are Medium Endurance Cutters, or WMEC's. These are presently made up of several classes. The newest, the Bear or 270-class, are numbers WMEC-901 thru 913.

Icebreakers (hull designation WAGB): 399 or Polar-class: Length: 399 feet, Crew: 138, Maximum Speed: 18 knots, Maximum Range: 28,000 miles. These are the USCGC Polar Sea and USCGC Polar Star which serve in the Arctic and Antarctic. These are two of the largest ocean-going icebreakers in the world. The 290-class is the USCGC Mackinaw, which serves exclusively on the Great Lakes.

Icebreaking Tugs (WTGB): These are made up of the 140 Bay-class: Biscayne Bay, Bristol Bay, Katmai Bay, Mobile Bay, Morro Bay, Neah Bay, Penobscot Bay, Sturgeon Bay, and Thunder Bay.

Surface Effect Ship, "Seabird" Class (Hull designation WSES) were all decommissioned in February of this year. The three cutters; Sea Hawk, Shearwater, and Petrel, were all deployed in the Florida Keys.

Patrol Boat cutters are made up of several classes, the newest being the Island-class (Hull designation WPB-1301 to 1377).

Patrol Craft, Large are made up of the Point-class (also WPB's) which will soon start to decommission. All of this class names start with the word "Point", as in the USCGC Point Arena.

Buoy Tenders, Seagoing (WLB) are made up of several classes.

Training Cutter (WIX): USCGC Eagle is 295 feet long with a maximum speed of 11/16 knots under full sail. Training complement is 12 Officers, 38 crew, and 150 cadets (average). Eagle is a three masted sailing Barque with some 21,350 square feet of sail. Homeport is at the Coast Guard Academy, New London, Ct. It is the only active commissioned sailing vessel in U.S. maritime services and one of five such Training Barques in world. "Sister-ships" include the MIRLEA in Romania, SAGRES II in Portugal, the FGS GORCH FOCK (A-60) in Germany, and the TOVARICH in Russia.

WFCI's are the "Cigarette" boat like Fast Coastal Interceptors, based in the Fl. Keys. All are used in the drug interdiction roll, and all use tactical call signs. These cutters are believed to be to be assigned to JTF4 (Joint Task Force 4), a multi-agency drug interdiction task force.

Here is the complete breakdown of the classifications: WHEC - Heavy Endurance Cutter; WMEC - Medium Endurance Cutter; WAGB - Icebreakers; WAGO - Oceanographic Cutter; WPB - Patrol Boat Cutters; WFCI - Fast Coastal Interceptor; WIX - Training Cutter; WLB - Offshore Buoy Tender; WLI - Inshore Buoy Tender; WLIC - Inland Construction Tender; WLM - Coastal Buoy Tender; WLR - River Buoy Tender; WSES - Surface Effects Ship; WTGB, WYTM, and WYTL - Tugs.

U.S. Coast Guard Aircraft

The HH-60J Jayhawk is the newest addition to the aviation fleet. The United States Coast Guard plans to add over 30 medium range recovery HH-60J helicopters to its fleet to replace the HH-3F Sikorsky Pelican. The H-60 is similar lo the HH-3F in many ways, and the assigned mission will be the same.

However, the H-60 will have numerous upgrades including a state of the art electronics package. The H-60 is lighter, faster and the engines have more power. The H-60 will not be able to perform water landings, which the H-3 is capable of. Coast Guard Air Station Elizabeth City was the first operational unit with the Jayhawk. HH-60J Air Stations: Alabama: ATC Mobile; Alaska: CGAS Kodiak & CGAS Sitka; California: CGAS San Francisco; Florida: CGAS Clear-water, Mass.: CGAS Cape Cod; North Carolina: CGAS Elizabeth City; Michigan: CGAS Traverse City.

Long a mainstay, the Sikorsky HH-3F "Pelican" is close to, if not completely phased out of service. In 1969, Sikorsky delivered the first HH-3F to Air Station New Orleans. The basic design was put in service in 1959 with a civilian designation of S-61. A few modifications were made to this design to tailor the aircraft to the specific needs of the Coast Guard. It is from this design that the U.S. Coast Guard ordered forty airframes.

Another well used helicopter is the Aerospatiale HH-65A "Dolphin". The United States Coast Guard has 96 short range HH-65A helicopters in its fleet. The twin-engine Dolphins operate up to 150 miles off shore and will fly comfortably at 150 knots for three hours. Though normally stationed ashore, the Dolphins can be carried on board medium and high endurance Coast Guard Cutters.

The primary fixed wing asset used is the HU-25A "Guardian". Forty-one HU-25A, medium range surveillance fan jets replaced the HU-16E Albatross and the C-131A Samaritan prop driven aircraft, in the Coast Guard aviation fleet. The Guardian's modern technology and design enhances its performance as the services first multi-mission jet.

Where to Listen

Ok, now you need to know where to listen. 90% of your comms are on the following freqs:

- 2182 International Distress.
- 2670 Coast Guard cutters, SAR's and non-CG ships.
- 3123 Air to Ground with CommSta's
- 3253 1st District/Group Woods Hole.
- 4426/4134 4 Megs SCN or Systems Coordination Net (Shore/Cutter).
- 5320 Group Common.
- 5692 AirSta's, Air-Ground
- 5696 Air to Ground with CommSta's
- 6501/6200 6 Megs SCN (Shore/Cutter).
- 6516 Cutters, aircraft, CommSta's/Groups. 50/50 secure.
- 8764/8240 8 Megs SCN (Shore/Cutter).
- 8984 Air to Ground with CommSta's
- 11201 Air to Ground with CommSta's
- 13089/12242 13 Megs SCN (Shore/Cutter).

Notice that the SCN frequency pairs are regular maritime duplex channels. These are also "public" frequencies where non-Coast Guard ships can contact the USCG also. All of these frequencies are Upper Side Band (USB).

Mostly what you will hear on the majority of these frequencies are the "CommSta's" or Communications Stations. There are "senior" stations on each coast. On the east coast we have CAMSLANT Chesapeake (CAMSLANT = Communications Master Station Atlantic), c/o NAVSECGRUACT Northwest, Chesapeake, VA 23322-2598 with the call sign NMN. On the west coast its CAMSPAC San Francisco (CAMSPAC = Communications Area Master Station Pacific), 1700 Sir Francis Drake Blvd, P.O. Box 560, Pt. Reyes, CA 94956-0560, call sign NMC. Other CommSta's include: Communications Station Boston, P.O. Box 608 Marshfield, MA 02050-0005, CALL: NMF;

Communications Station New Orleans, P.O. Box 520, Belle Chasse, LA 70037-0520, CALL: NMG; Communications Station Honolulu, Wahiawa, HI 96786-3050, CALL: NMO; Communications Station Kodiak Box 17, Kodiak, AK 99619-5000, CALL: NOJ. Miami (NMA) was recently closed, and Guam (NRV) has ceased scheduled broadcasts. Plans are under way to eventually run all comms from CAMSLANT and CAMSPAC via remote antenna sites.

Terms

The table below contains some of the more common USCG terms used on the air.

AIRSTA	Air Station
AMVER	Automated Mutual Assistance Vessel Rescue System
CAMSLANT	Communications Master Station Atlantic (Portsmo)
CAMSPAC	USCG Communications Area Master Station Pacific
CASREP	Casualty Report
CHARLIE	Copy, as in Affirmative, also "Charlie, Charlie"
COAST GUARD ZERO ONE	Aircraft with Commandant of USCG on Board
COMMSTA	Communications Station (USN, USCG) as in Comm-S
EIGHT MEGS	Refers to SCN frequency pair 8764/8240, OR 8984
ELT	Emergency Locating Transmitter
ELT PATROL	Enforcement of Trades and Treaties Patrol
EPIRB	Emergency Position Indicating Radio Beacon
FOUR MEGS SCN	Refers to SCN frequency pair 4426/4134
FOXTROT MIKE	"FM" Frequency (Most often in VHF Marine Band)
FRTT	Fleet Radio Teletype
HFDL	High Frequency Data Link
HOIST	As in doing a hoist, lifting someone from water
HOME PLATE	Home Base
HOTEL FOXTROT (FOX)	"HF" High Frequency/Shortwave, Sometimes Hotel
IN THE BLIND	Sending Message Without Hearing Response
LANDLINE	Standard Telephone
LIMA CHARLIE	Loud and Clear
MARS	Military Affiliated Radio System
MEDICO	Medical Emergency on Board Ship
NAS	Naval Air Station
PFD	Personal Floatation Device
PIW	Persons in Water
POB	Persons On Board
RADIO GUARD	Maintain a Listening Watch for Safety
RCC	Rescue Coordination Center
RDF	Radio Direction Finding
RTB	Return to Base
SAR CASE	Search & Rescue Mission
SARSAT	Search & Rescue Satellite
SCN	Systems Coordination Net
SEVENTEEN MEGS SCN	Refers to USCG SCN frequency pair 17314/16432 Khz
SITREP	Situation Report
SIX MEGS SCN	Refers to USCG SCN frequency pair 6501/6200 Khz
SOB	Souls on Board, Older Term for PIB
SOS	Save Our Ship, Mayday
UNIFORM HOTEL	Frequency band, as in: "UHF" or AM military aero
WILCO	Military Term for Will Comply
WINDOW FREQUENCY	Frequency of Actual RF Carrier

"That's a charlie, charlie" would mean "that's a copy" or yes, I understand. The letter "C" being the first letter in "Copy". The phonetics

make it more likely the message will be received.

Another typical message may go like "CommSta Boston, this is Coast Guard Rescue 2113, we were airborne at minute 35 from home plate AirSta Cape Cod with five POB. We are enroute to an EPIRB activation at (lat/lon) and request you take our radio guard".

So, 2113 is in comms with Communications Station Boston (NMF) and is telling them they took off from Air Station Cape Cod at 35 minutes after the hour with five persons on board the 2113. They are going out to check an Emergency Position Indicating Radio Beacon that has been detected as activated and they are requesting Boston maintain a listening watch for their safety.

Boston will confirm the data, and state "standard flight op's" and assign a primary and secondary frequency for the 2113 to use. Standard Flight Operations call for the aircraft to check in each 30 minutes with their position as long as they are airborne.

Coast Guard aircraft tasked on a SAR will ID as "Rescue" and their four number aircraft ID. Those not on a SAR type case will simply ID as "Coast Guard" and the four number ID.

Aircraft ID numbers are as follows:

1430-1497 HH-3F "Pelican"
1500-1720 HC-130 "Hercules"
2101-2168 HU-25-A "Guardian"
6001-6071 HH-60J "Jayhawk"
6501-6599 HH-65A "Dolphin"

A conversation I had recently with a former "Coastie" who flew HC-130's led to one term change. That was "home plate", which I had always taken to be "home base". Not so says the former flying Coastie, merely the point of departure.

I hope this quick tour helped shed some light on these comms for you. The U.S. Coast Guard also happen to be very good QSL'ers and offer excellent public relations with SWL's and amateur radio operators. Much of this information is courtesy of the USCG.

Some of the best listening I have heard has been on the U.S. Coast Guard HF frequencies. I hope you'll give them a listen. And, I hope you like this new feature!

While on the subject, Art Blair out in San Francisco checks in with some U.S. Coast Guard HF information from a 1994 Special Notice to Mariners:

Carrier frequencies are Khz, mode is USB, times are UTC

SHIP	SHORE	SAN FRANCISCO	HONOLULU	KODIAK
	NMC	NMO	NOJ	
4134.0	4426.0	0000-2400	0600-1800	On Request
6200.0	6501.0	0000-2400	0000-2400	0000-2400
8240.0	8764.0	0000-2400	0000-2400	On Request
12242.0	13089.0	0000-2400	0000-2400	On Request
16432.0	17314.0	On Request	On request	On Request

High Sea's Weather:

San Francisco, NMC 0430, 1030, 1630 & 2230 UTC

Honolulu, NMO 0545, 1145, 1745 & 2345 UTC

Kodiak, NOJ 0203 & 1645 UTC

Schedule of Marine Information including Broadcast Notice to Mariners

and Weather:

San Francisco, NMC 0203 & 1403 UTC on 2670.0 USB

Monterey, NMC6 0333 & 1533 UTC on 2670.0 USB

Humboldt Bay, NMC11 0303 & 1503 UTC on 2670.0 USB

Long Beach, NMQ 0503, 1303, & 2103 UTC on 2670.0 USB

High Seas Weather Facsimile Broadcast Schedule and Frequencies

San Francisco, NMO: 0145, 0300 & 0500 UTC on 4344.1, 12728.1, & 17149.3

1500, 1715, 2015 & 2330 on 8680.1, 12728.1, 17149.3 & 22527.0

MILITARY

U.S. Navy

~ The U.S. Navy George Washington J.T.G. deployed May 20. The group, centered around the Nimitz-class Nuclear Aircraft Carrier USS George Washington (CVN-73), making her first deployment. The George Washington and the Iwo Jima-class Amphibious Assault Ship USS Guam (LPH-9) will relieve the Saratoga JTG. Upon return, the Forrestal-class USS Saratoga (CV 60) will stand-down for decommissioning in August.

~ Jamaica recently agreed to let a U.S. vessel anchor in Kingston harbor, where it will be used for processing of Haitians found at sea. Under the plan, Haitians found at sea by the U.S. Coast Guard will be brought to the USNS Comfort (T-AH-20) anchored in Kingston harbor. There, 300 personnel, some of INS, and UNHCR personnel will interview them to decide if they are eligible for asylum. The Comfort left Norfolk, VA, earlier in June for Guantanamo Bay. This may be a rare change to log the USNS Comfort by either her international call sign NCOM or her Mars Station, NNNOCCF.

~ The U.S. Navy Cyclone-class Coastal Patrol Boat USS Scirocco (PC-6) was commissioned recently. Scirocco was the first Navy ship commissioned at the Washington Navy Yard in almost 120 years.

MARITIME

~ Tom Roach (CA) reports that recently Vladivostok Radio, UKA, on 8575 kHz, apparently changed their call sign to UFZ. Tom further reports "it is still in Vladivostok and works a small (probably single company) number of Russian fishing vessels".

Also, from the SWL Sig on Youngstown Freenet, I have news of another probable change for Arkhangelsk Radio. Derek Cooper in the UK reports hearing the call UCE for the last several months now on frequencies where he used to hear UXN. Can anyone confirm this is a callsign change for Arkhangelsk Radio?

Lastly, for the past seven to eight weeks, I have seen Russian and one Lithuanian ship sending RY markers in RTTY to "UIW". As I use a M-1000 decoder I can't determine for a fact if this is UIW or UIV as the M-1000 has no cyrillic capability. In non-cyrillic decoders, "W's" can also be "V's". Either way, its a new one. Following these RY markers, the telegrams or messages have been addressed to Murmansk, Kaliningrad and Riga Radio's, so no help there on the ship end yet.

~ For those of you who like odd things, Dutch Customs Service officers inspecting the Russian factory trawler BMRT Labrador (UHUS) after it docked today in IJmuiden, the Netherlands, found a body in the ship's freezers. The master of the ship said the body was that of a sailor who committed suicide at sea April 27. The captain ordered the body placed in deep-freeze until the ship returned to Russia. However, the captain didn't inform the officers of the body until it was found. A Dutch public prosecutor has confiscated the body and ordered an autopsy. The Labrador is heard quite often here in NE Ohio and I've logged her a number of times. Now...how many times have we all forgotten little things when we're busy....? Geez...DE RD

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Note: This is the Oct. 'Electronic Edition' and is from the July 1994
SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091. SPEEDX
utility coverage now consists of three columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and
schedule information. Contributions in these area's can be sent to
Mike.

UTILITY NOTES: Edited by Richard "RD" Baker. News and information
about the world of utilities, and utility stations. Contributions in
these area's can be sent to myself.

UTILITY VERIFICATIONS: Edited by Tim Braun. "UTE" only QSL's and
Verifications. QSL info. I hope to add Tim's column to the electronic
edition soon.

SPEEDX members had this information over 2 months ago! If you would like
to receive this information as quickly as our members do, SPEEDX publishes a
monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN
0882-8091). Some of the other column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in
the exciting world of Shortwave radio. Edited by Dan
Brame

TRASH & TREASURE: Information on catalogs, freebies, promotions,
and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by
Daniel Sampson. (73540...@compuserve.com)

SHORTWAVE TO GO!: News and information on shortwave broadcast stations.
Edited by Richard E. Hankison

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Tim J. Johnson

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

SPEEDX AWARDS: A wide variety of awards are available for members
DX'ing accomplishments, Harold Woering, Awards
Chairman

....and more!

If you would like to learn more about the SPEEDX radio club,
(the Society to Preserve the Engrossing Enjoyment of DX'ing), a
Non-Profit ALL Volunteer hobby organization founded in 1971, please
write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196,

DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

--

Rick Baker (ae...@yfn.ysu.edu)

(xx...@yfn.ysu.edu) yfn SWL Sig Sysop

Recorded live and direct from downtown Austintown, Ohio

(Clar, NY)
8846 NOAA 43: Hurricane Hunter 0112 8/21 USB (wkg NY w/position rpt, enroute to San Juan) (Clar, NY)
8855 ADK 097: ADC Airlines Nigeria 2357 8/12 USB (wkg Algiers w/position ICTAV) (Clar, NY)
8861 ASCOT 3221: RAF 0028 8/14 USB (wkg Dakar w/position rpt) (Clar, NY)
8864 GOLD 71: 1211 8/4 USB (possible Gold Belt Air Transport, wkg Gander w/position rpt) (Clar, NY)
8879 KUWAITI 101: 2010 8/4 USB (wkg Gander, speed advisory) (Clar, NY)
8891 KOREAN AIR 8952: 2341 8/9 USB (wkg Churchill Radio w/position rpt, SELCAL-KLAC) (Clar, NY)
8894 ZAMBIA 002: 0116 8/6 USB (wkg Algiers w/position rpt, enroute to London) (Clar, NY); ALGIERS AERADIO: Algeria 0028 9/6 USB (wkg Air Italia 584 and Springbok 256. Algiers was very weak, but both aircraft loud & clear) (Moore, Ia) (Welcome to the column Don-MW)
8903 SPRINGBOK 238: 0143 8/10 USB (wkg Niamey w/position ENDOK, SELCAL-CQBR, enroute Johannesburg to Heathrow) (Clar, NY); N'DJAMENA AERADIO: Chad 0001 9/6 USB good (wkg Springbok, Air Italia, & Angola Airlines) (Moore, Ia)
8906 AIR EUROPA 135: 2005 8/4 USB (wkg Gander) (Clar, NY)
8918 MERIDA AERADIO: Mexico 0015 9/6 USB good (caught end of Spanish traffic w/ID) (Moore, Ia)
8933 CEDAR RAPIDS RADIO: 0241 8/24 USB (wkg a/c 985-Rockwell ??) (Battles, NH)
8967 GHOST 1: USAF 2345 8/22 USB 444 (wkg MIKE w/contact-track numbers, cowboys, doubled w/EAM msg, MAINSAIL msg) (Wolfson, Oh)
9006 CANFORCE 6124: 0113 8/31 USB (wkg Trenton w/wx for Comox & Victoria) (Battles, NH)
9023 BROCHURE: 2130 8/14 USB (wkg NORTHERN LIGHTS w/msg for TANGO 9) (Braun, Va)
9037 NO ID: 0215 8/15 USB (man w/British accent repeating "operations normal") (Braun, Va)
10045 ROCKWELL FLIGHT TEST: Cedar Rapids Radio 0118 8/31 USB (wkg N094, also on 8822) (Battles, NH)
10075 SABRE 75FF: 1312 8/20 USB (wkg Universal Radio, Houston Tx) (Battles, NH)
11176 NLL12: USAF 2345 8/22 USB 433 (wkg MacDill w/pp request to OAKGROVE, MacDill could not complete patch , pp via Ascension-KEYHOLE contact) (Wolfson, Oh); NAVY ROMEO VICTOR 1 NOVEMBER: 0107 9/1 USB (wkg MacDill for pp) (Johnson, Il)
11191 NO ID: 0252 8/7 USB (w/a no acknowledge msg to YELLOW BLOOD) (Braun, Va)
11192 NO ID: 2240 8/1 USB (OSCAR 9494 clg RANGER BASE w/British accent) (Lukas, NY)
11233 TRENTON MILITARY: Canada 0115 9/1 USB (wx for locations id'ed by code for u/id flt) (Johnson, Il)
11236 SMOKEY 01: 1550 8/26 USB (wkg Andrews w/pp to Peterson AFB, Co) (Battles, NH)
11282 SAN FRANCISCO: Ca US 2344 8/20 USB (wkg UNITED 809 advising higher alt not possible because of tfc) (Battles, NH)
11288 ROCKWELL FLIGHT TEST: 1431 8/20 USB (wkg Saudi 001 w/pp to Jeddah Dispatch, ETA 0120) (Battles, NH)
11300 HEAVYLIFT 791: 0151 8/7 USB (wkg Cairo w/position TOKAR, AN124 enroute Djibouti to Frankfurt) (Clar, NY)
11309 AIR AFRIQUE 094: 1915 8/6 USB (wkg NY, SELCAL chk-BLEG, DC10-30, reg. TU-TAN) (Clar, NY)
11330 WORLD 246: 0036 8/1 USB (wkg NY, SELCAL-JMGL, ETA at Miami) (Clar,

NY)

- 11370 SYLVAIR: 1554 8/28 USB (wkg a/c 108) (Battles, NH)
- 13201 SHARK 86: USAF 0001 8/23 USB 433 (clg Albrook, no joy) (Wolfson, Oh)
- 13333.3 NO ID: 2337 8/16 USB 333 (man in SS "Correcto, Correcto", numbers) (Wolfson, Oh)
- 13356 AIR JAMAICA 017: 2327 8/14 USB (wkg Kingston Dispatch, diversion to Norfolk for wx, request for VHF freq) (Clar, NY)

CW

- 4207 3EHD5: M/V Sea Fighter 0331 8/30 (wkg WLO, QSY 8351 for msg tfc) (Navary, Va)
- 4405 KMI: San Francisco Radio Ca US 0302 8/9 (ID) (Lukas, NY)
- 6844.5 FDC: French Air Force Metz France 0417 8/1 (marker). (Baker, Oh)
- 8340 HCZV: M/V Provincia del Guayas 0047 8/29 (wkg CBV) (Navary, Va)
- 8350 VRUM5: M/V Taipan 0252 8/30 (wkg PPO w/msg tfc) (Navary, Va)
- 8352 6MRO: NO ID 0146 8/30 (wkg OBY2) (Navary, Va)
- 8355 SWQX: M/T Primaventure 0233 8/30 (wkg SVD) (Navary, Va)
- 8357 SVOG: M/V Flag Adrienne 0339 8/29 (wkg SVD w/msg tfc) (Navary, Va)
- 8360 3FWT3: M/T Trompeteros 0622 8/26 (AMVER msg) (Navary, Va)
- 8398 C6JD2: TK Kichem Mediterranean 0023 8/4 (wkg "UGB" in CW for 1 msg to Novoship) (Baker, Oh)
- 8475 FUX: Le Port Reunion 1205 8/19 (marker) (Thompson, NM)
- 8511 XSW1: Taichung Radio Taiwan 1210 8/17 (marker) (Thompson, NM)
- 8515 5AT: Tripoli Radio Libya 0349 8/3 (marker) (Baker, Oh)
- 8521 VIP: Perth Radio Australia 1220 8/18 (marker) (Thompson, NM)
- 8539 VRX35: Cape D'Aguilar Radio Hong Kong 1200 8/17 (marker) (Thompson, NM)
- 8570 HRV: USCG COMMSTA Barrigada Radio Guam 1145 8/17 (marker) (Thompson, NM)
- 8573 CLA: Havana Radio Cuba 0022 8/9 444 (ID) (Wolfson, Oh)
- 8590 XSV: Ho Chi Minh City Vietnam 1140 8/17 (marker) (Thompson, NM)
- 8604 DZJ: Bulacan Radio Philippines 1210 8/18 (marker) (Thompson, NM)
- 8609.5 9VG75: Singapore Radio 1132 8/17 (marker) (Thompson, NM)
- 8652.6 WLO: Mobile Radio AI US 0113 8/24 (marker) (Lukas, NY)
- 8665 XSQ: Guangzhou Radio China 1120 8/17 (marker) (Thompson, NM)
- 8680 WSC: Tuckerton Radio NJ US 1718 8/11 (tfc list, marker, tfc list, at 1740 wkg VRQY) (Baker, Oh)
- 8686 PKF: Makassar Radio Indonesia 1155 8/18 (marker) (Thompson, NM)
- 8688.5 ZSC: Capetown Radio South Africa 0005 8/17 (marker) (Thompson, NM)
- 8694 PJC60: Curacao Radio Netherlands Antilles 0001 8/17 (marker) (Thompson, NM)
- 8694.5 HMC: Chungin Radio North Korea 1130 8/18 (marker) (Thompson, NM)
- 8698 9MG2: Penang Radio Malaysia 1145 8/19 (marker) (Thompson, NM)
- 9050.9 NMO: USCG COMMSTA Honolulu Hi US 0607 8/3 (ID) (Lukas, NY)
- 12673.5 CLA: Havana Radio Cuba 0022 8/9 444 (ID) (Wolfson, Oh)
- 12741 CBV: Playa Ancha Radio Chile 2350 8/16 (marker) (Thompson, NM)
- 12857 GWW: Dakar Naval Senegal 2355 8/16 (marker) (Thompson, NM)
- 16690 HLO: Seoul Radio South Korea 0015 8/23 (marker) (Thompson, NM)
- 16932 7TF10: Boufarik Radio Algeria 2115 8/22 (marker) (Thompson, NM)
- 16957.7 FUJ: Noumea Naval New Caledonia 2317 8/16 (marker) (Thompson, NM)
- 16959 FUM: Papete Naval Tahiti 2315 8/16 (marker) (Thompson, NM)
- 16961 FUF: French Navy Martinique 0035 8/9 343 (ID) (Wolfson, Oh)
- 16980 DAM: Norddeich Radio Germany 1955 8/19 (marker) (Thompson, NM)
- 17050 4XZ: Haifa Radio Israel 2000 8/19 (marker) (Thompson, NM)
- 17052.5 JNA: Tokyo Radio Japan 2325 8/16 (marker) (Thompson, NM)
- 17162 PPO: Olinda Radio Brazil 2332 8/16 (marker) (Thompson, NM)

17230 CWA: Cerrito Punta Radio Uruguay 2100 8/18 (marker) (Thompson, NM)

MARINE

- 2182 MIRACLE BOY 1: 2208 8/11 USB (wkg Yarmouth CG Radio Canada re medical emergency onboard-PXT w/severe abdominal pain for 24+ hrs, request immediate assistance) (Battles, NH)
- 2670 NOJ: USCG COMMSTA Kodiak AK US 1108 8/18 USB (PAN-PAN at 21:50 8/17 a plane, N9630E, was reported overdue between Cold Bay and Dutch Harbor, AK, with 2 POB. (2) At 09:25 8/17 a 121.5 MHz EPIRB at 56.11N, 170.28W, was detected by satellite) (Cope, Tx)
- 3187 WRPH: Booster Recovery Ship M/V Liberty Star 0746 8/18 USB (w/rdo ck's w/"BRD", Booster Recovery Director in support of att launch of STS-68, shuttle Endeavor) (Baker, Oh)
- 4071 P3LU2: M/V Arethusa 0328 8/29 USB (clg/wkg WLO for R/T tfc to Istanbul) (Baker, Oh)
- 4077 WRC2722: Kodiak I 0238 8/28 USB (Cargo/passenger carrier clg WLO, for R/T call, reporting ves Titan having some kind of trouble) (Cope, Tx)
- 4092 WWXA: Global Marinor 0217 8/11 USB (U.S. flagged, concluding R/T tfc w/WOO) (Baker, Oh)
- 4113 ELJV7: Nordic Empress 0351 8/1 USB (Liberian-flagged passenger ves clg WOM w/R/T call) (Cope, Tx)
- 4125 KFJ: Galaxie Marine 1247 8/12 USB (Patterson, LA, wkg unid ves for routine report of status) (Cope, Tx)
- 4131 NTYL: USS Truxton (CGN-35 missile cruiser) 0147 8/31 USB (nuclear powered, clg WOM for R/T call) (Cope, Tx)
- 4146 ADMP: NO ID 0305 8/28 USB (clg RAIDER, DIVERSITY, then ADMO, no joy on all) (Cope, Tx)
- 4372 ZERO ROMEO PAPA: 0033 8/3 USB (wkg GIANT KILLER regarding cancelled event-SF101) (Wolfson, Oh)
- 4411 WLO: Mobile Radio AI US 1105 8/22 USB (Caribbean wx) (D'Angelo, Pa)
- 6230 WYB2576: Heide 0320 8/28 USB (F/V wkg unid) (Cope, Tx)
- 6501 NMO: USCG COMMSTA Honolulu Hi US 0608 8/7 USB (wx) (Cope, Tx)
- 6513 IQALUIT COAST GUARD RADIO: Frobisher Bay NWT Canada 0217 8/4 USB (notices to shipping in FF/EE, very good signal) (Braun, Va)
- 6624 WBN2079: Daring 0439 8/20 USB (tug clg KQZ449, Long Beach, CA, no joy, switched to 4 megs) (Cope, Tx)
- 6627 WAQ7177: Emerald Coast 2140 8/05 USB (tug clg KZU, Gulf Mississippi Marine, Harvey, LA, for status report) (Cope, Tx)
- 8198 WX5892: Fajardo 0005 8/15 USB (tug clg WOM, no joy) (Cope, Tx)
- 8216 SWBJ: Chios 0225 8/31 USB (Greek-flagged tanker clg Athens Radio for R/T call) (Cope, Tx)
- 8219 LIZA3: Sun Viking 0428 8/24 USB (Norwegian-flagged passenger ves wkg KMI for R/T tfc) (Cope, Tx)
- 8222 ELBM9: Tropicale 0352 8/9 USB (Passenger ship clg WOM for R/T tfc) (Cope, Tx)
- 8237 TCOM: Kasim Imamoglu 0206 8/29 USB (Turkish-flagged cargo ves clg WOO, Ocean Gate Radio, NJ, US, for R/T call) (Cope, Tx)
- 8240 VICTOR 7 PAPA: USCG 2327 8/22 433 (wkg COMMSTA New Orleans) (Wolfson, Oh)
- 8264 WAQ5977: Marine Guardian 1235 8/12 USB (barge wkg WOM for R/T call re engine problems) (Cope, Tx)
- 8267 NKVY: USNS Indomitable (AGOS-7, Military Sealift Command Ocean Surveillance ves) 0411 8/25 USB (clg WOM for R/T call) (Cope, Tx)
- 8270 LAOI4: Majesty of the Seas 0314 8/11 USB (Passenger ves on route to Jamaica fr Grand Caiman) (Cope, Tx)
- 8285 WTB4640: Celebration 0205 8/31 USB (Passenger ves clg WOM for R/T

call) (Cope, Tx)
8294 WBM8731: Sea Giant 0416 8/03 USB (tug wkg WPE w/status report) (Cope, Tx)
8722 ELLZ: Jo Aspen 0325 8/25 USB (Liberian-flagged tanker clg WOM, WOM could not hear well, and signed out) (Cope, Tx)
8731 3FGV2: Seabreeze I 0010 8/26 USB (Panamanian-flagged passenger ves clg WOM for R/T call) (Cope, Tx)
8749 WOO: Ocean Gate Radio NJ US 0402 8/11 USB (w/tfc list) (Cope, Tx)
12230 ELIR8: Star Princess 0216 8/20-94 USB (clg KMI for R/T tfc) (Cope, Tx)
12233 ELFK6: Jubilee 2207 8/8 USB (clg KMI for R/T tfc) (Cope, Tx)
12263 WBN2078: Apache 1544 8/13 USB (tug clg WLO Radio, Mobile, AL, for R/T tfc) (Cope, Tx)
12266 NO ID: 0034 8/1 USB (12266/13113, fisherman talking to wife, Halifax Coast Guard Radio asked them to move to 8 megs) (Cope, Tx)
12287 SXQB: Loussios 2211 8/7 USB (Greek-flagged cargo ship clg Athens Radio, SVN58) (Cope, Tx)
12296 ELBM9: Tropicale 2127 8/15 USB (Liberian-flagged passenger ves clg WOM for R/T tfc) (Cope, Tx)
12308 P3BR3: Integrity 0055 8/22 USB (Cyprus-flagged dry bulk carrier clg Szczecin Radio, Poland, no joy) (Cope, Tx)
12311 LAOI4: Majesty of the Seas 0200 8/08 USB (testing a new radio transmitter with WOO) (Cope, Tx)
12353 GCCB: London Victory 0005 8/10 USB (Tanker wkg London Spirit (GCCC, another tanker) re failing SatCom on Victory) (Cope, Tx)
13119 WOM: Pennsuco Radio FI US 0016 8/3 USB (12272/13119, wkg u/id ship w/billing problem) (Lukas, NY)
13131 NKVQ: USCGC Nantucket (WPB-1316) 0032 8/27 USB (wkg NMG for simplex pp, CNN reporter on board to do live voice over report re Cuban refugees. Nantucket featured for several days on CNN as was Laurel w/ABC) (Baker, Oh)
16360 ELFK6: Jubilee 2130 8/19 USB (Liberian-flagged passenger ves wkg WOM for R/T call, reporting problems with water jacket temperature) (Cope, Tx)
16420 ICSD: Antonio D'Alesio 1915 8/28 USB (Italian-flagged cargo ves clg Rome Radio) (Cope, Tx)
16471 5MUE: Avion 2045 8/13 USB (Liberian-flagged bulk carrier clg Szczecin Radio, SPO82, Poland for R/T tfc) (Cope, Tx)

PHONE

4585 BLUE FLT 201: 2316 8/22 USB (msgs to u/id location, also BLUE FLT 10, 3) (D'Angelo, Pa)
5290 575: 0150 8/6 USB (pp thru Stockholm) (Braun, Va)
5297 NO ID: 0414 8/17 AM (numbers stn, maybe from Germany) (Lukas, NY)
6796 NO ID: 0307 8/25 AM (5 grp SS numbers) (Lukas, NY)
6815.6 CHARLIE KILO: 0319 8/1 USB (wkg CHARLIE ALPHA-Haiti Ops) (Battles, NH)
6830 GD: 1138 8/22 USB (wkg 4X re HF comms in u/id country and possibility of establishing contact, possible pp) (Braun, Va)
7535 NORFOLK SESEF: Va US 1142 8/16 USB (wkg USS Hayler w/rdo chk) (Braun, Va)
7653 FOXTROT: 1115 8/23 USB (wkg G/1/T on freq TAMPA, comms problem w/G, could not go to 10MHz codename ST. PETERSBURG, others units went to NUCO "VJVH" UNNUCO-new DF for data-New Haiti freq ??) (Braun, Va)
7797 NO ID: 2216 8/22 USB (man shouting "Radio Check...Radio Check") (Braun, Va)

7850 NO ID: 2315 8/18 USB (Caribbean stn clg PZA-Suriname government, no joy, Caribbean Emergency Net freq) (Braun, Va)
 7865 5PW: Warszawa Radio Poland 0208 8/4 USB (marker, very good signal) (Braun, Va)
 7906 USCGC ESCANABA: 1137 8/29 USB (wkg USCGC Gallatin w/rpt that 02 RTB for hydraulic problem-new CG freq) (Braun, Va)
 8125 KLN80: FAA Atlantic City NJ US 1142 8/3 USB (wkg KDM52-FAA ARTCC Memphis Tn w/SHARES exercise msg) (Braun, Va); KHA950: NO ID 8/3 USB (wkg KLN80 w/SHARES msg) (Braun, Va)
 8636 VNG: Time Signal Australia 1127 8/17 (time pips) (Thompson, NM)
 9060 NO ID: 0105 8/11 USB (wkg ANDRE w/on ground times for various locations, Louisa, Henry, Cujulack mentioned-any ideas ??) (Braun, Va)
 11466 AFA: Andrews AFB USAF Md US 2210 8/16 USB 454 (pp) (D'Angelo, Pa)
 11659 NO ID: 0215 8/14 (W w/SS numbers) (Newbury, Ne)
 13440 ANDREWS: Md US 1545 8/21 USB (wkg NAVY 676 w/rx chk) (Braun, Va)
 15000 WWVH: Time Signal Hi US 0319 7/4 443 (woman w/time) (Newbury, Ne)

RTTY/FAX

4173 CALCICATE M/Box: NO ID 1120 8/18 Sitor-A ("Calciate mail box active" and idling till off) (Baker, Oh)
 4175 ELHI8: M/T Lasbek 0324 8/16 Sitor-A (Liberian flagged tanker, tlx to Denholm-Thames for ETA to pilot station) (Baker, Oh)
 4200 J4VK: M/V Anangel Fidelity 0441 8/29 Sitor-A (tlx for ETA Rio de Janeiro) (Baker, Oh)
 6263 KNIJ: S.S. Manulani 0414 8/29 Sitor-A (tlx for departure report fm Seattle, "twist lock count", Vsl at 33-41N/118-46W) (Baker, Oh)
 6264.5 P3RH3: Captain Pomerants 0254 8/1 SITOR-A (tanker, tlx for ETA Houston after dischg of 150,000 bbls at Galveston) (Baker, Oh)
 6265.5 KIHD: M/V John Lykes 0446 8/29 Sitor-A (tlx re arrived Port Everglades) (Baker, Oh)
 6266 P3TY4: LPG/C Kilgas Pioneer 0142 8/22 Sitor-A (LPG Carrier, tlx to Kil Man) (Baker, Oh)
 6269 OXIG6: M/V Philomena Purcell 0610 8/22 SITOR-A (tlx to Vancouver, provisions order to ship chandlers) (Navary, Va)
 6274.5 WVHS: SS Thompson Lykes 0855 8/24 SITOR-A (AMVER msg) (Navary, Va)
 6835 GFL22: Bracknel Meteo UK 0412 8/1 50/425 (coded EGRR wx) (Baker, Oh)
 7784.5 KAWN: USAF Ne US 0015 8/1 444 75/874 (coded wx) (Wolfson, Oh)
 8105 RFFX: Ministry of Defense Paris France 2245 8/4 ARQ E 72 baud 444 (idling) (Card, RI)
 8402.5 PWNM: NO ID Brazilian Navy ship 0145 8/5 75/850 (RYRY to PWZ33, Brazilian Navy sta at Rio de Janeiro). (Baker, Oh)
 8407.5 3EXF8: TH Kommunary Nikolaeva 2225 8/24 (Ex-UMAZ?, RYRY to UIW, confirmed as K-grad Radio, & w/1 msg). (Baker, Oh)
 8412 HCRE: M/V Republica de Equador 0416 8/11 SITOR-A (SS tlx) (Baker, Oh)
 8417 GKE4: Portishead Radio UK 0045 8/3 SITOR-A (msgs to Cunard Lines ships including QE2) (Baker, Oh)
 8556 SAB44: Goeteborg Radio Sweden 0341 8/3 SITOR-A (sending SELCALs UISP, YPI & SBBY all no joy) (Baker, Oh)
 10150.2 SUA246: MENA Cairo Egypt 1645 75/557 (AA nx) (Hall, SA)
 10214.9 HZN48: Jeddah Saudi Arabia 1650 100/542 (wx codes) (Hall, SA)
 10244.9 RFTJF: French Forces Port Bouet Ivory Coast 1654 48/839)idling, strange shift) (Hall, SA)
 10950.3 RFFA: Ministry of Defense Paris France 1920 ARQ M2 200/400 (idling) (Hall, SA)
 10980 RDD79: Moscow Meteo Russia 1913 FAX 60/576 (good chart) (Hall, SA)

11039.2 DDK9: Hamburg Meteo Germany 1910 50/394 (wx codes) (Hall, SA)
11080.3 SANA: Damascus Syria 1730 50/591 (EE nx) (Hall, SA)
11216.7 MFA CAIRO: Egypt 1906 SITOR A (AA tfc) (Hall, SA)
11246.7 MFA CAIRO: Egypt 1903 SITOR A (AA tfc) (Hall, SA)
11423.6 SOL242: PAP Warsaw Poland 1859 SITOR B (Polish nx) (Hall, SA)
11453.5 IMB3: Rome Meteo Italy 1838 50/850 (wx codes) (Hall, SA)
11475.5 HMF52: KCNA Pyongyang North Korea 1851 50/235 (EE nx) (Hall, SA)
11535.5 HMF49: KCNA Pyongyang North Korea 1846 50/201 (FF nx) (Hall, SA)
11552.8 MKK: British Army UK 1825 VFT 50/170 (FOXES etc on 5 channels) (Hall, SA)
11637.6 DDK8: Hamburg Meteo Germany 1842 50/400 (wx codes) (Hall, SA)
12140.3 HWN: French Navy Paris France 1820 75/801 (RYs, ID, SS) (Hall, SA)
12165 RKB78: Moscow Meteo Russia 1815 FAX (fair chart) (Hall, SA)
12225.3 HDN: Quito Naval Radio Equador 0141 8/24 75/850 ("Oceanic IX" exercise traffic, stations addressed were LOL, Argentine Navy, Buenos Aries; CXR, Montevideo Naval, Uruguay; CCS, Santiago Naval, Chile; CBC, Callao Naval, Peru; and ZKH Capetown Naval, RSA) (Baker, Oh)
12487 3EJP9: Pol New York 1215 8/29 SITOR-A (AMVER msg) (Navary, Va)
12491 ELPL8: Stolt Vestland 1805 8/13 SITOR-A (AMVER msg) (Navary, Va)
12495.5 SQGT: M/S Huta Zygmunt 2205 8/20 SITOR-A (wkg Gdynia Radio) (Navary, Va)
12496.5 HCQO: M/V Bonita 1550 8/19 SITOR-A (tlx tfc to several addresses) (Navary, Va)
12498.5 UNOJ: M/V Dekabrist 1150 8/23 SITOR-A (tlx tfc) (Navary, Va)
12501.5 P3FG4: M/V Aghia Markella 1130 8/30 SITOR-A (tlx to Panama) (Navary, Va)
12503 C6JK9: M/V Ulegorsk 0608 8/10 SITOR-A (tlx tfc) (Navary, Va)
12504.5 TCGA: M/T Geyve 2208 8/20 SITOR-A (tlx to Ganship London) (Navary, VA)
13470 RKU71: Moscow Meteo Russia 1744 FAX (very good polar chart) (Hall, SA)
16000 EKNB: Sovship TR Izumruni Bereg 1134 50/170 (wkg Murmansk) (Hall, SA)
16302 DFZG: News Belgrade Serbia 1500 8/6 354 390/75 (news in Serbian) (Card, RI)
16697 IBAA: M/T Agip Marche 1427 8/20 SITOR-A (tlx to Milano) (Navary, Va)
16697.5 LXDE: M/V Deloris 1842 8/8 SITOR-A (AMVER/obs via WLO) (Navary, Va)
16698.5 OXDK: M/V Danmark 1455 8/25 SITOR-A (msg in Danish via Lyngby Radio, Danish Gov't training vessel built in 1933) (Navary, Va)
16708.5 DIDA: M/V Ariana 1810 8/07 SITOR-A (meteo obs msg) (Navary, Va)
16709 LAEM4: M/V Dyvi Kattegat 1131 8/9 SITOR-A (AMVER msg) (Navary, Va)
16716 P3XB4: M/T Pumpuri 1814 8/24 SITOR-A (tlx tfc) (Navary, Va)
16788.5 SOVSHIP ARMAND: 1420 50/170 (wkg Odessa) (Hall, SA)
16801.5 UJLL: Sovship Gerol Kryma 1415 50/170 (wkg Sevastopol) (Hall, SA)
16802.5 EWIK: Sovship Taganrogski Zalin 1137 50/170 (wkg Sevastopol) (Hall, SA)
16821 VRX: Cape D'Aguilar Hong Kong 1200 SITOR B (tfc list, NEW CALLSIGN) (Hall, SA)
17443.4 BZG48: XNA Beijing China 1126 50/408 (RY, ID) (Hall, SA)
18134.8 MFA CAIRO: Egypt 1136 SITOR A (AA tfc, not listed) (Hall, SA)
18261 GFE24: Bracknel Meteo UK 1345 8/27 343 (western Europe wx) (Card, RI)
20348.5 9RE203: PTT Lumumbashi Zaire 1150 ARQ M2 96/333 (FF tfc for Gecamines) (Hall, SA)
22379.5 CBV: Valparaiso Radio Chile 1915 8/31 SITOR-A (wkg vsl w/SELCAL, tlx tfc, sent 3 tlxs, 1 w/5LG's! Note Klingenfuss shows 22381.5 in 11th, Ferrells 22380.5 in 8th. Also, Sitor ID was "CBV VAL" as in Valparaiso rather than Playa Ancha Radio) (Baker, Oh)

station in the world that transmits on longwave or shortwave has been included. Not sure what a "surface analysis" chart looks like? No problem, sample charts can be displayed also. It's a very impressive little program and in English too! Updates are also available.

Paying for the software is (perhaps) a little problem. The price of the WXFAX program is 25 Dutch Guilders (US\$13.00). Lacking Dutch Guilders to pay with, you can send U.S. Dollars but then you have to add US\$1.00 for conversion to Dutch money again. If you want to pay by check, it's best to use a International Bank draft order. Be sure to state that you need to send the equal of 25 Dutch Guilders. Prices include airmail postage worldwide.

RD Reviews "Hobbyist's Guide to COMINT Collection and Analysis" by Tom Roach

An interesting review this month and a change of pace from your normal "utility" book. Tom Roach, a longtime utility digital and SSB mode/broadcast hobbyist, has authored and published this title.

"COMINT" is a military acronym for "Communications Intelligence", or the gleaning of information from communications. You have seen examples of this month after month in this very column! When you hear a certain aircraft say "switch to frequency Z32" and you tune around and find the same aircraft calling his station of "Z32", you have engaged in COMINT. You now have determined by an intercepted communication that frequency "XXX" is designated "Z32", for a simple example. Sometimes you may see a oddly formatted message sent from one particular station and wonder what it is and how you can figure it out.

That's some of what Tom Roach explains in this book.

The book is some 100 pages spiral bound; a format I admire in a radio hobby book as it makes it easy to sit down on a page you want to keep turned to, no page weights required!

Stressing HF comms and using Russian and Cuban RTTY/CW traffic as an example, Tom gives the reader his "lessons" which can be applied to any aspect of the monitoring hobby, including VHF/UHF/800Mhz scanner traffic. Myself, I have been involved in the "ute's" and scanners for a long time and have "gleaned" my share of information. But I was still fairly amazed at some of methods that could be employed to solve "radio mysteries".

Chapters cover needed equipment; where, when and how to listen; and the proper analysis of data. It is this last area, analysis, that never has received any real attention in any publication before. All the analysis lessons here uses REAL intercepted traffic.

I think those who are involved in military monitoring of any kind, and digital modes, will find this book of interest. The "Hobbyist's Guide to COMINT Collection and Analysis" by Tom Roach is available direct from the author at 1330 Copper Peak Lane, San Jose, CA, 95120-4271 with a cost of US\$24.00 U.S. and Canada, US\$26.00 for UK, Finland, Germany, and US\$27.00 for Australian readers. The book should be available through Universal Radio and Groves' shortly. All orders direct include air mail shipping, but no credit cards accepted. And by the way, Tom is also a fellow Speedx member so if you order direct, ask him to sign your copy!

MARITIME

Robert Hall, our main man in Capetown, RSA, checks in this month with the burning question...

Where have all the Russians Gone? by Robert Hall

Since I began with RTTY some five years ago there have been many changes, in particular the reduction in Press transmissions. Where once one could find TASS on a dozen frequencies at almost any time of day, now we have to make do with the deadly dull stuff from KCNA Pyongyang, MAP Rabat or the

absolute pits ATA Tirana and XNA Beijing. For those seeking intelligible news there is still ANSA Rome and MENA Cairo out a reasonable bulletin now and again. But RTTY listening seems not so nearly interesting today as it was three or four years ago with the big agencies using Satcomm's.

But when the bands seemed dead there has always been an alternative of tuning the Russian Merchant Marine communications. With well over 6,000 ships operating on certain narrow frequency bands, and invariably at 50/170 speed/shift, there has been no difficulty in logging different ships and callsign's throughout the day. Signals come in rather strongly from as far afield as Murmansk and Vladivostok, and there is always a good deal of traffic in the Black and Caspian Seas, mostly around 22.360 Khz. But they are a lot more difficult to find nowadays.

The Russians have a signal book of free transmissions for sailors which follows somewhat formal and endearing themes..."I kiss your hands and feet Ekaterina Plisetskaya", etc. But perhaps the Ekaterinas, Svetlanas, Nanushkas, and Olga's are going without their goodwill messages nowadays. Or maybe the Russian shipping has re-equipped with Satcomms's? But this seems unlikely considering the current state of their economy.

I can now expose the above as complete bunkum having logged no less than 10 Russian ships sending hugs and kisses within 30 minutes, all between 16790 and 16803 Khz and during their Sunday lunch between 1200-1230 GMT/UTC. So now we know where the Russkies are!

Thanks Robert. Yes it seems even the Russians (et al) are being affected by the continuing down-swing of the solar cycle. As Robert said, lots of ships and always interesting providing you can translate Russian. There are books out there that help. First, is the USSR Merchant Ship List by our own Jason Berri. Gives ship names, callsign's, and hull ID numbers as well as a introduction and information on finding and monitoring the Russian fleets. A very helpful book to get you going. Then we have The Soviet Maritime Radioteletype Dictionary edited by Gary Gorka with an introduction by Fred Osterman. Gives the Cyrillic and Latin-shift transliterations of commonly found words. Both of these useful books are available through Universal Radio. Here in Ohio, I've had great success 1900/2200 UTC between 16780 and 16804 Khz; 2000/0000 UTC between 12558 and 12572 Khz; and 2100/0200 UTC between 8393 and 8413 Khz.

This must be Russian Monitoring Month (hi!) as we also have some information sent by Tom Roach (CA). As some of you may have read, the Russian government is attempting to take steps to seal the submarine Komsomolets. The Komsomolets, known to NATO as the Mike-class, was a Soviet Navy Nuclear Attack Submarine built as a test-bed but considered fully operational. While cruising in the North Atlantic, she suffered a fire in her aft most compartment. She surfaced, but subsequently flooded and sank on April 7, 1989, 112 nautical miles southeast of Bear Island, Norway, killing 42. She lies in 4,900 feet of water with a pressurized water reactor and two BGTs, or nuclear armed torpedoes. She became the focus of concerns over the last few years, as it was feared that nuclear materials may escape and destroy fishing grounds. The Russian expedition with NIS Akademik Mstislav Keldysh was the first to attempt to deal with the problem.

Tom snagged a nice intercept from the NIS Akademik Mstislav Keldysh. Not heard from in quite a while, she is near Panama, headed for Germany. The ship is operated by the Russian Academy of Sciences from Kaliningrad, and used her two Mir submersibles to place nine seals on the bow of Komsomolets. The seals covered the six torpedo tube openings and three hull fractures. Here is some of Tom's captured text:

NNNN

P207402

NIS AKADEMIK MSTISLAV KELDYSH KLD/MRKH 85 26 8/9 0700=
MOSKVA STARYY GAY 6 KORPUS 1 KV 33 VEDERNIKOVOY=

Working at 29 (or 9) degrees (North). Please subscribe
to "Oceanology" journal. ...

VALYA OBESPOKOEN DLITEL'NYM MOLCHANIEM PRODOLZHAEM RABOTY NA
DVADTSAT' V DEVYATOM GRADUSE PODPISHIS' NA ZHURNAL OKEANOLOGIYA TSELUYU=
VOLODYA

NNNN

P194000

NIS AKADEMIK MSTISLAV KELDYSH KLD/MRKH 92 19 8/9 0700=
GRODNO FOLYUSH DOM 207 KV 5 TEREDEVICH=
PRISHLI POLIGON TSENTRE ATLANTIKI SEGODNYA SED'MOE POZDRAVLYAYU

Have arrived to the research site (Russian, "poligon") in the
center of Atlantic ocean. Today is the 7th (day of the month).

YUBL OBNIMAYU TSELUYU=IGOR'

NNNN

Thanks to Tom for sending that snag. Lastly, I have confirmed UIW is
Kaliningrad Radio, UGC is Saint Petersburg Radio, and UGW as Novorossiysk
Radio. More changes should be coming as the former Soviet Union continues to
emerge as 17 or so republics or nations, all with new callsign allocations
mostly from the old Soviet Unions blocks!

M/S Regal Empress, a 22,797 ton cruiseship owned by Regency Cruises,
caught fire while moored in New York Harbor on August 20. Loaded to capacity,
the ship returned from a five-day New England cruise when a fire started. The
ship was evacuated, with 12 passengers and six fire fighters injured. There
is no word on the extent of the damage. Regal Empress was just refitted last
year. That's all she "wrote" for this month, we'll try it again next month!

DE RD

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Note: This is the Dec. 'Electronic Edition' and is from the Oct. 1994
SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091. SPEEDX
utility coverage now consists of three columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and
schedule information. Contributions in these area's can be sent to
Mike.

UTILITY NOTES: Edited by Rick "RD" Baker. News and information
about the world of utilities, and utility stations. Contributions in
these area's can be sent to myself.

UTILITY VERIFICATIONS: Edited by Tim Braun. "UTE" only QSL's and
Verifications. QSL info. I hope to add Tim's column to the electronic
edition soon.

SPEEDX members had this information over 2 months ago! If you would like
to receive this information as quickly as our members do, SPEEDX publishes a
monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN

0882-8091). Some of the other column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

TRASH & TREASURE: Information on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson. (73540...@compuserve.com)

SHORTWAVE TO GO!: News and information on shortwave broadcast stations. Edited by Richard E. Hankison

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Tim J. Johnson

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

SPEEDX AWARDS: A wide variety of awards are available for members DX'ing accomplishments, Harold Woering, Awards Chairman

....and more!

If you would like to learn more about the SPEEDX radio club, (the Society to Preserve the Engrossing Enjoyment of DX'ing), a Non-Profit ALL Volunteer hobby organization founded in 1971, please write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196, DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00
Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

--

Rick Baker (ae...@yfn.yzu.edu)

Recorded live and direct from downtown Austintown, Ohio

DQCM, B767, registered C-FPCA) (Clar, NY)
 8846 BACKY 52: 2229 USB (wkg NY IFSS for IFR deviation info/amended route info due to tfc, thanks to Rick Baker for ID on home base-916 ARG Seymour-Johnson AFB KC10) (Orr, Va)
 8879 BAHRAIN 02: 1400 9/4 USB (wkg Gander w/position rpt, anyone know what carrier this is-JC) (Clar, NY)
 8894 NIAMEY ATC: Niger 0109 USB (wkg BA053, DT658 (Angola), GHANA 750, AF7237) (Orr, Va)
 8903 DOUALA ATC: Cameroon 2119 USB (clg Libreville re AF421, enroute to Luanda) (Orr, Va)
 8972 8 DELTA LIMA: USN 2101 9/17 USB 434 (clg TRENT 57, no joy, net heard throughout the month) (Wolfson, Oh) USN Safety of Air Atlantic Primary and Air/Ground -RD
 8984 NOO: USCG Sacramento Air Station Ca US 1904 9/12 USB (wkg RESCUE 1704 (HC130H)) (Lukas, NY)
 11176 REACH 00097: USAF 0159 9/18 USB 444 (tail # 51365, pp via Hickam w/HILDA EAST, depart time MYIG-Matthewtown Great Inagua, enroute to KMCF-MacDill w/ETA or KHST-Homestead, told to proceed to KHST, ETA) (Wolfson, Oh); ASCOT 9499: RAF 1323 9/26 USB 333 (wkg Nellis AFB w/pp via MacDill, metro for Nellis & Lincoln ETA) (Wolfson, Oh)
 11214 DARKSTAR NOVEMBER MCC :1521 9/13 USB (E-3C Mission Control Coordinator -MCC, wkg RAYMOND 24-552nd AWACS Tinker AFB re att to get a radar unit working) (Baker, Oh)
 11300 CEDAR JET 572: 2307 9/5 USB (wkg Khartoum w/position S-M-L) (Clar, NY)
 11318 NO ID: 1301 9/22 USB 333 (presumed Syktyvkar Meteo Russia, woman w/wx in language, dead air 1304) (Wolfson, Oh)
 13201 EGLIN AFB: USAF FI US 2310 9/19 USB 444 (wkg CHARLIE 5 ECHO) (Owsley, Ca) -Phone patch? RD
 13264 EIP: Shannon Ireland 1442 9/22 USB 333 (aero wx) (Wolfson, Oh)
 13342 STOCKHOLM RADIO: LDOC Sweden 1444 9/22 USB 333 (2 men talking "Roma" mentioned, presumed pp w/u/id flt) (Wolfson, Oh)
 15030 NEW YORK RADIO: NY US 1450 10/1 USB 555 (live mic, men talking in background, covered Gander) (Owsley, Ca)

CW

2800.6 4XZ: Haifa Naval Israel 0321 9/13 (ID) (Lukas, NY) Off freq? -RD
 2815.9 OST: Ostende Radio Belgium 0411 9/7 (ID) (Lukas, NY) This is a 'sitor free' signal for sitor station on 2815.5 -RD
 4213 WLO: Mobile Radio AI US 0124 9/6 (ID) (Lukas, NY) Same as OST.
 4214 VCS: Halifax Coast Guard Radio NS, Can 0053 9/6 (marker) (Lukas, NY) Same again -RD
 5810 HLL2/HLL3: Seoul Meteo South Korea 1435 9/13 (marker) (Flynn, Or)
 6320 FFT31: St Lys Radio France 0141 9/15 (ID) (Lukas, NY)
 6330 LZW: Varna Radio Bulgaria 0420 9/29 poor (ID) (Hardester, NC)
 6335.5 VFF: Meteo Frobisher Bay NWT Canada 1433 9/25 433-423 (nav warnings) (Wolfson, Oh) (Thanks to the ANARC SWL Net for freq-MW) This is the Canadian Coast Guard at Inuvik, Canada -RD
 6382.2 EAD: Madrid Radio Spain 0656 10/13 (tfc lst) (Saade, Md) (Welcome to the column Brian-MW)
 6390.3 WNU42: Slidell Radio AI US 0216 9/15 (marker) (Lukas, NY)
 6490 VCS: Halifax Coast Guard Radio Nova Scotia Canada 2345 9/29 555 (ID) (Card, RI)
 7627 KWS78: US Embassy Athens Greece 2200 9/29 (marker) (Hardester, NC)
 8448 A9M: Bahrain Radio 1403 9/27 (marker) (Thompson, NM)
 8512 VHI: Darwin Naval NT Australia 1350 9/27 (marker) (Thompson, NM)
 8515 5AT: Tripoli Marine Radio Libya 0455 9/29 (marker) (Hardester, NC)

8532 LZW: Bulgaria 0132 9/16 (marker, very slow code) (Moore, Ia)
 8543 FUV: French Naval Djibouti 0230 9/29 (marker) (Hardester, NC)
 8548.5 DZF: Bacoor Radio Philippines 1410 9/24 (marker) (Thompson, NM)
 8551.6 CTP: Portugal 2150 9/16 (marker) (Moore, Ia)
 8571 JNA: Japan 1128 9/15 (clg CQ) (Moore, Ia)
 8584 VRX36: Cape D'Aguilar Rdo Hong Kong 1215 9/27 (marker) (Thompson, NM)
 8598 OXZ: Lyngby Radio Denmark 2201 9/16 (clg CQ) (Moore, Ia)
 8602 CWA: Cerrito Uruguay 0137 9/16 (clg CQ) (Moore, Ia)
 8609.5 9VG73: Singapore Radio 1403 9/24 (marker) (Thompson, NM)
 8646.2 FUJ: New Caledonia 1042 9/17 (marker) (Moore, Ia)
 8686 PKF: Makassar Radio Indonesia 1207 9/27 (marker) (Thompson, NM)
 8690 FJY4: St Paul Radio St Paul & Amsterdam Islands 1200 9/27 (marker)
 (Thompson, NM)
 8698 7TF6: Boufarik Algeria 2206 9/16 (clg CQ) (Moore, Ia)
 8705.5 PKC: Palembang Radio Indonesia 1145 9/27 (marker) (Thompson, NM)
 10470.5 FDC: French Air Force Metz France 2355 9/30 (marker) (Hardester, NC)
 12857 6WW: Dakar Naval Senegal 1356 9/20 343 (ID) (Wolfson, Oh)
 12952 VIP: Perth Radio Australia 1416 9/20 333 (ID) (Wolfson, Oh)
 12969 XSV: Tianjin Radio China 0120 10/12 (tfc Ist) (Saade, Md)
 13050 UDK2: Murmansk Radio Russia 1429 9/20 433 (ID) (Wolfson, Oh)
 16940 XSW: Kaohsiung Radio Taiwan 0040 9/25 (marker) (Thompson, NM)
 16990 HLO: Seoul Radio South Korea 0050 9/25 (marker) (Thompson, NM)
 17004 HKB: Barranquilla Radio Columbia 2020 9/28 (marker) (Thompson, NM)
 17045.6 LPD 46: Gen Pacheco Radio Argentina 2005 10/6 (tfc Ist) (Saade, Md)
 22461.1 FUJ: Noumea Naval New Caledonia 0537 9/13 (marker) (Ward, Ca)
 22473 CBV: Playa Ancha Radio Chile 2000 9/28 (marker) (Thompson, NM)
 22474 VIP: Perth Radio Australia 0349 9/3 (marker) (Ward, Ca)
 22544 FUM: Papeete Naval Tahiti 2032 9/3 (marker) (Ward, Ca)
 22557 KPH: San Francisco Radio Ca 0549 9/13 (marker) (Ward, Ca)
 22581.5 KFS: Palo Alto (San Francisco) Radio Ca 0547 9/13 (marker) (Ward, Ca)
 22544 FUM: Papeete Naval Tahiti 0015 9/28 (marker) (Thompson, NM)

MARINE

2103.5 CGUM: Canadian CG Sir William Alexander 0113 9/6 USB (wkg Yarmouth CG
 Radio re msg to relay RCC-part of the search for crewman fm the F/V
 Golden Italian which capsized & sank) (Baker, Oh)
 3187 NJJT: USS Taylor (FFG-50) 1108 9/30 USB (w/USCGC Bear (WMEC-901),
 NRKN, KING 1/2 all being released by DoD Cape after launch of STS-64)
 (Baker, Oh)
 3320 FXV: 2345 9/1 USB (wkg JULIET BRAVO WHISKEY, other stns) (D'Angelo,
 Pa)
 4040 CORONADO: 0559 9/19 USB 354 (wkg Essex w/rdo chk) (Owsley, Ca)
 4040.1 NEXU: USS Coronado (AGF-11) 0442 9/22 USB (wkg USS Essex (LHD-2),
 NESX w/date/time grp msg, USN amphibious/SEAL exercise hrd here sev
 nights. (Baker, Oh)
 4065 BICK: Comfort 0425 9/19 USB (Chinese flagged cargo ves clg KMI, Dixon
 Radio, Ca, for R/T tfc) (Cope, Tx)
 4071 WAM4073: Sharon Dehart 0219 9/20 USB (tug clg WOM, Pennsuco Radio,
 Fl, for R/T call, YL on shore w/msg to man on board) (Cope, Tx)
 4077 SQNK: General Grot-Roweckki 0130 9/15 USB (Polish-flagged bulk carrier
 clg WLO, Mobile Radio, Al, for R/T call) (Cope, Tx)
 4095 ELNC5: Ecstasy 0140 9/30 USB (Liberian-flagged passenger ves clg WOO,
 Ocean Gate Radio, NJ, for R/T tfc) (Cope, Tx)
 4098 LAOI4: Majesty of the Seas 1110 9/15 USB (Norwegian-flagged passenger
 ves clg WOM, Pennsuco Radio, Fl, for R/T tfc) (Cope, Tx)
 4110 C6CM6: Southward 0143 9/30 USB (Bahamian-flagged passenger ves clg

WOO, Ocean Gate Radio, NJ, for R/T tfc) (Cope, Tx)

4113 LAEB2: Sovereign of the Seas 0342 9/23 USB (passenger ves clg WOM, Pennsuco Radio, Fl, for R/T tfc) (Cope, Tx)

4131 3ESE9: Sensation 0319 9/19 USB (Panamanian-flagged cruiser clg WOM, Pennsuco Radio, Fl, for R/T call) (Cope, Tx)

4372.1 ECHO 0 JULIET: USN 1538 9/15 USB 444 (wkg NAVY 28 ALPHA 06 re tfc sent-sounded like a digital link being est, clg GIANT KILLER 10 UNIFORM, no joy, 28 ALPHA 06 clg GIANT KILLER, repeat 10 UNIFORM ans, 28 ALPHA rpt on patrol, Giant KILLER acknowledges, TEASER joins net-saw ALLIGATOR go down, he is responding, CEASAR joins net) (Wolfson, Oh) Off freq from 4372, this is GIANT KILLER, the USN FACSFAC (Fleet Area Control & Surveillance Facility) at Virginia Capes Op's area. Alligator "going down" is the Link-11 system, much like a computer (it's all computer controlled) is down, not an aircraft. -RD

4373 PILLPOSTER: USN 1530 9/15 USB 444 (wkg GIANT KILLER, patrol area info) (Wolfson, Oh) Again off freq., the callsign is BILLPOSTER 7xx I think -RD.

5335 KILO: 0415 9/16 USB (wkg PAPA re priority msg to be passed) (Braun, Va)

6200 SHARK 08: 0055 9/20 USB (USCG Cutter on DEA mission, wkg NMN, adv to QSY to 3A18, SHARK is callword used by USCG cutters with last 2 digits of their hull number on DEA/CG mission, so this cud have been USCGC Papaw (WLB-308), Tahoma (WMEC-908) or Vashon (WPB-1308) (Baker, Oh) Not to be confused with SHARK callsigns hrd on GHFS, see Utility Notes column this month -RD

6212 NFMK: USCGC Seneca (WMEC-906) 0435 9/1 USB (wkg COMMSTA New Orleans, simplex, pp D-1 Op's) (Baker, Oh)

6224 WCH4618: 1216 9/28 USB 333-323 (wkg u/id shore stn w/status rpt, Morgan City mentioned, probable Mississippi River tfc) (Wolfson, Oh)

6227 ADMM: USAV Contreas (LCU-2015) 0008 9/13 USB (clg AAC2, harbormaster, Ft Eustis, on "Ch.3", no joy). (Baker, Oh)

6507.3 NO ID: 0112 9/19 USB poor/fair (hash/white noise, man w/weak EE comms, any ideas ??) (Hardester, NC)

8110 HMCS FRASER: Canadian Coast Guard 1312 9/15 USB (wkg Halifax Military via pp re setting up computer to receive news) (Braun, Va) Not CG, is a warship. (DDH-223), a Helicopter Destroyer w/callsign CZFG. I know that was a typo by Tim! -RD

8198 WBM8473: Samantha Lin 0145 9/7 USB (yacht clg WOM, Pennsuco Radio, Fl, fr Colon, Panama, for R/T call, having just passed thru the canal) (Cope, Tx)

8207 5MYK: Minerva 2226 09-12-94 USB (Liberian-flagged bulk carrier clg WOM, Pennsuco Radio, Fl, for R/T call) (Cope, Tx)

8219 WAR8917: Pizza Peace 0307 9/4 USB (wkg KMI, Dixon Radio, Ca, for R/T call, instructions on using phone to mother on shore) (Cope, Tx)

8234 YJZY8: Dame Elizabeth 0203 9/8 USB (clg WOM, Pennsuco Radio, Fl, for R/T tfc) (Cope, Tx)

8258 BERNA RADIO ?: 0156 9/20 USB (man clg C6KO9) (Hardester, NC) Most likely reversed as this is a ship frequency -RD

8282 NO ID: 0200 9/19 USB fair (man in bad EE making call to Philippines, possible INTELMAR) (Hardester, NC) Same as last -RD

8294 WYP4482: Crusader 0530 9/10 USB (tug clg WGW, San Juan Radio, for status report: starboard engine down) (Cope, Tx)

8560 FOXY: USN ? 0100 9/19 USB (man working net of LIMA, DELTA ZULU, PAPA, reference to Port-au-Prince, more on 9/20) (Hardester, NC) This is "FOTC", Fleet Over the Horizon Targeting Coordinator, or the unit that has track database responsibilities in a battlegroup or fleet area. U.S.Navy term. -RD

8785 VCS: Halifax CG Radio Canada 0209 9/6 USB (marine wx) (Cope, Tx)
 12230 SVEH: NO ID 2047 9/2 USB (clg KMI, Dixon Radio, Ca, for R/T tfc)
 (Cope, Tx)
 12245 ADMO: NO ID 1924 9/2 USB (clg WOM for R/T tfc) (Cope, Tx)
 12266 9GBU: Ocefish Zero 6 2057 9/1 USB (FV clg Halifax Radio for R/T tfc)
 (Cope, Tx)
 12272 NCOM: USS Comfort 1929 9/25 USB (T-AH-20, hospital ship, clg WOM,
 Pennsuco Radio, Fl, for 3-min R/T call) (Cope, Tx)
 12317 WBE5959: Gulf Fleet No. 102 1653 9/25 USB (supply ves clg WOM,
 Pennsuco Radio, Fl, for R/T call) (Cope, Tx)
 12352 WPE: Tug Communications Inc. 0149 9/10 USB (clg tug SAMPSON, no joy,
 switching to 8 megs) (Cope, Tx)
 16420 IBGX: Giuseppe Lembo 2042 9/2 USB (Italian cargo ves clg Roma Radio
 for R/T tfc) (Cope, Tx)

PHONE

4007 NNN0WVW: US Navy MARS 2333 9/3 USB (wkg NNN0HNZ) (Lukas, NY)
 4030 NO ID: 0610 9/20 USB 444 (woman in SS w/5 nbr grps) (Owsley, Ca)
 5180 DOD Cape: Fl US 2233 9/9 USB (releasing USS Boone, King 1 & 2 after
 successful launch of Discovery) (Baker, Oh)
 5190 WRPH: M/V Liberty Star 2310 9/9 USB (Booster Recovery Ship, wkg BRD-
 Booster Recovery Director, reports on scene & commencing assessment,
 rpt of positions of boosters, both ships (M/V Freedom Star) into
 parachute recovery, re launch of Discovery) (Baker, Oh)
 5199 HALIFAX MILITARY: Canada 0015 10/1 USB excellent (man & woman w/ID)
 (Hardester, NC)
 5437 ALPHA ROMEO TANGO: 0151 9/19 USB (w/w 5 ltr groups) (Hardester, NC)
 6761 ALPINE 03: 0240 9/30 USB (w/pp via Andrews re return date) (Braun,
 Va)
 6974 NO ID: 0213 9/19 USB (man w/Slovak accent, W/Espana, radio official,
 Montana mentioned, any ideas ??) (Hardester, NC)
 6981 NO ID: 9/19 USB fair (possible MARS pp, man & woman, lack of rations
 mentioned) (Hardester, NC)
 6993 SAM 972: USAF 0039 9/19 USB (other freqs used-8026, 6683, several pp
 between SAM Control and flt carrying former Pres Carter, Gen Powell,
 Senator Nunn re return to Washington after Haiti agreement negotiated
 and other matters, also wkg SAM 970-flt accompanying negotiating
 team) (Braun, Va) (Great catch Tim-MW)
 7535 NGGD: USS Mississippi (CGN-40) 1734 9/27 USB (wkg ALPHA QUEBEC, AP,
 for very authentic sounding missile exercises app inv at least one
 live fire) (Baker, Oh)
 7605 NO ID: 2348 9/18 USB fair/poor (w w/CHARLIE INDIA OSCAR 2, QSB)
 (Hardester, NC)
 7609 CG1714: USCG 0342 9/2 USB (Cuban boatlift freq, wkg USCGC Gallatin,
 w/on scene ETA, request Gallatin est radio guard, on scene rpt, will
 pass contact positions) (Braun, Va) The 1714 is a HC-130 aircraft -RD
 7918 YANKEE HOTEL FOXTROT: 0433 9/16 USB fair (woman w/ID, tfc, off 0436)
 (Hardester, NC)
 8000 NO ID: 2145 9/7 USB (scrambled tfc) (Braun, Va)
 14441.5 NNN0CSF: USS South Carolina (CGN-37, Nuclear Powered Missile Cruiser)
 2201 9/9 USB (clg any stateside MARS station, NNN0UBP responded)
 (Cope, Tx) NAVMARCORMARS (Navy MARS) "Calling" -RD
 15000 WWV: Time Ft Collins Co US 1618 9/26 USB 433 (after solar/terrestrial
 conditions rpt a carrier was heard followed by a man saying "eat my
 shorts") (Wolfson, Oh)

RTTY/FAX

4002 YRR 2: Bucharest Meteo Romania 0200 9/24 50/425 (wx codes) (Wielgos, In)

4174 KWFE: SS Colorado 2230 9/28 SITOR-A (AMVER) (Navary, Va)

4179.5 ENSCO ATLAS: 1135 9/28 SITOR-A (tlx tfc) (Navary, Va)

4489 GFL26: Bracknell Meteo UK 0225 9/24 50/425 (wx codes) (Wielgos, In)

4788 TJK: ASECNA Douala Camaroon 0223 9/24 50/425 (aero wx) (Wielgos, In)

5848 TUH: ASECNA Abidjan Ivory Coast 0132 9/8 50/425 (RY's & ID) (Wielgos, In)

6264.5 J8FO: Algoa Bay 0725 9/16 SITOR-A (AMVER rpt) (Navary, Va)

6269 SLY: M/T Cassiopeia 0120 9/21 SITOR-A (tlx tfc) (Navary, Va)

6272 ZCAM9: M/V A.V. Kastner 2052 Sitor-A (tlx to Beltship Bermuda re found missing part) (Potts, FI) (welcome to the column Phil-MW)

6272 V2IR: M/V SYLT 0221 10/3 Sitor-A (tlx re possible hire for ship) (Potts, FI)

6274.5 OWRX2: Seaboard Universe 0733 9/22 SITOR-A (AMVER) (Navary, Va)

6310 UHUP: Nikolay Maksimov 0154 10/3 50/170 (crew TG's) (Potts, FI)

6314 NMF: USCG Boston Ma US 0200 9/13 SITOR B 444 (notices to mariners re Yugoslav exclusion zones and penalties for inaccurate declarations, gunnery practice notice, iceberg info, notices to fishermen, FAX/NMF sked/info) (Wolfson, Oh)

6344 WLO: Mobile Radio AI US 0158 9/13 SITOR B 444 (wx) (Wolfson, Oh)

6835 GFL22: Bracknell Meteo UK 2300 9/29 425/50 453 (5 ltr grps w/5 nbr grps at beginning of each line) (Card, RI) The letter groups are probably "qwerty" or numbers converted to letters. Check the "upshift on space" feature of your decoder. In qwerty, a Q is a 1, W is 2, E is 3, etc, all the way across the top row! -RD

6895 FUB: French Navy Paris France 2305 9/29 850/75 453 (coded tfc) (Card, RI)

6907.5 CCS: Chilean Navy Santiago Chile 0120 9/6 100/850 (5 ltr gps) (Wielgos, In)

6978 CCS: Chilean Navy Santiago Chile 0115 9/14 100/850 (encrypted tfc to CCLA) (Wielgos, In)

7682 GQX: British Army London UK 0110 9/18 50 baud VFT (RYI's, Foxes, ID) (Wielgos, In)

7714 TJK: ASECNA Douala Cameroon 0040 9/15 50/425 (RY's, tfc to PSE) (Wielgos, In)

7861 PWX: Brazilian Navy Brasilia Brazil 0105 9/17 75/850 (Foxes, RY's and ID) (Wielgos, In)

8155 MKD: RAF Akrotiri Cypress 0150 9/17 50 baud VFT (RY's Foxes, 10's and ID) (Wielgos, In)

8379 NO ID: Greek vsl 0450 10/03 Sitor-A (crew list) (Potts, FI)

8388 VSBZ5: SS Chevron Edinburgh 0025 9/27 SITOR-A (meteo obs) (Navary, Va)

8410 UIMY: RTMA Peredovik 0229 10/3 50/170 (Russian factory trawler, crew TG's) (Potts, FI)

9091 RFFEDT: NO ID 0100 9/17 ARQ E 72/425 (CdeV, RY's.) (Wielgos, In)

9102.5 NO ID: 2140 9/29 SITOR-A (5 ltr gps, encrypted msgs after YFASR FAJ) (Wielgos, In)

9130 MTO: RN Rosyth UK 2252 9/15 75/850 (channel mkr & ID) (Wielgos, In)

9136 MKD: RAF Akrotiri Cypress 2230 9/29 50 baud VFT (RY's, foxes, ID) (Wielgos, In)

9154.5 D4B: Amilcar Air Cabrill 0110 9/15 50/850 (QRK/5, RY's, ID) (Wielgos, In)

9395 HMF84: KCNA Pyongyang North Korea 2330 9/24 50/425 (FF nx) (Wielgos, In)

10555 AXI34: Darwin Meteo Australia 1434 9/21 FAX 232 (poor chart, ASOC AMMC) (Wolfson, Oh)
11453 IMB3: Rome Meteo Italy 2300 9/30 50/850 (RY's, ID, wx) (Wielgos, In)
11481 NO ID: 2310 9/30 FAX 120/576 (poss AOK USN Rota Spain, sat pic then charts) (Wielgos, In)
12479 USWE: M/V Georgiy Tovstonogov 2154 9/9 SITOR-A (tlx to Gulf Atlantic, Baltimore) (Navary, Va)
12480.5 P3DQ4: M/V Pal Eagle 2030 9/10 SITOR-A (tlx tfc) (Navary, Va)
12487.5 LCNB: Ileibrandt 1935 9/15 SITOR-A 444 (tfc) (Owsley, Ca)
12497.5 VRJE: M/V Darya Ma 0245 9/10 SITOR-A (tlx tfc, AMVER rpt) (Navary, Va)
12501 SYWK: M/V Flag Tom 1953 9/27 SITOR-A (msg via SVA) (Navary, Va)
12503 C6DC7: M/V Lucien Delmas 1210 9/28 SITOR-A (tlx via St Lys Radio) (Navary, Va)
12537.5 LXCI: LPG/C Gent 1545 9/30 SITOR-A (wkg OST w/noon position rpt) (Navary, Va)
12567 URRN: TH Kareliy 2111 10/4 50/170 (Russian fishing ship w/personal TG's) (Potts, Fl)
13530 RVM53: Moscow Meteo Russia 1545 9/20 50/1000 444 (coded tfc-wx?, 5 ltr grps) (Wolfson, Oh)
13867.5 PTT KINSHASA: Zaire 1116 SITOR-A (FF tfc) (Hall, SA)
13946.5 ROM5: Tashkent Meteo Uzbekistan 1329 9/21 FAX 60/576 333-322 (very poor chart-FBXX RUTK) (Wolfson, Oh)
14365 BZP54: XINHUA Beijing China 1315 9/30 75/425 (EE nx) (Wielgos, In)
14497.5 CSY: Santa Maria Air Azores 1330 09/30 50/850 (aero wx, notams) (Wielgos, In)
15952.4 CXR: Montevideo Navrad Uruguay 1550 75/839 (SS tfc for naval circuit) (Hall, SA)
16683.5 YLDE: Akademikis Chelomeys 1825 9/9 SITOR-A (msg via Radio Riga) (Navary, Va)
16688.5 P3GE5: M/V Elver 1245 9/3 SITOR-A (tlx re ETA Puerto Quetzal) (Navary, Va)
16698.5 OVQU2: M/V Christian Maersk 1458 9/12 SITOR-A (AMVER rpt) (Navary, Va)
16705 ATKF: M/V Kasturba 1432 9/2 SITOR-A (tlx to Bombay) (Navary, Va)
16716 PJRC: TR Nyantic 2034 9/29 SITOR-A (tlx via Scheveningen Radio) (Navary, Va)
16785 LYAQ: TN Zhal'giris 1408 10/2 50/170 (Latvian fishing ship w/crew TG's, Thanks to Rick Baker for ID) (Potts, Fl)
16801.5 EVBP: Sovship TR Yantarnyi Bereg 1120 50/170 (wkg Vladivostok) (Hall, SA)
16937 NO ID: 1120 100/290 (garbage on screen) (Hall, SA)
17180.3 HWN: French Navy Paris France 1159 72/635 (tst tape) (Hall, SA)
18005.8 NO ID: 0727 SITOR-A (probably Egyptian diplo tfc w/5 ltr grps) (Hall, SA)
18173.6 STK: Khartoum Air Sudan 1655 50/402 (RY, ID) (Hall, SA)
18221.2 CNM76: MAP Rabat Morocco 1706 50/451 (FF nx) (Hall, SA)
18261 GFA: Bracknell Meteo UK 1720 FAX (very good chart) (Hall, SA)
18318.2 OMZ ?: MFA Bratislava Slovakia 1155 100/394 (Czech tfc, some CW, not listed) (Hall, SA)
19724.5 UJY: Kalingrad Radio Russia 1526 50/170 (wkg Sovship BATM Nivenskoe-UPPY) (Hall, SA)
20302 NKW: USN Diego Garcia 1226 FAX (fair chart) (Hall, SA)
20401.5 INDONESIAN EMBASSY: Lagos Nigeria 1451 SITOR-A (EE tfc for "Deplu Jakarta") (Hall, SA)
20811.2 SAM: MFA Stockholm Sweden 1140 SWED ARQ 100/384 (Swedish tfc) (Hall, SA)

with two GE T64 turboprop engines delivered to CTAS in Waco, where they were then given improved communications and navigation systems, as well as the capability to be used as MEDEVAC platforms. Communications devices include the AN/ARC-187 (UHF), ARC-186 (VHF), ARC-190 (HF), and ARC-201 Single Channel Ground Airborne Radio System (SINCGARS, secure/anti-jam radios operating in the 30-88MHz spectrum). Known navigation gear aboard includes the ARN-154 (TACAN/DME) and LTN-92 (INS), although I imagine they're also equipped with GPS these days.

C-27A Spartans have a gross takeoff weight of about 57,000lbs, and a little over 1700 miles maximum distance (of course depending on load). They're flown for SOUTHCOM by the 310th Airlift Squadron, part of the 24th Wing, Air Combat Command, based at Howard AFB in Panama. The 24th Wing also flies C-21, C-130, and CT-43 aircraft supporting SOUTHCOM operations. These other 24th Wing aircraft are probably also using the SHARK callword, and I believe that over 90% of the SHARK callwords heard these days on the GHFS channel, especially the ones working Albrook GHFS, are 310AS/24W birds. Further, I think that these C-27s also occasionally will use the static callsign SPARTAN ##, in addition to tactical (AFKAI) callsigns.

Prior to the 310th AS forming in 1992, the VOLANT OAK program would temporarily deploy USAF C-130 airlift squadrons to Howard AFB to handle missions for SOUTHCOM. The static callsign used was OMNI. VOLANT OAK was phased out and the 310th AS (originally part of the 61st Airlift Group, but now detailed directly to the 24th Wing) was created, due to some of the unique training and operations required for some of the SOUTHCOM missions.

Exactly who/what are the SHARKs transporting? That's speculation that I'm not particularly interested in. There are a lot of National Guard members doing humanitarian work all over South & Central America, as well as counter-narcotic specialists assisting local forces, and of course the U.S. Military Advisory & Assistance Groups. Most SHARK aircraft traffic -at least on the GHFS channels- consists of phone patches to callword LOBO, relaying routine information such as their departure time or ETA/destination, maintenance status, etc. As for LOBO, eventually I was able to figure out who they are (no, it isn't a new callword for the SOUTHCOM Theater Airlift Control Center, which still uses FURIOUS), but that's a story for a later time!

In some of the hobbyist publications, I see loggings of some SHARK transmissions which I'm pretty sure are the C-27As, but some of the editors apparently check their database, which indicates SHARK is used by USCG cutters, and so the editor will then add in the printed logging that the SHARK ## heard was a Coast Guard cutter or an aircraft from the 103rd Fighter Group, Bradley Field, CT. But if anyone actually listens to them, it is pretty obvious that the SHARK saying that their ETA at Howard AFB is 2230Z probably isn't a Coast Guard cutter, and that SHARK with 28 pax probably isn't an A-10 from the 103rd FG or 23rd Wing...

The point Tim makes here is a valid one. Too often we become dependent on ID's as listed various publications in place of listening to what is being said and drawing a conclusion from that. For those equipped with e-mail, Tim says comments and criticisms are welcome. Send them to Internet address: t...@umcc.umich.edu

MILITARY

U.S. Navy

~ Some of the ships activated from the Ready Reserve Force (RRF) for Haiti Operations are: Admiral William M. Callaghan from Baltimore; Cape Diamond from Jacksonville; Cape Domingo from Jacksonville; Cape Ducato from Jacksonville; Cape Lobos from Wilmington DE; Cape Inscription from Beaumont

TX; the Cape Intrepid from Orange TX; the Ro/Ro Cargo Ships USNS Cape Texas; USNS Cape Taylor; USNS Victory; USNS Vincent; the Cape May "Seabee"-class Cargo Barge Carrier USNS Cape Mohican (T-AKR-5065); and the Gopher State-class Auxiliary Crane Ship USNS Cornhusker State (T-ACS-6). Those of you sitor equipped can log these guys sending SITREP's and AMVER's via CAMSLANT Chesapeake, NMN.

~ The U.S. Navy Cyclone-class Patrol Boat USS Monsoon (PC 4) ran aground in Port-au-Prince harbor. The vessel was reportedly patrolling the area using out of date navigation charts and hit a reef. Many Speedx'ers reported hearing Monsoon using a tactical callsign as this occurred on 8560.0 USB.

U.S. Coast Guard

~ The following U.S. Coast Guard vessels were assigned to Operation Uphold Democracy (Haiti) as of mid-September: "Island"-class Patrol Boats USCGC Nunivak (WPB-1306), USCGC Ocracoke (WPB-1307), USCGC Metomkin (WPB-1325), USCGC Drummond (WPB-1323), USCGC Padre (WPB-1328), and USCGC Wrangell (WPB-1332). Balsam-class Seagoing Buoy Tenders USCGC Papaw (WLB-308) and USCGC Acacia (WLB-406). Reliance-class Medium Endurance Cutter USCGC Durable (WMEC-628). Bear-class Medium Endurance Cutter USCGC Northland (WMEC-904). Hamilton-class High Endurance Cutters USCGC Midgett (WHEC-726) and USCGC Chase (WHEC-718). Also deployed are Port Security Unit (PSU) 301, Buffalo, NY, and 302, Cleveland, OH; six Five-person LEDETs, or Law Enforcement Detachments; 10 Marine Safety Inspectors, and four Navigation Advisors.

U.S. Air Force

~ Air Force News article: Flying missions near Haiti for Operation Uphold Democracy is the latest contingency for the Airborne Battlefield Command and Control Center nestled snugly inside the EC-130E Hercules aircraft.

"We're the overhead eyes and ears of any battlefield," said Capt. Martin S. Maynard, a five-year veteran of the ABCCC mission. "While AWACS (Airborne Warning and Control System) takes care of the air-to-air battle, we take care of supporting the battlefield on the ground with close air support assets. We save time, money, and most importantly, the lives of the troops on the ground," said the captain.

Although it looks like a C-130, it flies like a C-130 and it is a C-130, it's a whole lot more. Modifications to the aircraft include the addition of external antennae to accommodate the vast number of radios carried in the capsule, heat exchanger pods for additional equipment air conditioning, an aerial refueling system and special aircraft mounted rails for uploading and downloading the capsule. Only seven specially modified 1962-vintage C-130 cargo aircraft can carry the ABCCC capsule. Costing \$9 million each, the 20,000 pound ABCCC capsules measure 40 feet in length and just barely fit into the cargo area of the aircraft.

The advantage of flying near the battlefield is better radio communications with the ground forces. The flying battlestaff capsule has 23 secure capable radios including HF, UHF, VHF, and satellite. The two person communications section also handles intercom systems, radio relay capability, and teletype systems used to interface with the Automatic Digital Network.

Up front in the cockpit, the flight crew of four flies the long missions circling sometimes in sight of the battlefield. Back in the windowless capsule, the 15 airborne battlestaff members come alive with the constant buzz of activity even before the aircraft starts its seemingly never-ending orbit near the battlefield. The tightly packed capsule is a high tech world of 15 computer consoles and communications gear.

During this mission, the flight circling repeatedly near Port-au-Prince, Haiti, required air refueling to maintain its constant vigilance. An Air

National Guard tanker aircraft and crew from the 126th Air Refueling Wing at Chicago, Ill., off-loaded 6,000 gallons of fuel to the EC-130E about two-thirds of the way through the flight. Several ANG tanker units from various states are temporarily stationed here providing much needed fuel to the numerous aircraft assigned Haiti contingency duties.

The EC-130Es belong to the 42nd Airborne Command and Control Squadron (ACCS) a one-of-a-kind unit belonging to Air Combat Command. The squadron recently moved to its new home at Davis-Monthan AFB, Ariz., and now falls under the 355th Wing.

This deployment and the ongoing Operation Deny Flight round out a series of contingencies the squadron has supported since it began in the 1960s. The unit provided round-the-clock coverage from 1968 until 1973 during the Vietnam War and later supported the Mayaguez rescue in 1975. The squadron also participated with the American student rescue operation in Grenada in November 1983; the recovery efforts of Texas Congressman Mickey Leland in August 1989; Operation Just Cause, the invasion of Panama in December 1989; and Operations Desert Shield and Desert Storm for the liberation of Kuwait. (Courtesy of ACC News Service and Air Force News)

MARITIME

~ The Maritime Administration has awarded a \$7,800,000 contract to Stevens Technical Services Inc, of Brooklyn NY to convert the USNS Chauvenet survey vessel to a nautical training ship. The vessel will replace the Texas Maritime Academy's T/V Texas Clipper. Not sure if the name will become T/V Chauvenet.

~ American Family Cruises has ceased operations after the return of a cruise to the Caribbean from Miami, FL, September 10. AFC was a joint venture of Bruce Nierenberg (a founder of Premier Cruise Line in 1983) and Costa Cruises. AFC was very short lived: the first cruise was December 18, 1993. AFC was touted as a line for families with children, the first such line to cater exclusively to that market. AFC had one vessel, M/S American Adventure (35,000 ton passenger ship, 1,500 person capacity, entered service in 1963 as M/S Guglielmo Marconi, renamed M/S Costa Riviera, refitted 1993 and given present name.) American Adventure will return to the Costa Cruise Lines fleet, taking her old name of M/S Costa Riviera.

~ Holland America Cruise Line accepted M/S Ryndam (55,451 ton, 1,266 passenger cruise ship) last Friday at Ryndam's builders, Fincantieri, Monfalcone, Italy. Holland America's seventh and newest vessel left Fincantieri on September 19. Her debut will take place between October 5 and October 20 in Tampa and Ft. Lauderdale, FL.

We spoke before of the decline of this solar cycle. According to the W1AW Propagation Forecast Bulletin 39, "the absolute lack of sunspots and resulting low solar flux make the Maximum Usable Frequency (MUF) on HF to go low last month. Kind of a shame it happened as we enter the Fall DX season, but be prepared for more of this over the next several years. As the current solar cycle declines, we can look forward to the end of 1997 as the period in the next cycle when solar activity will increase again to where it is now. In the interim, 1996 should be the year of the quiet Sun, with the lowest average solar flux now projected for October of that year. The current projection based on the SESC Regression Model is for the peak solar flux to be around August, 2000." Something to look forward to, eh?

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Note: This is the Dec. 'Electronic Edition' and is from the Nov. 1994
SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091. SPEEDX
utility coverage now consists of three columns:

UTILITIES: Edited by Mike Wolfson. Logging's, frequencies, and schedule information. Contributions in these area's can be sent to Mike.

UTILITY NOTES: Edited by Rick "RD" Baker. News and information about the world of utilities, and utility stations. Contributions in these area's can be sent to myself.

UTILITY VERIFICATIONS: Edited by Tim Braun. "UTE" only QSL's and Verifications. QSL info. I hope to add Tim's column to the electronic edition soon.

SPEEDX members had this information over 2 months ago! If you would like to receive this information as quickly as our members do, SPEEDX publishes a monthly DX bulletin of around 43 pages, Shortwave Radio Today (ISSN 0882-8091). Some of the other column's include:

THE DXperience: Focusing on notes,news,and views of what's happening in the exciting world of Shortwave radio. Edited by Dan Brame

TRASH & TREASURE: Information on catalogs, freebies, promotions, and SWL related items. Edited by Donald F. Weber

WHAT'S ON: A program listing, and some freqs for SW Radio edited by Daniel Sampson. (73540...@compuserve.com)

SHORTWAVE TO GO!: News and information on shortwave broadcast stations. Edited by Richard E. Hankison

WESTERN HEMISPHERE: SWBC logging's column edited by Don Thornton

EUROPE: SWBC logging's column edited by Tim J. Johnson

THE COMMONWEALTH: SWBC logging's column edited by Bruce Robinson

AFRICA: SWBC logging's column edited by Paul Wakefield

ASIA/OCEANIA: SWBC logging's column edited by William Westenhaver

QSL REPORT: a QSL reporting column edited by Michael Fanderys

SPEEDX AWARDS: A wide variety of awards are available for members DX'ing accomplishments, Harold Woering, Awards Chairman

....and more!

If you would like to learn more about the SPEEDX radio club, (the Society to Preserve the Engrossing Enjoyment of DX'ing), a Non-Profit ALL Volunteer hobby organization founded in 1971, please write to Bob Thunberg Business Manager, SPEEDX, P.O. Box 196, DuBois, Pennsylvania, U.S.A., 15801-0196. Club dues are as follows:

USA and Mexico	\$23.00
Canada (AO Airmail)	25.00
Central/South America, Caribbean (airmail)	29.00

Europe (AO Airmail)	33.00
Africa/CIS/Asia/Oceania (AO Airmail)	37.00
Outside North America (Surface Mail)	23.00

All prices are in US funds. Tell Bob you heard about us from the Electronic Edition!

DE RD
NNNN

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Rick Baker (ae...@yfn.ysu.edu)
Recorded live and direct from downtown Austintown, Ohio

reg. LV-OEP) (Clar, NY)
 8879 PAKISTAN 717: 1309 10/2 USB (wkg Gander w/position rpt) (Clar, NY)
 8891 JAPAN AIR 623: 0138 10/2 USB (wkg Iceland w/position rpt) (Clar, NY)
 8894 ALGIERS RADIO: Algeria 0227 USB (wkg SA234 w/ARP) (Orr, Va)
 8903 LUANDA RADIO: Angola 0245 USB (wkg SR286 w/ARP) (Orr, Va)
 8906 VIASA 708: 1940 10/10 USB (wkg NY w/position rpt, SELCAL CKBD) (Clar, NY)
 8960 AIR LIFT 974: 1946 10/23 USB (wkg Portishead Radio w/position rpt, SECAL) (Moody, Me)
 8967 #59399: 1959 10/23 USB (pp to McCord AFB via McClellan, QSY 11243) (Moody, Me)
 10048 DYNASTY 003: 0417 10/19 USB (wkg Honolulu, re ATC clearance to fl 350) (Navary, Va)
 10291 VIRGIN 01: 1912 10/28 USB (wkg Portishead w/pp) (Braun, Va)
 11217 GOPHER 12: 1410 10/28 USB (wkg MINUTEMAN (ANG Andrews) via MacDill pp w/ETA) (Braun, Va)
 11396 NAVY LJ-02: 1914 10/5 USB (wkg NY w/position rpt, request for FL 280) (Navary, Va)
 11470 SILVAIR RADIO: 1623 10/24 USB (clg GIANT 051, no joy, wkg BSK 1945 on the grd in Atlanta, wkg BIG A 043 for wx for SBBV, SBEG) (Navary, Va)
 13247 INTIMATE: 1808 10-25 USB (u/id a/c wkg McClellan GHFS after sev QSY's for Pattern 3 conference call, after duel note tones, various commands ck into pp incl STRATCOM, Pacific Command, Atlantic, NIGHTWATCH, others, had hrd of these "war" call tests before, but was 1st I hrd) (Baker, Oh)
 13330 AIR INDIA 187: 1741 10/22 USB (wkg NY w/position rpt, SELCAL DEJT, enroute Toronto) (Moody, ME)
 13356 AIR JAMAICA 041: 1952 10/10 USB (wkg Jamaica Dispatch, position/status rpt, ETA Baltimore, SELCAL HJAE) (Clar, NY)
 15015 HERC 63: USAF 1444 10/10 USB 433 (wkg Wright Patterson AFB w/mission data and ETA) (Wolfson, Oh)
 17946 NIPPON CARGO 109: 0022 10/3 USB (wkg Honolulu w/position rpt, destination Narita) (Clar, NY)

CW

500 VCS: Canada Halifax CG Radio 0434 10/11 CW (clg 9HKL4 for QTC) (Navary, VA)
 4243.99 RIO RADIO: Brazil 0704 10/30 (Roach, Ca)
 4251 PPJ: Juncao Radio Brazil 0707 10/30 (Roach, Ca)
 4263.31 ZLO: Irirangi Radio New Zealand 0715 10/30 (Roach, Ca)
 4298 PPO: Olinda Radio Brazil 0716 10/30 (Roach, Ca)
 5001 4XZ: Haifa Radio Israel 0425 10/12 poor/fair (WWV QRM) (Hardester, NC)
 5850.1 OXT: Skamlebaek Denmark 0028 10/13 (marker) (Lukas, NY)
 6758 MKL: RAF RADSTA UK 0302 10/17 good (ID, coded tfc, listed 6757) (Hardester, NC)
 8004 NO ID: 0503 10/12 fair/good (T 2 6-ID) (Hardester, NC)
 8448 A9M: Bahrain Radio 0130 10/20 (marker) (Thompson, NM)
 8461 CBA: Antofagasta Radionaval Chile 0535 10/12 poor (marker, bad QRM) (Hardester, NC)
 8471 NMN: USCG Portsmouth Va US 0136 10/31 (marker) (Moody, Me)
 8474 JYO: Aqaba Radio Jordan 0545 10/12 poor/fair (marker) (Hardester, NC)
 8475.5 FUX: Le Port Naval Reunion 0035 10/21 (marker) (Thompson, NM)
 8478 VHP: RAN Master Stn Canberra Australia 0610 10/12 (marker, bad QRM from FUF-8478.5) (Hardester, NC)

8497 HLJ: Seoul Radio S Korea 1200 10/22 (marker) (Thompson, NM)
 8502 PPL: Belem Radio Brazil 0146 10/31 (marker) (Moody, Me)
 8511 XSW2: Taichung Radio Taiwan 1205 10/22 (marker) (Thompson, NM)
 8512.8 VHI: RAN Darwin Australia 0935 10/9 fair/good (marker) (Hardester, NC)
 8522 FFL4: St Lys Radio France 0153 10/31 (marker) (Moody, Me)
 8575 5AT: Tripoli Radio Libya 0040 10/21 (marker) (Thompson, NM)
 8584 VPS36: Cape D'Aguilar Radio Hong Kong 1215 10/22 (marker) (Thompson, NM)
 8628.5 NOJ: USCG Kodiak Ak US 0115 10/22 (marker) (Thompson, NM)
 8638.5 DAM: Norddeich Radio Germany 0050 10/21 (marker) (Thompson, NM)
 8652.5 PZN3: Paramaribo Radio Surinam 1210 10/21 (marker) (Thompson, NM)
 8670 IAR: Rome Radio Italy 0105 10/21 (marker) (Thompson, NM)
 8681 SVI4: Athens Radio Greece 0108 10/21 (marker) (Thompson, NM)
 8686 PKF: Makassar Radio Indonesia 1208 10/21 (marker) (Thompson, NM)
 8688.5 ZSC: Capetown Radio S Africa 0013 10/22 (marker) (Thompson, NM)
 8691 XST: Qingdao Radio China 1205 10/21 (marker) (Thompson, NM)
 8698 7TF6: Boufarik Radio Algeria 0010 10/22 (marker) (Thompson, NM)
 12781.5 9MG23: Penang Naval Malaysia 1430 10/22 (marker) (Thompson, NM)
 12907.5 VHP: Canberra Naval Australia 1440 10/22 (marker) (Thompson, NM)
 12966.8 A7D: Doha Radio Qatar 1247 10/22 (marker) (Thompson, NM)
 16828.8 WLO: Mobile Radio Al US 1720 10/14 (marker) (Lukas, NY)
 16974 SPE: Szczecin Radio Poland 1250 11/2 (marker) (Thompson, NM)
 17074.9 FFT84: St Lys Radio France 1430 10/14 (marker) (Lukas, NY)
 22446 EAD6: Madrid Radio Spain 1533 10/22 (marker) (Ward, Ca)
 22463 JCU: Choshi Radio Japan 0003 10/31 (marker) (Ward, Ca)
 22474 VIP: Perth Radio WA Australia 0058 10/19 (marker) (Ward, Ca)
 22476 NMO: COMMSTA Honolulu Hi US 0154 10/7 (marker) (Ward, Ca)
 22485 VHP: Canberra ACT Australia 0139 10/28 (marker) (Ward, Ca)
 22537 FUF: Fort de France Naval Martinique 1526 10/22 (marker) (Ward, Ca)
 22544 FUM: Papeete Naval Tahiti Society Is 0149 10/7 (marker, frequency abandoned sometime between 10/7 and 10/16) (Ward, Ca)
 22553.9 KOAT: 0102 10/18 (NO ID, w/"hkmr de koat") (Ward, Ca)
 22576.5 JNA: Tokyo Radio Japan 0152 10/28 (marker) (Ward, Ca)
 22582.3 KFS: Palo Alto Radio Ca US 1837 10/14 (marker) (Lukas, NY)
 22656.5 UFL: Vladivostok Radio Russia 0100 10/19 (marker, tfc list) (Ward, Ca)
 22664 FUM: Papeete Naval Tahiti Society Is 1727 10/16 (marker, new frequency started sometime between 10/7 and 10/16) (Ward, Ca)
 22669.5 JCS: Choshi Radio Japan 0215 10/28 (marker) (Ward, Ca)
 22670.5 PPR: Rio Radio Brazil 0023 10/31 (marker) (Ward, Ca)

MARINE

1890 PCH: Scheveningen Radio Netherlands 0334 10/27 USB (nav warnings, wx) (Navary, VA)
 2103.5 CG2959: Canadian Fisheries Patrol Ship Leonard J. Cowley 0404 10/14 USB (wkg CG ship CCGS Sir Wilfred Grenfell, CGJY, re is on scene for SAR & has picked up debris, both ships out of St Johns) (Baker, Oh)
 2182 SSHW: Wadi al Arish 0229 10/12 USB (Egyptian-flagged cargo ves wkg USCG Corpus Christie Group wanting to make a R/T call to Md, CG told him "No telephono" repeatedly, till he finally understood they were not a high seas station) (Cope, Tx);
 2206 CGQW: Canadian Coast Guard ship Mary Hichens 0718 10/27 USB (wkg Yarmouth CG Radio, VAU (on 2582) w/SAR exercise msg tfc to USCG Grp Woods Hole) (Baker, Oh)
 3230 NO ID: 0340 10/17 USB (partial ID: RED...) (Hardester, NC)
 3253 NODH: USCGC Bittersweet (WLB-389) 0235 10/14 USB (wkg Group Woods

Hole re HF DL freq, 1st Dist freq) (Baker, Oh)

4071 LN7491: Skipper'N 0951 10/9 USB (Norwegian-flagged yacht wkg WOM, Pensacola Radio, FL, for R/T call) (Cope, Tx)

4098 NCOM: USNS Comfort (T-AH-20) 0338 10/2 USB (wkg WOM, Pensacola Radio, FL, for free 3-min R/T calls for the sailors) (Cope, Tx)

4146 WAV4649: Seacor Star 0339 10/27 USB (wkg Seacor Base) (Cope, Tx)

4366 FFL29: St Lys Radio France 0313 10/29 USB (marker for ship radio calibration) (D'Angelo, Pa)

4390 WOM: Ocean Gate Radio NJ US 0310 10/1 USB (wkg Regal Empress, C6LW2, a Bahamian-flagged cruiseship, for R/T tfc) (Cope, Tx)

4402 KMI: Dixon Radio Ca US 0352 10/4 USB (wkg Lucky Lady III, WCH8233, for R/T call) (Cope, Tx)

4417 WYR9980: S/Y Spoonbill 2155 10/27 USB (yacht clg Nemo's Bounty) (Cope, Tx)

5320 NMG: USCG COMMSTA New Orleans La US 0246 10/13 USB (clg T3T, asking amount of catch, position rpt, could not ID site of sale) (Cope, Tx)

5696 NMN: CAMSLANT Chesapeake Va US 0103 10/17 USB (wkg Rescue 1713, a Hercules, re Maranatha, WCF5140, a 54' S/V w/3 POB whose engine room was flooded thru an open window, pilot rpt surface conditions unfavorable for radar contact, started PS search, found ves, VHF contact, ves dewatered) (Cope, Tx)

6221 C6TV: M/S Statendam 0203 10/29 USB (wkg M/S Noordam, PJCO, w/pp's, poss ship to ship employee, Holland-American Line freq) (Baker, Oh)

6224 KA2XTH: NO ID 1950 10/28 USB (experimental sta wkg KA2XTI att to set up 2400 baud video. Ltr QSY 8297 w/same). (Baker, Oh)

6227 AADT: USAV Aldie 0327 10/4 USB (clg ALCC who was clg AAEC, no joy on any contacts) (Braun, Va)

6693 HMCS OKANAGAN: 1137 10/7 USB (wkg Halifax Military w/pp re outcome of night ops and briefing) (Braun, Va)

6693 CGLM: Canadian Forces attack sub HMCS Okanagan (SS-74) 2310 10/29 USB (wkg Halifax Military re RTTY to pass, uses ID "Submarine Okanagan") (Baker, Oh)

8156 LH: 1140 10/6 USB (wkg TG w/patrol area and status update, Caribbean accents) (Braun, Va)

8198 WYN6254: Mister Don 2340 10/15 USB (tug wkg WOM, Pensacola Radio, FL, for R/T call) (Cope, Tx)

8204 ELMQ: Fair Princess 1710 10/13 USB (Liberian-flagged cruiseship wkg KMI, Dixon Radio, Ca, for R/T call) (Cope, Tx)

8225 TCPU: Levent/K 0328 10/28 USB (Turkish-flagged cargo ves clg WOM, Pensacola Radio, FL, for R/T call) (Cope, Tx)

8234 WBR5748: Tropic Explorer 1339 10/8 USB (yacht wkg WOM, Pensacola Radio, FL, for R/T call) (Cope, Tx)

8258 ELMQ: Fair Princess 0121 10/9 USB (Liberian-flagged cruiseship wkg KMI, Dixon Radio Ca for R/T call) (Cope, Tx)

8270 3FMF2: Enchanted Seas 0328 10/10 USB (Panamanian-flagged cruiseship wkg WOO, Ocean Gate Radio, NJ, for R/T call) (Cope, Tx)

8294 WHISKEY GOLF: 0514 10/12 USB good (clg WGW, no joy) (Hardester, NC)

12230 WGWA: Omi Willamette 2109 10/22 USB (tanker clearing w/KMI, Dixon Radio, Ca) (Cope, Tx)

12245 C6DM3: Royal Viking Sun 2120 10/11 USB (Bahaman-flagged cruiseship wkg WOM for R/T call, woman on board w/infected hand) (Cope, Tx)

12272 ELIR8: M/S Star Princess 1657 10/5 USB (Liberian-flagged cruiseship wkg WOM, Pensacola Radio, FL, for R/T tfc) (Cope, Tx)

12296 A8UX: Marika Stravelakis 2042 10/8-94 USB (Liberian-flagged bulk carrier wkg WOM, Pensacola Radio, FL, for R/T call) (Cope, Tx)

12353 WYP4482: Crusader 2133 10/2 USB (Tug wkg WPE, Tug Communications, Inc., Jacksonville, FL) (Cope, Tx)

- 13092 WOM: Pensacola Radio FI US 1701 10/3 USB (position report and commentary on the BOC (British Oxygen Company) around the world, singlehanded sailboat race) (Cope, Tx)
- 13107 WOO: Ocean Gate Radio NJ US 2212 10/27 USB (wkg S/V Newcastle, Australian entry in the BOC singlehanded around the world sailboat race, YL telling ves what newspapers and magazines were saying about it) (Cope, Tx)
- 16390 ELKIS: Delta I 2034 10/8 USB (Liberian-flagged oil tanker clg Berne Radio, no joy) (Cope, Tx)
- 16534 KXE221: BOC Race Control 2138 10/22 USB (wkg yacht Ben Vio, MLDX2, and Hunter's Child, WAO5590, a sloop, both participants in the BOC singlehanded around the world sailboat race) (Cope, Tx)
- 17332 WOO: Ocean Gate Radio NJ US 1953 10/10 USB (wkg M/V Otto Candies, WBT9806) (Cope, Tx)

PHONE

- 5277 Atlas: U.S. Customs 'COTHEN'-Customs Over The Horizon Enforcement Network station, Cedar Rapids, Ia. US 0233 10/3 USB (clg 32C no joy). (Baker, Oh); NMG: USCG COMMSTA New Orleans US 0251 10/3 USB (clg CG 6027, HH-60, no joy, most likely the 32C being called) (Baker, Oh)
- 5400 NMR1: GANTSEC USCG Greater Antilles Section San Juan PR 0029 10/29 USB (wkg R7R, req they switch to "3E7"). (Baker, Oh)
- 5910 NO ID: 0330 9/23 (EE 5 nbr grps) (Newbury, Ne)
- 6795 NO ID: 1900 10/28 USB (wkg u/id stn w/track course updates) (Braun, Va)
- 6989.4 AAA9B: 0217 10/25 LSB 444 (MARS tfc) (Owsley, Ca)
- 6993 AIR FORCE 1: 0035 11/1 USB 555 (wkg Andrews AFB) (Owsley, Ca)
- 7940 7FX: 2145 10/8 USB (clg 5GT, no joy) (Braun, Va)
- 9027 PACAF 01: 1130 10/20 USB (wkg Randolph Dispatch via Andrews pp w/runway parking area request, NOTAM, metro) (Braun, Va)
- 10426 NO ID: 1815 10/7 fair/poor (w w/EE nbr stn) (Hardester, NC)
- 10493 WGY910: FEMA Bothwell Wa US 1810 10/25 USB (wkg WGY908 FEMA Denver, w/somewhat informal coms, WGY912 FEMA Special Facility Berryville Va) (Navary, Va)
- 10780 CAPE RADIO: FI US 1255 10/9 USB (wkg 7D7 for rdo chk) (Navary, Va)
- 11126 ARMY COPTER 70074: 1530 10/9 USB (QSY from 11176, A/C pp for DSN nbr, on contact referred to another nbr, Albrook advises GHFS is FOUO) (Navary, Va)
- 14656 SPW: Warszawa Radio Poland 1354 10/28 USB (marker) (Braun, Va)

RTTY/FAX

- 2423.5 SAB: Goeteborg Radio, Sweden 0518 10/19 SITOR-B (w/Swedish nx, fol by ann of new maritex channels & tfc list) (Baker, Oh)
- 2716 SAB: Goeteborg Radio, Sweden 0539 10/19 Sitor A (sending SELCAL PIYP) (Baker, Oh)
- 2815.5 OST: Ostend Radio Belgium 0335 10/17 RTTY fair (marker) (Hardester, NC)
- 2845 PBB: Dan Helder Naval Netherlands 0559 10/19 75/850 (test tape, //3764.4) (Baker, Oh)
- 2892.5 MTO: RN Rosyth Scotland 0602 10/19 75/850 (test tape) (Baker, Oh)
- 3517 GNI1: Niton Radio UK 0350 10/17 RTTY fair (ID) (Hardester, NC)
- 3607.3 GKZ1: Humber Marine Radio UK 0355 10/17 RTTY fair/poor (ID) (Hardester, NC)
- 3607.5 GKZ: Humber Radio UK 0631 10/19 SITOR-A (ID) (Baker, Oh)
- 3607.8 GHD2: Hebrides Marine Radio UK 0355 10/17 RTTY (ID, QRM) (Hardester,

NC); GHD: Gallan Head Radio UK 0632 10/19 SITOR-A (ID) (Baker, Oh)
3615.7 GND: Stonehaven Radio UK 0634 10/19 SITOR-A (ID) (Baker, Oh)
4177 OUMW2: M/V Ocean Tramp 1157 10/24 SITOR-A (tlx tfc) (Navary, Va)
4570 HZN46: Jeddah Meteo Saudi Arabia 0250 100/850 (wx chart) (Scalsky, Md) (Welcome to the column Stan-MW)
5385 NNN0COY: USN Norfolk Va US 0038 PACTOR 200/170 (MARSgrams to Ohio destinations/NNN0QKW) (Scalsky, Md)
5400 WUG: U.S. Army Corps of Engineers Vicksburg Ms US 2050 10/19 SITOR-A (b/cast showing USCOE vsls & positions in Vicksburg district) (Baker, Oh)
6371 GYU: RN Gibraltar 0204 75/170 (test line) (Scalsky, Md)
6926.9 NO ID: 1646 ARQ E3 48/397 (not listed, idling, presume FF) (Hall, SA)
6950 RJK78: Kiev Meteo Ukraine 1654 FAX 90/576 (poor chart) (Hall, SA)
7318.8 SUU: Cairo Meteo Egypt 1708 75/170 (wx codes) (Hall, SA)
7582 NKW: USN Diego Garcia 1716 FAX (poor wx chart) (Hall, SA)
7626 TZH: ASECNA Bamako Mali 0230 10/8 50/425 (RYRY, ID test tape) (Baker, Oh)
7763.7 3BZ: Plaisance Air Mauritania 1730 ARQ E3 48/393 (idling) (Hall, SA)
7834.5 5ST: ASECNA Antananarivo Madagascar 0245 10/8 ARQ-E3 48/170 (idling) (Baker, Oh)
8093.1 GXQ: London UK 2037 50/400 (foxes) (Scalsky, Md)
8378.5 JXVF: Norwegian factory fishing ship Volstad 0056 10/18 SITOR-A (fish catch report to Greenland "fisker licenskontrol" & CC'ed to Greenland "Komando") (Baker, Oh)
8390.5 YLAO: TK Mikhail Lomonosov 2225 10/3 SITOR-A (tlx att to arrange swap for 80 Mercedes parts & ladies size 38 boots in exchg for "fine Russian salt water red caviar" and crabs). (Baker, Oh)
8397 FB: NO ID 2145 10/24 75/170 (5 ltr grps, ID) (Baker, Oh)
8417 GKE4: Portishead Radio UK 2143 10/17 SITOR-B (SOS relay fm "CG Falmouth" for the 60' S/Y Gartmore Investment Managers, yacht in the BOC Challenge Around Alone 94-5 race, msg shows yacht Newcastle Australia, another BOC yacht, responding to assist) (Baker, Oh)
8418 LSD836: Argentina Radio 0520 10/12 RTTY fair/poor (marker) (Hardester, NC)
8419.5 PPR: Rio Radio Brazil 0525 10/12 RTTY poor (marker) (Hardester, NC)
11543.7 NO ID: 1317 86/123 (unable to decode) (Hall, SA)
12190.4 RFVI: Le Port Reunion 1345 ARQ E3 100/400 (5 ltr grps, idling) (Scalsky, Md)
12203.8 E9FJ5: NO ID 1258 75/180 (5 ltr grps to Q6FTGT in clear) (Hall, SA)
12484 P3LX5: M/V Spica 2113 10/2 SITOR-A (wx obs to Hamburg) (Navary, Va)
12491 UODD: M/V Beloostrov 1257 10/11 SITOR-A (wx obs to Wash DC) (Navary, Va)
12498.6 ZOE13: Tristan de Cunha 0844 SITOR-A (EE tfc to UK via ZSC Capetown) (Hall, SA)
12504.5 EQJL: Iranian Cargo Ship Iran Dastgheyb 2153 10/28 SITOR-A (tlx's to Acadiaship, ea starts w/"In the name of Allah") (Baker, Oh)
12506 NO ID: 2100 10/9 SITOR-A 333 (tfc from Goodrich Bay) (Card, RI)
12507 HKRX: M/N Excelso 2022 10/13 SITOR-A (SS tlx) (Navary, Va)
12597 SPB62: Szczecin Radio Poland 2056 10/1 SITOR-B (w/stn info, tfc lst) (Baker, OH)
12818.1 SAB63: Goeteburg Radio Sweden 1717 SITOR-B (Swedish txt) (Scalsky, Md)
13366.7 5YD: Nairobi Air Kenya 0517 50/222 (wx, aero tfc) (Hall, SA)
13530.2 RVW53: Moscow Meteo Russia 0525 50/1005 (wx codes) (Hall, SA)
13882 DDK8: Hamburg Germany 1330 10/10 FAX 354 (wx maps) (Card, RI)
13920 AXM35: Melbourne Meteo Australia 0537 FAX (fair chart) (Hall, SA)
13958.5 MFA: Berne Radio Switzerland 1340 10/10 SITOR-A 354 (Swiss press

been nice!

Many fellow Speedx'ers heard some of the great wargame communications heard recently on 6780.0 USB. Heard was what may have been some sort of multi-national exercise or wargame involving U.S. and South American navies, based on the accents. This was with S2 working B4. Referred to was a place called "Isla de la Plata" where units were ordered to proceed and defend. Jim Navary looked, but couldn't find that name that on a map. SEAHAWK 2 (possibly an SH-60 'Seahawk' LAMPS helo deployed by one of the ships) at one point reported that he had been advised on the "umpire net" that he had been "taken out". Lots of "weapons free" and "birds away" traffic with simulated and perhaps live-fire missile exercises. Was interesting stuff. Signals were "barely heard" in Michigan to strong in Virginia.

When I listed all the Russian RTTY books in the column a couple months ago, I didn't realize another was so close to release. Just released is the Hobbyist's COMINT Russian Radioteletype Dictionary by fellow Speedx'er and the author of the Hobbyist's Guide to COMINT Collection and Analysis, Tom Roach. One again in the spiral bound format and containing some 58 pages, the book lists Russian words created by three types of files: 1. Transliterated Cyrillic "Pakratt Code 3" output; 2. Universal M-7000 decoders "printer output" and 3. Transliterated equivalent of the Universal M-7000's "printer output". It features ONLY words used in actual traffic, including jargon. It also doesn't require you to know any Cyrillic alphabet characters. In short, with this dictionary, which is planned to be updated continuously, you should almost always be able to get the gist of what is being sent in a Russian RTTY or CW message. Only "real" captured traffic was used to form the basis of the dictionary.

The "Hobbyist's COMINT Russian Radioteletype Dictionary" by Tom Roach is available direct from the author at 1330 Copper Peak Lane, San Jose, CA, 95120-4271 with a cost of \$30 USA (plus \$4 shipping/handling 2 day priority mail); \$37 (overseas, all countries, shipped Air Mail). The book will also be available through other dealers soon. All orders direct from Tom include air mail shipping, but no credit cards accepted. If you are one of the many who enjoy chasing Russian (and all of the former Soviet Union, et al) RTTY or CW, you will want to include this book in your reference library.

MILITARY

Many of you have noted several frequency changes starting mid-November. The U.S. Coast Guard changed some longtime air to ground frequencies. 11201 is now 11202; 8984 is now 8983; 3123 is now 3122. For now, 5696 remains the same. Canadian Forces frequencies 9006 and 6683 are now 9007 and 6684. Note all frequencies end in ".0" and are USB. The USCG changes are supposed to be part of a DoD plan to realign some frequencies to make room for new ones. Perhaps the realignment is wider than just the U.S. DoD considering the Canadian changes. In any case I'm sure there will be more. If anyone else has noted any changes worldwide anywhere, I'd appreciate hearing from you! I'll post an update next month.

Canadian Forces

~ For those who keep lists, HMCS Fraser (DDH-233) was decommissioned October 31, 1994. Her international callsign was CZFG, and CFARS was CIW8103.

~ Some active frequencies you may try to log are 6694 and 6705 for CFB Shearwater, or Shearwater Military. The Canadian government is going to downsize the base starting next year, with most of the base to be transferred to civilian use. These frequencies are reported to be in use there.

~ Last year we had Tim Brauns' mystery station CGF on 6504.0 Khz., that was heard working Canadian Coast Guard icebreakers. In a QSL letter I received from a Canadian Coast Guard icebreaker, they describe CGF as being "Ice Halifax". The icebreakers maintain a schedule with CGF all winter long at 1320 Z and 1900 Z, usually on "four megs". Four megs may be 4363. Rick Matthew up in Vancouver also dropped a note suggesting CGF may also use 4318, 8725, 13140, 17326 and 22780. I assume CGF is like the U.S. Coast Guard CommSta Boston, NIK, their callsign for the International Ice Patrol. So this is about 90% of the puzzle solved. Now who actually runs CGF? And can we confirm the International Ice Patrol connection?

~ SWORDFISH is reported as the callsign for one of the CP-140 Aurora Squadrons at CFB Greenwood. This plane is the Canadian version of the U.S. P-3C.

~ The CFARS callsign CIW8125 has been issued for the HMCS Ville de Quebec.

U.S. Navy

~ NAVMARCORMARS Update:

NNNOBLU NOW CALLSIGN NNNOCQN (USS BLUERIDGE)

NNNONHJ HSL-48, DET 9, NAVAL STATION, MAYPORT FL 32228

NNNOCWA NAVAL SPECIAL WARFARE GROUP TWO, 1430 HELICOPTER ROAD, SUITE 200, NORFOLK, VA. 23521, OPERATES ABOARD VARIOUS SHIPS.

NNNOCWF USCGC ESCAPE (WMEC 6), C/O CHARLESTON NAVAL STATION, CHARLESTON SC 29402

NNNONNA MILITARY TRAFFIC MANAGEMENT COMMAND, COMMANDER MTMCEA, MTIME-N-HF, BLDG. 42 ROOM 5302, BAYONNE NJ 07002-5302, TEMPORARY USED BY A U.S. ARMY CONTRACT SHIP.

NNNOCSD USS SHILOH (CG-67) FPO AP N/A

NNNONPT PATROL SQUADRON 40 (VP-40) FPO AP N/A

NNNOCPX USS VANDERGRIFT (FFG 48), FPO AP 96682-1502

NNNOCVU, NNNOCVO, NNNOCXV, NNNOCSK, NNNOCYD: DECOMMISSIONED

NNNONUH UN FORCES AGHUEIT, WESTERN SAHARA; NNNONUI UN FORCES AWSARD, WESTERN SAHARA; NNNONUJ UN FORCES BIR LAHLOU, WESTERN SAHARA; NNNONUK UN FORCES DAHKLA, WESTERN SAHARA; NNNONUL UN FORCES LAAYOUNE, WESTERN SAHARA; NNNONUM UN FORCES MAHBAU, WESTERN SAHARA; NNNONUN UN FORCES MEHARIEZ, WESTERN SAHARA; NNNONUO UN FORCES MIJEK, WESTERN SAHARA; NNNONUP UN FORCES OUM DREGA, WESTERN SAHARA; NNNONUQ UN FORCES SMARA, WESTERN SAHARA; NNNONUR UN FORCES TIFARITY, WESTERN SAHARA; NNNONUS UN FORCES TINDOUF, WESTERN SAHARA; and NNNONUT UN FORCES ZIUG, WESTERN SAHARA.

NNNOCBV USS CANOPUS (AS-34)

NNNONRJ TERMINATED - BASE CLOSURE

NNNOMFC 2ND MARINE EXPEDITIONARY FORCE CARIBBEAN

NNMOCXS USCGC DALLAS

NNNOCRR USS CROMMELIN (FFG-37)

NNNONIA FAMILY SERVICES CENTER BOX 184, NAS CECIL FIELD, FL 32215-0184

NNNOMAQ USMC HELO

NNNOMJF CAMP FUJI JA

NNNOHLG CW BEACON, USN SHIP, KOREAN AREA TO ASSESS PROPAGATION, 12935.3

NNNOHLJ CW BEACON, USN SHIP, KOREAN AREA TO ASSESS PROPAGATION, 16909.2

NNNOHLO CW BEACON, USN SHIP, KOREAN AREA TO ASSESS PROPAGATION, 16989.2

NNNOCQZ REASSIGNED USS CURTIS WILBUR DDG- 54 FPO AP 96683-1272

NNNOCAH, NNNOCRS, NNNOCBL: DECOMMISSIONED OR NO LONGER ASSIGNED

U.S. Coast Guard

~ New address for USCGC Valiant as she recently changed homeport from Galveston, Tx: c/o Coast Guard Base, 100 MacArthur Causeway, Miami Beach, FL

33139-5199. I was also able to find out that this address is good for USCGC Escape (WMEC-6): U.S. Naval Station, Charleston, SC 29408-5000.

~ Effective 1 October, the Coast Guard changed the name "Radioman (RM)" to "Telecommunications Specialist (TC)." So now we have a TCIC (Telecommunications Specialist In Charge) in place of the former RMIC.

~ Effective 1 April 1995, the Coast Guard will no longer have anything to do with CW, including HF. This will be the end of an era, and it's kind of sad.

~ USCGC Citrus (WMEC-300), NRPQ, has been decommissioned.

Thanks to Jim Pogue (author Coast Guard Radio and The Warship Directory) for most of the USCG info this month. Jim is considering updated editions on both of those books and is working on several new books these days.

Other information via the Navy News Service (NNS), Air Force News and Steve "Mr. Warship" Schultz.

MARITIME

~ I caught something new in a Sitor-B traffic list from Palo Alto Radio, KFS: CQ CQ DE KFS/WNU/VCT KFS/WNU/VCT

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HELLO ALL STATIONS. THIS BROADCAST ORIGINATES FROM:
PALO ALTO RADIO KFS (SAN FRANCISCO) - SELCALL 1094
SLIDELL RADIO WNU (NEW ORLEANS) - SELCALL 1109
GRAND BANKS RADIO VCT (NEWFOUNDLAND) - SELCALL 1094

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NEWS:

WNU ATOR CH.401 NOW OPERATIONAL.
VCT ATOR CH.812 AND CH.1263 NOW OPERATIONAL.
SIGNAL REPORTS WELCOME AND APPRECIATED.

===

FOR ATOR SERVICE USE KFS/WNU/VCT ITU CHNL PAIRS:
401 403 603 627 803 812 819 1203 1219 1257 1263 1647 1657 2203

Whoa...Grand Banks Radio, VCT...? That is correct! A new Sitor station joined the KFS/WNU team from up Canada way. Then the ever alert Mike Hardester heard the CW ID on 8414.0 and fired off several letters. Here is what Mike says he found out:

I received a letter today from Halifax Coast Guard, where each time I have an UNID Canadian, they hear from me and are always (usually) quick to reply. Regarding my log of VCT, the Acting OIC replied:

"When I first read your letter, I must confess that I had never heard of the radio callsign VCT. To satisfy my own curiosity, I went to the Ops room and tuned in 8422 kHz myself. There was no mistaking the CW ID as VCT. No one on duty that day knew who belonged to the callsign." He goes on to say he contacted the Dept. of Communications and they identified the operators: Sealink Communications, c/o General Delivery, Torres Cove, NFLD. AOA 4AO. They are a "privately owned company providing radio service to the shipping community." They have MF & HF radiotelephone capabilities, but the OIC said that RTTY was not listed. So, mystery solved.

And a good piece of detective work too! Thanks Mike.

~ Speaking of mysteries, last month Tim Braun reported Caribbean sounding traffic on 8156. I have since been able to confirm by listening that this is Coral Harbour Radio, C6N55, in the Bahamas. The frequency is not listed for

them anywhere. Not surprising as it's just a tad out of band. I've heard them working various pleasure vessels (all flagged in the Bahamas) 0300 to 0600 UTC. Not the 'patrol frequency' Tim thought he had found, but a nice "find" anyway! And maybe even better, cause we can QSL this one!

~ John Cope down Texas way reports finding "BOC Race Control" on 16534.0 USB, using callsign KXE221 working several BOC yachts. The BOC Around the World Alone is a single person around-the-world yacht race. Another good find from the only person I know to have logged a Pakistani naval ship! This was the SMDL3520, ARKE, on 12311.0 working probably Karachi Radio, Pakistan, which operates on that frequency.

~ Last year, the Greenpeace organization was granted a number of HF coast station frequencies with which to communicate with their fleet of vessels. The frequencies issued by the FCC are reported to have been such that the modulation had to be digital and was limited to a 300 hertz bandwidth. The digital mode thought to be used on these frequencies is Clover, a mode used in amateur radio circles. I'd be very interested if anyone has information on the actual frequencies or the mode used.

AERO

The National Hurricane Center (NHC) flies the famous WP-3C "Hurricane Hunter" aircraft NOAA 42 and NOAA 43. The NHC recently moved into new headquarters at this address: The National Hurricane Center, NOAA/NWS, 1320 S. Dixie Highway -Room 631, Coral Gables, FL 33146. The old address no longer works. But if you would like to write the aircraft crew, Jim Navary obtained this address: NOAA (aircraft 42 or 43), NOAA Aircraft Operations Center, PO Box 6829, MacDill AFB, FL 33608. Hurricane season ends by November 31 and the 42 and 43 aircrew's have already stood down from missions for this year.

Hurricane Gordon was a late one and resulted in several persons being rescued in SAR's by the U.S. Coast Guard. Most notable was the rescue of four persons from the S/V Marie Flower 2 by the HH-60 helo 6034. Due to the time on station to perform the rescues, arrangements were made for 6034 to refuel on board the aircraft carrier USS America. CBS showed footage taken by the helicopter of the rescue.

That's it for this month (and this year-hi!). I hope each and everyone of you has a joyful holiday season. DE RD

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Note: This is the Feb. 'Electronic Edition' and is from the Dec. 1994 SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091.

It is with great sadness I report that Speedx ceased publication with the January 1995 issue of Shortwave Radio Today. For those interested in utility stations (SSB or Digital) contact me at ae...@yfn.yzu.edu for the status in several ute information projects being considered by former Speedx members at this time. -Rick Baker

DE RD
NNNN

--
Rick Baker (ae...@yfn.yzu.edu)
Recorded live and direct from downtown Austintown, Ohio

KING 79: 1940 11/20 USB (wkg NY re vsl adrift, dropped liferaft w/radio) (Clar, NY)

8855 TRANS-BRAZIL 944: 2244 11/24 good (wkg Maiquetia Aeradio, Brazilian pilot used Spanish & the Ven ancr used English) (Moore, Ia)

8861 ADK 097: ADC Airlines Nigeria 1952 11/20 USB (wkg Recife w/pos, Recife ETA, SELCAL EGBH, reg 5N-BBD) (Clar, NY)

8879 BELGIAN AIR FORCE 602: 1352 11/26 USB (wkg Gander w/pos, SELCAL BGHR) (Clar, NY)

8891 CHURCHILL AERADIO: Canada 2340 11/20 fair (tfc) (Moore, Ia)

8896.5 VARIOUS AERADIOS: Peru 2256-2345 11/26 (Regional airports in cities of Tingo Maria, Cajamarca, Iquitos, Piura, Trujillo, Chiclayo, & Talara/Tumbes all in turn checking in with Lima airport in some sort of routine, nothing noted on checks two weekdays since, maybe a Saturday thing, fun to catch eight Peruvian utes at one shot) (Moore, Ia).

8906 FLORIDA WEST 300: 2041 11/12 USB (wkg NY, SELCAL AKEL) (Clar, NY)

8967 RODEO 81 HEAVY: 0107 11/8 USB 333 (clg Mainsail w/pp request, could not copy, QSY 15015, nothing hrd) (Wolfson, Oh)

8972 BLUESTAR: USN 2013 11/25 USB (wkg ZERO 3 for rpt) (Potts, Fl)

9007 VXA: Edmonton Military Canada 0300 11/26 USB (wkg CanForce 255 w/latest actual's YLL, YLW, others, note chg fm 9006) (Baker, Oh)

11176 BONE 62: 1410 11/11 USB 444 (wkg MacDill for Dakota metro, off base pp, possible B-1B) (Wolfson, Oh) [A B-ONE for sure! From Ellsworth AFB -RD]

11243 OLIVE 44: 1545 11/26 USB (C-135 w/pp to RAYMOND 21 re arrival info) (Potts, Fl)

11309 KEY 82: 1426 11/11 USB 434 (wkg NY, QSY 8825) (Wolfson, Oh)

11396 NEW YORK RADIO: US 1432 11/11 USB 433 (wkg AMERICAN 209/623H/661) (Wolfson, Oh)

11440 BODO ZULU: 1950 11/5 USB (wkg BODO ALPHA) (Braun, Va)

11460 SAM 29000: 1455 11/7 USB (wkg ANDY w/pp to WALDORF, SAM 050 also on freq) (Braun, Va); SAM 200: 2148 11/21 USB 433 (pp via Andrews w/doctor abt situation) (Wolfson, Oh)

11470 SILVAIR OPS: 1425 11/6 USB (wkg BISCAYNE (BSY) 625, depart and ETA w/pax load) (Braun, Va)

13201 POND 551: 2140 11/21 USB 333 (wkg RAYMOND 30 via pp, re missed tanker connections, plan to go on to McClellan, 3 hrs till able to meet landing wt, pp w/Elmendorf w/OK to proceed) (Wolfson, Oh)

13282 KVM70: VOLMET Honolulu Hi US 1929 11/20 USB (aero wx) (Wolfson, Oh)

13342 N765AT: 1600 11/3 USB (American Trans Air Flt, clg Stockholm Radio, no joy) (Navary, Va)

13354 CONNIE 762: 0025 11/26 USB (wkg Honolulu at pos SEDAR, SELCAL ALHK, reg N702CK, B747) (Clar, NY)

13396 AIR CANADA 951: 1833 11/26 USB (wkg NY w/pos rpt, FL request, SELCAL FQCL) (Navary, Va)

13440 SAM 203: 1550 11/7 USB (wkg Andrews for rdo chks) (Braun, Va)

15015 NAVY SAR 1: 1428 11/4 USB (wkg Lajes w/pp to JAX Fl OP CON, used c/s CARDFILE 712, ops normal, requested extension on stn) (Navary, Va)

15034 EDMONTON MILITARY: Canada 1525 11/13 USB (Canadian wx) (Hankison, Ks)

17940 UNIVERSAL HOUSTON: LDOC Tx US 1523 11/5 USB (wkg SJM1010 (Southern Air), N59JR) (Navary, Va)

CW

436 WCC: Chatham Radio Ma US 2251 11/9 (tfc 1st, // 4331, 13033) (Linscott, Me) (Welcome to the column Wes-MW)

4128 NO ID: 2350 11/29 (unid sta w/SS CW text ref to anniversary of Castro sailing to Cuba on vsl Granma 12-2-56, thanks to Don Moore for help w/clues, ID?) (Baker, Oh)

4241 4XZ: Haifa Radio Israel 0211 11/19 (marker) (Linscott, Me)
4245 UFN: Novorossiysk Radio Russia 0010 11/1 (marker) (Linscott, Me)
4265.6 DAM: Norddeich Radio Germany 0013 11/15 (marker) (Lukas, NY)
8367 DUNP: Marif 0309 11/20 (AMVER) (Blair, Ca)
8369 S6DN: Ikan Selar 2212 11/22 (clg VAI) (Blair, Ca)
8437 UFC: Russia 1355 12/3 (marker) (Thompson, NM)
8448 A9M; Bahrain Radio 1350 12/3 (marker) (Thompson, NM)
8473 A7D: Doha Radio Qatar 1831 11/23 (marker) (Linscott, Me)
8484 HZG: Damman Radio Saudi Arabia 1847 11/23 (marker) (Linscott, Me)
8492.5 TBA: Ankara Naval Turkey 1335 12/3 (marker) (Thompson, NM)
8539 VRX35:Cape D'Aguilar Radio Hong Kong 1325 12/3 (marker) (Thompson, NM)
8555 TBB2: Ankara Naval Turkey 1315 12/3 (marker) (Thompson, NM)
8590 NRV: USCG COMMSTA Guam 1310 12/3 (marker) (Thompson, NM)
8604.5 DZJ: Bulacan Radio Philippines 1307 12/3 (marker) (Thompson, NM)
8634 VTG6: Bombay Naval India 1255 12/3 (marker) (Thompson, NM)
8662 TAH: Istanbul Radio Turkey 2239 11/9 (marker) (Linscott, Me)
8690 XST: Quingdao Radio China 1245 12/3 (marker) (Thompson, NM)
8698 9MG2: Penang Radio Malaysia 1400 12/3 (marker) (Thompson, NM)
8699 9AR: NO ID 2258 11/11 (marker) (Linscott, Me) (Rijeka Radio

Croatia-MW)

12580 GKES: Portishead Radio UK 1606 11/22 (ID) (Blair, Ca)
12856 XSG: Shanghai Radio China 2224 11/9 (marker) (Linscott, Me)
22446 EAD6: Madrid Radio Spain 1621 11/14 (marker) (Ward, Ca)
22459 XSX: Keelung Radio Taiwan 0328 11/27 (marker) (Ward, Ca)
22473 CBV: Playa Ancha Radio Chile 1920 11/20 (marker) (Ward, Ca)
22474 VIP: Perth Radio Australia 2243 11/13 (marker) (Ward, Ca)
22482 HLG: Seoul Radio S Korea 2232 11/19 (marker) (Ward, Ca)
22537 FUF: Fort de France Naval Martinique 1655 11/13 (marker) (Ward, Ca)
22544 FUM: Papeete Naval Radio Tahiti 2156 11/14 (marker) (Linscott, Me)
22576.2 WNU36: Slidell Radio La US 2106 11/2 (marker) (Lukas, NY)
22581.5 KFS: Palo Alto Radio Ca US 2257 11/27 (marker) (Ward, Ca)
22603 PPR: Rio Radio Brazil 2255 11/27 (marker) (Ward, Ca)
22619.5 VCS: Halifax CG Radio NS Canada 1923 11/20 (marker) (Ward, Ca)
22664 FUM: Papeete Naval Tahiti 2208 11/19 (marker) (Ward, Ca)
22669.5 JCS: Choshi Radio Japan 0319 11/27 (marker) (Ward, Ca)
22670.5 PPR: Rio Radio Brazil 2237 11/27 (marker) (Ward, Ca)

MARINE

2182 USCG CAPE HATTERAS GROUP: SC US 1037 11/13 USB (PAN PAN msg, man rpt overboard from QE 2) (Navary, Va)
2261 NMN: CAMSLANT Chesapeake Va US 0627 11/10 USB (wkg CG Rescue 2113 for rdo ck, new CG air/gnd freq) (Baker, Oh)
2614 DAN: Norddeich Radio Germany 0535 11/15 USB (EE/GG nav warnings, very strong signal in Va - S7) (Navary, Va)
2670 NOK: USCG Key West Fl US 1509 11/25 USB (wkg disabled vsl Terminator) (Potts, Fl); ALASKA ACS: Kodiak Ak US 1432 11/17 USB 555 (EE wx, call for tfc) (Flynn, Or)
4071 C6DM2: Seaward 0143 11/13 USB (Panamanian-flag cruise ship wkg WOM Pennsuco Radio FL for r/t call) (Cope, Tx)
4095 C6KM: Holiday 0622 11/27 USB (cruise ship at pos 25N 80W wkg WOO Ocean Gate Radio NJ for r/t call) (Cope, Tx)
4098 WRT4569: Hawke Seal 0302 11/3 USB (tug wkg WOM for r/t call) (Cope, Tx)
4119 WCF5737: Sabre Service 0458 11/25 USB (supply ves clearing WLO Mobile AL fm false emergency) (Cope, Tx)
4125 WUR3886: S/V Olivia 0106 11/14 USB (clg S/V BIG MAC, no joy) (Cope, Tx)
4134 WSS3298: Capt Doug Bisso 0316 11/30 USB (wkg USCG COMMSTA Boston rep

ves in good condition and in no danger, unk where water came from)
(Cope, Tx)

4146 WZC5068: Delta Diamond 0419 11/1 USB (wkg KDL Hollywood Terminals Inc
Pasadena Tx) (Cope, Tx)

4149 WUR4582: Quest 0425 11/27 USB (S/V net control rpt of largest no of
boats ever checked into the net: 30) (Cope, Tx)

4372 GIANT KILLER: U.S. Navy FACSFAC (Fleet Area Control & Surveillance
Facility) for the Virginia Capes op's area (VACAPES) 2256 11/28 USB
(wkg W6Y re 2 F-14's scrambled/searching). (Baker, Oh)

4390 ELOU5: Zenith 0039 11/24 USB (Liberian flag cruise ves wkg WOM for
r/t call) (Cope, Tx)

4417 WBR6939: Bushwacker 0203 11/24 USB (yacht wkg yacht Grand Illusion,
WUT9871, re great sailing near Baha Ca) (Cope, Tx)

4426 MARINE FLOWER 2: 0647 11/17 USB (4134/4426, distressed 64' ketch wkg
M/V Northern Progress re ketch req assistance, N. Progress was
located via AMVER system, vsl's occupants were shown on CBS news
being rescued by USCG after ltr decided to abandon ship) (Baker, Oh)

6224 WBB9234: Patriarch 0610 11/12 USB (tug clg WPE Tug Communications Inc
Jacksonville FL) (Cope, Tx)

6233 NO ID: 0322 12/1 USB (pp between man/woman, bad QRN) (D'Angelo, Pa)

6501 NMD47: USCG Group Buffalo NY US 1840 11/10 USB (w/rare HF visit wkg
Great Lakes assigned USCGC Acacia (WLB-406). (Baker, Oh)

6516 NRDC: USCGC Campbell (WMEC-909) 0058 11/21 USB (wkg Grp Woods Hole,
on scene commander for fire involving coal carrier M/V Poly Doros,
wkg M/T Irving Canada who is assisting) (Baker, Oh)

8294 WYP4482: Crusader 0611 11/12 USB (tug clg WPE Tug Communications Inc
Jacksonville FL) (Cope, Tx)

8722 WOM: Pennsuko Radio FL US 0304 12/1 USB (r/t tfc) (D'Angelo, Pa)

8761 WOO: Ocean Gate Radio NJ US 0058 11/2 USB (wkg S/V Newcastle
Australia, in the current BOC (British Oxygen Corp) singlehanded,
around-the-world sailboat race, r/t call. (Cope, Tx)

8764 NMG: USCG COMMSTA New Orleans La US 1901 11/26 USB (8240/8764, wkg
distressed vsl Gi Gi Trader adrift near Cuban waters, Miami agent
phone number given) (Potts, FL)

12317 VRUM6: M/V Magritte 1751 11/26 USB (wkg Berne Radio) (Navary, Va)

12353 WBN6511: Gauntlet 1851 11/11 USB (tug wkg WPE Tug Communications Inc
Jacksonville FL) (Cope, Tx)

12365 VIM: Melbourne Radio Australia 2145 11/26 USB (BC, wx, nav warnings,
tfc ltr, clg vsl Windborne) (Navary, Va)

13083 WOO: Ocean Gate Radio NJ US 1548 11/25 USB (wx) (Potts, FL)

13089 NMO: USCG COMMSTA Honolulu HI US 0030 11/27 USB (12242/13089, wkg
u/id vsl re r/t call, NMO could not contact coastal stn) (Potts, FL)

13152 FFL61: St Lys Radio France 1901 11/2 USB (mx, FF natl anthem) (Lukas,
NY)

13164 WOM: Pennsuko Radio FL US 1942 11/2 USB (talk, fax tx, ID) (Lukas,
NY)

16381 PPWK: Quinca 1424 11/12 USB (Brazilian-flagged bulk carrier clg unid
stn) (Cope, Tx)

16531 Y5EA: M/S Maxhutte 1402 11/25 USB (acting net control for numerous
ships, DSR line rpt poss-DQGK/Hiddensee, DQGM/Usedom, DQFW/DSR-
Pacific, Y5EP/Brandenburg) (Navary, Va)

17362 WLO: Mobile Radio AI US 1808 11/15 USB (wx, rpt abt tropical storm
Gordon) (Lukas, NY)

22777 KMI: San Francisco Radio Ca US 1741 11/15 USB (wkg SS Monyata)
(Lukas, NY)

PHONE

3905 NO ID: 1436 11/16 USB 555 ("ZJL4" IDs under Radio New Ireland, any

ideas ??) (Flynn, Or)
5000 WWVH: 0330 11/1 355 (w/w time) (Newbury, Ne)
5400 NHKW: USCGC Confidence (WMEC-619) 0301 11/29 USB (wkg GANTSEC re loc of vsl, may be related to man overboard SAR cutter had been on) (Baker, Oh); NMR1: GANTSEC-USCG Greater Antilles Section, San Juan PR 2327 11/1 USB (wkg G5V for urgent SAR alert for 121.5 EPIRB activation, gives lat/lon, req they launch a HH-60 to check, G5V ltr req GANTSEC gain ok for their HH-60 to enter St Thomas air space re same) (Baker, Oh)
5575 NO ID: 0047 11/22 USB 333-433 (2 guys talking abt beaches, hotels, Florida wx, etc, only 1 side heard, sounded like commercial fishermen) (Wolfson, Oh)
6780 S3: NO ID 0608 11/7 USB (wkg B4, BLACKHAWK 2 (SH-60 Lamps helo?) w/simulated wargame comms & missile firings, reference to defending Isla de la Plata & the Umpire Net, poss U.S./S.American Navy exercises, great stuff!) (Baker, Oh)
6780.5 BASE: 1700 11/5 USB (wkg VAN, est audio digital link, some words still understandable) (Braun, Va)
6815 CENTRAL PARK 1: 2125 11/5 USB (wkg CLUB ROOM 1, CP1 received info abt last tx, told to maintain radio silence) (Braun, Va)
6997.5 NANA 1: 1425 11/8 USB (EAM msg, repeted many times) (Braun, Va)
7586.5 GENESIS: 1550 11/6 USB (wkg ROADWAY/LOGJAM w/authentications, all clg TAPPAN on various freqs, southern accents) (Braun, Va)
7800 MIKE ZULU: 1824 11/7 USB (clg TANGO NOVEMBER/MIKE CHARLIE for rdo chks, no joy) (Braun, Va)
8026 SAM 200: 1605 11/6 USB (wkg Andrews, QSY to 957) (Braun, Va)
8041 NO ID: 1647 11/5 USB (man w/5 ltr/nbr grps) (Braun, Va); TOBY 1: 1817 11/7 AM (man clg ROME 1 repeating TANGO OSCAR BRAVO YANKEE 1 over, etc) (Braun, Va)
8054.5 9 CHARLIE: 1540 11/4 USB (wkg 7 HOTEL) (Braun, Va)
8060 NANA 1: 1820 11/7 AM (man w/EAM to ROME 1) (Braun, Va)
10090 NO ID: 1335 11/6 USB (2 men in GG discussing George Forman) (Braun, Va)
10098 NO ID: 1225 11/6 USB (2 men talking abt financial info and markets) (Braun, Va)

RTTY/FAX

3229.5 AFS: USAF Elk Horn Ne US 0840 11/23 75/850 (meteo) (Scalsky, Md)
4018.7 UNID: 0818 11/19 ARQ-E 192/170 (idle) (Scalsky, Md)
4178 UAAA: M/V Kaptitan Betker 0022 11/4 SITOR-B (tlx to Sound Advice Ship Agency, Portsmouth w/request to send loading info to Sovchart Geneva) (Potts, Fl)
4643.7 UNID: 0319 11/27 ARQ-E 192/170 (idle) (Scalsky, Md)
4764 CCS: CN Santiago Chile 0417 11/28 100/850 (5LGs) (Scalsky, Md)
5083 DHJ51: Grengal Meteo Germany 0708 11/11 100/425 (meteo) (Scalsky, Md)
5777.5 LRO26: AP Buenos Aires Argentina 0028 11/20 FAX 60/288 (press pix) (Scalsky, Md)
5879.7 RFFA: MOD Paris France 0019 11/20 ARQ-E3 192/380 (idle) (Scalsky, Md)
6267 OZAC2: M/V Vinland Saga 0115 11/7 SITOR-A (tlx tfc) (Navary, Va)
6274.5 VORX: M/T Thalassa Desgagnes 0314 11/6 SITOR-A (AMVER msg) (Navary, Va)
6901.7 RFTJ: FF Dakar Senegal 0327 11/7 ARQ-E3 192/390 (idle, CdeV (TJI) to RFLI from RFLF) (Scalsky, Md)
6902 NO ID: 2300 11/29 75/850 454 (EE wx, coded tfc) (Card, RI)
6963.7 RFLIGA: NO ID 2338 11/17 ARQ-E 192/170 (CdeV (GAG)) (Scalsky, Md)
7395 RPFN: Portuguese Naval R Lisbon Portugal 0315 11/16 75/500 (RYs/SGs/foxes off 0300) (Scalsky, Md)
7414.2 RFFX: FF Versailles France 0237 11/7 ARQ-E 72/425 (idle) (Scalsky,

Md)
7606.7 RFFA: MOD Paris France 2156 11/17 ARQ-E3 192/400 (CdeV) (Scalsky, Md)
7806 YZD7: TANJUG Belgrade Serbia 2214 11/17 50/425 (EE nx) (Scalsky, Md)
7870 AFS: USAF AWS Homestead AFB FI USA 2234 11/9 FAX (Atlantic Ocean chart) (Scalsky, Md)
7990 NNN0YMN: USN 0134 11/8 PACTOR (MARSgrams) (Potts, FI)
7996 YZD9: TANJUG Belgrade Serbia 2220 11/17 50/425 (EE nx) (Scalsky, Md)
8050.2 RFQP: FF Jibouti Djibouti 2321 11/28 ARQ-M2 200/400 (idle, CdeV, idle) (Scalsky, Md)
8123.2 TNL: ASECNA Brazzaville Congo 0137 11/9 ARQ-M2 96/380 (idle, meteo, wx synopsis/meteo) (Scalsky, Md)
8159.2 UNID: 0146 11/9 ARQ-E3 200/380 (idle) (Scalsky, Md)
8379 WHAU: S.S. Maj. Stephen W. Pless (T-AK-3006) 2313 11/3 SITOR-A (a MSC Pre-Positioning container ship, w/tlx re personnel) (Baker, Oh)
8382.5 OHAS4: Gastello 2120 11/23 SITOR-A (tfc via KPH for Seattle) (Blair, Ca)
8383.5 SYOC: Angelic Spirit 0033 11/27 SITOR-A (via WLO, ETA Kobe Japan) (Blair, Ca)
8388.5 PCZM: M/V Bastiaan Broere 2323 11/16 SITOR-A (pos rpt) (Navary, Va)
8401.5 USLI: Ivan Franko 2257 11/19 170/50 (tfc for Odessa, ID as "Franko") (Blair, Ca)
8403 UUYA: TH Vinnitsa 2136 11/8 50/170 (crew telegrams) (Potts, FI)
8422 VCT: Grand Banks Radio NS Canada 0006 11/7 SITOR-B (tfc lst, NEW STN) (Baker, Oh)
9395 HMF84: KCNA Pyongyang N Korea 1838 11/14 200/50 (FF nx) (Blair, Ca)
10281.2 RFLIG: French Guiana 2200 11/17 ARQ-E 96 454 (FF tfc, idling) (Card, RI)
10348 UNID: 1609 11/24 ARQ-E 288/170 (encrypted tfc) (Scalsky, Md)
10364.2 RFTJF: 2130 11/27 ARQ-E 48/800 (CdeV (jdf), EE msgs re Bosnia) (Scalsky, Md)
10460 UNID: 2143 11/21 SITOR-A (clg HCHP HCHP followed by FF msgs, 11/28-mgs in SS/ended with calling HCMO) (Scalsky, Md)
11125 UNID: 1910 11/25 75/478 (RR txt/news) (Scalsky, Md)
11405 UNID: 2150 11/10 SITOR-A (clg HCVC HCVC, caught text "...en pl aeropuerto de, combtao nador de...") (Scalsky, Md)
11430 HMF 55: KCNA Pyongyang N Korea 2252 11/17 50/250 (FF nx)(Scalsky, Md)
11476 HMF 52: KCNA Pyongyang N Korea 2135 11/2 50/240 (EE nx) (Scalsky, Md)
12090.2 RFTJ: FF Dakar Senegal 2137 11/10 ARQ-E3 192/380 (idle) (Scalsky, Md)
12175 HMF 42: KCNA Pyongyang N Korea 2227 11/9 50/240 (EE nx) (Scalsky, Md)
12480.5 3ECT4: Aghia Markella 1716 11/24 SITOR-A (tfc for M/V Tempo via HPP) (Blair, Ca)
12487.5 DUCT: Eurasian Charm 2320 11/15 SITOR-A (tfc to Sunship San Francisco via KPH) (Blair, Ca)
12493.5 YLDH: Belgorodo 1704 11/19 SITOR-A (CS, SELCAL 60683) (Blair, Ca)
12992 WLO: Mobile Radio AI US 1459 11/6 SITOR-B (wx rpt) (Scalsky, Md)
13366.5 5YD: Nairobi Kenya 2015 11/14 50/170 (meteo) (Scalsky, Md)
13839.7 RFFA: MOD Paris France 1554 11/25 ARQ-M2 200/425 (idle) (Scalsky, Md)
14458.5 DFO 46L2: PIAB Bonn Germany 1517 11/24 FEC-A 96/425 (GG nx) (Scalsky, Md)
14497.5 CSY 66: Santa Maria Air Azores 1612 11/25 50/850 (meteo) (Scalsky, Md)
14732 UNID: 1622 11/25 ARQ-E 96/425 (idle) (Scalsky, Md)
14850 UNID: 1630 11/25 50/500 (RDRD loop) (Scalsky, Md)
15647.7 RFTJF: FF Port Bouet Ivory Coast 2043 11/20 ARQ-E3 48/380 (idle) (Scalsky, Md)
15961.7 RFLI: Fort de France Martinique 2032 11/20 ARQ-E3 192/425 (idle) (Scalsky, Md)

some of these SAR comms are in Mike's column.

MILITARY

U.S. Navy

~ Litton Corp.'s Ingalls Shipbuilding, Pascagoula, MS, has received a \$29 million contract from the U.S. Navy to convert the Iwo Jima-class Amphibious Assault Ship USS Inchon (LPH-12) to a Mine Countermeasures Support Ship (MCS). The ship will arrive at Ingalls in early 1995 and will take a year to complete.

~ Secretary of the Navy John Dalton has announced the names of three new Arleigh Burke-class guided missile destroyers, and two new oceanographic and surveying ships, currently authorized for construction by Congress. The ships named are: O'Kane (DDG-77), in honor of Rear Admiral Richard H. O'Kane (1911-1994); Porter (DDG-78), in honor of Commodore David Porter (1780-1843) and his son, Vice Admiral David Dixon Porter (1813-1891); Oscar Austin (DDG-79), in honor of Private First Class Oscar P. Austin, USMC, who was posthumously awarded the Medal of Honor for conspicuous gallantry in Vietnam on Feb. 23, 1969; Henson (T-AGS-63), in honor of Matthew Henson (1866-1955), an African-American explorer who was a key member of ADM Robert Peary's 1909 expedition to the North Pole; Atlantis (T-AGOR-25), in honor of the service of two previous Woods Hole Oceanographic Institution research vessels, Atlantis I & II.

~ Naval Station Ingleside (Tx) received its first Osprey-class coastal minehunter, USS Heron (MHC-52), on Dec. 12. The ship's arrival increased the number of ships homeported at Ingleside to 15. USS Heron is the second ship in the U.S. Navy's MHC-51 Coastal Minehunter Program and the third Navy ship to bear that name.

~ The U.S. Navy Los Angeles-class Nuclear Attack Submarine USS Omaha (SSN-692) was inactivated on December 16.

~ All of the U.S. Navy's MSC chartered "Sealift" series tankers are having their leases cancelled. These tankers are the USNS Sealift-: Antarctic, Arabian Sea, Arctic, Atlantic, Caribbean, China Sea, Indian Ocean, Mediterranean, and Pacific (T-AOT-168 thru 176). These tankers had been used to transport jet fuel.

U.S. Coast Guard

~ Here's something that if implemented fully may have a major effect on some of the aircraft HF comms monitoring that we do. According to the December 1994 issue of Rotor & Wing, the U.S. Coast Guard, through its Advanced Communications Project, is testing a satellite-based flight following and communications system developed by Newcomb Communications Inc., of Manchester, NH. The system is installed on board a HH-60 Jayhawk operating out of Elizabeth City, NC.

The Newcomb system includes an on-board satellite transmitter that uses GPS to determine aircraft position and then transmits that information to a ground station. Helicopter crews will also be able to transmit and receive data through an additional two-way communications capability. The ground station relays transmitted flight-following and communications data to the Coast Guard, through the Internet system. The transmitted information is coded and sent in databursts to ensure security.

The Coast Guard Research and Development Center is investigating the system's uses for search & rescue, covert law enforcement, vehicle tracking, flight following, and real-time command and control.

Information via the Navy News Service (NNS), Air Force News, Steve "Mr. Warship" Schultz, Tim "Mr. Air Force" Tyler and other sources.

MARITIME

~ John Cope reports that "Herb" is back on HF after an absence. You may remember Herb who used to give weather forecasts to mariners from the S/V Southbound II, reportedly from a location in the Bahamas. Rumor has it Herb

had some of problem with the authorities so he left and went North. John heard him at 2056 UTC on 12359, giving weather again to one of the Candies tugs. He identified himself as "VDX498 Southbound II Coastal." Herb was the first utility station ever logged by a lot of ute folks!

~ Phil Potts sent a copy of a Holiday traffic list received from St Lys Radio, France, in Sitor-B on 12582.5 Khz at 1820 UTC:
ZCZC

O
XXX
OXOXOX
XXXXXXXX
OXXXOXXXOXO
H
H

BONJOUR A TOUS. NOUS VOUS SOUHAITONS A TOUS UN BON NOEL ET UNE BONNE ANNEE 1995, AINSI QU A VOS FAMILLES. OPR FFL
GOOD MORNING, WE WISH YOU A MERRY CHRISTMAS AND A PROSPEROUS NEW YEAR 1995 FOR ALL THE CREW AND ALL YOUR FAMILIES. WE HOPE YOU WILL ENJOY OUR COOPERATION FOR NEXT YEAR. BEST REGARDS 73 RADIO TELEX DEPT
NNNN [Now that's a nice Christmas spirit!]
AERO

The Great North

You may have noticed a change in listening to some of the Canadian "Great Northern" route stations. According to a posting off Fidonet by Peter Ivakitsch, Cambridge Bay FSS has closed it's doors but is still transmitting from the same site, however transmissions are satellite linked from an underground facility at North Bay, Ont. The new callsigns are Baffin Radio and Arctic Radio. Arctic Radio is responsible for services west of 88 degrees. Baffin Radio services aircraft east of 88 degrees. The same frequencies are still used, 2971, 4675, 8891, 11279. The second new callsign is Montreal, which is the old Iqaluit, the transmissions originate at Dorval Airport in Montreal and again are satellite linked to the Arctic. Churchill, Manitoba reports no changes as does Gander. Seems that Transport Canada is in full flight with their plans to revamp the Aeronautical Communications Structure within Canadian airspace. Answers some questions for me!
Aeroperu Expands

Don Moore came across some interesting info on Aeroperu posted on the internet. It seems Aeroperu will invest \$ 20 million next year as part of a program of expansion of international and national routes that includes regular flights to Los Angeles beginning mid-December, 1994. Aeroperu, Peru's flagship airline, was sold nearly two years ago as part of Peru privatization program to a consortium led by Aeromexico. To cover the Los Angeles route, Aeroperu will incorporate two brand-new 757-200s with each with a capacity for 190 passengers. The fleet already includes three Boeing 727-200s, Boeing 727-100 and a DC 10-30. In addition to Los Angeles, they are planning to begin weekly flight to New York, Madrid and Paris. Currently Aeroperu flies to nearly all countries of South America as well as Mexico, Panama and Varadero, Cuba.

DIGITAL MODES

New Mode Confusion? by Stanley J. Scalsky

In December 1994 a new mode was reported by monitors in the UK. Klingenfuss 15th Edition Utility Guide lists the mode as DUP-ARQ-2. Seems the mode is in testing by Norwegian Diplomatic services. Baud rates of 125 and 250 with shifts of 250 and 850 have been found. Working decoder modules are not yet available from Wavecom or Hoka but existing DUP-ARQ modules can sync up. The new mode seems to utilize a different character interleave.

Be aware of new mode listings appearing in the latest frequency guides,

notably Klingenfuss 13th Edition Utility Guide. RS-ARQ, the 228.63 Rohde and Schwarz simplex system is being listed as ALIS. There is a possible mislabel here and the 13th Edition of the Radioteletype Code Manual seems to support this. ALIS is a Rohde and Schwarz adaptive shortwave system in use by German diplomatic services. A very sophisticated system that can provide frequency hopping, encryption and automatic frequency selection based on passive channel analysis (MUF) with minimal operator intervention.

DUP-ARQ-2 so far has been spotted on 12192, 14802, 9182, 9172, and 7753 Khz, with 9172 and 9182 being monitored on the east coast of the U.S between 1600 UTC and 1800 UTC.

Thanks for the tip, Stan!

~ WLO Mobile Radio, Mobile, Al, here in the U.S., has discontinued use of sitor channel 826 (8429.0). The replacement channel is 836, frequency ship receive of 8434.0 and ship transmit is 8394.0 KHZ.

~ According to a fellow posting on the GENIE system, Michael Mitchell, it looks like North Korean news FAX service is now sending color separations over HF. Mike reported receiving three sets of pictures over a several night span and assumes it's Cyan, Magenta, and Yellow.

~ Piet Conradie lives in South Africa and is a member of the SADXC Club. Piet writes the QSL column for them. While exchanging maritime sitor info with Piet on the Internet via e-mail he forwarded some great info on logging and perhaps QSL'ing Tristan da Cunha. Tristan was some rare DX back when I knew where my "AM" button was on my radio -hi! We'll let Piet tell it:

The British island, Tristan da Cunha, lies in the South Atlantic, about 3000 Km west of South Africa, halfway to South America. 78 sq km in size and 12 Km in diameter, it's nothing less but a semi-dormant volcano rising 2000 meters above sea level. The island had a profitable rock lobster industry supporting its 264 islanders, when in 1961 the volcano erupted, forcing the evacuation of all its inhabitants to England. After about 2 years, nearly 200 of these people returned to resettle Tristan.

I wrote a letter to Tristan requesting information on the present radio station situation. I was informed that the island now has a FM transmitter in place of the old HF transmitter. Of course it is not impossible to log Tristan. All you need is a fair amount of luck in catching them while speaking to Cape Town Radio. It appears that the island has regular contact with Cape Town Radio on certain week days.

Thus, I was delighted to log "TRISTAN RADIO", ZOE, for the first time, on 17 Sept '94, when I heard them talking to Cape Town Radio, ZSC. The AGULHAS was speaking to Cape Town Radio, when TRISTAN broke in on the vessel's frequency. Typically Tristan Radio seems to first call ZSC on telex (sitor) 12498.5kHz, and ZSC will reply on 12601kHz with queued telexes. This mostly happen on Monday mornings. If there are telephone calls booked, voice channels will be arranged, 13101KHz for ZSC and 12355KHz for Tristan are likely. If ZSC has traffic for Tristan, it appears listed under the callsign ZOE in the daily traffic lists which ZSC puts out. Tristan is not totally dependent on ZSC in any way as the island also has the luxury of a satellite telephone system now.

Thanks to Piet and the South African DX Club for permission to share this info with you!

NEW PRODUCTS

Recently released is the 1995 Guide to Utility Stations (13th Edition) by Klingenfuss Publications. According to their release, over 15,000 frequencies in all modes (SSB/Digital) are included in this edition. Also released is their Radioteletype Code Manual (13th Edition, 1995). The release on this one says detailed descriptions of the characteristics of telegraph transmissions on shortwave are included. Also updates and includes several new digital modes. I've not seen these new editions yet, but these reference

USCGC Mackinaw (WAGB-83) NRKP: 8125.0 PFC+14 ds/+ship stamp *RB
 USCGC Monomoy NKEC: 8294.0 USB PFC 12 ds/SAR-F/V VA Sands *JN
 USCGC Point Batan (WPB-82340)NAKH: 2670.0 USB PFC 23 ds/ *RB
 USS Nitro NGMN: 7535.0 USB PFC 12 ds/decomm. in spring *JN
 AIRCRAFT/HELICOPTERS
 Air Aruba #721 (MD-88) : 5550.0 USB PFC 10 ds/Aruba-Newark *JN
 Air India #101 (B747) :13291.0 USB PFC 44 ds/VT-FSO *JN
 Alitalia #573 (MD-11) : 8861.0 USB PFC 43 ds/Ezeiza-Fiumicino *JN
 Angola #701 (IL-62) : 8903.0 USB PFC 49 ds/GVAC-FNLU *JN
 Ansett #872 (F-28) : 5643.0 USB PFC 21 ds/Norfolk Is.-Sydney*JN
 Ascot 3451 (KC-1) : 8861.0 USB PFC 36 ds/UK-Falklands *JN
 Ascot 5898 (C-130) :13330.0 USB PFC 36 ds/RAF Lyneham *JN
 Balair #3661 (A310) : 8846.0 USB PFC 37 ds/Miami-Zurich *JN
 Buffalo #116 (B707) : 8903.0 USB PFC 15 ds/ *JN
 BSK (Miami Air) #1945 (B727) :11470.0 USB PFC+41 ds/+lotsa goodies *JN
 Challenge Air Cargo #096 (B757F):13330.0 USB PFC 16 ds/Guayaquil-Miami *JN
 CG-139 : 8906.0 USB PFC 12 ds/VMA-231/Cherry Pt.*JN
 Dawg 08 (C-130H) :11176.0 USB PFC 25 ds/165th ALG *JN
 Fed-Ex #15 (MD-11) : 3413.0 USB PFC 38 ds/Anchorage-Tokyo *JN
 Hawk 01 (E-2C) :11176.0 USB PFC 6 ds/VAW-120 *JN
 Iberia #6401 (B747) :13306.0 USB PFC 91 ds/Madrid-Mexico *JN
 Jersey 7 (KC-135E) :11176.0 USB PFC 20 ds/141st ARS *JN
 Korean Air #015 (MD-11) : 8843.0 USB PFC 12 ds/LAX-Seoul *JN
 LTU #440 (MD-11) : 8825.0 USB PFC 84 ds/Dssldrf-D.Republic*JN
 Motown 13 (C-130E) : 8906.0 USB PFC 15 ds/191st AG (Mich.) *JN
 Navy JA-03 (P-3) :11176.0 USB PFC 10 ds/NAS Patuxent River*JN
 Navy LR-24D (P-3) :11176.0 USB PFC 15 ds/VP-24 *JN
 Navy LY-2 (P-3C) :11176.0 USB PFC 11 ds/VP-92 *JN
 N94 (BAe 125-800) :11176.0 USB QSL 34 ds/FAA aircraft *JN
 Pat 140 (C-20E) :11176.0 USB PFC+10 ds/+letter/decal *JN
 Reach 80219 (C-5A) :15015.0 USB PFC+47 ds/+picture/goodies *JN
 Sentry 67 (E-3B) :11176.0 USB PFC 20 ds/First E-3 QSL *JN
 Speedbird #4 (Concorde) : 8906.0 USB PFC 63 ds/NYC-London *JN
 Teal 40 (WC-130H) :11220.0 USB PFC 70 ds/Hurricane hunter *JN
 Toga 85 (KC-10A) :15015.0 USB PFC 42 ds/79th ARS *JN
 United #841 (B747) : 5547.0 USB PFC 17 ds/LAX-Auckland *JN
 United #965 (B767) :13291.0 USB PFC 24 ds/Zurich-Wash.Dulles*JN
 USCG #2113 (HU-25A) : 5696.0 USB PFC 10 ds/Cape Cod *JN

Thanks to everyone again for making a great column...contributors are
 *MH-Mike Hardester-NC; *RB-Rick Baker-OH; *JN-Jim Navary-VA; *GF-Gary
 Froemming-AZ. Jim has a great story that makes me want to go out and QSL
 a Coast Guard unit: 'I received a nice telephone call tonight (Christmas
 night) from a pilot at the USCG AirSta Elizabeth City. I had written to
 E-City to attempt to QSL Rescue 1503, one of the aircraft involved in the SAR
 for the Salvador Allende. This fellow (I didn't catch his name - it flew
 right by me as I was sorta taken aback by the call) had duty tonight and
 he said he was going through his in-basket and was intrigued by my
 letter so thought he'd call. He was the pilot of Rescue 1504, the second
 a/c on scene. A real nice guy BTW. He also listens to the CG freqs at
 home and wants to get his ham ticket. We chatted about 10-15 minutes...He
 confirmed that the final toll was just 2 survivors. He'd spoken to one of
 them by VHF and learned that apparently 11 of the crew had been in a
 lifeboat but that in the 30 ft seas and 70 mph winds the ship apparently
 caught the corner of the lifeboat and flipped it over, dumping everyone into
 the water. Said he'd seen several persons in the water but, as he was
 flying an HC-130, all they could do was drop rafts and supplies and hope
 for the best. He said it was a real sobering experience as this was his

first major SAR and there was a lot of confusion during the first few hours trying to coordinate all the various assets (Canadian, US military, merchant vessels, etc.)

Thanks for a great story Jim and I'm very envious..let me know if you actually get anything back from Rescue 1503. Jim has been making a killing with the phone calls lately. Not only the Coast Guard but both Andrews AFB and M/V SPICA have called him recently to discuss his QSL attempts. That's what you get for QSLing everything you can get your hands on!

Since I have some room to breathe this month, thought I would take some time to answer a question that one of our readers had. He asked what were some of the best sources for ute addresses. Per our expert commentators: 'Guide to Utility Stations' by Joerg Klingenfuss...has a section of utility addresses with fairly good coverage of fixed coastal, air, meteo, PTT, etc. as well as some airline company addresses. It has a fairly hefty price tag.

'Utility Address Handbook - 2nd Edition' by Reinhard Klein-Arendt. This is an 'oldie' but a goodie. 236 pages of tiny print utility station addresses. Has good coverage of most fixed utility stations. Has good coverage of most fixed utility stations. Has extensive coverage of Diplomatic stations. Has more military addresses than in the Klingenfuss book. Also has a section on 'ships'. However, ships and aircraft change their addresses more quickly than fixed stations so that info is a little dated. But can still find some good general addresses that seem to work.

Another more specialized source for merchant ships is 'Lloyd's Maritime Directory'. The cost is prohibitive (close to \$400 a whack) so you may try to find a used one somewhere.

For commercial aircraft there is the 'jp airline fleets international'. Jim Navary wrote a review of this book in the January issue of Shortwave Today.

My personal favorite source of information for tracking down addresses is the Internet. It takes some digging and exploring through various file servers around the world but it's amazing what type of information that you can dig up.

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Note: This is the March 'Electronic Edition' and is from the Jan. 1995 SPEEDX member bulletin "Shortwave Radio Today", ISSN 0882-8091.

It is with great sadness I report that Speedx ceased publication with the January 1995 issue of Shortwave Radio Today. For those interested in utility stations (SSB or Digital) contact me at ae...@yfn.yzu.edu for info on the Worldwide UTE Club.

It's an electronic, all utility club with over 200 members from 14 countries so far, and no dues. -Rick Baker

DE RD

NNNN

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Rick "RD" Baker (ae...@yfn.yzu.edu)

Recorded live and direct from downtown Austintown, Ohio, the USA

"Happiness is a Band Opening" -Wily E. Coyote, famous inventor

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\\ \\ \\ The WORLDWIDE UTE NEWS Club // // //
\\ \\ An Electronic Club Dealing Exclusively in Utility Stations //
\\ \\ \\ // // //
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Hello everyone!

With Speedx ceasing publication this month, several of the members efforts went into a replacement so there would be a continuing source of utility information, QSL's and logs.

After discussions with many of you via e-mail (many were non-Speedx members, or members of other SWL clubs worldwide) The WORLDWIDE UTILITY NEWS Club...or WUN (Like we're #1), was born.

WUN will be unique in that it will be the first dedicated 'utility station' club and the first electronic club with an electronic newsletter. "Members" join by simply sending their e-mail address to me, as I have agreed to continue to edit the newsletter as I did in the past with the Speedx electronic edition. There are no club dues. However, those without computer/internet access must pay the cost of printing and mailing. Tim Braun (dph...@prodigy.com) has volunteered to publish the paper edition. More information as to cost and a mailing address will be announced.

What else is required of you? Nothing really. I would sure hope WUN is supported by members sending their utility logs (SSB or digital), utility station QSL's and info, news and information along. A February edition is planned, so we need some data as soon as possible! I'm not real concerned as to format, but logs should include the frequency, callsign/station ID, UTC time, mode, and any remarks as to what was logged. We can also use an "alias" for those not wishing their real names used.

From input we have received, the columns will be:

- a. International Civil Aero
- b. Maritime
- c. Military
- d. Other SSB News and Unidentified's (non-aero, non-maritime, non-military)
- e. Digital News & Info
- f. Logs
- g. New products, and reviews
- h. QSL's -received and info

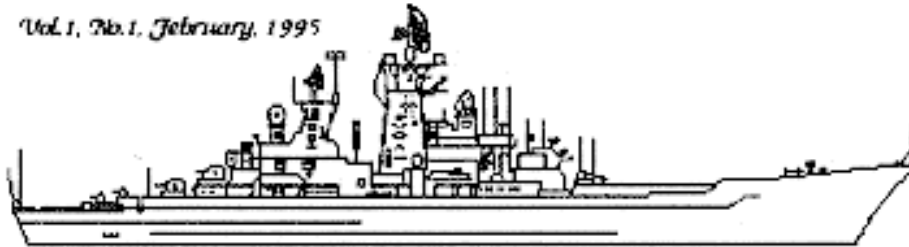
This may change more or less depending on member input.

Any questions, information, or to join, please contact me at ae...@yfn.yosu.edu

Rick "RD" Baker

The **WORLDWIDE UTE NEWS**

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The Official Publication of the Worldwide Ute News Club

This newsletter is from the first dedicated electronic utility club in the world, the Worldwide UTE News club. Portions of this newsletter may be reprinted without prior approval so long as the WUN is credited as the source. Further, this newsletter may be freely distributed and posted as long as the file(s) remain(s) intact. To become a WUN member, send e-mail to the WUN listserver at majordomo@phoque.info.uqam.ca and in the BODY of the message type 'subscribe wun'. To subscribe to just the newsletter send e-mail to the same address with 'subscribe wunnews' in the BODY. The WUN home page is also available through the World Wide Web at: <http://sun-gabriel.aero.org:8800/>. That's all it takes, there are no dues. Contributions from any member are welcomed and should be sent to the addresses listed in the individual columns by the 10th of each month. This paper version is published by Tim Braun and is available via subscription at a rate of \$1.50/issue, payable to Tim at the address on the back cover. Enjoy the world of UTEs!

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The front page of the paper edition of the first WUN newsletter, issued in January 1995