

# SPEEDX

NOVEMBER 1988

Volume 18, Number 10

## THE VOICE OF TURKEY



NOV.1938-1988

1. COVER, Betsy Robinson
2. SPEEDX SPOTLIGHTS, John Trautschold
4. DX MONTAGE, Ed Janusz
10. PROGRAM PANDRAMA, Woody Seymour Jr.
11. NORTH AMERICA/CARIBBEAN, Thomas F. Sable
13. EUROPE, Daniel Sampson
17. USSR, Jason Berri
19. AFRICA, Al Quaglieri
24. ASIA/OCEANIA, William Westenhaver
29. TECHNICALLY SPEAKING, Kent Willis
31. QSL REPORT, Ray Forsgren

**THE DX MAGAZINE FOR ACTIVE SWLs**



"I would like to have some contact with other DXer's in my area. Please contact me by mail or phone...(302) 996-9032...the number is unlisted. I cannot make outside calls or take collect calls." John's address, if you care to write and are from his area is:

John F. Wilson  
c/o Episcopal Church Home  
RD #3, Box 233, Hammond Wing 105  
Hockessin, DE 19707-9581.

John is a handicapped DXer who resides in a nursing home near Wilmington, DE (30 miles south of Philadelphia). Thanks for helping him out...hope you and he enjoy some SWLing!

ANARC NEWS... Well folks, now the FCC is proposing that all receiver manufacturers stick a warning label on all receivers capable of receiving protected communications under the ECPA of 1986. I don't have room to publish the entire release from ANARC regarding this, however you may obtain a copy of it on the new ANARC Computer BBS we've talked about before. The BBS number is (309) 688-0604. We urge you to get involved in this excellent BBS. It supports all common baud rates. Call today! Voice your opinion!

And speaking of the ANARC BBS, boy, is it off and running! There has been an absolute ton of activity on the board, so if you haven't dialed in as of yet, and have a computer and a modem, do it today! One of the really neat features of the BBS is the SW Echo board. DXers from all over the country can call their local BBS and have their messages relayed back and forth to ANARC's BBS. It saves them long distance phone calls, and permits a larger group of people to participate. You may want to check with either the ANARC BBS or your local BBS to see if you can participate in this manner. There are discussions on new and old receivers, hot DX catches, new stations, new schedules, and much much more. And of course, don't forget the SPEEDX conference, where you can chat on-line with SPEEDX editors such as Jason Berri, Al Quaglieri, and of course, your's truly! See you there!

ATARI 1040ST vs. ALTAIR 8800 Well, we're still using the Atari this month for production of this column. That part I needed did not arrive as quickly as promised (so what else is new!), so here we are. The part is here though today and by next month we should be back to normal. Eddie Janusz, SPEEDX publisher and "Happy Camper" says he likes the Atari output better than the Altair. Hmm... Well actually, both are printed on almost the same printer...the Altair runs an older Epson MX-80 printer, and the Atari has attached a newer Epson FX-86e with Near Letter Quality. I have been doing the column part of Spotlight on the Atari for some time now, but quite honestly, the list part is much easier to run on the Altair since the software was custom written by me back when I first started publishing the magazine and doing Spotlights. So, since easier is still easier (at least in my book), the future columns will be back on the Altair 8800! Maybe someday I'll get around to writing custom software for the Atari 1040ST, but in the meantime, why reinvent the wheel? Plus, I get to show off the output from 2 computers each month! What fun!

WANTED.....FOR SALE.....HELP!!!!!!!!!!!!.....

No collect calls on any ads please!

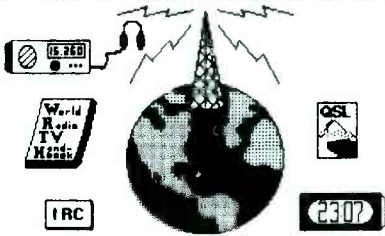
FOR SALE OR TRADE: J-47 Code key; Ameco practice key; U.S. Army Signal Corp R-14 headphones w/cloth cord and brass plug; Heathkit QF-1 G-Multiplier; Astatic JT-30 mike w/stand, cord and connector. Let me know what you have to trade. Also looking for Electronics Catalogs and Popular Electronics from the 60's. Ed Cichorek, 82 Rodney Avenue, Somerset, NJ 08873. Call (201) 545-2999 after 2200 UTC or leave a message on machine.

# DX Montage

Ed Janusz

Box 149

Bricktown, NJ 08723



NOVEMBER, 1988

Hi. Welcome to my first anniversary DX Montage. In all modesty, I can claim that it's the best one yet; read on, and you'll see why...it's less "me" and more "us." Let's hope that some of the rest of you are inspired to share your thoughts, opinions, views, biographies, and so on; when I inherited the column from Tom Kephart, Montages like this one were what I hoped to offer every month. Let's start with a really special feature....

**OUR FAR-FLUNG CORRESPONDENTS:** Or, Greg Fischer Wins a DX Vacation  
The winners of the Voice of Turkey's "Contest '88" essay competition were awarded a ten-day, all-expenses-paid trip to Turkey, which took place in late September; the winning essays were translated and broadcast in 16 languages. Out of over 200 entries, the five lucky winners were: Sheldon Harvey, a veteran DXer from outside Montreal, CIDX President, and the originator (along with our own Bill Westenhaver) of a show about shortwave listening broadcast on FM from McGill University; Athanassios Orugas, of Athens, a dedicated long-time listener with half a dozen receivers in his shack; Gao Xanxim, of Xichang, Sichuan, China, an economist and true intellectual who has sharpened his English on VOA's special-English programs over the years (a la Willis Conover)--his command of English is impressive; just talk s...lo...w...l...y;  
A Muscovite physician who didn't arrive as expected at Ataturk Airport (VOT staffers called the Soviet Embassy and were eventually informed that the winner "couldn't make it"--period);  
And yours truly, SPEEDX member Greg Fischer, of LaCrosse, Wisconsin, a relative newcomer to SWLING.

Ah, the trip! It was a whirlwind, masterfully guided tour (including 4 internal plane flights) of some of Turkey's highlights. We met with the general director of the TRT (Turkish Radio and Television), dined with VoT staff and with a former BBC director, were interviewed by radio and TV services, and, in summary, were treated like visiting dignitaries. Istanbul, with its beautiful mosques, palaces, the Bosphorus ("Europe Kisses Asia"), and the bellydancers (!), was indescribable (sigh!). Izmir, on the Aegean, included swimming in turquoise water among Greek ruins. Ankara is a modern capital--very Westernized, yet exotic (the shopping is fantastic everywhere--especially leather goods, carpets and kilims, enameled ware, and copperware). In central Anatolia, sightseeing included moonlike landscapes, underground Byzantine cities, and a visit to a small rural village which is home to many folk artists, poets, and musicians. In Antalya on the Mediterranean, we were treated to 2 days at a TRT resort with concentrated swimming and (as always) eating. Turkey is a gastronomical delight for the adventurous (we dined on dishes with names like Vizier's Fingers and Lady's Navels, for example); the seafood is especially remarkable in its variety and preparation. Our hosts were gracious and beautiful people who overcame all language and cultural barriers--"no problem!"

So...tune in to 9445 kHz at 2300 and 0400 UTC (the times changed on 25 September), and get a feeling for Turkey via the airwaves. Then gear up for "Contest '89" and experience Turkey in person.

You talked me into it, Greg, and thanks for writing. The VoT is my favorite "music station" on shortwave; it must sound great live--with or without the "visuals!"

Our cover portrays a Turkish vase owned by neighbors of Betsy Robinson. Thanks, Betsy!

Finally, to close out a pleasantly thematic section, Rich D'Angelo forwards a nugget from VoT's latest programme schedule:

### HISTORY OF THE VOICE OF TURKEY

On 10 November, 1938, Turkey first started its shortwave transmissions, using a 20 kW transmitter. Turkish Radio and Television now has three 250 kW and two 500 kW transmitters, and is proud to celebrate its 50th anniversary with as much spirit and enthusiasm as at its inception. Our foreign-language broadcasts started off in English, French, and German, and were expanded in 1940 to include Romanian, Arabic, Farsi, Bulgarian, Greek, and Urdu. The same year, a Turkish-language programme entitled "The Voice of Home," broadcast twice daily and 30 minutes long, was added for Turks living abroad.

The neutral and objective coverage of WWII by Ankara Radio, as compared to other stations, increased both its popularity and its credibility, with the result that a soaring number of listeners started tuning in. Ankara Radio achieved 100 kW in 1950...following which, the mostly news-oriented programmes were diversified and evolved into their present form. The station became "The Voice of Turkey" in 1963, acquired its first 250 kW transmitter in 1970, and remains dedicated to its goal of helping to project an objective and accurate image of Turkey's social, cultural, historical, economic, and political perspectives, the world over.

### RADIO AUSTRALIA: An Appreciation by Ed Cichorek

I first tuned in Radio Australia back in 1963, on my Space Scanner. I still remember the thrill, and will always have a soft spot for them; RA was my first real DX.

Radio Australia is, in my opinion, the best source for regional and local coverage in the Pacific. What may be a local-interest item today might blossom into a worldwide headline story tomorrow.

"Smith's Weekly" is a fast-paced and down-home look at people and things in Australia. I love Keith Smith's selection of headlines from local papers and his "man on the street" interviews. His survey of new vs. used car purchases recently was just the type of thing that's easy to relate to; and who can dislike his "Romp with Australian Children?" Maybe all countries should have this type of thing, totally unrehearsed, and require the politicians to listen to it--out of the mouths of babes.... Another favorite is "Window on Australia." Much more detailed than "Weekly," this show takes me past where the travel brochures end. Rob Hoskin virtually takes you with him out there in the outback or whatever, through the first-hand interviews. I've always enjoyed the mental conceptions I conjure up from a good story. If I ever fulfill my fantasy to visit this land, Radio Australia will have had a lot to do with it.

Recently, "Communicator" ran excerpts from a public television forum that addressed RA's relevance. Former defense minister William Pritchard questioned RA's continuing tax burden on the public; he also accused it of evasion of censorship, and political intrusion, during the Fiji coup. An Indonesian student said that she felt that RA plays a vital role as a news source for the Pacific region. And, of course, RA itself had its voice in Jeff Harriott, their controller of news and current affairs, who seems to strongly believe in the "cultural credibility" of the station. There certainly seems to be something brewing, and it makes for exciting listening. I can't imagine the Pacific without Radio Australia, and I've sent my letter of support to Keith Smith.

I couldn't agree with you more, Ed. I followed the Fiji incidents on RA, and was amazed all over again at how immediate and vital radio journalism can be. Incidentally, I thought that "evasion of censorship" was part of a free medium's job....

### BOOK REVIEW: Perspectives on PASSPORT

Rich D'Angelo: I use it all the time, more than the WRTH. It's invaluable for scanning the bands. Although the high frequency information has a tendency to become dated, the tropical band information remains relatively current.

Don Thornton: Equipment reviews have been scaled back, which is OK since they were covered at sufficient length last year. The best article this year was on Peruvian tropical-band stations by Don Moore. After reading it, I was halfway tempted to send \$1 to one of them to play a comunicado directed to me, as an extra incentive to get my lazy bones out of bed to do some pre-dawn Latin DXing, hihi.

Ed Cichorek: The article by Ian McFarland reminded me that this isn't necessarily a spectator sport: Meaningful criticism of broadcasters' fare, or the lack of it, are really my only two options. I'll probably do more letter-writing to stations in 1989. I had a good read with it; I'd like to see periodic supplements, with frequency updates and more articles.



Radio Canada's Derek Quinn, while generally liking the book, objected to the term "World Band." Ian, however, raised the interesting point that, after all these years, most North Americans still can't tell the difference between "shortwave radio" and "Ham radio," so maybe it's time to start over with a fresh image. (SWLD, 1 October)

A list of contents: The Moore and McFarland articles mentioned previously; an interview with James Michener (the one place in the book where the term "shortwave radio" rears its ugly head--guess nobody dared edit this famous SWL); articles about Utilities (Larry Van Horn) and sunspots (Gerry Dexter); Dave Rosenthal's account of how shortwave radio helped get him out of Iran in the days preceding the fall of the monarchy; several briefer articles; and Alex Batman's descriptions (replete with more wretched puns than I thought any one human could create) of most of the international broadcasters and their programmes. The famed frequency grids occupy 250 of the book's 400 pages.

I'm an ILG user, and I'm so used to that format that Passport's frequency grid seems almost too spacious by comparison. A lot of DXers, though, find that the ILG looks like someone kicked over a Scrabble board, and will probably appreciate the layout of Passport. I don't see the need to use blue pages, though; it detracts a bit from the otherwise attractive legibility.

SPEEDX SELF-PORTRAIT, by Guy Atkins

I'm 32 years old, and married eight years. I'm involved in Quality Control and prototype assembly for a company that makes safety testing equipment for the nuclear industry; previously, I spent nine years in graphic arts and advertising. And--I just gotta say this--I live in town with a really weird name: Issaquah, Washington!

My excitement in shortwave began at age 12, when I was sure was hearing the roar of multi-engine prop planes on the SW bands of my family's "camping radio," a battered Sears Silvertone portable. (Little did I know that I was simply tuning FDM transmissions in AM mode). My pleadings for a "real radio" convinced my father to buy me a black behemoth for Christmas: A Hallicrafters SX-71, complete with matching speaker nearly as big as a guest bedroom. I won over our cranky, eccentric landlord, Mr. Ledakis, by letting him listen to the Voice of Greece. My father wasn't so pleased when the landlord insisted we accept three bottles of non-memorable homemade wine as an expression of his gratitude. Mr. Ledakis wasn't so bad, though--he even helped me put up a dipole antenna, on the condition that I'd never listen to Commie stations.

After 13 years without a shortwave radio (temporary insanity, I guess), I returned in 1981. Wow, radios with digital readouts! And priced less than a BMW! No more guessing at frequencies, and no more interpolation charts that looked like Wall Street trends...

I made many a modification to an ICOM R-70, and most of them actually passed the "smoke test." Thinking of new mods and antenna experiments kept me awake many a night (my apologies to my ever-patient wife, Rochelle). Currently, I'm using an NRD-525, but I'm a bit leery of digging into its expensive innards.

It was these changes in technology that really got me back into the hobby, but what made SWling fun was meeting other hobbyists in person and through clubs like SPEEDX. In 1985, I began to host meetings for area DXers, and it's been very rewarding; it's exciting to introduce others to the hobby, and to see them grow in enthusiasm and expertise. I guess everybody has a soapbox: Mine's labeled, "Hear what you're missing...on shortwave radio." I try to do my part to let the huddled masses know that they don't have to huddle around the television.

Thanks for writing, Guy. Friends, details of the DX/Northwest club, for whom Guy edits the newsletter, are in last month's Asia/Oceania column.

LINGUINI AND CLAM SAUCE (Tummy LaSorda's favorite!)

David Burgin got the same letter I did: The one that was on last month's cover...it was rather sad to listen to the World Series and hear Bill White say hi to AFRTS listeners, and know that many a sailor wouldn't be able to hear the games. (Tacky timing, I must say). Follow our Utility column for updates on AFRTS feeders.

The National Radio Club's AM Radio Log, 9th edition, is now available. It's probably the most thorough source for AM stations in the USA and Canada; it comes unbound, but punched for a 3-ring 8 1/2 x 11 notebook, for \$16.95 in the USA, US\$17.95 in Canada, from: NRC Publications Center, PO Box 164, Mannsville, NY 13661.

Tom McElvy is ANARC's new Publicity Coordinator, taking over for Mike Harris. DXers may know Tom from his "Computers" column in FRENDX, from his work in the Old Dominion DX Association, and from his able handling of the Tidewater Ham/SWL/Computer bash. ANARC activists can reach him at PO Box 9645, Norfolk, VA 23505.

The response to last month's special "English Broadcasts to North America" feature has been very enthusiastic. Friends, your staff here at SPEEDX will consider ways of making this a special feature at crucial times during the changing seasons; and, since Daniel Sampson updates the list on a regular basis, I can also use it as a pop-in when our regularly scheduled columns don't show up.

The Worldwide DXers' Pen-Pal Club sends out a messagegram every month and a fuller newsletter quarterly. Its objectives are to exchange ideas and knowledge of DXing, and to unite radio stations and their listeners; it will also be organizing monthly contests. \$7.50 for a 6-month membership in the USA, US\$10 elsewhere, from Brian Allan Beach, PO Box 5409, Laurel, MD 20707. (Laurel is some 230 miles from my QTH; I learned about this club via Penang, Malaysia, from Lim Kong Jin. Pen-pals, indeed! But that's DXing for you--always amazing.)

REPORTING FOR PROGRAMME LISTENERS, by William F. Flynn, WDX6AF  
Bill Flynn contributes a proposed report form which is remarkable in its simplicity as well as in the amount of information it leaves room for.

To:

From:

Dear Radio Friends,

I listened to [your station] on [day/month/year] from [ ] to [ ]  
on [ ] kHz.

I heard: [Name of programme(s)]

And liked:

But didn't like:

I suggest:

Further comments:

My receiver and antenna:

My age and occupation:

Your broadcast schedule and response card would be appreciated very much!  
Sincerely,

*This is an interesting contrast to the form presented in last month's SPEEDX: It's a lot less "categorized," but probably, when done right, just as informative and fulfilling both for the DXer and the recipient.*

*Or perhaps you have other ideas? Please write to this column, or to: ANARC, PO Box 143, Falls Church, VA 22046.*

*It's kind of a serious issue. It's no secret that the serious international broadcasters are getting pretty fed up with feeling obligated to answer QSL requests that are of no use to them. The 1989 EDXC convention may not happen, in fact--largely because of the bad feelings between broadcasters and DXers/QSL hounds; the Austrian DX Club has bowed out of its sponsorship of the next convention, on the grounds that the tone of the convention needs to be redefined--should it be for DXers only, or should the focus be on giving listeners a chance to get together and hobnob with broadcasters? Ideally, as far as I'm concerned, a convention should be both; but it didn't work that way this year. (RNMN, 29 Sept; ANARC Newsletter, 10/88)*

RADIO CANADA INTERNATIONAL: An Appreciation by Don Thornton

Many DXers say they aren't interested in listening to major international broadcasters because (besides the fact that their powerful transmitters block the "real DX") the programming is dull. RCI is not dull.

"As It Happens" is on local week-nights (2330-0030), and is a same-evening rebroadcast of the CBC-produced interview program. It usually consists of a half-dozen or more telephone interviews with people in the news or people with special knowledge of current events. Some are very serious, a few are humorous, but nearly all are interesting. Ian McFarland produces most of RCI's weekend programs. "Innovation Canada" and "Spotlight on Science" have scientific/technical themes, but are pro-

duced with the lay listener in mind. From discussions on the ozone layer to computers to cancer research, these are lively, easy-listening programs. We've all heard "SWLer's Digest," I'm sure, featuring Ian, GH's DX News, and Larry Magne's equipment reviews. Even if some of the material is a bit basic, it's one of the better DX programs.

"Coast to Coast" is a weekly program about current events and trends in the different regions of Canada. Parts of it may be of interest mainly to Canadians; the same goes for "The House," which concerns Canada's federal legislative body--but wait; isn't "eavesdropping on the local folks" part of the fun for DXers? "Listeners' Corner" is also a pleasantly entertaining feature program. All of these except "The House" are rebroadcast on "North Country," weekday mornings (1200). Host Wojtek Gwiazda also plays music and goes over Canada's morning newspapers with reporter Craig McClain every day.

My favorite program is "Sunday Morning" (1400-1700), a current affairs program which is simulcast with the CBC's domestic (mediumwave and CBCNQ) service. Again, some of the features are of interest primarily to Canadians, such as elections and bilingualism. Others, such as homelessness, alienated youth, AIDS, designer clothes for pre-teens, and "Little League Parents' Syndrome" are more universal in their appeal, and it's interesting to hear how Canadian society copes with them. Not all features are so somber, however: This spring, I heard a bleacher-seat interview in Vancouver's old ballyard, concerning the benefits of natural grass and minor-league baseball in the sunshine while quaffing a cold brew. It's just my luck that it's on at the same time as Bob KW3F's ANARC Ham/SWL Net; but if you have two receivers and a tape recorder....

Thanks, Don. I like your "eavesdropping" comment; "Coast to Coast" is my favorite RCI programme, largely because it gets away from Toronto and Montreal and into lesser-known places (Yellowknife)--also because Aldo Marchini has one of the greatest radio voices I've ever heard. Has anybody else noticed that so many CBC/RCI hosts just sound great on the air?

#### HELP WANTED

The Job: SPEEDX Publicity Coordinator. The Requirements: Some spare time, some creative ideas, and a typewriter. The Benefits: The opportunity to aid this top-flight DX-club by increasing our visibility and level of awareness among DXers worldwide; the chance to work with a very creative and likeable group of people (our Board of Directors) and to make contact with people worldwide who share your interest in this hobby. If you're interested, contact any Director.

#### HELP IS ON THE WAY

Harold Woering, 48 Campbell Drive, Easthampton, MA 01027-2724, is on board as our new Awards Chairman. After a long hiatus, SPEEDX will be reinstating its series of special recognition for over-achieving DXers; if you have any ideas, or any awards that you'd like to see offered, why not drop Harold a line? Details will be issued in a forthcoming SPEEDX magazine.

#### BOOK REVIEW: Further thoughts on Proceedings 1988

There are some things I should have mentioned last month in my discussion of this ambitious, magisterial volume from Fine Tuning.

First: There is a bibliography of reprints available from the IRCA, a medium-wave club whose reprint service may, nonetheless, interest the shortwave DXer.

Second: Chuck Bolland describes how to soup up a ferrite rod into a very good SW antenna; this looks like a good project for the ambitious but technically and financially unendowed DXer.

Third and last: Jerry Berg contributed an article entitled "Writing Reception Reports Using a Personal Computer." Friends, I don't own a computer, and I'm getting a bit tired of this in-your-face attitude that too many computer enthusiasts evince, that of putting the technology in front of the result. I am happy to say that Mr. Berg achieves the exact opposite: Instead of, as I'd feared, proposing a way of flooding stations with the aesthetic equivalent of Publishers' Clearing House sweepstake offers, he explains how a hard-working family man with precious little time to DX, never mind write reception reports, can use personal-computer technology to write reception reports that still retain a human touch. It's about time that a DXer stepped forward with a method of enhancing communications; Jerry Berg has done it.

Further information about Proceedings 1988 is in last month's Montage.



SPEEDX SELF-PORTRAIT, by William Westenhover

How did I get started in this crazy hobby? Well, it all started back in 1966, when it turned out that one of our neighbors had a cheap portable radio with a SW band. One night, we tried it out. In retrospect, I doubt that we heard anything more exotic that night than, say, VOA in Spanish; but I was hooked, and I wanted to hear more. My Dad--who's always been involved in the technical side, and who was teaching Electrical Engineering at the time--still had the Hallicrafters SX-42 which he'd bought, new, as a Ham transceiver in 1947, so he tuned it up and said, in effect, "Go to it." I did, for the next five years. I listened, DX'd, collected QSL's and stacks of skeds, and generally had a lot of fun. What do I remember most fondly from those days? Among other things, I remember the Radio Canada Shortwave Club--I was member #6313--even back before Ian McFarland started working with them. I remember planning my Tuesday nights around "His and Hers," Jerry and Dody Cowan's music request show on Radio Nederland. (They were the George and Gracie of the SW bands.) I remember the freewheeling style of Radio Prague before the 1968 Soviet invasion, and how, afterward, they were only a shadow of their former selves. Too, I remember stations which have since disappeared, such as the Windward Islands Broadcasting Service in Grenada; WNYW; and the North American services of Radio Ghana and Radio Lebanon.

In 1971, I went from high school to university, and moved from small-town Indiana to big-city Montreal. There were lots of things to do, and shortwave listening got left by the wayside. I still had my Zenith Trans-Oceanic around, though it stayed on the AM and FM bands most of the time. Even so, I'd switch it over to the SW bands once or twice a year, just for old times' sake.

Anyway, in the spring of 1985, a friend of mine found a radio in a trash barrel of his apartment building. It was the sort of cheap portable which probably sold for about \$50 new--and was never worth even half of that. It did, though, have a 6-12 MHz shortwave band on it. My friend knew nothing about shortwave, but, to my surprise, I found myself picking out interval signals right and left, and ID'ing stations from the voices of their announcers. I figured that, if so much was coming through on that set, I should be able to hear much more on mine. Indeed I could, and I soon found myself hooked again, filling my free time with listening, writing reception reports, and rediscovering the truth of the statement, "A watched mailman never boils."

This time around, though, I got involved in DX clubs, SPEEDX first--of course--and then some others. The basic benefit of the clubs--comparing one's catches to what others are hearing, and picking up tips on what's out there to be heard--is pretty obvious to us all. Even better than this, however, is getting to correspond with, and to meet in person, other club members. So much of what we do is done in isolation--sitting there with earphones clamped on, going mano a mano with the weak signals. We really need to break that routine at times, to interact with others who share our interests, who know our joys and disappointments. The clubs are the best way in which to do this, better by far than standing on a street corner whistling "Lilibulero" and waiting to see who recognizes it. Therefore, if you're out there reading SPEEDX, and yet feeling a bit cut off from it all, try getting in touch with some of your fellow club members. The only thing you have to lose is the chance to make some new friends.

I agree 100%, Bill, and thanks for writing.

"Friendship through DX" seems to be the theme of this Montage, and that's how it should be. Getting involved with SPEEDX has been a surprisingly enriching experience for me, too, on many levels...but that's a theme for another "Self-Portrait."

MONDAY MORNING

Deadline has passed, and we're still missing two columns. If they don't arrive by this afternoon, I'll just have to take whatever is here to the shop, and hope that we can make the room for Carl and Paul to "catch up" next issue. So, until then....

73's, and joyous holidays

to you + yours.

Eddie

# PROGRAM PANORAMA

woody seymour, jr.

p.o. box 848

sanford, nc 27330

NOVEMBER 1988...This month, we have major news from BBC World Service, so let's get right to the programming information...

MEXICO...SPEEDXer Michael P. Mahoney of FL sends along a schedule for XEU in Veracruz (which can be heard on 6020 kHz). Although the programming is in Spanish, some interesting items can be heard on the station (all times are probably local time): Mon-Fri from 0900-1000, you can hear HOROSCOPES. On those same days, you can hear RADIO BAZAR 1700-1730 and BARRIO LATINO 1800-1845. Sat and Sun feature a lot of music, with a program for ALCOHOLICS ANONYMOUS on Sun 1530-1545. If you are interested in a complete schedule for this station, send me an SASE. (WS)

NORWAY...This station continues to have one thirty-minute program per week on Sun/Mon in English. During the rest of the week, the station is only broadcast in Norwegian. Listen for English Sun 1000, 1300, 1400, 1600, 1700, 1900, 2000, 2200 and Mon 0000, 0400 and 0500 UTC. To make the most of its limited time, the station has grouped most of the material into regular magazines to cover different aspects of life in Norway. TRENDS AND TRADITIONS is the outlet for news and features from the cultural scene. SCIENCE NOTEBOOK looks at science and environmental questions. LISTENERS CORNER is the mailbag program. C THE RECORD features the music of Norway. NEWS AND VIEWS gives listeners the week's news from Norway. This winter, special programs will be broadcast on the unique childrens' campaign to STOP THE DESERT (by raising money for trees) and a look at THE CHURCH OF NORWAY. Radio Norway publishes a beautiful quarterly program schedule and they keep a mailing list. (WS)

UNITED KINGDOM...BBC World Service announced on the November cover of London Calling that THE HOUR HAS COME. This is a reference to the new program NEWSHOUR, heard 7 days per week at 2200 UTC. This is a comprehensive look at the major topics of the day, plus up-to-the-minute international and British news. It is the broadcaster's first attempt at an hour-long news program. For the time being, only one edition will be broadcast per day; however, if it is successful, we may see more editions at other times.....Other programs of note are NEWSDESK, a half-hour news program now heard at 0000, 0400, 0600 and 1800 UTC, NEWSREEL (formerly RADIO NEWSREEL) at 1200 and 1500 UTC and WORLDBRIEF, a 15-minute roundup of the week's news headlines, plus everything from sport and finance to bestsellers and the weather, Sun 0445, 1345 and 2009 UTC..... There will be a lot more financial news broadcast on the station, particularly between 0450 and 0930 UTC.....WITH GOOD REASON is the name of a new discussion program. Tune in Sun 1401,2330, Mon 0630, 1001 UTC.....MEGAMIX is a compendium of music, sport, fashion, health, travel, news and views for young people which can be heard Mon 0030, 0830, 2130 UTC.....We would be interested in hearing what you think about these changes in the programming of the BBC World Service. As the recognized leader in international broadcasting for several years, the BBC is taking somewhat of a risk with these new program concepts. Time will tell what the worldwide reaction will be.

USA...Voice of America--some VOA programs from William E. Westenhaver of Que: NIGHTLINE AFRICA on 11/24 looks at a comparison of Thanksgiving traditions in the US and Africa...On November 8, you can hear US election coverage from our "Voice" in international radio...AMERICAN STORIES on 11/19 presents a Poe short story...STUDIO ONE on 11/20 presents a salute to Mickey Mouse on his 60th birthday...COMMUNICATIONS WORLD on 11/12 looks at the U.S. Telecommunications Training Institute...COUNTRY MUSIC on 11/18 looks at singer K.T. Oslin. Thanks for these listening tips for the month.....WCSM--The World Service broadcasts in English Mon-Fri 1600-2400 UTC and Tue-Fri 0000-0800 UTC with a repeating two-hour bloc of news and features. On Sat, there is a weekend edition from 1600-2400 UTC. This station offers excellent programming.(Direct via WS)

So concludes another column. Next month we will look at some special Christmas season programming. It's difficult to realize that 1988 is nearly over. Until then, take care and good listening! w s

NORTH AMERICA  
AND THE  
CARIBBEAN

SEND DIRECT LOGGINGS  
BY THE 12TH  
TO:

Thomas F. Sable  
University of Scranton  
Scranton, PA 18510-2192

ANTIGUA *Deutsche Welle relay\*\*British Broadcasting Corp. relay*

- 5975 0104 **BBC** "From Raj to Rajib" (555 9/10 Wright-MB)  
6040 0115 **DW** "Mailbag" (444 9/17 Brown-IL)  
6175 2251 **BBC** Sport Roundup (545 9/10 Cichorek-NJ)(Brown-IL)  
9605 0308 **DW** "Microphone on Europe" (555 9/10 Wright-MB)  
11775 1100 world nx, nx about Britain (555 9/16 Alexander-NJ)  
15410 2200 **DW** GG; apartheid commentary (233 9/18 Miller-CA)  
17810 1515 **DW** Chemical warfare (322 9/25 Fischer-WI)

CANADA *R. Canada International\*\*Northern Quebec Service\*\*BBC relay\*\*DW relay\*\* R. Japan relay*

- 5960 0105 **RJ** Nx, Sino-Soviet summit? (444 9/17 Brown-IL)(433 10/7 Bishop-NY)  
6070 0215 **CFRX** Fifties mx, Tony Bennett song (422 9/25 Cichorek-NJ)(Wright-MB)(Fischer-WI)(Robinson-TN)(Brown-IL)  
6120 1115 **RJ** "Report from Seoul" (555 9/16 Alexander-NJ)(Cichorek-NJ)  
6145 0218 **BBC** SS; EZL mx, "Panorama" (555 10/2 Miller-CA)  
6160 0750 **CKZU** Olympic reports (333 10/2 Miller-CA)(Brown-IL)  
9590 2250 **BBC** Sports (555 9/17 Brown-IL)+1  
9755 0200 **RCI** "As it Happens" Ben Johnson story (444 10/1 Ehly-IA)(Brown-IL)+1  
11730 2307 **RCI** Shuttle blastoff (444 9/29 Brown-IL)  
11840 0520 **RJ** Caring for the elderly, Tokyo Top Ten (444 9/21 Miller-CA)  
11855 1320 **RCI** Olympic nx (544 9/25 Richmond-MD)  
15510 2128 **RCI** IS, ID, SWL Digest (544 9/24 Richmond-MD)  
17820 2140 **RCI** Ontario trash dilemma (444 9/11 Neff-FL)

CUBA *R. Habana\*\*R. Rebelde relay\*\*Radio Moscow World Service relay*

- 9600 0422 **RM** Commentary on American bases in Phillipines (433 9/9 Ryan-NY)  
9655 0230 **RHC** Cuban jazz (545 9/26 Cichorek-NJ)(Fraser-MA)

NETHERLANDS ANTILLES *Radio Nederland\*\*Trans World Radio*

- 9535 0409 **TWR** OM on religion (444 9/9 Ryan-NY)  
9590 0242 **RN** Newslines, Media Network (444 9/29 Brown-IL)  
11815 1325 **TWR** "The Hour of Decision" //15345 (444 9/25 Richmond-MD)  
15345 1230 **TWR** ID, nx, "Way to Life"(433 9/9 Neff-FL)  
17605 1750 **RN** AA; boycott of Olympics; ID, "Medical Journal" (343 9/12 Dillon-Greece)(Miller-CA)  
21685 1945 **RN** FF; Pop mx, YL soloist (444 9/23 Miller-CA)(Richmond-MD)

PIRATES *\*\*Sniffing the Ozone\*\**

- 5889 0225 **R. Liberación** SS; OM mentions Sandinistas, ID (323 9/10 Cichorek-NJ)  
6305 0440 **V. del C.I.D.** SS; Pop mx, ID, ballads (555 9/11 Cichorek-NJ)(Fischer-WI)  
7414 0350 **Radio Clandestine** Star Trek theme, Bowie and Hendrix mx (353 9/5 D'Angelo-PA)  
9942 0405 **V. del C.I.D.** SS; mx, propaganda (434 9/20 Fischer-WI)  
9960 0025 **R. Caiman** SS; Latin mx (533 9/21 Wright-MB)(Cichorek-NJ)+1

UNITED STATES OF AMERICA **\*\*Voice of America\*\*Voice of Free China\*\*Armed Forces Radio and Television Service\*\*Radio Marti\*\*Voice of the Organization of American States\*\***

- 5975 1110 **VOA** world nx: Hurricane Gilbert (555 9/16 Alexander-NJ)  
5995 0130 **VOA** Bentsen-Quayle debate live (433 10/6 Ehly-IA)(Langlois-FL)(Brown-IL)  
6030 0440 **AFRTS** Air Force nx (444 9/12 Brown-IL)  
6075 0930 **RM SS**; "Buenos dias, Cuba" (444 9/20 Fischer-WI)  
6100<sup>nr</sup> 0725 **WHRI** Pop and rock, Phone no. for Prayerline (444 10/2 Miller-CA)  
6135 0757 **KUSW** Pop mx, ads (444 9/25 Miller-CA)  
7365 0350 **KGEI** RR; TCs, ID, Religious mx (444 10/1 Miller-CA)  
7365 0400 **WHRI** Sermon by Dr. Lester Sumrall (433 9/12 Fischer-WI)  
9505 0230 **WYFR** Religious program (555 9/15 Fischer-WI)  
9525 2331 **WCSN** World nx, ads (444 9/27 Miller-CA)  
9700 1435 **AFRTS** CBS nx: Russian version of Monopoly game (422 9/27 Kline-Hong Kong)  
11695 0129 **KUSW** Faith Martin plays pops (444 9/21 Miller-CA)(Brown-IL)  
11790 1331 **WHRI** Bible message, Gospel mx (322 9/25 Richmond-MD)  
11895 0208 **VOA** SS; nx, sports, Seoul Report (555 9/10 Wright-MB)  
11900 1140 **KYOI** Ranger radio ad, mx (333 9/11 Neff-FL)  
15145 0115 **WINB** Organ mx, ID in SS and EE (444 9/11 Neff-FL)  
15205 0140 **VOA** Debt relief for Third world countries (333 9/13 Brown-IL)  
15215 0122 **VOFC** CC; OM with mx (555 9/10 Wright-MB)  
15225 1755 **KUSW** Fountain pens and handwriting (433 9/10 Neff-FL)  
15300 0256 **WCSN** George Miller discourses on Christian Science (343 9/2 Cichorek-NJ)(Miller-CA)(Brown-IL)  
15330 1648 **AFRTS** jazz mx, football (433 9/25 Cichorek-NJ)  
15345 1430 **AFRTS** CBS nx roundup (444 9/10 Neff-FL)(Brown-IL)  
15355 1529 **KGEI** SS; OM IDs, hymn (333 9/25 Matsushita-JP)  
15410 1730 **VOA** "Sounds of Soul" (444 9/17 Neff-FL)  
15435 1345 **AFRTS** Stories on Solidarity and Chile (444 9/10 Neff-FL)  
15580 2350 **KUSW** Hurricane Gilbert (555 9/14 Brown-IL)  
17640 2031 **VOA** FF; Pop mx (343 9/24 Richmond-MD)  
17750 2047 **WYFR** Bible Quiz (444 9/24 Richmond-MD)  
17775 0225 **KVOH** Christian religious programs (555 9/20 Fischer-WI)(Miller-CA)(Richmond-MD)  
17785 2105 **VOA** International nx // 17800 (434 9/24 Richmond-MD)  
21525 2031 **WYFR** Open Forum (343 9/24 Richmond-MD)

Despite some rumours to the contrary, it looks like the closing of **AFRTS** is definite. Citing excessive costs, the Defense Department said it will be using existing satellite links and other planned satellite networks to distribute the programming now carried by shortwave. Alas, I will miss the great sports coverage. Now let's see... if I built a satellite dish...

Also there are contrary reports coming out on the status of **VOA's** Bethany transmitter site. Kim Andrew Elliott denied reports that the site will close, but the rumours persist.

**KNLS** fans: try these frequencies-9840,6150,7355,11700,12025-from 0700 to 2200Z in Russian, English, Mandarin, and Japanese. Love that Ivan Kolesnikov!

**Computer Users**: The NACC BBS has a new phone number: ☎(717) 961-7687 now available 24 hours a day. The board now works at the following data speeds: 300, 1200, and 2400 baud.

Remember to send the loggings to me at the address on the masthead by the twelfth of the month or our CDE:

David Jones, 2120 -C Mockingbird Lane, Box 8, Springfield, TN 37172

by the fifth of the month.

Bye for now,

*T.A.S.*



# EUROPE

Daniel J. Sampson  
 P. O. Box 31  
 Independence, WI 54747-0031



Deadline: 12th  
 Times/Dates: UTC  
 Frequencies: KHZ

Destination: \_\_\_\_\_  
 Flight     
 Seat Window Center Aisle  
 Row

## BOARDING PASS

# EUROPE

- ALBANIA Radio Tirana**  
 7065 \*2330 EE; nx, fertilizer plant ushers in new era in Albanian agriculture. // 9760 (333 9/21 Wakefield-IA) 0230 EE; nx, Leafing Through Our Listeners Letters (333 9/18 Fisher-MA)  
 9480 0400 FF; ID by OM/YL, OM ancr w/ tlk (333 8/9 Ryan-NY)
- AUSTRIA Radio Austria International**  
 6015nf 0448 RAI EE; profile of Viennese pop group Mojo Blues Band which plays Cajun-style mx (434 9/9 Westenhaver-QU)  
 9875 0036 RAI EE; Rpt from Austria, rpt from Moscow to get started w/ a bank in the U. S. S. R. (433 9/21 Bishop-NY) 0030 EE; ID, nx, spts, crowded space (555 9/22 Woering-MA)  
 15450nf 1137 RAI EE; intvw w/ Henry Grunwald, U.S. ambassador to Austria, ex-15320 (333 9/16 Westenhaver-QU) 1245 EE; Profile on a wrestler from Zaire on the Austrian Olympic team (252 9/20 Fraser-MA)  
 21490 1355 RAI GG; multi-lingual ID tape alternating w/ waltz mx to 1400, YL w/ TC for 1600 local & nx (333 9/8 Westenhaver-QU)
- BELGIUM Belgische Radio en Televisie**  
 9925 2110 BRT EE; jazz, ID, 2126\* (343 9/3 Prath-FL) \*2326 EE; end of SS pgm, IS, ID (444 9/24 Wakefield-IA) 2330 EE; Belgian nx, Brussels Calling (122 9/20 Miller-CA) \*2330 EE; Radio World, jazz, nx (454 9/24 Card-RI) 2330 EE; nx, Belgium Today, tlk of a great Belgian painter (555 9/23 Woering-MA)  
 11695 0800 BRT EE; Brussels Calling (322 9/5 Johnson-CA)  
 15540 1850 R-TV Belge de la Communaute Francaise FF; rock mx, comtry (434 8/13 Fischer-WI)  
 17555nf \*1330 BRT EE; ID, freqs, Frans Vossen gave pgm details & read nx, // 21815 (444 9/26 Westenhaver-QU)  
 21810 1001 BRT EE; Brussels Calling, nx, education in Flanders (152 9/28 Kline-Hong Kong) 1752 FF; tlk about cooking pasta, 1756 ID anmt in Dutch, ment this freq is changing to 15510, 1757\* (444 9/10 Westenhaver-QU) 1610 FF/EE; nx, comtry, ID, P. O. Box 26, spts, tlk on monuments (222 9/9 Miller-CA)
- The S88 sked for BRT to NAm are 0030-0055 9675 M-Sa, 1330-1355 17555 M-Sa & 2200-2225 9675. (World of Radio 9/23)*
- BULGARIA Radio Sofia**  
 7115 0400 RS Bulgarian; ID, nx, tlk about Bulgaria (222 9/23 Miller)  
 7115 2245 R. Moscow relay EE; Soviet heavy metal (454 9/24 Wakefield)  
 7670 1530 Stolnik Bulgarian; pop song, apparently some kind of spts event, mx interludes, // 11765 (232 9/17 Dillon-Greece)  
 11950 2323 RS EE; Bulgarian folk mx (333 9/24 Wakefield-IA) 2312 EE; rpt on Bulgarian mythology (444 9/29 Brown-IL)
- CZECHOSLOVAKIA Radio Prague**  
 5930 0134 RP EE; women in journalism school, tourist attractions in Bohemia, folk mx, nx headlines (555 9/21 Wright-MB)  
 6055 0103 RP EE; nx by YL w/ Olympic lead off (444 9/18 Cichorek-NJ)  
 9540 0240 RP SS; folk mx, OM ancr (434 9/26 Cichorek-NJ)  
 7345 0145 RP EE; tour of rural S. Bohemia w/ folk mx (553 9/21 Fraser-MA)  
 17705 1720 RP EE/Czech; nx, comtry, into Czech, nx on Soviets & Czech. (112 10/2 Miller-CA)

**DENMARK** **Radio Denmark**  
11926 \*1559 Danish; IS, ID in Danish/EE, OM w/ nx, 1613 EE ID, hymn (433 9/25 Matsushita-Japan)

**FINLAND** **Radio Finland**  
11755 2117 RF EE; basic Finnish lessons by OM (444 9/7 Cichorek-NJ)  
0149 Finnish; nx, intvw, rpt on Burma (544 9/9 Wright-MB)  
15115 1030 RF FF; ID, nx, sked, IS @ 1044 (444 9/17 Dillon-Greece)  
15245 0946 RF EE; Sports Fare about Olympic disappointments, Finnish & Ben Johnson, IS @ 0952 (253 9/28 Kline-Hong Kong)  
15400 1345 RF Finnish; tlk on Olympics & wld events, comtry (223 9/23 Miller-CA)

**FRANCE** **Radio France International**  
11965 2341 RFI SS; EEC-Argentina trade tlks, // 9800, 11670 & 11995 (444 9/14 Wakefield-IA)  
15200 0006 RFI FF; nx, press review, tlk on colour photography, ID @ 0024, mx (544 9/21 Wright-MB)  
17620 1745 RFI FF; pop mx, OM DJ, sked & freqs for various parts of Africa (444 9/13 Dillon-Greece)

**GERMAN DEMOCRATIC REPUBLIC** **Radio Berlin International**  
9620 0306 RBI EE; trade fair in G.D.R., pop song, listeners questions (343 9/8 Wright-MB)  
9730 0005 RBI EE; Wld Peace Day in the G.D.R. (444 9/3 Prath-FL) 0008 EE; computer training in G.D.R. (333 9/24 Wakefield-IA) 0005 EE; ID, RBI DX Club (333 9/20 Westenhaver-QU) 0153 EE; rpt on Cyprus tlks (433 9/16 Brown-IL) 0123 EE; tlk w/ Olympic athlete (433 9/22 Woering-MA)  
11785 0255 RBI EE; consignment to Mozambique, U.N. secretary in Rwanda (444 9/23 Brown-IL)  
13610 0605 RBI EE; nx of shakeup in Soviet Communist Part., Olympic rpt (242 10/2 Thunberg-PA)  
21540 0909 RBI EE; 552nd meeting of the RBI DX Club about large signal behavior, antennas, Olympic track & field rpt (353 9/27 Kline-Hong Kong)

**GERMANY, FEDERAL REPUBLIC OF** **Deutsche Welle**  
6100 0100 DW GG; OM, nx (444 9/9 Langlois-FL)  
7265t 0014 Südwestfunk GG; variety of mx, YL ancr, fluttery signal (222 9/27 Cichorek-NJ)  
25690 1245 RL/RFE unid; OM/YL w/ tlk, 1258 R. Svoboda ID by OM, IS, YL w/ nx on the hour, 1303 jamming audible (242 9/25 djs-WI)

*DW freq changes for S88 in EE to NAM are 0300-0350 6130, 6010, ex-11785, ex-6120. (direct)*

**GREECE** **Voice of Greece**  
7430 0302 VOG Greek; mx by 2 OM singers (333 8/9 Ryan-NY)  
9420 0130 VOG Greek/EE; Greek/EE ID, nx, rpt on the condition of the Prime Minister after his heart surgery in London (444 9/15 Brown-IL) 0131 EE; wld nx, ID, local mx (555 9/22 Woering)  
9495 0340 VOG EE; Greek/EE ID, YL w/ nx (433 8/9 Ryan-NY)  
9700 2100 VOA relay EE; nx, VOA to have coverage of the Discovery launch, Communications World (422 9/24 Kline-Hong Kong)  
9740 0223 VOA relay EE; nx, rpt on Kuwait/Iran relations (323 9/26 Cichorek-NJ)  
11595 2305 VOG Greek; nx, ID @ 2310, comtry, mx (444 9/8 Prath-FL)  
11645 \*0000 VOG Greek; IS, anthem, ID "Edo Athine" (444 9/23 Wakefield)

**HUNGARY** **Radio Budapest**  
9835 0135 RB EE; letters from listeners, Mozambique, DX pgm (333 9/21 Miller-CA) 2329 EE; IS, ID, YL w/ nx (545 9/19 Cichorek-NJ)  
11910 \*2200 RB SS; IS, ID, freqs, nx, tlk, // 9835 (343 9/5 Prath-FL)  
15160 0043 RB EE; nx of Hungary's Olympic athletes, rpt on weekend's Hungarian football matches (232 9/27 Westenhaver-QU)

**ITALY** **Radiotelevisione Italiana**  
9575 0100 EE; usual nx, Italy 2000 industrial exhibit in Moscow, // 11800 (454 9/14 Fraser-MA) 0157 II; tlk on social security, excerpt from speech followed by comtry, QRM VOA 9575 & RSA 9580 (333 9/19 Wright-MB)  
11800 0109 EE; YL w/ nx to 0115, light mx fill to ID, closing anmt @ 0119, // 9575 (322 9/23 Westenhaver-QU)

**LUXEMBOURG Radio Luxembourg**  
6090 2335 EE; 2337 TC & ID, phone-in, ads (433 9/24 Cichorek-NJ)

**MALTA Voice of the Mediterranean**  
9765 0631 EE; From the Cradle to the Grave pgm of Maltese folk mx, 0644 ID, Tubular bells theme mx & Full News Rpt (242 9/24 Westenhaber-QU)

**NETHERLANDS Radio Nederland**  
9850 0418 EE; tlk, no foreign market for clothing, Newline (444 9/21 Miller-CA)  
17605 1130 EE; Happy Station Show, QRM (131 9/25 Kline-Hong Kong)

**NORWAY Radio Norway International**  
9560 0200 Norwegian; nx, intvw, co-channel QRM (533 9/21 Wright-MB)  
15310 1628 EE; ballad mx, ID @ 1628 into Norw. (545 9/25 Cichorek-NJ) 1607 EE; nx about Norway, Norway Today, tlk on Summer Olympics (333 9/25 Miller-CA) 1720 EE; Norway Today, intvw about future Olympic sites, mx (343 9/18 Cichorek-NJ)

**POLAND Radio Polonia**  
6135 2245 EE; tlk about archaeology in Eu, // 7270 (322 9/3 Prath-FL)  
7125 2240 EE; nx, pgm w/ listeners letters-Postbag (333 9/5 Prath-FL)

**PORTUGAL Radio Portugal**  
9705 0230 EE; nx, Spanish Prime Minister is in Port., wx, tourism in Port. (333 9/14 Brown-IL)

**ROMANIA Radio Bucharest**  
9510 \*0200 RE EE; ID, sked, nx (333 9/30 Wakefield-IA)  
9570 0403 RE EE; nx on armed forces, comtry, Iran-Iraq war, PLO, nuclear weapons (444 9/20 Miller-CA)  
9690 1930 RE EE; IS, ID, YL w/ nx, comtry, // 9750 & 11940 (433 8/8 Ryan-NY)  
11940 2022 RE EE; Cultural Survey, Romanian cl mx, ID by OM @ 2027, address, 2028 IS (444 9/24 Cichorek-NJ)

**SPAIN Radio Exterior de España**  
9360 0333 REE SS; OM w/ nx, ID @ 0334 (433 8/9 Ryan-NY)  
9630 0010 REE EE; ID, nx of Spain (444 9/21 Miller-CA) 0130 EE; photos of desert at night, women on Spanish Cabinet (444 9/8 Langlois-FL) 0021 EE; participation at U.N. peace tlks, Margaret Thatcher's visit to Spain (545 9/22 Woering-MA)  
11880 0100 REE EE; nx, U.S.-Spanish agreement on U.S. military bases, Space Shuttle is launched, Panorama (444 9/29 Brown-IL) 0012 EE; nx, Panorama, OM singing (433 9/21 Bishop-NY)  
17890 2100 REE SS; YL w/ ID, OM/YL w/ nx (544 9/25 Cichorek-NJ)

**SWEDEN Radio Sweden**  
11705 2330 RS EE; Swede's living abroad (544 9/8 Prath-FL) 0102 Swedish; nx, tlk, Israel (333 9/21 Miller-CA) 2313 EE; remote b/c from ship intvw w/ passengers (545 9/9 Cichorek) (444 9/25 Kline-Hong Kong)  
15430 1528 RS EE; nx, the Greens enter Parliament, Mailbag, // 17780 (444 9/25 Kline-Hong Kong)  
17840USB 2324 RS EE; ID @ 2326, Weekday from Stockholm, 2327 freq anmt, IS & ID (434 9/7 Cichorek-NJ)  
17860nf 1413 RS EE; rpt on Swedish Olympic athletes, wx, portrait of Swedish cl trumpeter, // 15345 (322 9/26 Westenhaber-QU)  
21690 \*1230 RS EE; IS, tlk about Swedish politics (242 9/24 Prath-FL)

**SWITZERLAND Swiss Radio International**  
6095 0112 SRI EE; IS, YL w/ freq & pgm anmt (343 9/18 Cichorek-NJ)  
6135 0224 SRI EE; Swiss SW Merry-Go-Round, disc. on SW antennas (444 9/25 Cichorek-NJ) 0400 11/EE; 11/EE ID, nx, Schultz-Schevernaze tlks, Michael Deaver gets a 3 year suspended sentence (333 9/23 Brown-IL)  
6190 2250 SRI EE; Dateline, Swiss watch industry (434 9/26 Cichorek)  
9725 0158 SRI EE; Alpine mx, nx, U.S. to pay its dues to the U.N., Grand Caymans are hit by Gilbert, Dateline (444 9/13 Brown-IL) 9725 EE; tlk on churches, young people, Iran used chemical weapons (544 9/21 Miller-CA)  
9885 0209 SRI EE; pgm on nat'l parks (323 9/26 Cichorek-NJ) 0200 11/EE; 11/EE ID, nx, Gilbert hits the Yucatan, Dateline, the West Bank situation (444 9/14 Brown-IL)

SWITZERLAND continued

12035 0200 SRI EE; nx, debate in Switz. over S. Afr., British kicks Cuban diplomats out (433 9/12 Brown-IL) 2230 PP; ID, nx, Burma coup (444 9/19 Wakefield-IA)

15570 2120 SRI EE; tlk about cl mx in Switz. (444 9/5 Prath-FL) 2110 EE; unrest in Armenia, different kinds of Soviet mines that will be left behind in Afghanistan (453 9/22 Kline-Hong Kong) 2100 EE; Gorbachev is now Pres. of the U.S.S.R., Mulroney calls for Canadian election (333 10/1 Brown-IL)

17730 0158 SRI EE; Alpine mx, nx, Gov't in Poland opens tlks w/ solidarity, Dateline (343 9/16 Brown-IL)

21695 1350 SRI EE; Swiss SW Merry-Go-Round (343 9/3 Prath-FL)

UNITED KINGDOM British Broadcasting Corporation

3955 0214? BBC EE; ID @ 0214 into mx (322 10/2 Bishop-NY) *The time was listed as 2114 which is unlikely.-ed.*

7170 0501 VOA relay EE; nx, Saturday Morning, Voyager II space probe, drought crops (555 9/10 Wright-MB)

7230 2130 RCI relay FF; IS, ID, RadioJournal, Présent (222 8/8 Ryan)

7325 0100 BBC EE; rpt on Gilbert, comments on major storms, // 9590 (454 9/16 Fraser-MA) 2314 EE; Farming Wld, Seven Seas-ship sinks w/ some radioactive waste (444 9/29 Brown-IL)

9410 2303 BBC EE; nx, Ben Johnson is back in Canada, Israel's defense minister defends using plastic bullets in the West Bank region (444 9/27 Brown-IL)

9915 2148 BBC EE; tlk about the improvement in British trade w/ Argentina, tourist company in the Falklands, rc @ 2200, QRM from AIR on 9910 (343 9/23 Kline-Hong Kong) 2300 EE; nx, Monterey suffers major damage from Hurricane Gilbert (333 9/17 Brown-IL)

12095 1600 BBC EE; wld nx, nx about Britain, The Cross and the Crescent, Letter from America (444 9/18 Dillon-Greece)

15070 1310 BBC EE; Dukakis-Bush debates (333 9/26 Wakefield-IA) 2053 EE; rpt on Chinese pop mx (444 10/1 Brown-IL) 1508 EE; Radio Newsreel, Concert Hall (444 9/18 Dillon-Greece)

25750nf 1256 BBC EE; Spts Roundup, nx, Iranian foreign minister at U.N. says he reached an agreement w/ Iraq, Latvian Conf. in Riga, 24 Hours (252 10/8 djs-WI) 1428 EE; Outlook, rpt on Ed Koch's campaign to stop New Yorkers giving money to beggars (353 10/3 Westenhaber-QU)

VATICAN CITY STATE Vatican Radio

6150 0028 VR FF; IS w/ bells, ID by OM in FF (545 9/21 Cichorek-NJ)

9605 0049 VR FF/EE; FF ID, IS, EE ID, rpt on the Pope's visit to Africa, Pope lands in Johannesburg (444 9/14 Brown-IL) \*0030 FF; bells, ID (444 9/22 Wakefield-IA) 0050 EE; speech by Pope, YL telling of S. Africa on trip to Lesotho (333 9/16 Miller-CA)

9615 2209 VR EE; Vatican Viewpoint about ethics in medicine, Newsdesk, problems w/ the elections in Lebanon, // 11830 (443 9/22 Kline-Hong Kong)

9755 1744 VR RR; IS, opening mx, ID, tlk about Zimbabwe, // 6185 & 11715 (444 9/13 Matsushita-Japan)

11780 0050 VR EE; ID "This is Vatican Radio," Popes general audience, rpt on Pope's 5 nation tour (544 9/22 Woering-MA)

11810 1558 VR EE; tlk, end of transmission, IS @ 1600 (444 9/25 Miller-CA)

11960 1430 VR Hindi; bells, Indian mx, OM w/ nx of Pope's trip to Africa (333 9/17 Dillon-Greece)

21485nf \*1400 VR SS; ID as LAM svce, pgm details, rpt on Pope's Wednesday general audience (434 9/8 Westenhaber-QU) \*1330 SS; ID, "Para America Latina," rel tlk, mx (353 9/3 Prath-FL)

YUGOSLAVIA Radio Yugoslavia

15325 1305 EE; OM/YL w/ nx & wx, 1310 ID, comtry, 1312 press review, 1315 mx, into unid lang @ 1330 (333 10/5 Atkins-GA)

INTERNATIONAL WATERS World Mission Radio via Radio Caroline

6215 0405 EE; religious oriented mx, ID w/ CA address in EE/GG @ 0434 (434 9/11 Cichorek-NJ)

UNIDENTIFIED

3975 0549 FF; OM w/ monologue (433 9/10 Cichorek-NJ)

15115 0101 unid; OM w/ presumed ME prayer chant (242 9/12 Cichorek-NJ)

73's Janid



# U S S R

## LOGGINGS AND INFORMATION

Mail Monthly Contributions to

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NOVEMBER 1988

U.S.S.R. Radio Moscow Radio Kiev Radio Vilnius Radio Tashkent  
Radio Station Peace and Progress Radio Yerevan

- 4740 1745 R. Kabul Relay: Pushtu; OM DJ w/ Indian style mx, no ID or nx on the hr, QRN @ 1814 (343 9/15 Dillon-Greece)
- 5920 0122 RM-Leningrad (ILG): RR; RR mx, cmtry (523 9/18 Trescher-PA)
- 7195 2139 RM-Simferopol (ILG): EE; pgm of class. songs, w/ID btwn cuts @ 2145, // 7240 (232) (333 9/17 Westenhaver-QU) (Wright-MB)
- 7270 0505 RM: EE; nx, ID, "Science & Engineering" (444 10/1 Miller-CA)
- 7320 1820 RM-Minsk (RDI): RR; nx headlines, RM IS @ 1830, QRM de BBCWS on 7325 (433 9/12 Dillon-Greece)
- 7360 \*0100 RSF&P-Serpukhov (ILG): Creole; ID as "R. Paix et Progres", nx from Latin America/Caribbean (433 9/30 Westenhaver-QU)
- 7420 0500 RM (DS1): RR; Asian mx (312 9/24 Trescher-PA)
- 9470 2222 RY-Ulyanovsk (RDI): SS/RR; freq. @ 2225, mx, 2248 ID by YL in SS (343 9/4 Cichorek-NJ)
- 9470 2315 RM-Ulyanovsk (RDI): PP; polit. tlk by OM/YL, ID - "R. Central du Mosku" (444 9/6 Prath-FL)
- 9480 \*1230 RM-Yerevan (ILG): Hindi; YL s/on routine w/ "Yeh R. Moscow hay" ID, ments "Hindi" & sked, nx (232 9/13 Westenhaver-QU)
- 9480 2300 RM-Yerevan (RDI): SS; Mayak pgm to 2300, ID in SS, noticias (444 9/5 Prath-FL)
- 9490 0321 RM-Simferopol (ILG): SS; cmtry, FRG-DDR relations (555 9/24 Trescher-PA)
- 9610 0422 RM-Alma Ata: EE; YL w/ cmtry (444 8/9 Ryan-NY) (more details please -ed)
- 9615 0201 Radiostantsiya Rodina-Zhigulevsk (RDI): RR; nx, mx @ 0206, OM tlk, RR folk song (443 9/13 Wright-MB)
- 9640 2300 RY-Lvov (RDI): EE; IS, ID, mx, nx - Gorbachev becomes president, amateur radio (444 10/1 Brown-IL)
- 9640 2330 RK-Lvov (RDI): EE; IS, s/on w/ nx, pgm - "The Dialogue" w/ listeners letters, // 11790 (444 9/3 Prath-FL)
- 9715 1217 RT-Tashkent (RDI/ILG): EE; cmtry on ending of gulf war, YL w/ tlk on political reform in USSR, essay contest (242 8/26 Anywodi-VA) (Westenhaver-QU)
- 9735 2025 RM-Armavir (ILG): Norwegian; "Det er Moskva" ID & ment of "ukes postkassa" (weekly mailbag), OM/YL tlk, mx, sked, joined RMWS in progress @ 2029 (433 9/21 Westenhaver-QU) (thanks for the excellent details Bill -ed)
- 9810 0245 RM-Riazan (ILG): RR; OM w/ cmtry (221 9/27 Trescher-PA)
- 9825 1957 RM-Vinnitsa (ILG): EE; closing anmt for "British Hour", YL w/ sked, RMWS IS to \*2000 (444 9/21 Westenhaver-QU)
- 9845 \*1200 RM-Khabarovsk (ILG): CC; "Mosuko guangbo diantai" ID by YL over march mx, OM tlk, UTE QRM (232 9/13 Westenhaver-QU)
- 9880 0103 R. Magallenes-Kiev (RDI): SS; ment. of communism, ID (555 9/29 Trescher-PA)
- 9890 0025 RM-??: EE; "Home in the USSR" - election reforms, // 7195 (555 9/14 Fraser-MA) (Trescher-PA) @ 1803 (Westenhaver-QU) (Fred Trescher listed the site as Tashkent, but I highly doubt that - much too strong. Any ideas on this site? -ed)
- 11690 2306 RM-Khabarovsk (ILG): EE; OM w/ nx, ID @ 2311 into "Inside Report", QRN & QSB (332 9/19 Westenhaver-QU)
- 11770 0520 RM: EE; tlk on Israel, ID, "Outlook" (534 9/22 Miller-CA)
- 11790 2200 RY-Blagoveshchensk (RDI): EE; IS, ID @ 2200 by YL, into nx (333 8/20 Ryan-NY) (Prath-FL)

11860 \*0400 RM: FF; Kalinka IS, Kremlin bells chiming 8:00, YL s/on w/  
list of freq., OM nx (423 9/8 Westenhaver-QU)

12000 1159 RM (DS2)-Kazan (ILG): RR; mx, IS, ID (523 8/27 Trescher-PA)

12010 0027 RM: EE; ID, "Inside Report", item on drug addiction in USSR  
UTE QRM (232 9/28 Westenhaver-QU)

12020 1130 RM: RR; Mayak IS, ID, nx & tlk, CW QRM (333 9/10 Prath-FL)

12070 2215 Radiostantsiya Rodina: RR; OM/YL w/ EZL mx, IS & ID @ 2230  
(434 9/7 Cichorek-NJ)

13645 2335 RK-Khabarovsk (RDI): EE; ID by YL, cmtry on US Presidential  
campaign by OM (333 9/19 Cichorek-NJ)

13775 0128 RM: CC; pgm of RR heavy-metal mx w/ YL, ID @ 0136, tlk by  
another YL (343 9/10 Westenhaver-QU)

15110 1010 RM-Tbilisi (RDI): EE; wld nx, ID, visit to Siberia by Gorba-  
chev, "Focus on Asia & the Pacific" (333 9/17 Dillon-Greece)

15140 0111 RM-Ryazan (RDI): EE; wld nx, ID (312 8/28 Trescher-PA)

15140 1405 RM: Hindi?; wld nx, ID, Gorbachev speech made while visiting  
Siberia (444 9/17 Dillon-Greece)

15140 1938 RM-Tbilisi (ILG): Fulani; IS, ID, mx (312 8/27 Trescher-PA)

15180 2204 RY-Komsomolsk Amure (RDI): EE; ID, "Weekly Focus" - tlk abt  
ecological movement, etc. (252 9/24 Kline-Hong Kong)

15180 2352 RK-Komsomolsk Amure (RDI): EE; Ukranian emigrants, time &  
freq., piano mx, into RV in Lithuanian @ 0000 (342 9/20  
Wright-MB) (Fischer-WI)

15200 1400 RM-Kalach (RDI): Tamil?; IS, ID, OM w/ nx (333 9/21 ed.)

15265 0813 RM-Chita (RDI): EE; "News & Views" - highlights of speech to  
UN, ID, "News in Brief" @ 0830 (243 9/28 Kline-Hong Kong)

15320 1630 RSP&P: EE; ID, nx by OM, ID @ 1636 & "This is the voice of  
Soviet public opinion" (333 9/25 Cichorek-NJ)

15415 0158 RM-Kenga (ILG/RDI): EE; Usual bottom-of-hour I routine, nx  
@ 0200 read by Karl Yegorov (343 9/10 Westenhaver-QU)

15425 0445 RM-Petropavlovsk Kamchatskiy (RDI): EE; "Science & Engineer-  
ing" - Soviet space shuttle, 0500\* (454 9/10 Wright-MB)

15455 2207 RY-Khabarovsk (ILG): EE; ID & pgm "Youth in Focus" abt be-  
ginning of new school year (343 9/10 Westenhaver-QU)

15460 1320 RM: EE; "Inside Report" - Supreme Soviet (343 9/10 Neff-FL)  
(Cichorek-NJ)

15475 \*1859 RM: FF; mx bridge to 1900, Kremlin bells, YL anmt & ID, nx  
(222 9/17 Westenhaver-QU)

15480 0358 RM: RR; IS, ID, nx cmtry, folk mx (434 10/6 Miller-CA)

15500 1711 RM-Moscow (ILG): EE; african svc, "Africa as we see it" -  
correspondent rpts (433 9/18 Westenhaver-QU)

15540 0300 RM-Minsk (RDI): EE; IS, OM w/ wld svc ID, nx & cmtry (222  
9/24 Evans-TN)

17860 2354 RM-Chita (RDI): EE; choral singing, mx, "Midnight in Moscow"  
ID @ 2358 (434 9/9 Cichorek-NJ)

21585 1156 RM-Dushanbe (ILG): Indonesian; anmt & station address, s/off  
w/ "R. Moscowaa" ID, 1159\* (222 9/8 Westenhaver-QU)

21630 1140 RM-Starobelsk (ILG): EE; Karl Yegorov's "Jazz Show" w/ jazz  
guitar mx, QSB (243 9/8 Westenhaver-QU)

Thanks to all the contributors this month, a much better turn out! This month's RDI sites come from the new 1989 Passport to World Band Radio. I have yet to receive my first ILG, but it is coming from overseas.

We have some unidentified logs this month:

4770 @ 0232 in RR (Cichorek) - Any ideas on this one?  
11745 @ 1731 in RR (Miller) - I believe this is Radio Beijing in RR  
11830 @ 0417 in RR (Miller) - "R. Petroprava" ID; Mayak?  
15355 @ 2300 in RR (Cichorek) - "R. Svaboda" ID; This is R. Liberty

Well, I spoke to soon about relays last month, here we go again...

6000 & 6170 are via Havana, Cuba  
7115 is via Plovdiv, Bulgaria  
15170 is via Mongolia (this came from James Kline while in Hong Kong)

It's opinion poll time. This is the first time I have had any UNID logs in the column, is the above presentation OK? Regarding relay logs, I realize it is difficult to pin down xmitter sites and that RM relay logs sometimes get sent to me. Should I give relay logs more coverage in this column or continue as above, briefly mentioning those I receive? Send your answers to me with your next set of loggings. And with that I have run out of room for this month. Bye for now. -Jason

# Africa

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888

All times and dates UTC: Frequencies in Khz: \*0000 = s/on, 0000\* = s/off.

Submission Deadline is the 12th.

Just when you thought you'd never hear any more DX, it's back -- THE DX SEASON!! They're all there -- the big guys, the elusive little guys, and everything in between. So roll up your sleeves, put on your headphones, and get up and do what needs to be done!!

## COLUMN FOR NOVEMBER, 1988



### ALGERIA

- 9509 1802 R. Algiers: FF; W reads headlines, M reads nx, which ends @1813 w/TC for "1913;" then ID "Vous ecoutes Alger.." 333(10-18 ed.)  
 9575 1820 R. Medi Un: FF; end bouncy pop mx, personable M dj; chats, ending w/quick "Medi Un" ID before next tune. 333(10-18 ed.)

### ANGOLA

- 3354 2242 R. Nacional: FF; tikls by several M, mni ments Angola; nice ID @2252, more tik w/brief mx bridges. //4963 (fair). 353(9-9 D'Angelo-PA)

### ASCENSION ISLAND

- 6005 2304 BBC Relay: EE; nx: Gorby warns of Armenian crackdown. 333(9-24 Wakefield-IA). 444(9-4 Howell-CA)  
 9515 2300 BBC Relay: EE; TPs, into world nx.444(9-7 Cichorek-NJ)  
 15400 0222 BBC Relay: EE; Afr Perspective: Cameroon; ID. 333(9-25 Brown-IL)

### BENIN

- 4870 2147 QRT B-nin (t): FF; M hosts pgm of kiddie songs to past 2115 with no ID. 11 p.m. Benin time would seem a bit late for the tots, no? 343(10-19 ed.)

### BOTSWANA

- 4820 0355 R. Botswana: SetS; barnyard IS, M ID, freqs. under Honduras + hvy ORN. 222(9-19 Miller-CA). 322(10-9 Bishop-NY)

### BURKINA FASO

- 4815 2154 RTV Burkina (t): FF; M tik, Afro mx, past 2200 w/no ID. 433(10-2 Bishop-NY)

### CAMEROON

- 5010 2212 CRTV, Garoua: FF; Yaounde nx feed to TC/ID @2216, then pgm of M tik w/segments of lcl instr mx. 353(9-9 D'Angelo-PA)

### COTE D'IVOIRE

- 7215 0556 R. Cote d'Ivoire: FF; tone to 0558, then EZL-mx IS; choral NA @0601, then M "Ici Abidjan, RDif Ivoirienne..," freqs/skcd, pgm previews. 433(10-19 ed.). 444(9-20 Cichorek-NJ)  
 11920 2133 R. Cote d'Ivoire: FF; Casual ID, TC, some community anmts, into mx from Santana. Fluttery signal. 443(9-17 Westenhaber-QUE). 322(10-14 Janusz-NJ)

### EGYPT

- 9475 0200 R. Cairo: EE; ID, pgm notes, Egyptian mx, In Egypt pgm, nx. 433(9-25 Brown-IL). @2216..333(10-4 Cichorek-NJ). 423(9-21 Woering-MA)  
 9672 0313 R. Cairo: EE: nice AA mx to 0315 chime/TC/ID, nx. Down from nominal 9675; //better 9475. 333(10-19 ed.)

**EGYPT (continued)**

- 9900 2130 R. Cairo: AA; AA mx, ID, nx. 333(9-27 Langlois-FL)  
 15210 2140 R. Cairo: Yoruba; M nonstop t1k to 2154, 2 min pres nx briefs, 2 min Qur'an @2158 AA anmt ment "Hausa" and "Yoruba" w/sked, end w/"Saut al-Africa min al-Qahira." NA, 2201#. Began 333, down to 232 at s/off(10-19 Westenhaver-QUE)

**EQUATORIAL GUINEA**

- 5003.7 0506 R. Nacional, Bata (t): SS; lcl hilife mx. poor(10-18 Sheedy-CA)  
 6250 2132 R. Nacional, Malabo: SS; short t1ks by 2 M & 1 W w/short mx segments; nice ID @2149; mx to 2158 ID, s/off anmts, 1-o-n-g NA, off @2203#. 333(9-18 D'Angelo-PA)  
 9552a 2127 R. Africa: EE; canned rel pgm w/NC address; @2158 full ID anmt w/addresses in Malabo & Cupertino, CA, promise of QSLs. Pgm ended @2203 but carrier remained on. 332(9-14 Westenhaver-QUE). 222(9-18 Fisher-MA)

**ETHIOPIA**

- 7110 0354 VO Ethiopia: Amharic/VN; brief bit of M t1k after new pest R. Nederland left frequency, into local flute mx, W ID @0400, into nx. Lots of garbage from Sofia/7115. 322(10-19 ed.)  
 9560 1400 VO Ethiopia: AA; opening mx, M ID, into nxcast; faded quickly to disappear by 1408. 242/1(10-17 ed.)  
 9660 1838 VO Ethiopia: EE; pgm of lcl folk mx to 1848, when M ID, then W ID along w/freq and sked, nx headlines, then mx bridge w/short features between; W final ID @1856, s/off 1858#. 322-311(9-27 ed.)

**GABON**

- 4777 2142 RTV Gabonaise: FF; Afro-Brasilian type jump mx, M dj, to qu... ie ID @2159, then more of the same. Vy lo modulation on speech. Questic.: don't mixing boards in Africa have VU meters? 232(9-30 ed.)  
 4830 2016 Africa #1: FF; really awful jazz mx, M anc'r long t1k, passing ID, into flamenco mx; much better on //15475 despite QRMoscow there. As usual, this is the earliest Afro 60m fade-in. 252(10-16 ed.) @0501..534(9-19 Miller-CA). 444(9-17 Dillon-GREECE). 444(9-26 Thornton-NJ)  
 4890 0510 R. France Int'l Relay: FF; magazine-style pgm w/many phoned-in stories on African events, passing ID. 444(10-17 ed.)  
 11800 2301 R. Japan Relay: EE; nx: Emperor's health, Olympic report. 433(9-23 Brown-IL). 433(9-15 Miller-CA). 311(9-23 Wakefield-IA). 544(9-10 Wright-MB). 434(9-19 Cichorek-NJ)  
 15200 1643 Africa #1: FF; football - Yaounde vs. somebody - w/casual IDs amidst the screaming [You mean they calmed down just for the ID? -ed.]; off @1656#. 343(9-18 Westenhaver-QUE)  
 15235 0514 R. Japan Relay: RR; W t1k abt economics; mx, ID, then t1k abt trains. 343(10-20 ed.)  
 15475 1851 Africa #1: FF/EE; FF ID, t1k, then into EE nx: Lebanon situation. AND has the second most FF b/c's of any int'l b/c'er. [Did they say that or are you saying that?-ed.] 333(9-20 Brown-IL) 343(9-17 Westenhaver-QUE). 433(9-25 Cichorek-NJ)

**GHANA**

- 3366 2250 GBC: EE; M nx, ID @2254, lcl vcl mx, another ID @2257 when //4915 dropped. Into inspirational feature, s/off anmts & ID. 2304# 353(D'Angelo-PA)  
 4915 2250 GBC: EE; lcl and world nx, brief Afro mx, TC "one minute to eleven, time for the evening devotional," foll by ID "GBC Radio One," s/off anmts, NA, off 2306#. 232(9-28 Thornton-NJ). 252(10-16 ed.) @0540 in VN..434(9-17 Miller-CA). 545(9-21 Robinson-TN)

**GUINEA**

- 7125 0715 Rdif National: FF; M t1k over gtr mx, ID as "Rdiff NATIONAL du Guinee.." @0719, kalimba theme mx. 333(9-28 Howell-CA)

**KENYA**

- 4885 2110 VO Kenya: ??; caught tail end of W t1k, into choral version of Kenyan NA, off @2112#. CW GRM. 232(10-16 ed.)

**LESOTHO**

- 4800 0405 R. Lesotho (t): Sesotho; acapella group vcl, ads?/PSA's to 0412 w/some EE, into big-band type mx [Woody Antelope and His Thundering African Herd? -ed.]@0413, M/W t1k past 0425; fading fast past 0420. fair(10-18 Sheedy-



## LIBERIA

- 4760 2224 ELWA: EE; end rel pgm, s/off ID & anmts by M, TC, "good night and goodbye," orch NA. 2232# 353(9-7 D'Angelo-PA). 333(9-17 Dillon-GREECE)
- 9605 2030 VOA Relay: FF; W nx; @2035 ID, "Le Countdown du Monde" hit-parade show w/Roger-Guy Folly [Note: The name "Roger-Guy" is the FF equivalent of the EE "Billy-Bob." -ed.]. 242(9-14 Westenhaver-QUE)
- 11830 2010 ELWA (t): ?? (Yupe listed); choral singing heard under WYFR. 111(9-24 (Cichorek-NJ)[Never knew that Yuppies had their own language. -ed.]
- 11835 0353 VOA Relay: EE; interview w/singer Leonard Cohen. 444(10-20 ed.)
- 11955 0657 ELWA: AA; vibraharp IS, @0659 M "Huna Radio ELWA," NA, into feat pgm. QRM de Vatican?/11960. 333(10-12 ed.)
- 15320 1815 VOA Relay: PP; tlk, VOA IDs; high QRN. 222(9-27 Miller-CA)..in PP to Brazil, ends @2359#. 243(9-19 Westenhaver-QUE)
- 15600 2037 VOA Relay: EE; Nightline Africa: rpt on AIDS epidemic. 433(9-25 Cichorek-NJ. 433(9-25 Brown-IL)
- 17705 1800 VOA Relay: PP; ID to Africa, W w/VOA address; song abt starvation. [Sounds cheery enough. -ed.] 343(9-13 Dillon-GREECE)
- 17870 2056 VOA Relay: EE; Nightline Africa: feat on Otis Redding; into nx @2100. Fluttery. 333(9-10 Westenhaver-QUE)
- 21485 \*1757 VOA Relay: EE; IS w/IDs to 1800, TP, TC, ID and M nx. 222(9-10 Westenhaver-QUE)

## LIBYA

- 15235 1945 VO Greater Arab Homeland: AA; M tlk, mni ments Mohammed, bits of mx, nx on the hour. 434(9-11 Howell-CA). 342(10-15 Janusz-NJ). 545(9-21 Cichorek-NJ)

## MADAGASCAR

- 7285 2127 R. Nederland Relay: Dutch; bell IS, M talks over w/ID, freqs, ment Indonesia. Mixing w/Polonia and (DW??). 322(10-18 ed.)
- 11735 1428 RN Relay: EE; IS, W ID, more IS, 4 TPs, Jonathan Marx intro. QRM de FAX (!) stn on 11740 kHz. 232(10-20 ed.)
- 15560 1805 RN Relay: Dutch; Olympics stuff, nx, tlk abt "Last Temptation of Christ." 433(9-12 Dillon-GREECE)
- 17575 1430 RN Relay: EE; Happy Station: Tom's 8-day vacation with his 80-kilo Great Dane. [Wonder if he's ever considered a dating service? -ed.]554(9-25 Kline-HONG KONG)



## MALI

- 5995 2236 RTV Malienne: FF; M long tlk to 2247, mx bridge, then another boring long tlk; ID, nx @2300; //4835 w/4783 barely audible. 333(9-7 D'Angelo-PA)
- 7110 0715 RTV Malienne: FF; interview M & W, repeating "Bamako" every 5th word for next fifteen minutes; into nice lute-type lcl mx @0729. 333(10-15 Janusz-NJ)
- 9769.5 0032 R. Beijing Relay: EE; recipe for pan-fried mutton w/leeks; songs from the Yangtze River. 343(9-11 Westenhaver-QUE). 544(9-19 Cichorek-NJ)
- 11715 0045 R. Beijing Relay: EE; excerpts from modern opera "Songs From the Alley." 444(9-16 Fraser-MA). 444(9-19 Miller-CA). 333(9-9 Langlois-FL). 434(9-18 Cichorek-NJ)
- 11790 2330 RB Relay: SS; tlk abt improving housing conditions for the masses; no sign of AFRTS. [and you know why...-ed.]. 333(9-11 Westenhaver-QUE)

## MOROCCO

- 5995 0630 VOA Relay: EE; ID, story about trapped whales in Barrow, AK. low freq het from presumed Mali. 343(10-20 ed.)
- 6095 0610 VOA Relay: EE; end nx headlines, Newsline. 322(10-19 ed.)
- 15105 2316 RTV Marocaine: AA; ment Olympics, tlk abt Moroccan distance runner (an Iowa State student); u/DW, better on //15335. 222(9-24 Wakefield-IA)
- 15335 2225 RTV Marocaine: AA; AA mx, M/W tlk, mx and cmty; anthem & nx @2300. 353(9-21 Wright-MB)
- 17595 1629 R. Morocco: EE; demonstration of differences between UK/US English using radio anmts; ID "You are tuned to the English service of R. Morocco.", and xmsn @1659#. 152(9-27 Kline-HONG KONG)

## MOZAMBIQUE

- 9618 1803 R. Maputo: EE; nx, ID, Outlook Africa: interview w/Ghana health official re family planning. QRM loud co-ch LSB tone - jamming? [perhaps -ed.] 433(9-27 Kline-HONG KONG)

**NIGER**

- 5020 0535 LV du Sahel: FF; M acapella chants, "Ici Niger" ID @0538, into tribal mx. [Those "acapella chants" which begin the broadcasts from predominantly Islamic countries are actually recitations from the Islamic holy book, the Qur'an. Calling them "chants" or "wailing" in a reception report may offend the reader. -ed.] 243(9-10 Howell-CA)

**NIGERIA**

- 3326 2255 R. Nigeria, Lagos: Afr mx w/lots of drums; ID @2300, W w/nx: @2303 "...and that's the news at midnight;" TC, ID, closedown amnts, pledge. 252(9-9 D'Angelo-PA)
- 4770 0501 R. Nigeria, Kaduna: EE; ID, ad block: Aqua-Fresh ad in EE, others in VN, audio level plummets as pgm of pop mx/M dj resumes. 343(10-17 ed.)
- 6025 0646 R. Nigeria, Enugu: VN; c/w mx (like Dak Ridge Boys), chat between M & W dj's, instr mx, VN chat to 0659, 6 TPs, poss VN ID, nx to 0705, EE ID @0705, then seemingly into different VN for nx abt Lagos & Kaduna. Or maybe Loggins & Messina, I'm not sure. 232(10-4 ed.)
- 7255 2142 VO Nigeria: FF; Afropops/US soul music; broken by M ID/TC @2153; @2159 disjointed closing amnts; wobbly tape of NA; 2201\*; QSB; fuzzy mod at best. 333(9-17 Westenhaver-QUE). @0555 in EE.444(10-1 Miller-CA).

**SEYCHELLES**

- 9590 1536 FEBA: EE; Back to the Bible pgm, addresses in Sri Lanka & India, nx, ID. 422(9-27 Kline-HONG KONG)
- 11750 0338 BBC Relay: EE; African Sce; answering listener mail; faded into QRM by 0350. 322(9-25 Howell-CA). @\*0256 IS, ID, more bells, @02\*9 ID as "Indian Ocean Relay." 333(9-25 D'Angelo-PA)
- 11870 0315 FEBA: Farsi; M tlk, AA-like mx, 1X IS, 0330\*; QRM de R. Jap. 323(9-12 Howell-CA). QRM de jammer..343(9-29 ed.)

**SOUTH AFRICA**

- 3955 0216 R. Orion: EE; harmonica mx, other inst mx, M ID @0221. 232(9-12 Cichorek-NJ)
- 4880 0420 R. Five: EE; ID, Vision Guide, phone #s, phonecalls, cig ads, pop mx. 444(9-11 Miller-CA). 232(10-1 Wakefield-IA)
- 6065 0000 R. RSA: SS; TPs, ID, nx; //9580. 454(9-22 Wakefield-IA)
- 7285 0440 R. Orange: Afk; contest promo, ads, very little pop mx, ID @0455. poor(10-18 Shedy-CA)
- 9580 0249 R. RSA: EE; disc what SAF has to do to woo foreign investors. 343(10-21 ed.)
- 9615 0232 R. RSA: EE; Our Wild Heritage pgm abt wildlife conservation. 434(9-26 Cichorek-NJ). 544(9-2 Wright-MB)
- 11760 0345 R. RSA: EE; disc of the Black Movement in SAF; ID, nx. 444(9-23 Brown-IL)
- 11870 2256 R. RSA: SS; IS, EE/SS IDs @2259, usual fanfare, ID/skcd; nx: theme (same mx used for RSA DX Corner), nx. 232(10-19 Westenhaver-QUE)
- 11925 0422 R. RSA: FF; IS to 0428, then EE/FF ID, theme, beginning FF pgm. //11900 (good) and 15365 (even better). 333(10-19 ed.)
- 15365 1857 R. RSA: EE; IS/ID/fanfare/TPs, s/on routine w/"Africa Speaks to Africa" slogan; into nx. 242(9-25 Westenhaver-QUE)
- 21460 1900 R. RSA: FF; TPs, UTC/SAF TCs, M into nx, incl claim that mni ANC members have AIDS! [A hitherto-unacknowledged high-risk group. -ed.](This freq #1800-1956\*). 243(9-9 Westenhaver-QUE)
- 21535 1839 R. RSA: EE; tlk on improving tourist publicity. 343(9-9 Westenhaver-QUE). 253(9-26 Kline-HONG KONG)
- 21590 1710 R. RSA: GG; regional cmty. tlk abt SW Africa, ID. 334(9-21 Miller-CA)

**SOUTH WEST AFRICA**

- 3290 0508 R. SWA: EE; M dj, casual ments of stn, obscure pop mx. 343(9-7 Howell-CA)

**SWAZILAND**

- 3240 0329 TWR: Shona (listed); segued acapella hymns, TWR ID's in VN, address/ID @0343, closing hymn, IS, off 0345\*. fr(10-9 Shedy-CA)

**TANZANIA**

- 9684.2 0408 R. Tanzania: EE; M reads nx to 0412, then "...the External Sce. of R. Tanzania, Dar-es-Salaam;" brief pause, then W talk (unintelligible), M pres cmty to 0417; mx. Heavily jammed. 321(10-19 ed.)

## TUNISIA

- 7475 0534 R. Tunis: AA; mix corny FF mx, 1cl AA mx; //9675, 12005, 544(10-17 ed.).  
9675 0456 R. Tunis: AA; several M singing in close harmony; @0459 M ID per WRTH, into theme and 3 mins mx ending w/same theme. 333(9-25 Westenhaber-QUE)  
11550 1445 R. Tunis: AA; TP/TC, call to prayer, AA mx, ID @1500, then world mx. 343(9-17 Dillon-GREECE)

## CLANDESTINE

- 7145 2038 A Voz de Verdade: VN/FP; M one long speech about Angola, Cubans, Namibia; punctuated by brief musical respites; mx up @2101, @2104 M in PP gives ID as A Voz de Verdade, gives his name, then some kind of anthem by out-of-tune band; 2107\*. Ham QRM, plus Romania @12059. 333(9-30 ed.)  
9045 0432 Iran's Flag of Freedom Radio: Farsi; M enthusiastic speech, hands off to W @0438, @0440 peppy march, M & W keep repeating ID, shout several slogans, more march mx. Xntr problems - off and on; //15555 fair but seemingly jammed by another b/c on freq. Both end pgm @0523\*. 343(10-17 ed.)  
15215 2235 VO Free Sahara (t): AA; M monologue, mx @2240; loud buzz heard. 434(9-7 Cichorek-NJ)

## DX NOOZ

Robert Ross - ONT hears Buea, Cameroon a2236-2300\* on 3970, Tanzania 5050 @0256, Somalia 7200 @2050-2101\*, Zaire 4750.8 @ \*0350, and R. Malawi tentatively on 3381 @0315. Guy Atkins - WA hears Kenya 4934 a0300. Roland Schulze - FRG hears R. Bukavu, Zaire @1800 on 4839.2. [NAM DXers might try this one a0400 s/on.-ed.]...All the preceding from FINE TUNING #488.

On MEDIA NETWORK, Jonathan Marks relayed an item from Spanish Foreign Radio's DX program about a new station in Equatorial Guinea, "Africa 2000." It is purportedly on the air with a 10 kw transmitter for three transmissions daily (no times given). Freq is 4950 kHz. Andy Sennitt also commented on upcoming R. RSA freq changes this month: Swahili 1500-1700 on new 12010, // 15220; and EE to Europe @1800 on 15365 and 17795....This from RADIO NEDERLAND.

## ODDZNEBDS

OK, folks, it's time for Uncle Al's annual annoying lecture. I have been very forgiving in running sketchy, dated, or illegible logs because the summer was pretty slow. But things are picking up again, as they always do, and marginal logs will be filed circularly, if you know what I mean. You will no longer have the benefit of the doubt when you send me "M tlk, AA mx" logs, send logs from three months ago, or submit logs without the time, freq, and/or signal report. I am glad to say that things are much better in all regards this year than for two years previous, but there's still room for improvement.

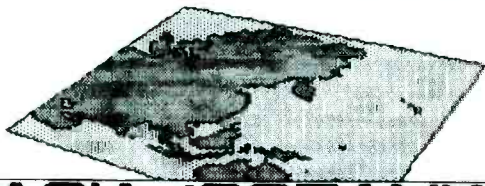
And to the silent majority who devour each month's SPEEDX without ever joining the party, shame on you. If you've never contributed, here's a proposition: you send me some African loggings before the year ends, and I'll reimburse you for the stamp!



Many, many thanks to all the fine folks who helped make this month's column a joy to assemble! A very happy Thanksgiving to you all!

73,  
Pilgrim Al





# ASIA/OCEANIA

William Westenhaver  
3525 Aylmer St., #610  
Montreal, Quebec, Canada  
H2X 2C1

Deadline: 12th  
Dates/Times: UTC  
Frequencies: KHZ

Hi everybody! It's October 17 as I type this November column, and the CDE material still hasn't arrived! In order to get this off to our Publisher in time for his deadline, I can't wait any longer for it. My apologies to all concerned! Still, there's some interesting material this time around. A special welcome goes out to this month's new contributors--and special thanks, too, to James Kline for the loggings he made while on holiday in Hong Kong--the lucky guy-hi!

<u>AUSTRALIA</u>		<u>Radio Australia</u>	<u>VLM/VLQ Brisbane</u>	<u>VLW Wanneroo</u>
4920	0902	<u>VLM4</u> : EE: Brief Aussie nx; into cmtly on lcl affrs (333 9/8 Howell-CA)		
5995	1230	<u>RA</u> : EE: "Communicator" w/tlk on WWV (222 9/11 Prath-FL)		
6140	1910	<u>VLW6</u> : EE: Pop mx; ABC ID: into radio comedy (333 9/27 Kline-Hong Kong)		
7205	*1200	<u>RA</u> : EE: S/on w/nx; then tlk abt Australian foreign relations (333 9/3 Prath-FL)		
9645	1130	<u>RA</u> : EE: ID: Aust. pop mx px; //9770 (232 9/24 Prath-FL)		
9660	1043	<u>VLQ9</u> : EE: Interview w/football player; olympics quiz; ABC ID; wiped out soon after by VOA (322 9/28 Kline-HK)		
15160	2224	<u>RA</u> : EE: End of "International Report" (222 9/18 Richmond-MD)		
15240	0702	<u>RA</u> : EE: Live coverage of VFL Grand Final football match; //11910 (SIO 343) was on late tonight (242 9/24 ed.)		
15285nf	0715	<u>RA</u> : EE: Live coverage of Australia beating Korea in basketball; frq used only during Olympics (242 9/24 ed.)		
15395	0731	<u>RA</u> : EE: "Arts Roundabout" on map/art show on discovery of Southern Hemisphere (454 9/23 Kline-HK)		
15425	2309	<u>VLW15</u> : EE: ABC nx; pop mx; wx. QRM de 15420; good copy w/narrow filter (322 9/21 Kline-HK)		
21740nf	2356	<u>RA</u> : EE: Px "Innovation" (333 9/24 Wakefield-IA) @ 0018 w/live coverage of IOC press conference stripping Ben Johnson of his gold medal (242 9/27 ed.) @ 0410 w/Olympic tennis; //21525 not hrd (354 9/29 Hanson-WA) (This frq also was only used during Olympics-ei.)		

<u>BANGLADESH</u>		<u>Radio Bangladesh</u>
7505	1836	<u>RB</u> : EE: Tlk abt a ruined city; monthly "DX Programme"; @ 1859 open carrier (453 9/27 Kline-HK)
17710	1231	<u>RB</u> : EE: Nx of floods; cmtly on IMF policies...1253*. Ann //15195 was covered (332 9/26 Russell-AL)

<u>BURMA</u>		<u>Burma Broadcasting System</u>
4725	1325	<u>BBS</u> : BURMESE: W vocals w/bells/gongs/xylophone; ID w/ment Bangoon @ 1330 (343 9/3 Jessen-OR)
5985	1429	<u>BBS</u> : EE: IS; M "This is Radio Burma" during break in QRM de 5980; w tlk buried in background (411 9/28 Kline-HK)

<u>CHINA</u>		<u>Central People's Broadcast Stn</u>	<u>Radio Beijing</u>
4840	*0955	(p) HEILONGJIANG-1: CC: Chime IS similar to Beijing's; w tlk; a little mx; Halxia QRM; WRTN lists *0855 (423 9/11 Howell)	
4840	0955	(p) HAIKIA: CC: Steady M tlk; weaker than co-channel Heilongjiang (322 9/11 Howell-CA)	
6890	2230	<u>CPBS-2</u> : CC/EE: EE lesson ("Good Morning," "Welcome to our factory") until time beeps @ 2259; //5075, 5163, 6920, 7770, 8007 and 9775 all heard (454 9/28 Kline-HK)	
7405	1403	<u>RB</u> : EE: W w/world nx; ID. Very strong--relay?? (544 9/15 Berri-CA) (Jason, I think it's direct-ed.)	

(Mon 24 China on the next page....)



## CHINA continued

- 12015 \*1300 RB: CC?: S/on w/IS/opening theme; into w/ tlk. Lang sounded like CC, but too weak to be sure. (222 9/4 Prath-FL)  
 (John, they are listed in standard CC at this time-ed.)
- 15280 1204 RB: EE: World nx and "Nx abt China"; ID (353 9/23 Kline-HK)
- 15455 1221 RB: EE: "Listeners' Letterbox" (444 9/4 Sampson-WI) @ 1311 w/M nx; splatter from Moscow-15460 (222 9/5 Cichorek-NJ) @ 1230 w/"Chinese Cooking Show" (443 9/10 Prath-FL)

COOK ISLANDSRadio Cook Islands

- 11760 0525 RCI: EE/MAORI: Island mx; ID's; M tlk in Maori (233 9/22 Miller-CA)

FRENCH POLYNESIARFO Tahiti

- 11825 0505 RFO: FF/TAHITIAN: Lots of island mx; M ancr; some Tahitian tlk (344 9/22 Miller-CA)

GUAMKSDA-AWR Asia

- 15125 0033 KSDA: EE: Rlg tlk "The Greatest Story Ever Told"; AWR-Asia ID (353 9/22 Kline-HK)
- 17865 0248 KSDA: EE: Px "The Voice of Prophecy"; rlg mx; ID as AWR-Asia; QRM de Moscow-17860 (322 9/22 Kline-HK)

INDIAAll India Radio

- 9910 2139 AIR: EE: Mx; cmtly on Sri Lankan elections; ID; nx @ 2200; RF //7412, 9550, 11620 (322 9/23 Kline-HK)
- 11620 2205 AIR: EE: Nx; cmtly; "Radio Newsreel" (333 9/23 Brown-IL) @ 2100 w/nx to 2105; cmtly on UN; "Classical Vocal Music" (333 9/24 Thornton-NJ) @ 2109 w/tlk on family planning in India (444 9/25 Cichorek-NJ)
- 11715 2257 AIR: EE: IS to nx @ 2300; ID's; cmtly; "Caring for Mother" health care px; //9535 hrd (454 9/25 Kline-HK)
- 15360 1808 AIR: EE: Nx... "Dixers Corner" (every 4th Monday of month) w/ reading of reception reports (443 9/26 Kline-HK)

INDONESIARadio Republik IndonesiaVoice of Indonesia

- 4931.6 1403 RRI Surakarta: IN: RRI nx to lcl ID @ 1408; political tlk w/ ml ments Kazakhstan; then both lcl/LatAm mx. Best in USB; my best reception ever of this 500 watt station! (333 9/5 Atkins-WA) (Nice one, Gary!-ed.)
- 15150 2011 VOI: EE: ID's; rpt on Vietnamese refugees on Galen (sp?) Island (322 9/26 Kline-HK)

IRANVoice of the Islamic Republic of Iran

- 15084 1800 VOIRI: FARSI: M ID "Inja Tehran"; anthem-type mx; M nx (333 10/4 Fisher-MA) @ 2140 w/MidEast mx; M/W tlk; modulation problems (433 9/24 Cichorek-NJ) (@ 1540 SIO 333 9/18 Richmond-MD) (@ 2110 SIO 222 9/21 Miller-CA)

ISRAELKol Israel

- 9855 2252 KI: EE: "Spotlight" on west Bank situation (333 9/17 Brown-IL) @ 0026 w/px "Spectrum" (433 9/20 Bishop-NY) on 9857 @ 0009 w/tlk on Jewish Museum to open in Vienna; //9435 (444 9/22 Wakefield-IA) (They do move around a bit-ed.)
- 11605 2235 KI: EE: Nx w/rpt on Israeli Olympic athletes; "Shabbat Shalom" (433 9/23 Brown-IL)

JAPANRadio Japan

- 5985 1328 RJ: EE/? : IS w/EE ID's; "Sakura" @ 1330 but following lang unID (323 9/5 Jessen-OR) (Wilbur, their sked lists KK on this frq at \*1330-ed.)

KAMPUCHEAVoice of Kampuchea

- 11940 1215 VOK: ?? : M tlk; drum/flute mx 1218-1221; then more tlk by diff. M (222 9/3 Cichorek-NJ) (Any sign of an ID?-ed.)

KOREA, DEM. PEOPLE'S REP.Radio Pyongyang

- 13650 2305 RP: EE: 40th anniversary celebration speech by Kim Il Sung (Too bad we missed the party-hi!); //11735 hrd (443 9/21 Kline-HK) (And I didn't even get an invite-hi!-ed.)

(More news of the Great Leader? Just turn the page....)

KOREA, D.P.R. continued

- 15160 0759 RP: EE: IS; ID/s/on routine; nx of European socialists' gifts to the "Great Leader"; hrd //s 9540, 11830, 15180 (353 9/22 Kline-HK) (They have a whole museum in Pyongyang filled w/these gifts--sort of like Imelda's shoes-hi!-ed.)
- 17795 \*0700 RP: EE: S/on routine; nx abt the "Great Leader"--sickening! (222 10/5 Russell-AL)

KOREA, REPUBLIC OF

Radio Korea

- 7550 0849 RK: EE: "Seoul Olympic Roundup"; promo for essay contest; 7/13670 (443 9/27 Kline-HK) @ 0815 w/Korean and international nx; very bad RPTY QRM (312 9/28 Howell-CA)
- 9570 1301 RK: EE: Nx of discontent w/NEC's Olympic coverage; hrd //s 9750/15575 (533 9/25 Kline-HK) @ 1349 w/interviews w/Olympic winners and losers (545 10/2 Miller-CA)
- 9750 1308 RK: EE: Nx of preparations for Olympics; "News Comment" (333 9/5 Richmond-MD) @ 1340 w/Olympic wrapup in EE/KK (544 10/2 Miller-CA) @ 1308 SIO 322 9/22 Wakefield-IA)

MALAYSIA, EASTERN

Radio Malaysia

- 4835 1425 RM Kuching: MALAY: Pop mx w/w ancr; TP; M nx w/many ments Malaysia (232 9/22 Miller-CA)

MALAYSIA, PENINSULAR

Voice of Malaysia

- 15295 1105 VOM: CC: Nx by M; @ 1110 into tlk by W; some EE mx and more tlk (332 9/5 Burnell-NF)

MONGOLIA

Radio Moscow World Service relay

- 15170 0833 RMWS: EE: Tlk abt law enforcement/ crime statistics; nx of anti-Nazi rally in Moscow; RMWS ID (443 9/27 Kline-HK) (This frq has been in use via Ulan Bator for some time, and is occasionally hrd in ECNA. A Montreal-area DXer--not me--recently got a QSL for it listing the Ulan Bator site-ed.)

OMAN

Radio Oman

- 17770 0408 RO: AA: Open carrier to 0410; NA and ID; AA mx; @ 0420 4 tones and phone conversation (353 9/22 Howell-CA)

PAKISTAN

Radio Pakistan

- 15115 0300 RP: ??: ID by M; tlk/chanting; mx; many ments of Pakistan (444 9/26 Cichorek-NJ)
- 15605 1420 RP: URDU: Mx w/W DJ; "R. Pakistan" ID @ 1430 (333 9/3 Carroll-AZ) (Patrick also says EE nx on this frq @ 1600-ed.)

PAPUA NEW GUINEA

- 3260 1128 R. Madang: PD: M tlk; @ 1130 theme mx/ID per WRTM; country and pop mx w/M ancr; in past 1200 but peaked 1130-1150 (333/222 9/7 Evans-TN)
- 3335 1100 (t) R. East Sepik: PD/EE: Theme mx; M/W anmts; (p) nx or cmt by W; @ 1115 M w/EE translation/cmt on Parliamentary session (also hrd part of same px on R. Madang (322 9/7 Evans-TN)

PHILIPPINES

VOA relay R. Veritas Asia Far East BC

- 6110 1210 VOA: EE: Rpts on unrest in Armenia and riots in Burma (322 9/22 Wakefield-IA)
- 9760 1305 VOA: EE: World nx including correspondents' reports; ID (343 9/25 Richmond-MD)
- 11760 2310 VOA: EE: "VOA Sunday Morning" w/profile of jazz singer Betty Carter; noticeable polar flutter (343 9/10 ed.)
- 15160 1412 VOA: EE: "Asia Report" w/items on Burma and North Korea (343 9/5 ed.) @ 1255 w/tlk abt upcoming Olympics; VOA nx @ 1300 (232 9/10 Prath-FL)
- 15325 0759 VOA: HR: "Yankee Doodle"; s/on anmt w/EE ID; then RR nx; hrd //s 11930, 11965, 15410, 17865 (153 9/28 Kline-HK)
- 15325 0130 RVA: EE: "Church Developments" on first female Episcopalian bishop; hrd //15280 (454 9/28 Kline-HK)
- 15480 0102 FEBC: EE: "Good Morning India" magazine px incl mx, nx, mbg and computer feature (454 9/22 Kline-HK)
- 17820 2313 VOA: EE: "VOA Morning" w/correspondents' rpts from USSR and W. Germany; splashed by R. Cultura-17815 (333 9/20 ed.)

SINGAPORESingapore Beast Corp BBC relay

9570 2236 BBC: EE: "Financial News"; "Reflections"; QRM de 9575  
(544 9/21 Kline-HK)  
11940 1534 SBC: EE: "Radio One" ID; old/new pop mx; ad for Maxell  
floppy discs (444 9/14 Howell-CA)

SRI LANKASri Lanka Beast Corp Frans world Radio DW relay

11835 1030 SLBC: EE: Mayor of Colombo tlks abt scheme to help middle-  
income people by houses (323 9/3 Hickman-MD)  
11920 1203 TWR: EE: Rlg tlk; TWR address in New Delhi; "Through the  
Bible"; 1247 recheck buried by BBC OC (322 9/28 Kline-HK)  
@ 1158 w/IS; s/on of "90-minute EE px"; rlg px "In Touch"  
(323 10/5 Russell-AL)  
15425 0130 SLBC: EE: ID; nx abt Bangladesh flooding; QRM de co-channel  
VLW15 (132 9/24 Kline-HK) @ 0110 w/M reading listeners'  
mail; ID @ 0130 (333 9/5 Richmond-MD)  
17810 0340 DJ: (1) PASHTO: MidEast-style mx; 0348 closing anmts ment  
DJ; EE site ID "Trincomalee Sri Lanka"; 0350\*. VERY  
heavy jamming (221 9/29 ed.)  
17825 1142 DJ: JJ: W tlk; bit of James Last-style mx; 1148 M anmt w/ID  
and Tokyo/Cologne addresses; EE ID "This is Deutsche Welle,  
relay station Trincomalee, Sri Lanka"; 1150\* (333 10/12 ed.)

SOLOMON ISLANDSSolomon Islands Beast Corp

9545 0730 SIBC: EE/VERN: Mx; ID's; ads for motorcycles/noodles; SIBC  
nx; only QRM hrd on 5020 (334 9/23 Miller-CA)

SYRIARadio Damascus

12085 2200 RD: EE: W mx; s/off anmts; anthem @ 2203 (333 9/18 Richmond-MD)  
15095 2147 RD: EE: Lively MidEast mx; ID; nx; NA; 2205\* (222 9/25 Brown)

TAIWANVoice of Asia Voice of Free China WYFR relay

7285 0614 VOA: EE: Nx; ID; tlk abt South Africa/apartheid; EE pops  
by Pina Turner and Everly Brothers (353 9/22 Kline-HK)  
7445 1533 VOA: EE: Nx; ID; "Highlights in History"; "Top Ten Count-  
down"; Asian Review"; 1630\* (544 9/25 Kline-HK)  
9955 \*2200 VOFC: EE: ID/usual s/on routine; nx of Taiwanese legislator  
kicked out for visiting Mainland; this frq beamed to Europe  
(253 9/22 Kline-HK)  
15055 1318 WYFR: EE: Rlg tlk "and the Lord spoke to Abraham..." (222  
9/26 Wakefield-IA)

THAILANDRadio Thailand

9655 0019 RT: EE: External Service ID; nx of oil rig fire in North  
Sea (252 9/23 Kline-HK)  
11905 0205 RP: EE: Nx; "97 FM Radio Thailand" ID's; EE pops (E.g.  
Whitney Houston, Smokey Robinson) (152 9/25 Kline-HK)

TURKEYVoice of Turkey

7160 2210 VOT: EE: "Outlook" on Austria-Turkey relations; ID/anmt that  
all bcsts will be 1 hour later from 9/25; //9445 SIO 444  
(232 9/24 ed.) measured on 7159.8 @ 2344 w/MidEast mx; ID/  
frqs given--this frq for MidEast (322 9/26 Cichorek-NJ)

UNITED ARAB EMIRATESVoice of UAE Radio Dubai

9600 0210 VOUAE: AA: Repeating 18-note IS on solo lute; 0212 (p) NA by  
military band; 0213 W ID per WRTM and sked; into Qur'an; on  
top of co-channel Portugal (333 9/30 ed.)  
15115 0536 VOUAE: AA: Qur'an; occ. brief anmts by M (333 9/14 Howell-CA)  
21605 1340 RD: EE: End of nx; Dubai wx; ID; into rlg tlk (343 9/4 Prath)

VIETNAMVoice of Vietnam

9840 \*2330 VOV: EE: ID routine; nx; "Cultural Report"; 2257\* (422 9/27  
Kline-CA)  
10010 \*1300 VOV: CC: Anthem; W anmt; nx (232 9/15 Wakefield-IA)  
10060 1416 VOV: VV: Tlk; mx in more or less French style, rather than  
VW mx (334 9/21 Miller-CA)  
15010 1308 VOV: FF: Tlk w/many ments Kampuchea/national reconciliation;  
best signal in years at this QTH! (333 9/2 Wakefield-IA) @  
\*2330 in EE w/ID; nx of Gorbachev reaffirming support for  
Vietnam (222 9/22 Thornton-NJ) (also logged by Cichorek-NJ;  
Kline-HK; Richmond-MD)

CLANDESTINE

12230 0207 (p) VOICE OF UNITY: ??: Tlk w/mx interludes; fragment of Beethoven's 5th; flute IS at 0226\*; no discernable ID, though (343 9/26 Howell-CA) (They're listed as using Pashto and Dari.-ed.)

UNIDENTIFIEDS

11965 0241 ??: Eerie acapella singing; rlg-sounding tlk 0246-0257-- slow but couldn't pick up any references; more mx; TP and (t) "Pakistan" ID; lang too wovelly for AA, but Islamic-type px (322 9/15 Janusz-NJ) (Ed, I've kept forgetting to check this one for myself; sorry about that. Pakistan is listed here, but only from \*0300 in Swahili; maybe now they're coming on earlier?-ed.)

17855 0246 II/HH: Opera numbers in II by M (222 9/25 Cichorek-NJ) (Ed, was the RR in anmts between the arias? If so, that format puts me in mind of some mx px I've heard on Mayak, but I could be wrong.-ed.)

You'll have noted that the DW relay station at Trincomalee is back on the air. Alok Das Gupta provides, in ADKN, via "World of Radio" #460, a sked for DW Trincomalee as of 9/25. (This presumes that all three transmitters at the site are in operation.):

5995 kHz--Bengali 0100-0150; EE 0200-0250; Urdu/Hindi/EE 1430 1650  
 6065 kHz--GG 2000-2200  
 7210 kHz--IN 2230-2320  
 9615 kHz--same as 5995 kHz, plus Persian 1800-1850  
 9650 kHz--IN 2230-2320  
 11705 kHz--GG 2200-0000  
 11850 kHz--Persian 1800-1850  
 11945 kHz--EE 0900-0950  
 15105 kHz--PP 2000-2050  
 15320 kHz--JJ 1100-1150; CC 1200-1320; IN 1330-1420  
 15410 kHz--Pashto 0300-0350  
 17765 kHz--GG 1700-2000; PP 2000-2050  
 17810 kHz--Pashto 0300-0350  
 17815 kHz--Dari 0800-0850  
 17825 kHz--JJ 1100-1150  
 17875 kHz--EE 0900-0950; Persian 1000-1050; CC 1200-1320  
 21590 kHz--GG 1000-1400  
 21630 kHz--Dari 0800-0850  
 21640 kHz--GG 0600-1000  
 21650 kHz--Pashto 0300-0350; Persian 1000-1050

There was also an item in "World of Radio" #460 that Radio France International and Radio Beijing have signed an agreement for a relay swap, probably beginning in November. Six hours of time per day will be involved. The Beijing relays will be divided between transmitters in France and French Guiana--these frqs, unannounced as yet, should, when ID's, go to Daniel or Carl. The RFI relays via China will include two hours per day on a MW xmtr near the Vietnamese border--good luck hearing that one! The same report also mentioned that the RFI/R. Japan swap will be extended to six hours per day, from the current 4½ hours.

The "Where are they now?" department: On the 10/16 RA "Communicator" px, Peter Bunn passed along a report from Supratik Sanatani that the Burma BS tests on 5040 kHz--which I mentioned in last month's column--have disappeared, and that the channel is now silent.

The "Where they aren't, not yet!" department: According to Gordon Darling-PNG (on RA, via Hauser/SWLD 10/15), the frequency changes to the PNG regional stations have been delayed, and that "no change to 120m is expected for some time." (I gave the frequencies for these changes in the September column, but I guess that this item means that you can all get a few extra hours sleep for the next little while-hi!)

I gather that some people have gotten a bit concerned over my remarks in last month's column about providing sufficient programme details in loggings. I didn't mean to scare anyone. (Honest!) I just wanted to point out that, especially for the rare and hard-to-hear stations, it would really help everyone to have something more detailed than the "M tlk, mx" sort of details. You don't have to send me stuff as elaborate as that which you'd send in a reception report to the station, though.

See you again next month--when I hope that the CDE material will have come through in time!

73-TSM



# TECHNICALLY SPEAKING...

Edited by  
Kent Willis

**Antennas**

**Radio Wave Propagation**

**Receivers**

**Reception Conditions**

**Equipment Reviews**

**New Technology**

8703 Lantern Lite Pkwy Louisville, KY 40220

Greetings, fellow SPEEDXers. We continue this month with another brief installment of our series on radio wave propagation. Hopefully we will be allotted 3 or perhaps more pages sometime in the not too distant future. The need for more than two pages became painfully evident after writing October's column!. A technical column can eat up a great deal of space without really accomplishing a given set of objectives. For proof, see last months' issue-hi!. Please let me or that all-around-swell-guy Ed Janusz know if you think an increased page allotment for "Technically Speaking..." would be beneficial or detrimental to the magazine. Now, on to the task at hand:

## A Propagation Primer: Introduction continued

Last month, we left off in the midst of a description of the various layers of the ionosphere. I listed the E(s) Layer (sporadic E) as if it were a distinct layer and separate from the "normal" E layer. From time to time, thin, highly ionized layers occur unpredictably (hence the term sporadic) within the normal E layer boundaries. Radio waves which would have passed through the E layer (primarily during local daylight) and ordinarily would have been refracted by the higher F layer collide with this wandering disturbance. The radio waves are then reflected back toward the earth's surface. This is the common explanation for "freak" reception of distant VHF television stations which ordinarily would have been limited to line-of-sight distances. This erratically appearing layer may exist for several minutes or several days, but due to its migratory behavior it may move out of position as far as a particular transmitter/receiver path is considered and provide extraordinary reception for only a very short time.

The final region, or more accurately, two regions which combine into one layer during local nighttime are known as the F ( or F1 and F2 ) region(s). The F layer is of greatest interest and benefit to the SWL/DXer, as it is primarily responsible for long distance communication. The principal height (the F2 layer) is about 200 miles. The atmosphere is very thin, or "rarefied" at this height. With this decrease in ion density, the less likely the ions are to recombine with free electrons to become neutral particles. The F region usually splits into two layers during the daytime; one at a lower altitude ( the F1 at 100 miles) and the other ( F2 ) at about 200 miles. At night, the F1 layer "vanishes" and the F2 layer height decreases somewhat.

The reason that there are several major layers lies in the fact that the electron density is not constant throughout the ionosphere. Definite and measureable gradations in this density do exist, primarily due to the fact that various dissimilar atmospheric gases (such as hydrogen, oxygen and nitrogen) tend to settle into a sort of "quasi-equilibrium" at different heights above the surface of the earth, giving rise to these various layers. For equilibrium to occur, the rate of recombination of these free electrons

with available gas ions must be equal to the rate that new ions are being created. The likelihood of ion recombination increases as the ion density increases. Increased density simply means that there are more ions in a given volume. The closer the molecules are together, the more likely the ions are to acquire or lose electrons through collision.

In the lower layers of the ionosphere the gases are more dense. Collision processes directly dependent on this density permit a greater rate of recombination in these lower layers. It is this degree of ionization that either permits or inhibits refraction of the radio wave as it passes through these various layers. Well, just how does this ionized layer affect the passing wave?. Exactly what happens is very complex, but a simple and somewhat superficial explanation will be adequate for our purposes. When an electromagnetic (EM) wave enters an ionized region, it's associated electric field exerts a force on these nearby charged particles. These charges will move in such a way as to oppose the force that caused them to move in the first place. These moving charges constitute a current "cloud" which will oscillate in the electric field of the passing wave but out of phase with it due to the electron mass inertia (however small). This cloud motion will produce a space current that "phase opposes" the original displacement current. In effect, this alters the dielectric constant, i.e., the "relative permittivity" of the ionized region the wave is traveling. The dielectric constant is a relative measure of how some material other than air would affect the energy storage capability of a capacitor. An region of separation between negative and positive charges acts like a capacitor, regardless of where such a region exists. As the dielectric constant varies, there exists some frequency (known as the plasma frequency) of EM radiation that will make the relative permittivity of the ionized region equal to zero. If the energy in the electromagnetic wave can not pass through this region, it must go somewhere. This wave is thus reflected, accounting for the fact that effective electric field in the ionized region due to the incident wave is zero. This reflected wave is what we intercept at our antenna. Some energy is lost ( transferred ) in the ionized region due to dissipation in the form of heat and through other mechanisms.

It is well known that the highest frequency wave that will be reflected from a given layer is proportional to the square root of the maximum electron density in that layer. This frequency is known as the critical or maximum useable frequency (MUF). The MUF is not actually only a single frequency; rather it is a range of frequencies which varies diurnally as well as seasonally and over a period of years. The higher the MUF, the less the attenuation or absorption. This permits a maximum signal strength at the antenna for a given transmitter power. Additionally, the transmitting antenna must be a very efficient radiator at low vertical angles with respect to the horizon. The most efficient transmission of information occurs when using the MUF. Short wave broadcasters normally don't change their frequencies just to be changing them, unless of course in the case of clandestine broadcasters to avoid jamming. Intelligent selection of frequencies to reach a given target area at a given time of day during a particular solar cycle takes some forethought. It doesn't happen by accident. SWL/ Dxers usually don't hear the rare or unusual stations by accident either. You must do a little planning and pay attention to the prevailing propagation conditions to know when you are most likely to hear the station of interest. Later in this series of articles we will see how to apply these and other principles to optimize our time/target schedule.

Well, we are out of space this month. Thank you to all those who have tendered positive comments and encouragement!

# SPEEDX QSL REPORT

Ray Forsgren - 4856 Inlet Drive - Chippewa Falls, WI. - 54729 - USA

## AFRICA

- ANGOLA Em Provincial de Benguela: 5044 f/d pfc in 72 ds direct for a PP rpt & \$1. (Kusalik-AB). Em Regional de Lobito: 7001 f/d pfc in 72 ds via Benguela for a PP rpt & \$1. (Kusalik-AB).
- EGYPT R Cairo: 9475 & 9675 f/d Citadel cd in 3 wks. (Johnson-ID).
- EQUATORIAL GUINEA R Africa: 9555 f/d cd in 10 ds for ms. Rpt sent to CA QTH. (Washburn-ME).
- ETHIOPIA Voice of Ethiopia: 7110 f/d Antenna cd w/ sked in 380 ds for ms. (Archer-NC).
- GABON AWR Africa: 17890 f/d Map cd w/ pennant, sticker, calendar & sked in 113 ds. (D'Angelo-PA). R Japan Relay: 11800 n/d Iris Garden cd in 43 ds. (Lenke-AB).
- LIBERIA ELWA: 11830 n/d cd in 75 ds for 2 ircs. V/S J. Tokeh. (Ryan-NY).
- LIBYA R Jamahiriya: 15450 f/d cd w/ form ltr & sked in 76 ds via Malta QTH. (Matsushita-JN).
- MALAWI MBC: 5995 p/d personal ltr in 174 ds for a SAE & ms. V/S H.R. Chirwa. (Archer-NC).
- MAURITANIA RTV de Mauritanie: 4845 p/d ltr in 194 ds after 2nd f-up for a FF rpt & ms. V/S Lennabolt auld Bouklariy. (George-MA).
- MOROCCO R Medi Un: 9575 f/d cd w/ sticker in 42 ds. (Bryant-OK).
- NIGER ORTN: 5020 f/d Map cd w/ photo in 165 ds for a FF rpt & 2 ircs. (Eckert-PA). f/d cd w/ ltr & goodies in 200 ds for a FF rpt & tape. V/S Yacouba Alwali. (Matsushita-JN).
- SOUTH AFRICA Radio RSA: 6010 f/d cd in 15 ds. (Brown-IL). f/d Park cd in 37 ds. (Wright-MB). 9615 f/d Rhinos cd in 29 ds. (Wright-MB).
- TUNISIA RTV Tunisienne: 7475 p/d form ltr w/ sked & stamps in 368 ds for a FF rpt, ms & \$1. V/S Mongi Chaffai. (Russell-AL).

## ASIA

- CHINA R Beijing: 9770 f/d Great Wall cd w/ sked in 22 ds. (Fischer-WI). 11500 f/d Peihei Park cd w/ mag in 24 ds. (Leader-IRE).
- CYPRUS CBS: 7205 f/d cd in 24 ds for ms & a tape. (George-MA).
- HONG KONG RTVHK: 3940 f/d pfc w/ personal ltr & stickers in 112 ds after f-up for \$1. V/S Tony Baines. (Archer-NC).
- INDIA AIR Lucknow: 3205 f/d Sikandra cd in 7 mo after 2nd f-up. (AB-Kusalik). AIR Kurseong: 3355 p/d ltr in 7 mo. V/S Madan Lal. (AB-Kusalik).
- INDONESIA RPDT2 Bulungan: 2976 f/d personal ltr w/ pfc & photo in 26 ds for an IN rpt & \$1. V/S Upiek Syacdin, Penyar. (Bryant-OK). f/d pfc w/ ltr in 33 ds after f-up for an IN rpt & ms. V/S Atmaja N., Kepala and Tata Usasha, Sub-Bagian. (Kusalik-AB). RKPDT2K Lumajang: 3239 f/d ltr in 34 ds after f-up for an IN rpt & ms. V/S D. Roebijanto B.A. (Kusalik-AB). RKPDT2 Sumbawa: 3774.8 f/d pfc in 24 ds after f-up for an IN rpt & ms. V/S Drs Syahrudin Ahmad, Pimpinan. (Bryant-OK). RRI Denpasar: 3945 f/d pfc obtained by a former student of John's who visited studio!! (Bryant-OK)... Isn't there something against the law about insider trading?? Hey- whatever works!!... RKPDT2 Blitar: 4086.7 f/d pfc w/ ltr in 41 ds registered for an IN rpt. V/S Hindijono BA, Pengelola Siaran. A real powerhouse at 225 watts!! (Bryant-OK). RRI Serui: 4607 f/d pfc w/ ltr in 179 ds for an IN rpt & ms. V/S Drs Jasran Abubakar and Agust Ransai, Kepala Seksi Siaran. (Kusalik-AB). RRI Palembang: 4855.85 f/d Traditional Houses cd in 67 ds for an IN rpt & \$1. V/S Drs Abdul Rochim. (Bryant-OK)... Great job, both of you!!! I'm surprised I could still read your rpts after drolling over 'em; these are veri's to be proud of!

- IRAN VoIRI: 15084 f/d folder cd w/ goodies in 34 ds. (Wakefield-IA).  
IRAQ R Baghdad: 15230 f/d folder cd in 28 ds. (Robinson-TN). n/d cd received after many unsuccessful tries. (Bryant-OK).  
ISRAEL KOL Israel: 7460 f/d cd w/ forms in 38 ds. (Bishop-NY). 9435 f/d cd in 41 ds. (Bishop-NY). 9815 f/d cd w/ sked & forms in 36 ds. (Bishop-NY). 11605 f/d cd in 47 ds. (Bishop-NY). f/d cd in 47 ds. (Brown-IL).  
JAPAN R Japan: 5990 n/d Cherry Blossoms cd in 12 ds. (Lemke-AB). n/d Yamata cd in 28 ds. (Lemke-AB). 11705 n/d Gardens cd in 18 ds. (NY-Bishop). 15300 n/d Doll cd in 28 ds. (Bishop-NY). NHK Osaka: 3377.5 f/d pfc w/ cd in 14 ds for an Arc. V/S Hideo Ishida. (Kusalik-AB). JFA: 12788 f/d cd in 14 ds for ms. (George-MA).  
OMAN AAM: 12675 f/d ltr in 28 ds for ms. V/S Noor Mohammed Omar. (MA-George-MA).  
PAKISTAN PBC: 15115 p/d cd w/ ltr in 52 ds for 3 ircs. V/S Ahmad Nawaz. (Weber-OH). 15580 p/d cd w/ ltr, sked, sticker & stamps in 68 ds for \$1. (Coday-CA). 17660 p/d cd w/ ltr & sticker in 38 ds. (AL-Russell). p/d cd & ltr w/ sked in 42 ds. (D'Angelo-PA).  
PHILIPPINES RVA: 6010 f/d Deepabali cd in 20 ds for 2 ircs. V/S Ms. Cleofe R. Labibdao. (Archer-NC). VoA Relay: 9760 f/d cd in 5 ds. (Washburn-ME). 15160 f/d cd in 15 ds. (Weber-OH).  
QATAR A9D: 8473 f/d form ltr w/ booklet in 33 ds for ms. V/S Abbaas Ahmed Abbas. (George-MA).  
SOUTH KOREA R Korea: 9750 f/d Olympic cd in 26 ds. (Lemke-AB). 15575 f/d cd in 24 ds. (Culp-DC). f/d cd in 32 ds. (Bishop-NY). f/d cd w/ sked in 38 ds. (Wakefield-IA). f/d cd & form in 40 ds. (Bishop-NY). f/d cd & skeds in 41 ds. (Bishop-NY). f/d cd in 46 ds. (Bishop-NY).  
SYRIA R Damascus: 9950 f/d Map cd w/ flag, sked & postcard n 19 mo. after 2 f-ups & 2 ircs. (Cichorek-NJ).  
SRI LANKA VoA Relay: 15250 f/d cd in 7 ds. (Weber-OH). f/d in 17 ds (Brown-IL).  
TAIWAN VoFC: 15440 f/d Target area cd w/ sked & sticker in 41 ds. (Leader-IRE).  
TURKEY VoT: 9445 f/d St. Nicholas cd w/ pennant & sked in 26 ds. (AB-Lemke).  
VIETNAM VoV: 15010 f/d cd in 121 ds. (Archer-NC).

EUROPE

- ALBANIA R Tirana: 7065 f/d Museum cd in 54 ds. (Culp-DC).  
AUSTRIA RAI: 6015 f/d cds in 55 & 70 ds. (Lemke-AB). 9550 f/d cd in 86 ds. (Bishop-NY). 9870 f/d cd in 91 ds. (Bishop-NY). 9875 f/d cd in 23 ds. (Miller-CA). f/d cd in 74 ds. (Bishop-NY).  
BELGIUM BRT: 9925 f/d cd in 23 ds. (Miller-CA). f/d cd & stamps in 26 ds. (Levison-PA). f/d cd in 26 ds. (Miller-CA). f/d cd in 32 ds. (PA-Levison). RTEF: 11660 f/d Grand Place cd w/ sticker, pennant & sked in 26 ds for a FF rpt, tape & 2 ircs. (Russell-AL). OST: 8652 f/d white cd in 45 ds for ms & a mailing label. (George-MA).  
BULGARIA R Sofia: 7115 f/d Stadium cd in 71 ds. (Wakefield-IA).  
CZECHOSLOVAKIA R Prague: 5930 f/d Castle cd in 50 ds. (Johnson-CA). f/d cd in 62 ds. (Levison-PA). 7345 f/d cd in 2 wks. (Johnson-ID). 9540 f/d Statue cd in 50 ds. (Johnson-CA). 11685 f/d cd in 50 ds. (Johnson-CA).  
DENMARK R Denmark: 15165 f/d Painting cd in 2½ wks (Johnson-ID). f/d cd in ?? ds. (Levison-PA).  
FINLAND R Finland: 15400 standard n/d Thank you form ltr in 28 ds. (Culp-DC).  
FRANCE RFI: 6175 f/d Hotels cd in 69 ds. (Leader-IRE). 17850 f/d cd w/ sked in 79 ds. (Matsushita-JN). 21645 f/d cds in 102 ds. (NY-Gerstner).  
GERMAN DEM. REP. RBI: 9560 f/d antenna cd in 2 wks. (Johnson-ID). f/d cds w/ goodies in 40 ds. (Lemke-AB). f/d cd w/ goodies in 47 ds. (Lemke-AB). 9730 f/d cd w/ goodies in 38 ds. (Levison-PA). 15145 f/d cd w/ book in 83 ds. (Johnson-CA).  
GERMAN FED. REP. DW: 9605 n/d globe cd in 3 mo. (Fischer-WI). Bayerischer Rundfunk: 6085 p/d sticker in 6 wks for 3 ircs. (Wallace-MA).  
GREAT BRITAIN BBC: 9915 n/d cd in 68 ds for 2 ircs. (Culp-DC). VoA Relay: 15205 f/d cd in 5 ds. (Washburn-ME). 21520 f/d cd in 16 ds. (Jones-TN).



/GREECE/ VoG: 9420 f/d Lions Gate cd in 3 wks. (Johnson-ID). VoA Relay: 15260 f/d cd in 13 ds. (Brown-IL).

/ICELAND/ ISBS: 15659 f/d Thingvellir cd in 18 ds for 2 ircs & a SAE. (Culp-DC). 17558 f/d cd w/ ltr & sked in 15 ds for a tape & \$1. (Cichorek-NJ).

/ITALY/ RAI: 7115 f/d cd in 83 ds for \$1. (Bryant-OK). 15330 f/d cd in 79 ds. (Fischer-WI).

/MALTA/ IBRA Radio: 6100 f/d cd w/ goodies in 27 ds for ms. (Ryan-NY). 7110 f/d cd w/ goodies in 24 ds for \$1. V/S Kimberly Youngren. (Archer-NC).

/NETHERLANDS/ R Nederland: 6165 f/d Festival cd in 37 ds. (Lemke-AB). 9895 f/d cd in 35 ds. (Mahoney-FL). 17605 f/d cd in 14 ds. (Leader-IRE).

/NORWAY/ RNI: 11870 f/d Hydro Labs cd w/ sked in 29 ds. (Leader-IRE). 15310 f/d Oil Well cd in 55 ds. (Brown-IL).

/POLAND/ R Polonia: 7270 f/d Gdansk cd w/ ltr & sked in 60 ds. (Robinson-TN). 11815 f/d Logo cd w/ stickers in 46 ds. (Johnson-CA).

/SPAIN/ REE: 6125 f/d Sevilla cd in 57 ds. (Bishop-NY). 9630 f/d cd w/ book & Sked in 24 ds for an irc. (Cichorek-NJ). f/d cd in 105 ds. (MB-Wright). 11880 f/d cd in 13 ds. (Miller-CA). R Beijing Relay: 9690 p/d Art cd w/ sked in 66 ds. (Lemke-AB).

/SWEDEN/ RSI: 9695 f/d cd w/ sticker & sked in 10 ds. (Lemke-AB). f/d Acid Rain cd in ?? ds. (Brown-IL). 11705 f/d coast cd in 19 ds. (Brown-IL). 17840 f/d cd in 14 ds. (Weber-OH).

/SWITZERLAND/ SRI: 6135 f/d Chur cd in 17 ds. (Brown-IL). 9885 f/d Studio cd w/ sked in 17 ds. (Lemke-AB). f/d cd in 34 ds. (Levison-PA). 15430 f/d cd in 13 ds. (Brown-IL).

/VATICAN CITY/ R Vaticana: 6185 f/d cd in 43 ds for 3 ircs. (Lemke-AB). 9605 f/d St. Peter's cd in 17 ds. (Brown-IL).

#### U.S.S.R.

R Baku: 4785 f/d plain white cd w/ postcards in 308 ds for a RR rpt. (NC-Archer).

R Kiev: 13645 f/d cd in 60 ds. (Wakefield-IA).

R Moscow: 15260-Baku f/d cd in 36 ds. (Evans-TN). 12020-Kenga f/d cd in 63 ds. (Eckert-PA). 9530-Vinnitsa, 15260-Baku, 15480-Orsha f/d cds in from 39 to 51 ds. (Culp-DC). 10670 f/d cd in 37 ds. (Weber-OH). 9610-Lvov, 15180-Komsomolsk-on-Amur, 15320 & 15500-Orsha, 15415-Kenga, 17740-Khabarovsk, 17860-Chita f/d cds in 56 ds. (D'Angelo-PA). 11765-Kenga, 11850-Ryazan, 12015-Yerevan, 15425-Petropavlosk Kamchatsky, 15450-Armavir, 15500-Tbilisi, 17740-Ashkhabad f/d cds in 52 ds. (Archer-NC). 9530 & 9820-Armavir, 9610-Khabarovsk, 9665-Voronezh, 9710-Simferopol, 9765 & 11750-Lvov, 9865-Serpukhov, 9895 & 12030-Petropavlosk Kamchatsky, 12060-Kenga, 15260-Baku, 15320-Orsha, 17740-Ashkhabad f/d cds in 39 to 56 ds. (Archer-NC).

RSP&P: 15140-Tbilisi f/d cd in 45 ds. (Culp-DC).

R Tashkent: 11785 f/d cd w/ goodies in 332 ds. (Cichorek-NJ). 15460 f/d cd w/ sked in 30 ds. (Culp-DC).

R Yerevan: 4990 Home Service, p/d white cd in 210 ds. (Flynn-CA). 11790 f/d cd in 280 ds after 2 f-ups. (Eckert-PA). 15510 f/d cd in 64 ds for a RR rpt & 2 ircs. (Pagano-DC).

#### NORTH AMERICA

/ALASKA/ KNLS: 7355 f/d Studio cd w/ sked & sticker in 14 ds for ms. (Lemke-AB). 9750 f/d cd in 24 ds. (Wright-MB).

/CANADA/ CFVP: 6030 p/d cd in 21 ds for \$1. (Weber-OH). CHU: 7335 n/d cd in 60 ds. (Fischer-WI). CKZN: 6160 p/d folder cd in 16 ds for an irc. (Culp-DC). RCI: 5960 f/d cd in 9 ds. (Washburn-ME). f/d cd in 22 ds. (Bishop-NY). 11955 f/d cd w/ pennant & sticker in 10 ds. (Gerstner-NY). 17820 f/d cd in 6 ds. (Lemke-AB). R Japan Relay: 5960 n/d Mt Fuji cd in 28 ds. (Bishop-NY). n/d cd in 35 ds. (Bishop-NY). n/d cd in 40 ds. (Bishop-NY). n/d cd in 43 ds. (Bishop-NY).

/COSTA RICA/ R Reloj: 4832 p/d Globe/Logo cd in 14 ds for a SS rpt & ms V/S Francisco Barabona G. (Ryan-NY). RFPI: 7375 f/d Logo cd w/ ltr in 23 ds for ms. (Ryan-NY).

/CUBA/ R Rebelde: 5025 p/d cd w/ ltr, pennants & sked in 100 ds for a SS rpt. V/S Jorge Luis Mas Zabala. (Archer-NC).

DOMINICAN REP./ HIN: 2440 (harmonic) f/d ltr w/ sked & postcards in 22 ds for a SS rpt & \$1. V/S Eduardo Guerrero. (Bryant-OK).  
R Amanacer: 6025 p/d cd w/ ltr in 21 ds after f-up for a SS rpt & ms. (D'Angelo-PA). p/d ltr w/ postcard in 169 ds for a SS rpt & ms. V/S Socrates Dominguez. (George-MA). p/d Botanical Garden cd w/ ltr in 206 ds for a SS rpt & \$1. (Forsgren-WI).

GUATEMALA/ R Chortis: 3380 n/d cd in 135 ds for a SS rpt, ms & a SAE. V/S Padre Juan Maria Boxus. (Archer-NC). R K'ekchi': 4845 f/d pfc in 107 ds for a SS rpt & ms. V/S David Daniell. (Archer-NC).

MEXICO/ XEU: 6020 p/d personal ltr w/ pennant & goodies in 240 ds after 2 f-ups for a SS rpt & ms. (Mahoney-FL). p/d ltr w/ pennant & goodies in 579 ds for a SS rpt & \$1. (Coday-CA). p/d ltr w/ pennant, postcard & sked in 802 ds for a SS rpt & ms. V/S Ing. Baltazar Pazos de la Torre. (George-NC). R UNAM: 9600 p/d ltr w/ postcard in 33 ds for a SS rpt & a SASE. V/S Ing. Eusebio Mejia Maldonado. (Mahoney-FL).

NETHERLANDS ANTILLES/ TWR: 9535 f/d cd w/ ltr & sked in 15 ds. (Lemke-AB). 11815 f/d cd w/ sked in 14 ds. (Wakefield-IA).

NICARAGUA/ R Zinica: 6120.5 f/d pfc w/ ltr & decal in 51 ds for a SS rpt & \$1. V/S Arturo J. Valdez R. (Archer-NC).

UNITED STATES/ AFRTS: 15330 f/d cd w/ sked in 19 ds. (Lemke-AB). KUSW: 9815 p/d cd w/ goodies in 26 ds for an irc. (Lemke-AB). 9850 f/d cd in 39 ds for ms. (Weber-OH). 15225 & 17715 p/d cd w/ goodies in 22 ds. (Lemke-AB). 15580 p/d cd in 41 ds for a SASE. (Culp-DC). 17715 p/d in 19 ds. (Lemke-AB). VoA: 17785 f/d cd w/ goodies in 22 ds. (Lemke-AB). 17800 f/d cd & goodies in 14 ds. (Lemke-AB). VOFC Relay: 5985 f/d cd & sticker in 24 ds. (Levison-PA). p/d cd & goodies in 29 ds. (Fischer-WI). p/d cd & goodies in 3 ds. (Lemke-AB). f/d cd & sticker in 39 ds. (Levison-PA). p/d cd & stickers in 42 ds. (Lemke-AB). f/d cd w/ goodies in 44 ds. (Levison-PA). WMLK: 9455 f/d ltr w/ sked in 62 ds for ms. (Ryan-NY). WRNO: 11965 p/d cd in 9 ds for ms. (Weber-OH). 13760 p/d cd in 83 ds. (Lemke-AB). WWV: 5000 f/d cd in 30 ds. (Fischer-WI). 10000 f/d cd in 12 ds for SASE-returned. (Culp-DC). WYFR: 13695 f/d cd in 39 ds for ms. (Lemke-AB). 17612.5 f/d cd w/ sked in 22 ds. (Lemke-AB).

#### OCEANIA

AUSTRALIA/ R Australia: 9580 f/d platypus cd w/ sticker in 25 ds. (CA-Johnson). f/d Bicentennial cd in 168 ds for an irc. (Kline-CA). f/d cd in 179 ds. (Westenhaver-PQ). 9645 f/d Lyrebirds cd w/ sticker in 27 ds. (D'Angelo-PA). 17795 f/d cd & sticker in 39 ds. (Levison-PA). VLM 4: 4920 f/d copy of QSL card w/ sticker in 30 ds for \$1. (Bryant-OK)...you'd think that they could do better than that???

NSC Time Station: 12982 n/d form ltr & info in 127 ds for an irc (D'Angelo-PA).

FRENCH POLYNESIA/ RFO: 11825 f/d Butterflies cd w/ coverage map & sked in 42 ds for a FF rpt, tape & \$1. (Washburn-ME).

HAWAII/ WWVH: 10000 p/d folder cd in 12 ds for a SASE-returned. (Culp-DC)

KIRIBATI/ R Kiribati: 14802 f/d Thatc cd in 33 ds for 2 ircs. (Russell-AL). f/d cd in 35 ds for 2 ircs. V/S Mrs. T. Paeniu. (D'Angelo-PA). f/d Shark cd in 60 ds for \$1. (Coday-CA).

MARIANAS ISLANDS/ KPBS: 11980 f/d Map cd & sked in 36 ds for ms. (IA-Wakefield). KSDA: 11980 f/d cd w/ pennant & stuff in 37 ds for \$1. (George-MA). KYOI: 11900 n/d WCSN cd w/ sked in 66 ds. (Wright-MB). 3 n/d cds in 3 mo. (Wallace-MA).

MARSHALL ISLANDS/ WSZO: 4940 p/d ltr in 342 ds for ms. V/S Peter Boon (Johnson-CA).

NEW ZEALAND/ RNZI: 9540 f/d Rugby cd in 20 ds for a tape & 4 ircs. (ME-Washburn). f/d cd w/ goodies in 35 ds for 2 ircs. (Robinson-TN). 15160 f/d cd w/ goodies in 88 ds after f-up for a tape & 3 ircs. (Cichorek-NJ).

Not enough room left, so "To be continued next month!" See, this is what I get for going away and missing a column! Great stuff to- congrats to all for the great showing. Next month make sure and check out the Papua New Guinea section- huge selection of stations reported. I may have to put the ute QSLs into their own section as they seem to be lost among the SWBC QSLs. 73, see you next month, and have a great Thanksgiving.

*Ray*

GRÊMIO DOS RADÍOFILOS DA COLÔNIA DE MOÇAMBIQUE  
CAIXA POSTAL 594  
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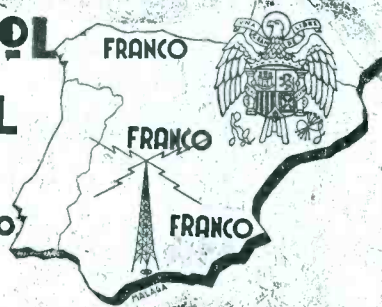
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DE MÁLAGA**

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**SP19  
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**THIS CONFIRMS YOUR REPORT RECEIVED ON... Sept. 24, 1938.**

**SCHEDULES**

**QRG: 15120KC  
TNX QSL**

Daily:  
23.00-2.00 G.M.T.

**POWER 5 KW  
73**

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**ANARCON '87 HIGHLIGHTS**

by Tom Kephart  
SPEEDX Managing Editor

TORONTO - The twenty-second annual convention of the Association of North American Radio Clubs (ANARC) took place in Mississauga, Ontario, this year. The convention, which was held over the weekend of July 17-19, was sponsored by the Ontario DX Association.

This year's event started earlier than any previous ANARC get-together, with a Thursday evening "Early Bird" reception. By the time of the official opening Friday night, the majority of attendees had already been discussing DX topics for twenty-four hours!

As always, a fair number of shortwave broadcasters and equipment dealers were in attendance, to the pleasure of the roughly 200 hobbyists who had a chance to visit with them. Opinions on popular (and not so popular) programming, equipment, and publications were traded back and forth throughout the weekend.

Broadcasting organizations that were represented included VOA, Radio Canada International, Swiss Radio International, Radio Earth, WCSN-Christian Science Monitor, Voice of Free China, Radio Discovery, Radio Netherlands, BBC, Deutsche Welle, HCJB, and Belgian Radio and Television. A telegram of regret was received by the convention committee shortly before the weekend from the staff of Radio Beijing... maybe next year.

ANARC member clubs also had displays of magazines, special publications, photographs, and other club materials. SPEEDX was joined in the exhibits hall by ASWLC, National Radio Club, Ontario DX

Association, Canadian International DX Club, Association of Clandestine Enthusiasts, Michigan Area Radio Enthusiasts, Canadian Radio Relay League, IRCA, Association of DX Reporters, and Club Ondes Courtes du Quebec.

For the third straight year, SPEEDX had one of the highest numbers of members present at the convention. We counted 25 SPEEDXers, plus two new members signed up at the display table on Saturday. A list of "The Mississauga Twenty-Seven" is at the bottom of this page.

The annual ANARC raffle included some new prizes this year, including a trip for two aboard the "DX Cruise", scheduled for October of this year, and ICOM R-7TA, and two Sangean receivers. The cruise berths were donated by a travel agency in New York which has arranged for a rather unique experience for radio monitors. See the related article for more details about the "DX Cruise".

It was, as always, fun to get together and debate the "hot topics" of the hobby. Is propagation really improving? What can be done about overcrowding of the bands? Should I buy a new receiver? How much would the customs duty be to bring it back into the US? Can "serial number collecting" be a fun and profitable hobby? Few of these questions were resolved completely, so we'll have to try again next summer. The 1988 ANARCON will be held in Huntington Beach, California (yes, that's right, West Coast types), and will be sponsored by ASWLC. Watch for information in "Keynotes" as soon as it becomes available.

**SPEEDXers at ANARCON '87**

John Summers  
David Jones  
Ted Fleischaker  
Frank Mezek  
Tom Kephart

Ruth Hesch  
Bill Westenhaver  
Tom Sable  
George Neff  
Bob Evans  
Larry McKinney  
Sandy Manning  
Michael Schulsinger

Joe LoTurco  
Doreen Kephart  
William Olsen  
Robert Ross  
Niel Wolfish  
Geoff Shanklin  
Chuck Rippel  
Bob Brown

Nigel Pimblett  
Mike Agner  
Ed Janusz  
Steven R. Lare  
Mark R. Stacy  
Bill Edwards

## SHORT STOPS

• David Sharp's final "DX Montage" appears this month. It's his 51st for the club, and we thank David very much for his dedication and hard work. He will be continuing to serve as Publicity Chairman, and will also continue on the Board of Directors. He was elected to a four-year term in 1985.

• Replacing the "DX Montage" column will be an expanded version of

"Keynotes". The new column will begin on the front cover of every issue, and continue inside for four to six pages. I will be editing this column, so begin sending all of the material you have been sending to David along to me, effective immediately. David will be forwarding all of the material he has, so I will have everything which hasn't already appeared in "DX Montage".

• Some very good news from publishing headquarters! Al Quaglieri is having the magazine printed in a new way which

will save us about 30 percent of more in printing costs each month. This will probably mean a few extra pages here and there. It also won't hurt plans for a new "USSR" column, and my plans for a European DX Contest this fall. Stay tuned for the scoop on these exciting developments...

• Become a writer with a by-line! Send those original articles and newspaper clippings along today! Best of DX and I'll see you in 30 or so.

*Tom*

## KEYNOTES

Tom Kephart  
14 G Kensington Circle  
Mt Pleasant, MI 48858

### "DX CRUISE" SAILS IN OCT.

Warren Buckner of Gayety Travel Service in Brooklyn, New York, announced a unique opportunity for radio monitors at the 1988 ANARC convention. A cruise to the Caribbean, will leave San Juan, Puerto Rico, on October 10, 1987, and will visit Caracas, Grenada, Barbados, Martinique and St. Thomas, plus other islands during the one-week cruise. The special part is that a block of cabins has been reserved especially for radio monitors! Plus, Ian McFarland of Radio Canada International and Larry Magne, editor of Radio Database International, will be on board to present lectures and participate in question and answer sessions.

SPEEDX has no financial interest in this cruise, and no direct endorsement should be implied. However, the unusual nature of this offer makes it worth mentioning. If you would like more information about the "DX Cruise", please contact Gayety Travel at 2415 Ralph Avenue, Brooklyn, NY 11234, or call collect (718) 531-3000.

### SILENT KEY

The radio monitoring family lost a good friend recently with the death of Hobart C. "Bart" Beal. Bart was 66.

He served in the U.S. Army during World War II, and was stationed in Panama, Africa and Italy. After the war, he remained on active duty, travelling to posts throughout

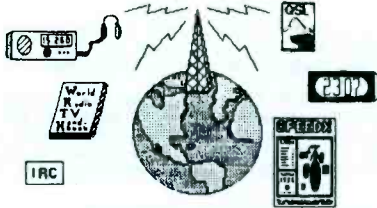
the U.S., Japan and Alaska.

During these years, Bart began his interest in radio monitoring, which grew after his retirement in 1960. He also collected stamps and coins and was a writer of short stories. Bart was a longtime SPEEDX member, an active contributor who held Full Member status.

### REVIEW OF INTERNATIONAL BROADCASTING

There are probably few people who have had any experience listening to shortwave radio who haven't heard the name Glenn Hauser at least once. Glenn is the host of "World of Radio", heard weekly over WRNO. He also contributes regularly to RCI's "SWL Digest", Radio Netherlands "MediaNetwork", and other DX-related programs.

Glenn also produces two fine monthly publications, Review of International Broadcasting (which features commentary and programming notes) and DX Listening Digest (concentrating on schedules and station information). A regular one-year subscription is \$20 for either one or \$38 for both. But now there's a optional new offer: \$10 for five issues of either one or \$20 for five issues of both. Prices are to North American mailing addresses only. Write to Glenn at Post Office Box 490756, Fort Lauderdale, FL 33349. Tell him SPEEDX sent you!



# DX Montage

The Feature Pages of SPEEDX

o o o

David Sharp  
 3024 Gates Drive, Apt. 358  
 Tampa, FL 33613

AUGUST, 1987

As someone more wise than myself once stated, "All good things must come to an end." And with this, my 51st column for SPEEDX, so ends my editorship for the club. I suspect some of you will be surprised by this announcement, and I wouldn't be surprised if some of the "muck-raker" editors which grace the shortwave hobby scene even feel compelled to begin some "David Sharp hates SPEEDX..." rumors. Well, let me squash them before they begin, because nothing would be farther from the truth. While not divulging into my own personal life and present circumstances, let me say that I had contemplated this decision for quite awhile. I had hoped to continue doing the column, but recent events, including the sale of the radio station at which I'm employed, have all contributed to my final decision.

Most of you also know that I wear many hats for SPEEDX; in addition to this column, I'm also on the Board of Directors, the club's ANARC Representative, and the club's Publicity Chairman. Needless to say, I was beginning to feel as though I were being tugged in several directions at one time. I would not describe my situation as one of being "burned-out;" I think it is merely a matter of readjusting my priorities. It goes without saying that my personal life and career must come before SPEEDX. In fact, the club is probably number 5 or six on my list of priorities. So, whether the new management at WPLA keeps me or sweeps me out the door, I hope you understand that my personal life must come first. Having made that realization, I then had to consider priorities within SPEEDX. Although I enjoy editing DXM, I came to the conclusion that my BOD work and publicity efforts were more important in helping to recruit members in these hard times. I also felt I should continue as the ANARC representative, so that SPEEDX interests will get the attention they deserve. And, of course, I just want to have some time to DX again.

I also want to publicly state that on behalf of SPEEDX, I (and World Radio Network) have put in a bid for ANARCon 1989. Should our bid be accepted, I'll also have to devote much of my energies in that direction, too. Why did I tell you these things? Because I felt like I owed the club an explanation. Over the years, I've gotten wonderful support from SPEEDX, and I didn't want to resign my editorship without an "open letter" to each and every one of you. I'll still be active in the club, with all my other duties, so don't you dare think I'm going to jump ship. SPEEDX couldn't get rid of me that easily, hi.

It's BOD Election Time: This year, 15 folks were nominated for BOD positions. Six of the nominees declined nomination. They are:

MIKE HARDESTER, DON JOHNSON, BOB MOSER, DAVID THORNE, JOHN TRAUTSCHOLD, JACK SANDERSON. In addition, as of press time, no word has been received from: WOODY SEYMOUR and WILLIAM WEST-ENHAVER.

Seven of the nominees, however, have decided to run. Their statements follow, in alphabetical order:

**RALPH S. BOWDEN:** In the event I am elected to a term on the SPEEDX Board of Directors, I would endeavor to fulfill my duties as a SPEEDX Director in a responsible and proper manner. I would gladly take part in any discussion by mail, or by telephone, of any subject matter of issue which comes before Board for consideration of decisive action. I will serve SPEEDX members to the best of my ability. Ralph S. Bowden, Station Skeds Editor.

**RICHARD A. D'ANGELO:** Thank you for the nomination to the SPEEDX Board of Directors. I have been an active DXer for over 20 years and an active SPEEDXer since 1973. Being active in many different DX clubs over the years has enabled me to see what succeeds and what fails. This hobby experience can be beneficial to SPEEDX. [Con't on next page...ds]

FULL MEMBERS....PLEASE TAKE THE TIME TO VOTE THIS YEAR!





Radio Discovery Announces Agreement with RTVD: World Radio Network, S.A., owner of Radio Discovery in the Dominican Republic, announced that Radio Discovery will undergo a major transformation this month.

Speaking at the 1987 ANARC Convention in Toronto, Jeff White, Executive Vice President of World Radio Network, explained that his company had just concluded a major agreement with the official station of the Dominican Government, Radiotelevision Dominicana (RTVD-- or in English, Dominican Radio and Television). Under the terms of the agreement, RTVD will be leasing almost all of the airtime on the shortwave transmission facilities of Radio Discovery, in order to relay RTVD's domestic radio service internationally. In addition, World Radio Network will produce daily English and Spanish programs designed especially for the international office.

The new programs, called "This is Santo Domingo" in English, and "Esto es Santo Domingo" in Spanish, will pre-empt RTVD's domestic service programming during certain hours on the SW service only. Although subject to change, the station plans to use 15045 kHz from 0900 to 0500 UTC daily.

White said that Radio Discovery listeners will not find drastic changes in the overall sound of the station because Radio Discovery has already been relaying some RTVD programming as a public service for several months. "The main changes they will note," said White, "are that the station will be on the air for many more hours per day, and that 'This is Santo Domingo' will offer a lot more up-to-date news, information and music from the Dominican Republic. Also, since we're moving the station into the RTVD facilities, we'll have emergency power available to keep us on the air during power outages in Santo Domingo."

The international service programs will be produced by Jeff White, World Radio Network President Rudy Espinal, and Operations Manager Pedro Estrella. "This is a very unique arrangement," noted White. "What we have here is a government-owned radio station contracting with a privately-owned company to operate its international shortwave service. That will go a long way toward ensuring objective program content and international credibility. Also, RTVD International may well be the first government-owned shortwave station which offers private, public and government-owned companies and organizations in any country an opportunity to purchase advertising time. We're going to make RTVD International a very innovative station." [Thanks to Jeff White for this information. ds]

In A Radio Moscow Program Guide, sent to me by Bill Romberg, I was amused to see a listing for "Warmongers' Monthly." As Radio Moscow describes the program, it is "a program that highlights the 'exploits' of those who regard wars as a normal state of things." Could have fooled me, I thought it was a new magazine available at your local news stand...but I guess I was wrong, hl ds. [Just a reminder that station frequency schedules need to go to Ralph Bowden, and station program details should go to Woody Seymour. ds]

Audubon Society Halts TV Tower: The National Audubon Society has filed suit to halt construction of a 1,249-foot television tower it says would be a hazard to endangered wood storks. The proposed tower would be in the wood stork's path when the birds fly from their nesting colony at the Corkscrew Swamp Wildlife Sanctuary to their swampland feeding grounds six miles away, the environmental organization said. The tower site is 2.5 miles south of the sanctuary, which is about 27 miles southeast of Fort Myers, Florida.

The Lee County Circuit Court suit seeks to overturn an earlier decision by the county's zoning board that approved plans for the tower to be built by WEVU, a Naples TV station. [From Jack Heaton-FL and The St. Petersburg Times. ds]

Your Editor... recently received a query from our good friend, Robert Fraser-MA, with regards to a radio. He states: "The latest Grove catalog lists a new Sony radio and I am writing to ask if you know anything about it or if anyone has tried it out. It is a Sony ICF PRO-80 which, according to the blurb, can receive continuously from 150 kHz to 108 MHz and with an inexpensive (thier words) add-on, can go as high as 216 MHz. It resembles a cordless telephone or those portable programmable scanners of Radio Shack. And it seems to be about the same size.

What I would like to know about this Sony radio is, is it a reasonable DX receiver or does it just give you a lot of numbers on the screen and little else? Also, how fine-tuned can it be...down to 1 kHz on LW, MW and SW, and at least 15 kHz on the VHF and UHF bands?" [Okay gang...I've never used this radio, much less heard of it. If you can help, please send your objective comments to Bob at: 50 Todd Road, Cohasset, MA 02025. Drop me a nota and let me know if you get the radio, Bob! ds.]

About The Column: As I have mentioned elsewhere, this is my 51st column for SPEEDX. My first column appeared way back in May, 1983, on the back inside cover of the magazine. The column, in the beginning was intended to be entirely tongue-and-cheek, but it soon became evident that DX' would fill a bigger void, and since that time we've covered almost every radio (and communications) topic imaginable. Some people have asked why the humorous anecdotes at the end of my column were called "Cracker Country." Well, very simply put, people from Florida are called "crackers," so "Cracker Country" was just a different way of saying "Florida Country." I know that with that revelation, I probably squashed some interesting rumors, but it was nothing more, nothing less. My very first contributor was one Larry Talbot....



# PROGRAM PANORAMA

woody seymour, jr.

p.o. box 848

sanford, nc 27330

BBC WORLD SERVICE REGULAR PROGRAMS, via London Calling August 1987

## World News

Broadcast daily in the World Service 0000, 0200, 0300, 0400, 0500, 0600, 0700, 0800, 0900, 1100, 1300, 1600, 1700, 1800, 2000, 2200, 2300 News summary 0100, 1000, 1400, 1900, 2100

## Newsdesk

A half-hour programme including World News and despatches from overseas and UK correspondents daily 0400, 0600, 1800

## Radio Newsreel

News of events as they happen and despatches from BBC correspondents all over the world daily 0015, 0215 (South Asia), 1200 (ex Sune), 1500

## News about Britain

Daily 0009, 0309, 1109

## Twenty-Four Hours

Analysis of the main news of the day daily 0509, 0709, 1309, 2009

## British Press

### Review

Survey of editorial opinion in the Press daily 0209, 0909

## The World Today

Examines thoroughly one topical aspect of the international scene *Mons to Fris 1645 rep 2209, Tues to Fris 0145 (South Asia), Tues to Sats 0315, 0545, 0915*

## Commentary

Background to the news from a wide range of specialists daily 1609, 2309

## Outlook

An up-to-the-minute look at people, events and opinions together with the latest UK news, sport and weather *Mons to Fris 1400, 1900, Tues to Sats 0100*

## Financial News

Including news of commodity prices and significant moves in currency and stock markets *Mons to Fris 2230 rep Tues to Sats 0450, Mons to Sats 0930*

## Financial Review

A look back at the financial week *Suns 0450, rep 2230*

## Stock Market

### Report

*Mons to Fris 1939*

Album Time - presented by Ken Bruce *Sats 1715 rep Suns 0230, Mons 1130*

Anything Goes - a variety of music and much more. Write to Bob Innes at World Service *Sats 2330 rep Mons 0330, 0830*

Book Choice - four editions each week: *Mons 1700 rep Mons 2225, Tues 0540;*

*Tues 2110 rep Weds 0440, Weds 1740;*

*Thurs 0140 rep Thurs 2101; Fris 1045*

*rep Sats 1700 Suns 2225*

Business Matters - a weekly survey of commercial and financial news *Thurs 2030 rep*

*Fris 0330, 1030*

Classical Record Review - Edward Greenfield reviews new releases *Suns 1015, rep*

*Weds 0815, Thurs 0430*

Development '87 - reflecting aid and development issues *Tues 1830 rep Weds*

*0730, 1330*

The Farming World - *Weds 1225 rep Thurs*

*0640, 2340*

From Our Own Correspondent - BBC correspondents comment on the background to the news *Sats 2209 rep Suns 0315, 0730, 1115*

From the Weeklies - a review of the British weekly press *Fris 2315 rep Sats 0730*

Good Books - recommendation of a book to read *Mons 0315 rep 0915, Weds 1945*

In the Meantime - what's new on World Service *0630, Fri 2110, rep Fris 0150, 1115*

Jazz for the Asking - Peter Clayton plays listeners' jazz requests *Sats 2030 rep Suns*

*0630, Fri 1215*

John Peel - selects tracks from newly released albums and singles from the contemporary music scene around the world *Tues*

*0330 rep Thurs 0830, Fris 1330*

A Jolly Good Show - Dave Lee Travis presents your record requests, the enquiry desk and the album of the month *Sats 0815*

*rep Tues 1515, Thurs 2115*

A Letter from... - explores a theme arising from the week's events in Scotland, Wales, England and Northern Ireland in turn *Tues-*

*Fris 1125 rep 1709, 2225*

Letter from America - by Alistair Cooke *Sats*

*1015 rep Suns 0245, 1645, 2315*

Look Ahead - previews programmes for the day *0939 (ex Sune)*

Merchant Navy Programme - *Thurs 2315*

*rep Fris 0745, 1015*

Meridian - each week, three topical programmes about the world of the arts *Sats, Weds, Fris 0630; Sats, Weds, Fris 1130; Suns, Tues, Thurs 1715*

Multitrack - all the latest news and music on the British pop scene *Mons, Weds, Fris*

*1830 rep Mons, Weds, Fris 2330; Tues, Thurs, Sats 1215*

Music Now - presented by John Amis *Fris*

*0030 rep 0830, 2115*

Nature Notebook - *Fris 1445 rep Sats*

*0145, 2315, Mons 0530*

Network UK - looks behind the issues and events that affect the lives of people throughout the United Kingdom. Three editions each week *Mons, Weds: Fris 2101*

*rep Tues, Thurs, Sats 0215, 0745, 1330*

New Ideas - a radio shop window for new products and inventions *Sats 2230 rep*

*Tues 0530, Weds 1730, Thurs 1115*

Omnibus - each week a half-hour programme on practically any topic under the sun *Tues*

*1615 rep 2030; Wed 0030, 1001*

The Pleasure's Yours - write to Gordon Clyde for your classical music requests *Suns*

*0815 rep 2115, Thurs 1515*

Recording of the Week - a personal choice from the new releases *Sats 0045 rep Mons*

*0545, Tues 1345, Weds 2145*

Reflections - a daily consideration of the meeting point between religion and life daily

*0445 rep 0809, 2240, Suns only, 1709*

Religious Services - to mark the diamond jubilee year of the Royal School of Church Music, from its headquarters at Addington Palace, South London. Address by the school's director, Dr Lorne Dakers 2nd, by Rev John Fraser, preacher; Rev David Graham

16th, from Poynton Methodist Church, Stockport; Cheshire conducted by the minister the Rev David Emson 23rd, from St James's Church, Piccadilly, London led by the vicar, the Rev Donald Reeves 30th.

*Suns 1030 rep Mons 0030*

Report on Religion - a weekly magazine of religious news and views *Tues 1945, rep*

*Weds 0120, 0530, 1445*

Saturday Special - the weekly sports magazine *Sats 1345, 1515, 1615*

Society Today - a look at the changing face of Britain, and especially at the social trends behind the news *Fris 1945 rep Sats 0030, 0530, 0845*

Sports International - *Mons 2030 rep Tues*

*0230, 1130*

Sports Roundup - daily *1245 (ex Sune),*

*1745, 2245, Suns 1330*

The Tony Myatt Request Show - *Suns*

*1345*

The Vintage Chart Show - past Top Ten hits with Jimmy Savile *Sats 0330, rep Mons*

*1030, 2130*

Waveguide - how to hear us better *Suns*

*0750, Mons 0450, Tues 1115, Thurs 1030*

Write On... - put your points to Paddy Feeny *Weds 2315, Thurs 1445, Fris 0730*

Program Panorama has not gone into summer reruns. Last month's column and this month's column were caused by two of life's emergencies--broken typewriter last month and illness this month. With any luck, we will present two pages of your program contributions next month. Thanks for the good support and enjoy the rest of your summer! Hope that the BBC program information is of good use to you in your listening!

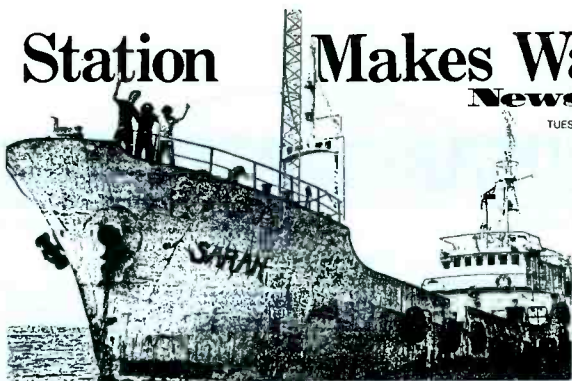
Good listening! <sup>1</sup> 5



# Station Makes Waves

## Newsday

TUESDAY, JULY 28, 1987



By Cope Moyers

Newsday Staff Correspondent

Aboard the Sarah in International Waters off Long Island — With their rusting ship held firmly by a 10,000-pound anchor they can't retrieve, the crew of a ship operating a pirate radio station vowed yesterday to resist any effort to take them off the air.

The defiant crew members, citing their First Amendment right of free speech while insisting they are immune from federal regulations because they are in international waters, said they would expand operations and begin selling commercial time soon.

But their plans could be cut short by the Federal Communications Commission, which has cited crew members for operating a radio station without a license. An FCC spokeswoman, Maureen Peratino, said officials expect an international jurisdictional question on the ship to be cleared up today. Once it is resolved, the FCC believes it can halt the station's broadcasts based on a 1970 case involving a ship in waters off of New Jersey.

"This ship is doing nothing illegal, nothing wrong, and won't move," said Randi Steele, 30, of Queens, who is behind the attempt to avoid government regulation by operating a station in international waters about 4½ miles off Long Beach in the Atlantic Ocean. Steele is a pseudonym.

"No government agency will be permitted aboard our ship," he said. Steele said the anchor weighed 10,000 pounds and said the ship did not have a winch strong enough to pull it up. "We will resist anybody's attempt to curtail our freedom of speech."

However, Steele, who describes himself as a pacifist, and his crew probably won't have to worry about intervention for at least another day.

In an international twist to what's becoming a high seas drama, officials said yesterday they cannot move against the ship, which is registered in Honduras, until receiving permission from the Honduran government.

The Federal Communications Commission filed for a "statement of no objection" from the Honduran government through the State Department yesterday to get permission to take action against the crew for operating the 1,000-watt radio station without a license, authorities said.

"If this were a U.S. vessel, we would have no problem boarding," said Lt. Orlando Arenas, operations officer at the U.S. Coast Guard Station in Moriches. "If we violate the rights of a vessel, we're opening ourselves to having a U.S. vessel have the same happen to it. It's a delicate issue."

The station is staffed full time, usually by Steele, the program director and a disc jockey from Brooklyn. The station, which began broadcasting late last week, is on the air a few hours in the evening — when the signal has a longer range.

It carries rock n' roll classics from the 1960s and 1970s and offers a variety of alternative programming, sometimes with a theme. On a recent night, for example, a program included a selection of peace songs such as "Give Peace a Chance."

Yesterday, the crew's defiance, and the U.S. government's reluctance to try to halt the broadcasts, was in marked contrast to relations between the two sides over the weekend.

On Saturday, members of the FCC, the Immigration and Naturalization Service, the Customs Service and the Coast Guard boarded the vessel without incident to inspect it and warn its crew members they were broadcasting illegally.

Despite the warning, the crew, which calls itself Radio New York International, or RNI, has continued broadcasting at nights on 1620 AM and 103.1 FM. Using a 103-foot antenna secured to the deck with a series of guy wires, the signal has been received as far away as Florida and Michigan, FCC officials said.

It was unclear yesterday why government officials appeared reluctant to board the vessel a second time.

Crew members said yesterday they registered the ship with Honduras in hopes that would stymie the FCC and help keep the station on the air. Records show the 27-year-old ship, which was purchased in Boston for about \$50,000, received its Honduran registry July 3.

"It appears it has provisional registry, which means they have begun the process, but the final registration hasn't been approved yet," said a State Department official. "Once we get the information on the registry, the FCC will go to the Justice Department" to seek enforcement.

FCC records show that one of the crewmen, Allan Weiner of Maine, was prosecuted by the FCC for operating unlicensed radio stations in Maine and New York in 1971 and 1984.

While the government scrambled to clear diplomatic channels and build its case, Weiner and the rest of the crew passed the day apparently unconcerned about the attention they were getting.

Weiner, the station's engineer, tinkered with equipment he admitted was "less than state of the art." The equipment is bolted to the floor in the ship's massive hold, where a faint fishy smell alludes to previous trips with a different cargo.

(Continued on P. 43)



# Station Skeds

WORLDWIDE  
COVERAGE



DAYS AUGUST, 1987 GAIN (dB)  
POWER (kW) AZIMUTH (AZ°)  
TIMES (UTC) ELEVATION (EL°)  
LANGUAGES (LG) RELAY SITES (RL)  
FREQUENCIES (FREQ) TARGET AREAS (TAR)

ARGENTINA: R. ARGENTINA EXTERIOR  
(RAE), BUENOS AIRES, LATEST INFO:

	LG	TAR	kW
2100-2200	EG	SAm	100
0100-0200	9690	"	100
0100-0200	11710	NAm	100
0400-0500	9690	SAm	100
0400-0500	11710	NAm	100

(J-87. E. Janusz, NJ. L. Johnson, CA.)

BRASIL: RADIO NACIONAL DO BRASIL,  
BRASILIA, J-87 SCHEDULE:

	LG	TAR	kW
1700-1800	15390	PT Eur,NAf	250
1800-1900	15265	EG Eur,NAf	250
1900-2000	15265	GM WEur	250
2000-2100	11765	FR Eur,Waf	250
2100-2200	9760	PT SAF,SEAF	250
2200-0200	9760	NsAm	250
0000-0100	9655	SP SAm	250
0100-0200	11745	" Mex,NSAm	250
0200-0300	11745	EG USA,Car	250

(THFBS, 1FRB, ITU, J-87. BBC, MS, WBI, 4-10-87.)

BURKINA FASO: RADIODIFFUSION T.V.  
BURKINA, VIA OUAGADOUGOU RELAY, G.C.  
01°31'W/12°22'N, or BOBO DIOLASSO RELAY,  
G.C. 04°17'W/11°10'N, J-87 SEASON,  
FRENCH, ENGLISH AND NATIONAL LANGUAGES:

	TAR	kW	RL
0800-2400	6045 WAF	50	0
0800-1700	7230 "	50	0
0800-2200	7280 WEur,ME	100	0
0800-1700	9515 WAF	50	0
0800-1700	11815 "	50	0
0800-2200	17770 WEur	250	0
1900-2300	17780 SAF	100	B
2300-0200	17830 USA	250	0

(THFBS, 1FRB, ITU, J-87. J-87 ILG.  
RELAY CODES: 0=Ouagadougou. B=Bobo  
Diolasso.)

DJIBOUTI: RADIODIFFUSION T.V. DE  
DJIBOUTI, DJIBOUTI, J-87 SEASON:

	LG	TAR	kW
1300-0900	4760	AR/SM AFHorn	20

(J-87 RD1. 1987 ILG.)

DOMINICAN REPUBLIC: R. DISCOVERY,  
SANTO DOMINGO RELAY, FROM 4-1-87:

	LG	TAR	POWER
1800-0100	15045	EG/SP Omni	5,000 W

(DIRECT, WORLD RADIO NETWORK,  
FLORIDA, 6-87.)

CANADA: R. CANADA INTERNATIONAL,  
MONTREAL, J-87 SCHEDULE, BEAMED TO THE  
AMERICAS:

	LG	TAR	DAYS
0000-0030	11940, 9535	EG SAm	1234567
0000-0100	9755, 5960	EP USA	1 7
0030-0100	9755, 5960	FR "	1234567
0030-0100	11940, 11840, 9535	" SAm	1234567
0100-0130	11940, 11845, 9535	EG SAm	1234567
0100-0130	9755, 5960	" USA	23456
0130-0200	9755, 5960	" "	23456
0130-0200	11940, 11845, 9535	SP SAm	1234567
0200-0230	11940, 11845, 9535	PT SAm	23456
0100-0200	9755, 5960	FR USA	1 7
0230-0300	11940, 11845, 9535	SP SAm	23456
1200-1300	17820, 11955, 9625	EG USA	12345
1200-1300	15440, 9650	FR Carib.	12345
1300-1600	15440, 11955	EG "	7
2200-2230	9755, 5960	" USA	1234567
2230-2300	11710, 9755	FR Carib.	1234567
2300-2330	11710, 9755	EG "	1234567
2300-2330	9535, 11950	SP SAm	1234567
2330-2400	11940, 11850, 9755, 9635	PT SAm	1234567
2130-0030	9755, 5960	EG USA	12345

(W. Muzyka, NY. R. Stein, NJ. BBC, MS, WBI, 4-10-87. DIRECT, RCI. F. Trescher, PA.)

CZECHOSLOVAKIA: R. PRAGUE INTERNATIONAL,  
ENGLISH LANGUAGE PROGRAMS, ALL ZONES,  
LATEST INFORMATION:

	TAR
0830-0900	11685, 17840, 21785
1430-1500	9605, 15110, 21505
1630-1655	9605, 1511-. 215-5
1730-1825	9605, 15110, 13715
1800-1830	5930, 7345
1900-2000	5930, 7345
2200-2230	6055
0100-0200	5930, 6015, 6055, 7345, 9740, 11990
0300-0400	5930, 6015, 6055, 7345, 9540, 9630, 9740, 11990
0730-0800	11685, 17840, 21705

(BBC, MS, WBI, 6-87. DIRECT, R. PRAGUE, 6-87.)

STATION SKEDS: PAGE TWO

CUBA: R. HAVANA, ENGLISH LANGUAGE BROADCASTS, J-87 SEASON:

	TAR	kW
1830-2000	11795 U.K., Eur	250
2040-2140	11725 CAm, SAm	50
2040-2140	15230 ESAm	250
0000-0450	6140 CNAm, ENAm	250
0000-0600	6080 ENAm	250
0000-0600	9740 "	500
0200-0600	9525 CNAm, ENAm	50
0400-0600	5965 CAm, Carib	50
0400-0600	6035 CNAm	100
0600-0800	9525 ENAm, CNAm	250

(B. Romberg, WI. DIRECT, RHC.)

GERMANY (FEDERAL REPUBLIC): R. DEUTSCHE WELLE, KOLN, ENGLISH LANGUAGE BROADCASTS, ALL ZONES, J-87 SEASON:

		TAR
0900-0950	9715, 11845, 15185	
	15205, 15410, 17780,	
	21650, 21680	SEAsia
1000-1030	9735, 11765, 15185	C&Eaf
1130-1200	15410, 17800, 21600	NWaf
1500-1550	7225, 9735, 15135,	
	17765, 21600	CEEaf
1610-1650	6170, 7200, 9685	
	17785, 15105, 17875	Indo
1800-1850	7285, 9745, 11785	NEaf
2100-2150	6185, 7130, 9765	SEAsia
0100-0150	6040, 6085, 6145,	
	9545, 9565, 9505	NAm
0200-0250	5995, 6035, 7285,	
	9615, 9690	S&SEAs
0300-0350	5965, 6010, 6045,	
	9545, 0565	NAm
0430-0515	7150, 7225, 9565,	
	9765, 11765	SAf
0500-0550	5960, 6120, 6130,	
	9646, 9700	NAm
0615-0700	9625, 9700, 11765	NWaf

(RDW PROGRAMM, 5-87, INCOMPLETE. D. Jones, TN.)

GERMANY (FEDERAL REPUBLIC): R. LIBERTY, MUNICH, U.S. FACILITY, J-87 SEASON, RUSSIAN LANGUAGE, SELECTIVE PROGRAMS, BEAMED TO ZONE 28:

	kW	RL	DAYS
0955-1855	21735	250	B 1-7
1855-2155	17885	250	H 1-7
2155-2355	9535	250	H 1-7
2159-2355	6050	250	L 1-7
2355-0100	5955	250	H 1-7
0155-0255	11825	250	H 1-7
0325-0755	9680	250	H 1-7
0455-1255	9520	250	H 1-7
0455-0525	7155	250	H 1-7
0555-0525	17720	250	P 1-7
0555-1255	17725	250	G 1-7
0529-0755	7270	250	H 1-7
0659-1500	17895	250	P 1-7
0733-1000	15370	250	H 1-7

(DIRECT, RL, SELECTIVE. F. Trescher, PA. RELAY CODES: B=Biblis, FRG. G=Gloria (Lisbon), Portugal. H=Holzkirchen, FRG. L=Lampertheim, FRG. P=Playa del Pais, Spain.)

GUAM: KTHW, TRANS WORLD RADIO, AGANA, J-87 SEASON, MOSTLY FAR EAST LANGUAGES:

	LG	TAR	kW
0830-0900	RS	NEAsia	100
0900-1200	MD	C&EChina	100
0900-1200	9585	"	100
0855-0930	EG	"	100
0930-1030	11840	WAus, Pac	100
1030-1200	15240	IN SEAus	100
1030-1100	9530	MD SEAsia	100
1100-1200	9820	JP Japan, EAsia	100
1200-1330	9590	MD C&EChina	100
1200-1500	9820	"	100
1200-1500	9750	"	100
1330-1400	9870	"	100
1330-1345	9590	ST	100
1200-1330	9675	JP Japan, EAsia	100
1345-1430	9590	CN C&EAsia	100
1400-1430	9870	TM S&SEAsia	100
1430-1445	9870	AS	100
1445-1500	9870	SA	100
1430-1515	9840	EG	100
2100-2345	11745	MD SEAsia	100
2110-2140	9840	CN C&EChina	100
2140-2155	9840	ST	100
2200-2230	11850	MO	100
2100-2200	11840	JP Japan, EAs	100
2200-2300	9515	IN Indo	100
2300-2330	15420	"	100

(DIRECT, KTHW, 4-30-87. H. Hill, MA. R. Lemke, AB, Canada. LANGUAGES: SA=Santeli. F. Trescher, PA.)

GUAM: ADVENTIST WORLD RADIO, KSDA, VIA AGAT RELAY, J-87 SEASON, 100 kW POWER:

	LG	TAR	DAYS
0800-0900	11980	MD C&EChina	6-7
0900-1000	11700	"	1-7
1000-1100	11980	KR EAsia	1-7
1100-1200	11980	IN Indo	1-7
1200-1300	11980	MR SAsia	1-7
1300-1400	11980	TL	1-7
1400-1500	11980	TM	1-7
1500-1600	11980	HD	1-7
1600-1700	11980	EG	1-7
2100-2200	11700	JP Japan, EAs	6-7
2200-2300	11960	TG Indo	6-7
2300-2400	15125	TH SEAsia	6-7
0000-0100	11700	MD C&EChina	6-7
0100-0200	15125	BS SEAsia	6-7
0200-0500	11700	MD C&EChina	6-7
0500-0800	11980	"	6-7

(DIRECT, KSDA, 4-28-87. R. Lemke, AB, Canada. DAYS: 1=Monday, etc.)

GUATEMALA: R. CULTURAL, GUATEMALA CITY, TGN-TGNA:

	LG	TAR
0445-0800	5955	EG CAm

(P. Wright, MB, Canada.)

KOREA (NORTH): REGIONAL STATIONS, LOCAL SHORTWAVE PROGRAMS, J-87 SEASON:

At 0500-0600 UTC	FREQ	LG
Yanggant	PS, Hyasan	2300 KR
Kanggye	Chagang PS	3960 "
Pyongyang	S Pyongan PS	3350 "
Sinuiju	N. Pyongyang PS	3920 "
Wonsan	Kangwong PS	3920 "

(ILG, 1987. PS=Provincial Service.)

**STATION SKEDS: PAGE THREE**

**MONACO: TRANS WORLD RADIO, MONTE CARLO, INCLUDES TRANS WORLD RADIO, HILVERSUM, NETHERLANDS, J-87 PARTIAL SCHEDULE:**

	LG	TAR	DAYS
0800-0840	7105	EG U.K., WEur	1234567
0805-0820	7205	GM NEur, WEur	1234567
0805-0820	6230	" " " "	1234567
0830-0845	9495	CZ EEur	1234567
0845-0900	9495	HG " " "	1234567
0900-0915	9495	PL NEur, WEur	1234567
1005-1020	6230	GM " " "	1234567
1045-1100	5945	FR WEur	1234567
1200-1215	7204	SP " " "	1234567
1230-1300	7205	MC EEur	67
1255-1425	11635	RS WUSSR	1234567
1330-1400	7205	GM NEur, WEur	1234567
1428-1443	12025	KZ SUSSR	4567
1430-1445	11635	RS WUSSR	1234567
1445-1500	12025	FS Iran, ME	1234 7
1445-1545	11635	RS WUSSR	1234567
1500-1515	12025	KD Iran, Iraq	1234567
1515-1530	12035	TK ME, SEur	1234567
1545-1600	11635	RS WUSSR	123 567
1600-1630	7235	HG EEur	1234567
1630-1645	7235	BG " " "	56
1700-1715	7205	SL " " "	123 567
1700-1730	7355	PL NEur, WEur	1234567
1700-1715	9495	RS WUSSR	1234567
1730-1745	9430	UK " " "	123456
1745-1800	9430	RL " " "	1 56
1800-1830	9495	LN " " "	1234567
1800-1830	9430	RM EEur	1234567
1832-1847	7335	AM SW USSR	1234567
1900-1930	11635	EG WEur, U.K.	1234567
1900-1930	9495	RS WUSSR	1234567
0345-0415	6230	GM NEur, WEur	1234567
0545-0600	11735	AR ME, NAF	1234567
0625-0800	7105	EG WEur, U.K.	1234567

(TWRM, 6-87. DAYS CODES: 1=Monday, etc.)

**NETHERLANDS ANTILLES: TRANS WORLD RADIO, BONAITRE, J-87 SEASON:**

	LG	TAR	kW	DAYS
0920-1000	9535	PT BRZ	250	1234567
1000-1030	9535	GM SAm	250	1234567
1110-1257	11815	EG NAm	50	12345
1110-1332	11815	" " "	50	7
1110-1405	11815	" " "	50	6
2155-0030	11875	PT BRZ	50	1234567
0030-0215	11875	SP SAm	50	1234567
2325-2400	15355	GM " "	250	1234567
0000-0030	15355	PT BRZ	250	1234567
0030-0045	15255	SP SAm	250	7
0655-0930	6145	PT BRZ	50	1
0725-0930	6145	" " "	50	234567
0100-0200	6180	SP Car	250	1234567

(TWRM, DIRECT, 5-2-87. THFBS, IFRB, ITU, J-87. R. Lemke, AB, Canada.)

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**U.S.A.: KVOH, LOS ANGELES, CA., S-87 SEASON, 60% SPANISH, 40% ENGLISH PROGRAMS:**

	LG	TAR	kW
1500-2000	17775	SP Cam	50
2000-0100	17775	EG " "	50
0100-0300	9495	" " "	50

(DIRECT, KVOH, 4-25-87. C. Radtke, CA.)

**U.S.A.: WRNO WORLDWIDE, VIA NEW ORLEANS RELAY, ENGLISH LANGUAGE, J-87 SEASON:**

	TAR	kW	DAYS
1300-1400	9715	3-5, 9	100 7
1500-1700	11965	3-5, 9	100 7
1700-2100	15420	3-5, 9	100 1234567
2100-2230	11705	3-5, 9	100 1234567
2230-2400	9852.5	3-5, 9	100 1234567
0000-0300	7365	3-5, 9	100 1234567
0500-0550	6185	3-5, 9	100 1234567

(DIRECT, WRNO, 6-15-87. THFBS, IFRB, ITU, J-87. DAYS: 1=Monday, etc.)

**U.S.S.R.: R. STATION PEACE & PROGRESS, MOSCOW, BEAMED TO SOUTH OR CENTRAL AMERICA, LATEST INFORMATION:**

	LG	CR
0000-0030	6105, 5940, 7360, 7300	
0000-0030	7105, 7230, 7250, 9520, 9785, 9820	SP
0100-0130	7200, 7240, 7280, 7370, 9470, 9490, 9550, 9655, 9565, 11820, 11900	PT
0130-0200	7200, 7240, 7280, 7370, 9470, 9490, 9550, 9655, 9665, 9675, 9720, 9795, 9865, 11900, 11920, 12020, 12040	SP
0200-0230	5940, 6105, 7195, 7300	CR

(DIRECT, RSP, MOSCOW, 6-15-87. MONITORED DAILY BY EDITOR AS MEMBER OF URSC, JAPAN.)

**U.S.S.R.: R. MOSCOW, NORTH AMERICAN SERVICE, ENGLISH LANGUAGE, HEARD ON WONA, J-87 SEASON, EFFECTIVE 8-1-87:**

2300-2400	7115, 7310, 12050, 13665, 15425
0000-0100	5915, 5940, 6000, 7115, 7215, 7310, 12050, 13665, 15425
0100-0200	5915, 5940, 6000, 7115, 7215, 7310, 7440, 12050, 13665, 15425
0200-0300	5015, 5940, 6000, 7115, 9635, 12050, 13665, 15425
0300-0400	5915, 5940, 6000, 7115, 9635, 12050
0500-0700	6020, 7175, 7260, 9580, 17770, 11860, 12050

(DIRECT, R. MOSCOW, 5-15-87. MONITORED DAILY BY EDITOR AS MEMBER OF URSC, JAPAN.)

☆ NORTH AMERICA ☆  
 AND THE  
 ☆ CARIBBEAN ☆

SEND DIRECT LOGGINGS BY THE 12TH OF THE MONTH TO:

Thomas F. Sable  
 University of Scranton  
 Scranton, PA 18510-2192

**ALASKA KNLS**

9710 1205 CC In the World of Classical Music; Daily Bible Reading (444 622 Kline CA)(444 623 Miyauchi JA)  
 9750 1602 RR Blues, instrumentals, Gene Krupa on drums (353 617 Kline CA)(Trotto FL)  
 11700 1630 Music from the Forties (322 621 Johnson CA)  
 11820 0901 Religious program (333 620 George MA)

**ANTIGUA Deutsche Welle relay\*\*British Broadcasting Corp. relay**

6045 0303 DW Press Review; German plane in Red Square (555 Wright MB)  
 6120 0206 BBC Review of the British Press (433 7/5 Brown IL)  
 6120 0535 DW Emigration of Germans to US (444 7/3 Blair CA) Pope's visit to Poland (544 616 Kline CA)  
 6175 0300 BBC World nx (444 628 McCants AL) Opera (544 618 Miller CA)(Dillon MD)  
 9510 0430 BBC Election results by districts, world nx (444 612 Thompson CA)  
 9605 0200 SS DW IS, ID, nx by OM (444 Trotto FL)  
 11775 1705 BBC News of Wales (242 617 Miller CA) Wimbledon coverage (444 7/4 Curtis TN)  
 15105 0015 PP DW Talk and mx program (555 622 Miller CA)

**CANADA R. Canada International\*\*Northern Quebec Service\*\*BBC relay\*\*DW relay\*\* R. Japan relay**

5960 0305 RJ Current Affairs; Venice Summit (544 611 Kline CA)(Bishop NY)  
 5960 2200 RCI Tax reforms; potatoes (555 Robinson TN)  
 6005 0204 CFCX Phillies vs. Expos (322 614 Westenhaver QU)  
 6070 1404 CFRB Traffic report; Donna Rice interview; call-in show (444 619 Curtis TN)(Fraser MA)  
 6120 1100 RJ JJ traffic tickets; JJ ships in Persian Gulf(555 626 Alexander NJ)(Dillon MD)(Fraser MA)  
 6140 0554 RCI Trading Report; weather and sports (343 7/3 Blair CA)  
 6160 0405 CKZN CBC station list; national anthem (222 630 Quagliery NY)  
 9590 0215 BBC Indonesia's elections; New Ideas; Sports Roundup (454 Kline CA)  
 9605 0120 DW Venice Summit and economic problems (544 610 Miller CA)  
 9625 0159 NQS News and frequencies (433 618 Brown IL) antidote to insect venom and wasp bites (555 625 Robinson TN)  
 9630 2130 CBC YL and OM talk of Terry Fcx; Java Jive (555 623 Robinson TN)  
 9670 2000 RCI Review of Japanese SW receivers (Wright MB)  
 11775 1602 BBC Israelis arrest murderer, Indian elections (555 619 Curtis TN)  
 11945 2130 RCI Chad and Nigeria; child care and income tax (444 619 Robinson TN)  
 15330 2100 RCI Colombia and reforestation (555 Robinson TN)  
 17820 1900 RCI Canadian Independence at 120 years (354 7/1 Kline CA)(Miller CA)

**CUBA R.Habana\*\*R. Rebelde relay\*\*Radio Moscow World Service relay**

4765 0944 RR RM vocals and pop songs (555 Robinson TN)(Levison PA)  
 5025 1001 SS RR Economics and socialism in Cuba, report on Chile (444 627 Dillon MD)  
 5965 0515 RHC OM with sports and mx (444 7/3 Blair CA) Cuban folk songs (333 620 Westenhaver QU)  
 6060 2230 SS RHC Nicaragua news (555 626 Robinson TN)  
 6090 1000 RHC Nx of Havana and Castro (555 619 Robinson TN)  
 6140 0420 RHC Tonya Jackson at a copper mine in Pinar del Rio (555 7/3 Halstead WV) SS mx; request for listeners' comments (333 630 White FL)  
 6150 1020 SS RHC Andean mx (433 628 Dillon MD)



Cuba (continued)

- 9525 0645 *RHC* Interview with Cuban dermatologist (444 7/3 Halstead WV)  
9550 1500 SS *RHC* Latin Am nx; nuclear weapons (444 6/19 Curtis TN)  
9600 0040 *RM* News; Sounds of Engineering (444 7/3 Blair CA)  
9730 0930 SS *RHC* Mx by "Grupo Caribe" from Nicaragua (555 Robinson TN)+1  
11710 0240 SS *RM* Soft rock (545 6/29 Miller CA)  
11760 1100 SS *RHC* talks about Argentina (555 6/26 Robinson TN)  
11970 0423 SS *RHC* Press Review: Thatcher vs. Labour Party (433 6/10 Westenhaver QU) Stamp program: piano mx (555 6/25 Robinson TN)  
15230 2037 *RHC* Promo for Creole service, ID as Caribbean service (434 6/19 Curtis TN)  
17705 1928 SS *RHC* ID, IS, to Africa and Europe [via USSR?](444 6/23 Quaglieri NY)(Curtis TN)

DOMINICAN REPUBLIC \*\**R.Discovery*\*\**R.Clarin*\*\**R. Santiago*

- 11700 1930 *RC* Traditional Latin pop, IDs (232 6/21 Shaffer PA)(Curtis TN)  
15045 2138 *RD* SS pops (343 6/17 Trotto FL)(Curtis TN)

NETHERLANDS ANTILLES *Radio Nederland*\*\**Trans World Radio*

- 6020 0230 *RN* Happy Station: terrible wx in Holland (444 6/28 Brown IL)(Dillon MD)+1  
6145 1037 SS *TWR* Upbeat SS mx; news headlines (333 6/28 Dillon MD)  
6165 0230 *RN* S. Korean protests; Media Network; Asia Report (544 6/25 Brown IL) Clandestine Radio in Iran (555 7/3 Halstead WV)  
9590 0228 *RN* Media Network: sunspot cycle (544 6/18 Brown IL)  
9715 0615 *RN* SW Feedback: letters; Dutch Top 10 (544 6/14 Brown IL)  
11815 1250 *TWR* Religious Program (343 6/19 Hawkins TX)  
21685 1903 *RN* Medical students in Kenya (444 6/19 Curtis TN)

PIRATES ⇄ *Frequency Bandits*

- 6305 1100 SS *V. CID* nx of Los Angeles; Bogota; M. Thatcher (555 6/19 Robinson TN)  
9940 0245 SS *V. CID* Radio play, mentions Havana (454 6/16 Wright MB)  
9960 2320 SS *R. Caiman* Instrumentals; IDs; freqs, news (454 6/28 D'Angelo PA)

UNITED STATES OF AMERICA \*\**Voice of America*\*\**Voice of Free China*\*\**Armed Forces Radio and Television Service*\*\**Radio Marti*\*\**Voice of the Organization of American States*\*\*

- 5985 0200 *VOFC* Trade commentary with Ida Lo; People at Work (533 6/16 Alexander NJ)  
6085 1921 SS *WYFR* Religious program (444 6/21 Trotto FL)(Curtis TN)  
6185 0339 *WRNO* Top Ten Worldwide (333 6/30 White FL)  
7400 0510 *WHRI* Religious mx; Dr. Lester Sumerall (444 6/29 Imel CA)  
9455 0500 *WMLK* Rel. prog with ID and address (433 6/13 Johnson CA)  
9465 0857 *WCSN* World Peace and Mary Baker Eddy (444 6/28 McCants AL)  
9530 0650 *VOA* Beverly Sills and opera (333 6/14 Brown IL)  
9535 1417 *WYFR* Harold Camping on Bible (444 Trotto FL)(Curtis TN)+1  
9590 1350 SS *RM* SS vocals; ID (333 6/15 White FL)  
9700 1745 *AFRTS* Canned shows with cut numbers (444 6/29 KlineCA)(Curtis TN)  
9770 2107 *WHRI* EZL mx and singing (433 6/28 Bishop NY)  
9850 0254 *WHRI* ID and freqs. (434 6/23 Worob TX)  
11735 1730 *KCBI* Glenn Hauser on WRTH and Ⓢtape recordersⓈ (444 6/21 Miller CA)  
11830 1255 *WYFR* Religious program (444 6/19 Hawkins TX)(McCants AL)  
11930 1900 SS *RM* Let It Be, Central American news (444 6/21 Trotto FL)  
11965 1600 FF *WRNO* Bayou Boogie and Mama Rosa Beaudreux (555 6/14 Robinson TN)  
12060 0527 *AFRTS* Sports nx, time pips, UPI Radio nx *harmonic of 6030* (242 6/20 Westenhaver QU)  
15105 2051 *WHRI* Word through Music (444 6/29 Curtis TN)  
15145 0200 *PP/EEWINB* Through the Bible; religious prg.(444 6/10 Westenhaver QU)  
15195 1829 FF *VOA* To Africa (444 6/19 Curtis TN)  
15295 1828 *WINB* Religious program then into RR (333 6/21 Trotto FL)  
15330 2109 *AFRTS* All Things Considered: Lt. Col. North refuses (444 6/17 Curtis TN)  
15390 1955 *WCSN* Internat. Daily Newspaper; Kaleidoscope; Round Table (354 7/1 Kline CA)  
15395 1916 *WCSN* Letterbox; mx; Maria Callas; punk rock (353 6/9 Kline CA)(Curtis TN)  
15410 1850 *VOA* SloEnglish news; African Panorama (444 6/10 Miller CA)(Curtis TN)  
15420 2006 *WRNO* Avon ad; Rock mx (434 6/18 Curtis TN)

U.S.A. (continued)

15430 1747 *AFRTS* Yankees vs. Red Sox (555 618 Brown IL) Firecracker 400 (444 74 Curtis TN)

15440 2125 *VOFC* CC mx and ID (434 620 Hawkins TX)

15565 2125 *WYFR* Scripture and Dr. Camping (555 617 Curtis TN)

15580 2143 *VOA* World Report (555 617 Curtis TN)+1

17750 2117 *WYFR* Bible Study and OT (444 618 Curtis TN)

17775 1730 SS *KVOH* Lord's prayer, mx (333 619 Miller CA) EE religious songs (444 618 Hawkins TX) Point of View hosted by Marlin Maddoux (444 626 McCants AL)(Curtis TN)(Thompson CA)(Bishop NY)

17800 2140 *VOA* World mx (444 618 Hawkins TX)(Curtis TN)

17845 2031 FF *VOFC* CC cooking tips //15440 (322 627 Westenhaver QU)

21485 1628 Swahili *VOA* Service to Africa sign on (333 612 White FL)

21615 1855 *WYFR* SloEnglish Bible reading (444 619 Curtis TN)

Bill Miller reports receiving verification from *WSZO* for their recent broadcasts. He sent tapes of his reception of their signals. They returned the tapes, which were recorded over with Micronesian and Polynesian music.

I am writing this column before heading out to *ANARCON'87*. I hope to have a full report on the doings and personalities there in next month's column. See you there.

**Publications:** Radio Netherlands has produced the ninth edition of their *Receiver Shopping List*. The booklet which is free for the asking covers thirty-six pages and includes information on surplus receivers, addresses for further information, and a current radio list split into portables, serious sw receivers, hobby receivers, specialist receivers, and semi-professional receivers. You should write to Radio Netherlands if you are interested. The address is:

Radio Netherlands, English Section, Postbus 222, 120 JG Hilversum, The Netherlands.

On American Samoa plans are now going ahead for a new medium wave religious station after being on hold for some time. John Vecon of Quality Media Corporation says "Pacific Beacon" will be the third of a series. This is the same group that sold the "Atlantic Beacon" on Turks and Caicos islands to a Florida-based Christian Radio Productions organization. The CRP QSL address is Box 5321, Fort Lauderdale, Florida 33310. Verifications of the "Atlantic Beacon" have been received.

As reported widely in the American and world press, the Soviets have stopped jamming the Russian broadcasts of *VOA*. Nine regional language services to the Soviet Union are being heard clearly for the first time since 1980. However intensified jamming of *Deutsche Welle*, *Radio Liberty*, and *Kol Yisrael* broadcasts to the USSR continues.

**Computer Users:** The North America and Caribbean Column BBS may be reached by dialing ☎ (717) 961-6141 from 10 pm to 8 am daily. The communication parameters are 1200/300 baud, 8 bit, null parity, and 1 stop bit. This can be an easy way to submit loggings. Please try to stick close to the regular *SPEEDX* format. Please register if you intend to use the system at length and/or on a regular basis. Full message capabilities is available so you may leave questions, queries, comments, and tips much more easily now. Please let me know what you think of the system. This month's special feature is *SPEEDX*'s own Al Quaglieri, who offers a selection of his favorite DX programs. *SPEEDX* members have special privileges on the system. If you have a computer, a modem, and communications software that supports this, and would like to take advantage of this BBS, send a self-addressed stamped envelope to me at the address on the masthead and I will send you an introduction to the *NACC* BBS.

Please send loggings to me directly to the address on the masthead or via the *NACC* BBS by the twelfth of the month or to our CDE:

David Jones  
2120 -C Mockingbird Lane  
Box 8  
Springfield TN 37172

by the sixth of the month.

><Please cut those loggings.><

Bye for now.



EUROPE	Daniel Sampson Route #1, Box 36 Black River Falls, WI 54615-9714		EUROPE
	<p>Deadline: 12th Times/Dates: UTC Frequencies: KHz</p>		
	Seaf Window Center Aish Flight 000 Destination: _____		

Hello, it's me again! I hope you have been having a great Summer. It has been a hot one here. We've had many days above 80°F.

**ALBANIA Radio Tirana**

- 7065 0241 RT EE; nx, t/k of high US crime rate, ID by YL @ 0241 (434 6/23 Worob-TX)
- 7112 0426 RT unid; OM anmt, NA, 0428\* (322 6/30 Quaglieri-NY)
- 7205 0400 RT Greek; NA, OM w/ nx, mx, comtry, Greek mx @ 0413, NA @ 0428, IS (322 6/24 Quaglieri-NY)
- 7335 0339 RT EE; t/k about agricultural cooperative, b/c sometimes shows up on 7065, QRM de CHU (433 6/13 Westenhaver-QU)
- 9480 2230 RT EE; YL w/ t/k, Albanian folk mx, nx of S. Korea riots, mx (545 6/20 Robinson-TN)
- 15404nf 2037 RT PP; OM/YL read nx, folk song, t/k about technical education in Albania, QSB & VOA-15410 QRM (222 6/27 Westenhaver-QU)

**AUSTRIA Radio Austria International**

- 5035 1104 Schulungssender GG; Beethoven, Mozart mx (444 6/26 Gager-Austria)
- 9650 0130 RAI EE; mx, Elizabeth Blaine on art & Viennas museums, t/k about Walter Kona (533 6/27 Alexander-NJ) (Kline-CA) (Hawkins-TX) (Rocker-MS) (Bishop-NY)
- 15320 1240 RAI EE; "SV Panorama" (444 6/14 Fraser-MA)

**BELGIUM Belgische Radio en Televisie**

- 9675 2115 BRT EE; "Brussels Calling," "P. O. Box 26" (444 6/9 Curtis-TN)
- 9880 0814 BRT EE; "Belgium Today," t/k about fishing in Sri Lanka (343 6/26 Trotto-FL)
- 11660 0330 R-T Belge de la Communaute Francaise FF; contemporary FF mx, YL ancr, ment of Brussels, "Jazz Club," Afr svce (333 6/26 Shaffer-PA)

**BULGARIA Radio Sofia**

- 9700 2040 RS EE; rpt on a visit by British trade union delegation to Sofia (443 6/11 Fraser-MA)
- 11750 0350 RS EE; rpt on Bulgarian connection as rpted by the *NY Times* (333 6/13 Brown-IL) (Robinson-TN)
- 15140 0632 RS EE; nx about Bulgaria, ID during nx @ 0634, to Eur. (243 6/20 Westenhaver-QU) (Trotto-FL)

**CZECHOSLOVAKIA Radio Prague**

- 5930 0100 RF EE; YL w/ s/on, nx, "Sunday Magazine" (454 7/5 Couch-TN)
- 9630 0118 RF EE; Prague cultural scene, mx, press review, "Stamp Corner" (343 6/7 Wright-MB) (Fraser-MA)
- 11685 0046 RF Czech?; YL w/ t/k, into trumpet mx of 'Bridge Over Troubled Water,' // 7345, 0055\* (444 6/23 Trotto-FL)
- 11990 0030 RF EE; nx, t/k ment Czech. (222 6/27 Miller-CA) (Robinson-TN)

**DENMARK Radio Denmark**

- 11845 1958 RD Danish; IS, ID in EE, time/freq anmt (333 6/29 Curtis-TN)
- 15165 1625 RD Danish; IS, Danish/EE ID, to NAm. rpt (433 6/25 Brown-IL)

**FINLAND** **Radio Finland**  
 11755 0430 RF EE; "Northern Rpt." press review, "Finnish Notebook" about  
 rel in Finland (554 6/11 Kline-CA)  
 15400t 1400 RFI EE; nx, wx, V. German aircraft lands in Red Square,  
 political analysis (252 5/30 Wright-MB) (Miller-CA) (Curtis-TN)

**FRANCE** **Radio France International**  
 5950 0030 RFI FF; FF pop mx w/ featured artist from Quebec (444 6/20  
 Shaffer-PA)  
 6175 1600 RFI EE; "Paris Calling Africa," ID, nx, mx, tlk (333 6/27 Gager-  
 Austria)  
 9550 0410 RFI EE/FF; nx, ID, mx, into FF @ 0430 (444 6/20 Miller-CA)  
 11670 1250 RFI SS; pgm to LAm (434 6/19 Hawkins-TX)  
 11675 1000 RFI EE; nx of Basque terrorists, candidate called a facist  
 clown, accordian mx (555 6/20 Robinson-TN)  
 11700 0334 RFI EE; nx, Pope continues to visit Poland, Schultz arrives in  
 Philippines (333 6/13 Brown-IL) (Rocker-MS)  
 15305 2130 RFI FF; nx of Gorbachev, Tel Aviv, accordian solo, 2153\* (555  
 6/21 Robinson-TN)  
 15315 1615 RFI FF; rock mx, IDs, tlk, wld nx? (6/10 Miller-CA)  
 17620 1602 RFI EE; wld & France nx, "Focus on France"-French politics (444  
 6/20 Soomre-MA) (Miller-CA)

**GERMAN DEMOCRATIC REPUBLIC** **R. Berlin International**  
 6115 1205 TD64 via Stimme DDR GG; youth radio, FM svce via SW, pop mx (444  
 6/26 Gager-Austria)  
 6190 1300 Bremen-Hansawelle GG; ID, nx about taxes, EEC, spts (333 6/26  
 Gager-Austria)  
 9620 0202 RBI EE; ID, NAm svce, wld nx, fighting RNI on freq (422 6/15  
 Rocker-MS) (Brown-IL)  
 9730 2300 RBI EE; nx, tlk about East-West relations (554 7/6 Couch-TN)  
 (Robinson-TN)  
 15245 1000 RBI GG; YL/OM, IDs, nx of Berlin, spts, mx (555 6/29 Robinson-  
 TN)

**GERMAN FEDERAL REPUBLIC** **Deutsche Welle**  
 5125LSB 0330 R. Liberty RR; feeder via RDI, OM/YL w/ nx (353 6/13 D'Angelo-  
 PA)  
 6075 1310 Vestdeutscher Fundfunk GG; Gutaufgellegt, pop mx (444 6/25  
 Gager-Austria)  
 6085 1140 Bayern 3 GG; pop mx, ID (444 6/26 Gager-Austria)  
 6190 1250 Sender Freies Berlin GG; pop mx, ID, to 1300 (333 6/26 Gager-  
 Austria)  
 7265 0325 Südwestfunk GG; USA pop mx, OM w/ GG anmts between songs (333  
 6/17 Rocker-MS) (Quagliari-NY)  
 7265 1600 Südwestfunk 3 GG; ID, nx, wx, traffic, pop shop (6/26 Gager-  
 Austria)  
 7270 0430 Deutschlandfunk ID, nx, jamming, to USSR (222 6/26 Gager-  
 Austria)  
 7285 0210 DW EE; rpt on the growth of the wld population, Asia svce (444  
 7/5 Brown-IL) (Rocker-MS)  
 9605 0125 DW EE; intvw w/ a professor of mx, lang course (544 6/13 Brown-  
 IL) (Couch-TN)  
 15275 1834 DW GG; opera & vocals, occasional applause from audience, OM  
 ancr, IS (343 6/18 djs-WI)

**GREAT BRITAIN** **British Broadcasting Corporation**  
 3955 0354 BBC EE; IS to 0359, ID @ 0359 (333 6/31 White-FL)  
 5975 2300 BBC EE; wld nx, discussion of S. Korea, "Nature Notebook,"  
 "Anything Goes," // 6175 (333 6/20 Dillon-MD)  
 6020 0420 VOA relay RR; wld & US nx, contry, Philippines, mx (544 6/18  
 Miller-CA)  
 6050 0250 BBC EE; "Spts Int'l" on int'l cricket ties w/ S. Afr., this freq  
 was WS only 0200-0300 (433 6/16 Westenhaver-QU)  
 6050.8 0715 BBC EE; "24 Hours," // 5995 (353 6/20 Rocker-MS)  
 6195 0515 BBC EE; "24 Hours," tlk on the coup in Fiji & Matthias Rust's  
 flight to Moscow (454 6/1 Rocker-MS)  
 7295 0523 RCI relay EE; Canadian spts & wx, ancd as // 6050, 6140, 9750,  
 11775, 11840 & 15245 (455 6/1 Rocker-MS)



**GREAT BRITAIN** continued

9410 2255 BBC EE; spts roundup, wld nx, contry, "Nature Notebook" (433 6/27 Dillon-MD) (Curtis-TN)

9760 2046 VOA relay EE; big band mx, editorial, ID, wld nx (333 6/25 Dillon-MD)

12095 2126 BBC EE; Theatre mx in UK, intvw w/ a Theatre producer, rtty QRM (444 6/19 Curtis-TN)

15070 2045 BBC EE; jazz show, answering requests (444 5/30 Curtis-TN)

15245 0532 RCI relay EE; wld nx, // 7295 (242 6/16 Rocker-MS)

17885 1332 VOA relay Uzbek; nx items about Pres. Waldheim & General Jeruzelski (343 6/27 Westenhaver-QU)

18080 1400 BBC Somali; EE s/on to W. Afr., into Somali, Big Ben, YL w/ nx (444 6/10 Jones-TN) (Fraser-MA)

**GREECE** Voice of Greece

7205 0234 VOA relay EE; rpt on Philadelphia, advertising (333 7/5 Brown-IL)

9395 2130 VOG Greek; IDs, YL w/ nx, freq info ment Nicosia, mx (444 6/24 Robinson-TN)

9420 0100 VOG EE/SS?; Greek mx, 0114 OM in SS?, 0130 EE, ID, nx & contry until 0140, 0150\* (452 6/3 Kline-CA)

**HUNGARY** Radio Budapest

6025 1700 R. Kossuth Hungarian; ID, tkl about S. Korea, Japan & China (333 6/26 Gager-Austria)

9525 0200 RB EE; nx of NATO countries, "Hungarian pop scene," vocals (545 6/12 Robinson-TN)

9835 0100 RB EE; IDs, nx, tkl of pop mx, video clips, song 'Santa Maria' (545 6/12 Robinson-TN) (djs-VI)

**ITALY** Radiotelevisione Italiana

7175 1200 Radio Due II; domestic svce 2 on SW 0400-2129, tlks, rpt about Waldheim visit w/ the Pope (333 6/25 Gager-Austria)

9515 0641 Radio Due II; domestic svce on SW, 0400-2129, ads, tkl about films (333 6/26 Gager-Austria)

9575 0102 RAI EE; nx, ment Israel, Eur nx (212 6/18 Miller-CA) (Brown-IL)

11800 0100 RAI EE; nx, Venice economic summit opening (444 6/9 Fraser-MA) (Miller-CA) (Thompson-CA)

15330 \*0350 RAI EE; IS, chimes, YL w/ nx, 0411\* (343 6/17 Rocker-MS)

15385 0015 RAI SS/PP; II pop songs, 0019 ID & closing anmt in SS, IS @ 0019-\*0020 in PP, nx (242 6/6 Westenhaver-QU)

21560nf 1422 RAI II; end of nx, ID, freqs, off abruptly @ 1424 (243 6/20 Westenhaver-QU)

**LUXEMBOURG** Radio Luxembourg

6090 0040 RTL EE; phone conversation w/ listener, rock & soul mx, TCs, ID, DJ, nx & wx @ 0102 (333 6/14 Shaffer-PA)

15350 1040 RTL FF; pop mx, tkl, ID, ads for Paris Match (333 6/26 Gager-Austria) (Trotto-FL)

**MONACO** Evangeliums-Rundfunk via TWR-Monte Carlo

6230 1315 EG; ID, DX, nx about Nicaragua, Costa Rica (333 6/26 Gager-Austria)

**NETHERLANDS** Radio Nederland

6020 0245 RN EE; "Newslime," "Media Network"-Sony receiver review (333 6/26 White-FL)

6110 \*0500 RN SS; "Estación de la Alegría," Tom Meyer complaining about the awful wx in the Neth. (333 6/28 Westenhaver-QU)

7290nf 0422 RE EE; "Sunday Spotlight," intvw w/ Nigerian sculptor, 0425\*, ex-7175 (444 6/21 Westenhaver-QU)

17700 2328 RE EE; IS, ID @ 2329 (333 6/18 White-FL)

**NORWAY** Radio Norway International

9580 0043 RNI Norwegian; "Waltzing Matilda," tkl by YL, ID, abruptly off @ 0045 (444 6/28 Trotto-FL)

9620 0200 RNI Norwegian; IS, EE/Norw. ID, Norw. pgm (333 6/13 Brown-IL)

9650 0358 RNI Norwegian; IS, EE/Norw. IDs, tkl (544 6/24 Rocker-MS)

11870 2000 RNI Norw.; IDs, nx of Afghanistan, @ 2009 YL in EE, ID & "Our Listeners Pgm," resumes tkl in Norw. (545 6/13 Robinson-TN)

**NORWAY** continued

11930 2200 RNI Norwegian; to Africa, nx of Reagan, ID @ 2108 in EE, OM & children sing, QRM de R. Marti (444 6/26 Robinson-TN)  
 15305nf 1315 RNI EE; rpt on Norway and the UN (343 6/14 Fraser-MA) (djs-WI)  
 15310 1935 RNI Norwegian; nx, contry (111 6/18 Orr-CA) (Orr-FL) (Johnson-CA)

**POLAND** Radio Polonia

7145 0345 RF EE; tik about the Polish Soccer Union, ID, address, mx filler, 0355\* (343 6/24 Rocker-MS)  
 9525 0319 RF EE; YL ancr, variety of mx, ID @ 0332, sked for NAM, address, nx in brief, tik on peace (242 6/24 djs-WI)  
 11815 0353 RF EE; YL w/ tik, ID ending NAM EE svce into Polish (434 6/6 Trotto-FL)

**PORTUGAL** Radio Portugal

9670 0815 Adventist Vid R. EE; DX pgm (333 6/28 Gager-Austria)  
 9680 2300 RDP PP; nx of Zimbabwe, ID, drum rolls after ID (545 6/24 Robinson-TN)  
 9705 0305 RDP EE; YL, Port. nx to 0312, ID, EE sked, pgm on Port. cultural events (343 6/11 Thompson-CA) (Brown-IL)  
 15215 0640 R. Free Eur. Romanian; pgm of US funk mx, YL w/ ID "R. Europa Libera," freqs/sked, anthem, off & back @ 0700 w/ gong, nx (353 6/29 Quaglieri-NY)  
 15380 \*2259 R. Liberty RR; IS, ID "Govorit R. Svoboda," nx, seemed like 50% of items were datelined "Moscow" (333 6/6 D'Angelo-PA)  
 17735 1924 R. Liberty RR; long tik, brief tuning signal followed by "Govorit R. Svoboda" ID, OM w/ nx (343 6/12 D'Angelo-PA)

**ROMANIA** Radio Bucharest

9690 1940 RB EE; wild nx, PLO in Lebanon, mx interlude (444 6/19 Curtis-TN)  
 11940 2100 RB EE; OM/YL, IDs, "The Balkans--Zone of Peace," Eur. svce (545 6/22 Robinson-TN) (Westenhaver-QU) (Rocker-MS)

**SPAIN** Radio Exterior de España

9630 0100 REE EE; nx, "Panorama," mx, contry about Thatcher and Gibraltar, excerpts from Spanish nxpapers, archeology (554 6/16 Kline-CA) (Miller-CA) (Brown-IL) (Couch-TN)  
 9765 2035 REE EE; // 7275, ID, nx, S. Korea, Sri Lanka (333 6/26 Gager-Austria)  
 11880 0005 REE EE; Tamillists were rounded up w/ the Nat'l police & killed (433 6/21 Bishop-NY) (Fraser-MA) (Couch-TN) (djs-WI) (Robinson-TN)  
 15125 0540 REE SS; ID, nx by OM/YL (444 6/26 Trotto-FL)  
 15175 1925 REE EE; IS, nx, OM/YL (333 6/15 Hawkins-TX)  
 15375 1843 REE EE; nx by YL, ID, spts, main events of the week (333 6/21 Trotto-FL) (Curtis-TN)  
 17845 1525 REE SS; tourism in Spain, time pips @ 1530, ID by YL, sked, romantic SS mx (433 6/27 Dillon-MD)  
 17895 \*0400 R. Liberty RR; ID "Govorit R. Svoboda," nx, underneath UAE R. (222 6/18 Rocker-MS)

**SWEDEN** Radio Sweden International

9695 0247 RSI EE; "Nordic Nreel," YL w/ highlights of King's/Queen's visit to Iceland, IDs (333 6/28 Thompson-CA) (Wright-MB) (djs-WI)  
 15345 1400 RSI EE; wx, spts, DX pgm (354 7/8 Couch-TN) (Kline-CA)  
 15390 0339 Sveiges Riksradio Swedish; OM/YL, possible nxcast, mx, 0357 IS & IDs by YL (233 6/17 Orr-FL)  
 17840USB 0250 RSI EE; intvw w/ a Swedish politician, s/off annts, IS @ 0257, 0259\* (354 6/18 Rocker-MS) This is a SW SSB relay of Swedish home svce pgms, EE on this freq 0230-0300, according to RSI b/c sked-editor

**SWITZERLAND** Swiss Radio International

3985 2030 DRS3 via SRI GG; special tropical nx pgm, FM pgm via SW (444 6/26 Gager-Austria)  
 6135 0217 SRI EE; rpt on beef for food & Hinduism (333 6/28 Brown-IL)  
 9725 0400 SRI EE; "News & Views" (533 6/10 Johnson-CA) (Brown-IL) (Wright-MB) (Couch-TN)

SWITZERLAND continued

9885 0216 SRI EE; rpt on ecology in the Swiss alps, wine making (333 6/25  
Brown-IL) (Robinson-TN)  
9885 0310 Intl Committee of the Red Cross EE; IS, ID, OM/YL w/ Red Cross  
nx, Philippines, Ethiopia (553 6/5 Kline-CA)  
12035 2120 SRI EE; tlk about chemical warfare in Iran-Iraq war, "Dateline,"  
wx, Indian elections (444 6/19 Curtis-TN) (djs-WI)  
15430 0624 SRI FF; political tlk, ID, Swiss mx @ 0626 (344 6/15 Orr-FL)  
(Trotto-FL)  
15570 2108 SRI EE; wld nx, Swiss nxpaper review, US fleet in Persian Gulf  
& Iranian strike, QRM de WYFR (434 6/18 Curtis-TN)  
17830 1336 SRI EE; nx, 1338 contry on decline in Pres. Reagan's fortunes,  
// 15570 (343 6/27 Westenhaber-QU) (Dillon-MD)

U.S.S.R.

(European) Radio Moscow  
5935 0800 R. Riga Latvian; tlks, mx, ID (333 6/28 Gager-Austria)  
7265 2200 R. Vilnius EE; tlk about Vilnius scenery, farms, pop mx, 9th  
Century A.D. church described (545 6/9 Robinson-TN)  
9490 0000 RM Nikolayev Ukraine (RDI) SS; ID "Aqui, R. Moscow," wld nx (444  
6/28 Dillon-MD)  
9630 1400 R. Rodina RR; tlk, some mx, clear ID @ 1600, some EE tlk (455  
6/14 Miller-CA)  
9560 1815 R. Kiev EE; "Ukraine Today," ment of Chernobyl (343 6/12  
Fraser-MA)  
9640 0325 RM EE; "News & Views," nx in brief, Gorbachev-Gandhi meeting,  
"Culture & the Arts" w/ tlk on poet (444 7/3 djs-WI)  
9640 2330 R. Kiev EE; contry, "Ukraine Today" (Couch-TN)  
9685 2040 RM SS; tlk about economics, ment Latin Am dictators, into RR @  
2100 (343 6/24 Dillon-MD)  
9690 2130 R. Kiev RR; choral singing, tlk of Ukraine, Kiev, NY & Pravda  
quoted, IS @ 2158 (555 6/9 Robinson-TN)  
9810 0405 RM FF; OM w/ nx, Weissdcker visit to Russia, ID @ 0413 (232 7/7  
Munster-GA)  
9865 0001 RM EE; wld nx, "Outlook," "The Future Talks" (444 6/30 Dillon-  
MD) (djs-WI)  
9880 2336 RM RR; OM DJ w/ pop mx & some classical, IS @ 2359, time pipe,  
ment "Moskova Vremya..." (444 6/29 Dillon-MD)  
10670 0215 RM RR; light mx, OM w/ tlk, IS, ID by OM, nx, RDI list this as a  
feeder but it was in the AM mode (343 6/6 Trotto-FL)  
14390h 0255 RM SS; Balalaika mx w/ OM & YL presenters, full ID @ 0258,  
2x7195--fundamental also audible (343 6/16 Westenhaber-QU)  
15140 0145 RM Riazan ERSFSR (RDI) EE; jazz mx, nx @ 0200 (252 6/18 Wright-  
MB)  
15210 1600 R. St. Peace & Progress Yiddish?; IS, ID, tlk by OM (343 6/20  
Soomre-MA)  
15360 1358 RM EE; promo for Audio Book Club, mbs, chimes, nx, Gorbachev  
tlks to Indian Prime Minister, // 15375 (444 7/4 Curtis-TN)  
15380 1030 RM EE; "Audiobook Club" excerpt from Byelorussian novelist's  
book (555 6/20 Robinson-TN)  
15535 2121 RM EE; pgn about progress in Afghanistan, people glad to have  
Soviet fertilizer for crops (444 6/17 Curtis-TN)  
15540 0305 RM EE; wld nx, noted another night w/ #0300 (343 6/24 Rocker-MS)

VATICAN CITY STATE Vatican Radio

9605 0050 VR EE; tlk, mx, ID, church nx, ment Cardinals & Pope, DW QRM  
(433 6/11 Miller-CA)  
9615 2105 VR EE; YL w/ ID, "Abbey at Monte Casino," OM w/ tlks of Monks  
(544 6/29 Robinson-TN)  
21725 1422 VR SS; OM/YL give rpt on Chile, 1426 IS to 1429\*, heavy QSB (242  
6/20 Westenhaber-QU)

WEST BERLIN RIAS-Berlin

6005 0322 GG; long tlk by OM, MOR mx, ballad, YL w/ station promo @ 0327,  
under BBC, QRM de jammer (322 6/30 Quaglieri-NY) (Gager-Austria)  
(Westenhaber-QU)

YUGOSLAVIA

7200 1550 Begrad Serbo-Croat; // 684, jazz (333 6/27 Gager-Austria)  
7240 0600 Novi Sad Hungarian; ID, nx, Yug. Communist Party, USSR,  
Washington (333 6/27 Gager-Austria) *Parul*

**Africa**

**Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888**

All times and dates UTC: Frequencies in Khz: \*0000 = s/on, 0000\* = s/off.

*Submission Deadline is the 12th.*

I have some surprising news for those of you who packed your radios away with those winter sweaters: you've been missing some great mid-summer DX! Much of it isn't armchair copy, but if you can tune your ear "around" the seasonal T-storm noises, you'll find you can add some new countries to your logs. To prove the point, here are our.....

LOGGINGS FOR AUGUST, 1987

Best Bets: ●=ECNA, ●=WCNA

ALGERIA

- 7246 0520 R. Algiers: Kaby1?; M with nx, phone interview. Tough w/QRN. 232(6-16 Rocker-9509 0756 R. Algiers: FF; W ancw w/FF pop mx pgm. 333(7-4 Havrilko-UK). @0827 in [MS] FF with group discussion. 454(7-2 ed.)
- 15160 0706 R. Algiers: FF; M ancw hosts pop mx pgm. Co-ch QRM. 333(7-4 Havrilko-UK)
- 17745 2021 R. Algiers: SS; disco-type mx, W ID, meter-bands, back to mx. Better here than //9509. 333(7-16 ed.) @1548 in FF w/ID, pop mx. 443(6-20 Havrilko-UK)

ANGOLA

- 3354.7 0517 R. Nacional (t): PP; nx read by M ends, W promo, mx, echo ID @0529, M tc, W reads sked, incl regionals, bit of mx, then off @0533\*. 322(7-3 ed.) @ 2318 w/hilife mx, poss ID; best on LSB. 322(6-27 Havrilko-UK)
- 4952.7 0534 R. Nacional: PP; lively mx, M ID "R. Nacional de Angola", into W w/exercise pgm. //9719.8. 333(7-6 ed.)
- 6153.6 0544 ER de Benguela(t): PP; W tlk, mni ments Luanda, then mx/easygoing dj, not //either RNA channel. Killed by RTTY (!) stn @0558. 221(7-6 ed.)
- 7172 0609 ER do Lobito(t): tribal chants/hilife mixture, nonstop except for occasional talkover by quiet M ancw. 232(6-30 ed.)
- 7245 0620 R. Nacional: vern/PP; lcl mx, M vern tlk, @0630 W in PP "R. Nac de Angola... programa B", into diff vern pgm. //11955. 333(7-6 ed.) @0525 vibraphone/drums, opening anmts w/freqs, into pop mx. //9535. Fr(7-9 Sheedy-CA)
- 9719.8 0606 R. Nacional: PP; PP/WAF pop mx, "Jornal da Angola" nxbrief @0615, main nx @ 0630, mni IDs. RN/9715 QRM after 0630. good(7-9 Sheedy-CA) 322(7-14 ed.)
- 11955 0800 R. Nacional: PP; tc M ancw, IS, W ID, into nx. QRM de open carrier on frequency. 322(6-26 Trotto-FL)

ASCENSION ISLAND

- 6005 0105 BBC Relay: EE; Nx, Outlook: ban on SAF athletes. 353(6-13 Kline-CA). @2205 atop RIAS Berlin w/nx of US warships in Gulf. 444(7-3 Havrilko-UK)
- 7160 0510 BBC Relay: EE; end world nx, into Nx About Britain, Press Review. 544(6-17 Miller-CA). 343(6-16 Rocker-MS)
- 9560 1600 BBC Relay: EE: "This is the BBC World Sce b/c'ing from the Atlantic Relay Station to Africa", nx. 322(6-28 Imel-CA)
- 11750 1552 BBC Relay: EE; M ID, sports: 10 winners at Ascot. 444(6-20 Havrilko-UK)
- 15400 1700 BBC Relay: EE; nx, Letter from Wales: people over 100 yrs old. 353(6-3 Kline-CA)

BENIN

- 4870 0520 LV de la Revolution: FF; Afro mx, some comments/ID by M ancw. QRM from SSB stn. 433(6-11 Miller-CA). @2210 in FF..343(7-3 Havrilko-UK)



- BOTSWANA**  
3355 0513 R. Botswana: EE; nx: US bans uranium imports from SAF. //much better 4820. 322(7-3 ed.) @0420 in SeTswana, ute QRM. 312(7-6 George-MA)
- 4820 0459 R. Botswana: SeTs; nicely-sung hymns & wheezy organ and M preacher tlling to past 0515. Sked EE nx @0510 must not be on Sundays. 433(6-12 Westenhar-VER-QUE). 323(6-17 Miller-CA). @1935 in SeTs. 242(6-29 Havrilko-UK)
- BURKINA FASO**  
● 4815 1941 R. Burkina: FF; hilife mx, M ID @1944. CW QRM, best in USB. 232(6-29 Havrilko-UK)
- BURUNDI**  
3300 0319 R. Dif. National: Kirundi? sounded like group discussion, several men live in front of small audience; brief ID @0331, gone by 0345. Over/under TGNC, best in USB. 322(7-20 ed.)
- CAMEROON**  
4795 \*0519 R. Douala: FF/EE; flute/percussion IS, FF/EE ID's, "This is Douala..1106 kHz ..4795 kHz in the 60 m.b. shortwave.." NA @0520. Some QSB. fair(7-5 Sheedy -CA). weak w/poor modulation..252(7-20 ed.). @2225 in FF w/ID and talk. 333(6-30 Havrilko-UK)
- 4850 0538 R. Cameroon: EE; nx, ID "This nx comes to you from R. Cameroon, Yaounde." //5010. 343(7-16 ed.)
- 5010 2212 R. Garoua: FF; M tik, ID @2213. Best in USB. 353(7-6 Havrilko-UK)
- CANARY ISLANDS**  
● 15365 2215 R. Ext. de Espena Relay: SS; W tik, complete ID, address in Canary Isls., many ments of "America Latina". 444(6-25 Rocker-MS). 444(6-19 Curtis-TN) 353(6-21 Sampson-WI)
- CENTRAL AFRICAN REPUBLIC**  
● 5034 0455 R. Centrafrique: FF; instr mx to 0500, then ID and nx read by M. Low modulation. 333(6-1 Rocker-MS). @2130 in FF..343(6-29 Havrilko-UK)
- CHAD**  
4904.5 0455 R. National Tchadienne: FF; balafon IS, NA, childrens' chorus. ID "Ici Ndjamená, RN Tchadienne", tc, pgm annts. 433(6-15 Orr-FL). @2215 in FF... 322(7-9 Havrilko-UK)
- 5290.1 0502 R. Mondou: FF; tail end opening anmt, ID, into usual lcl mx. 333(7-6 ed.)
- COTE D'IVOIRE**  
4940 0608 R. Cote d'Ivoire: FF; Waf mx, cheery M anc, TC, ID, Marlboro ad.//better 6015. No 7215 this morning. 242(7-7 ed.). @2215 under USSR. 322(7-3 Havrilko-UK)
- 6015 \*0550 R. Cote d'Ivoire: FF; tone to 0559, electronic IS, NA, ID/freqs, [rilko-UK] pgm details, nx: Israel's PM Peres visits Abidjan. 343(6-20 Westenhar-QUE). 323(6-14 Worob-TX). excellent(7-16 Sheedy-CA)
- 7215 0631 R. Cote d'Ivoire: FF; electronic drums, mx, fanfare, nx w/synth between items. 433(7-14 ed.) ok(7-16 Sheedy-CA)[also hrd SIO 444 @2230-ed.]
- EGYPT**  
9455 0757 R. Cairo: AA; AA mx to 0800, Big Ben-type chimes cut short, then off. 444(7-11 Havrilko-UK)
- 9475 0200 R. Cairo: EE; pgm about Egyptian birdlife, AA mx, nx abt UAE. 434(6-20 Robinson-TN). 343(6-13 Brown-IL). @2326 in AA. 343(6-27 Dillon-MD)
- 9675 2040 R. Cairo: EE; Spotlight on the Middle East. 444(6-9 Curtis-TN). @2100 in EE 545(6-7 Robinson-TN). @0222 in EE. good sig, distant audio. 333(7-16 ed.)
- 9900 2036 R. Cairo: FF; tik abt NAF countries, TC, AA mx, disc of AA language. 333(6-26 Dillon-MD)
- 11715 0155 R. Cairo: SS; end of pgm, W gives address, then M ID/sked/freqs, "Muy buenos noches, aquí Cairo..." 333(7-16 ed.) [Why is only EE Sce so muddy?-ed.]
- 11785 2026 R. Cairo/VO the Arabs: AA; F vcl mx, chimes @2030, W ID, fanfare, into nx of the AA world. 333(7-16 ed.)
- 11905 0430 R. Cairo/VO the Arabs: AA; W ID "Sawt ul-Arab min al-Qahira", AA mx. 343(6-18 Rocker-MS)
- 12050 2156 R. Cairo: AA; live talent show: poetry/songs/comedy. [What would be a good laugh in Cairo, Peter?-ed.]. 433(6-20 Dillon-MD). 545(6-15 Robinson-TN). 444-555(7-3 Havrilko-UK). @0428 \* off mid-vocal in Qur'an. 544(7-7 ed.)
- 15210 1904 R. Cairo: AA; Qur'an to 1912, M anc w/pop mx, ID @1928. 223(6-17 ed.)

EGYPT (cont.)

15220 2346 R. Cairo: AA; theme mx, M ID, into AA mx. Beamed to Cam. 333(6-16 Westenhaver-QUE). 444(6-18 Curtis-TN). 544(6-16 Miller-CA)  
 15335 2032 R. Cairo: FF; Qur'an to 2043, W ID, nx to 2047, then gm "Voyage". 433(7-16  
 17675 1330 R. Cairo: Bengali; ID, Qur'an, then M tlk. fair(6-24 Shimada-JPN) |ed.)  
 17720 2357 R. Cairo: AA; AA pop mx, chimes & ID @0000, into nx. //15220. 343(6-17 ed.)

EQUATORIAL GUINEA

5004 2100 R. Nacional, Bata: SS; ID, M/W read alternating nx stories. 433(6-11 Havrilko-  
 9553 2110 R. Nacional: EE/SS; ID "...desde Bata, Guinea Ecuatorial..." @2118, |ko-UK  
 between canned EE rel pgms. 323(6-23 George-MA). @2200\* on a Tuesday, not  
 usual M-W-F. 242(6-16 D'Angelo-PA)

ETHIOPIA

7110 0334 VO Revolutionary Ethiopia: Amh; M nx to 0338, then EZL/lcl instr mx, M ID  
 @0400, then into nx, poss in AA?. 333(7-16 ed.)

GABON

● 4830 2235 Africa #1: FF/EE; pop & rock mx, FF dj, EE ID @2246 "You are listening to  
 Africa #1, b/c'ing from Libreville, Gabon." ID but no NA @s/off 2302\*.  
 353(6-26 D'Angelo-PA). @0530. 534(6-10 Miller-CA). 333(6-29 Imel-CA).  
 4890 0430 R. France Int'l Relay: FF/EE; nx in FF, then bilingual pop mx pgm called  
 "Around the World-RFI"; s/off @0456\*. 433(6-15 Orr-FL)  
 ● 7200 0613 Africa #1: FF; hilife mx, ads, W dj to 0630, then M world nx. 433(6-24  
 Thompson-CA). 243(6-21 Westenhaver-QUE). vy good(7-4 Sheedy-CA)  
 11800 2245 R. Japan Relay: EE; Let's Practice Japanese, address, ID xmtr site. 444  
 (6-26 Miller-CA). 444(6-8 Fraser-MA). gd(7-22 Sheedy-CA). In JJ @2200..  
 545(6-21 Robinson-TN)  
 11940 0704 Africa #1: FF; mx signature, rooster, W ancr w/date, sked, into mx by  
 group "Gazolin". S/on here \*0700. 554(7-14 ed.)  
 15200 1620 Africa #1: FF; Afropops/EE rock mix, nx, off @1655\*. 333(6-20 Miller-CA).  
 good(7-16 Sheedy-CA). @0839 in FF. 433(6-13 Havrilko-UK)  
 15230 0740 R. Japan Relay: EE; Travelogue pgm, ID @0743, Let's Learn JJ. 343(6-26  
 Trotto-FL)  
 ● 15475 2002 Africa #1: FF; nx, ad for Rothman's cigarettes (in EE), hilife mx. 444(6-  
 27 Dillon-MD). 444(6-18 Curtis-TN). 444(6-29 Trotto-FL)

GHANA

3366 0610 GBC: EE; nx, ID; a rare strong showing here//4915, usually fr-pr under the  
 ute barrage. (7-17 Sheedy-CA). @2044 in EE. 444(6-7 Havrilko-UK)  
 ● 4915 0601 GBC: EE; nx: Economic Development Commission; ID, freqs, drum IS. 232(6-  
 14 Brown-IL). 242(6-21 Westenhaver-QUE). 322(6-14 Worob-TX)

GUINEA

4900 0702 R. Dif. Nacional: FF; M/W nx, mx sting @0704, M ID, editorial to 0711, then  
 into local mx. 342(7-15 ed.). @2310 in FF. 333(6-30 Havrilko-UK)

KENYA

6075 0247 VO Kenya(t): Swahili; lcl mx, W ancr, brief promo by M & W @0258, foll by  
 march, poss tp's, W ID, nx to 0313, then call/response mx. Under DW, gone  
 by 0330. Sounds like pgms the few times I've hrd VOK on any freq, but  
 no definite ID hrd. Doubt Sri Lanka this hour. 322/1(7-16 ed.)

LESOTHO

● 4800 0507 R. Lesotho: EE; headlines repeat, M ID, pop-reggae mx. 353(7-3 ed.) @1911  
 in Sesotho. 232(7-9 Havrilko-UK)  
 9515 0624 BBC Relay: EE; tc, newspaper headlines, world nx headlines, W upcoming pgm  
 anmt, @0630 M ID "BBC World Sce for Africa". tc, african nx. //9600 As-  
 cension. QSB peculiar to disturbed condx. 343(7-23 ed.)

LIBERIA

3230 2011 ELWA: vern; M tlk; slight QRM de numbers stn/3225. 232(6-29 Havrilko-UK)  
 3255 2218 ELBC: EE; M voice-overs through mx; muddy audio. RTTY QRM. 433(6-19 H'ko-UK)  
 ● 4760 2220 ELWA: EE; M rel tlk & mx, Bible readings. 333(6-30 Havrilko-UK)  
 ● 6090 0715 ELBC: EE; Ovaltine ad, wailing siren intro to Liberian National Police  
 Report. 333(6-29 Halstead-WV). 444(7-6 ed.) LOUD(7-3 Sheedy-CA)  
 7280 0618 VOA Relay: EE; Sunday Morning: corporate exodus from NYC. 232(6-21 W'haver-  
 11955 0658 ELWA: AA; IS, ID in EE/FF/AA, into AA pgm @0700. Atop Angola. 433(7-6 ed.) |QUE)

LIBERIA (cont.)

15315 2100 VOA Relay: FF; nx, ID, field rpts, @2130 "Amerique Sans Passport". 434  
(6-17 Orr-FL)

15445 2117 VOA Relay: EE; World nx: Israeli air raid in Lebanon. 444(6-17 Curtis-TN)

15600 1630 VOA Relay: EE; nx, report on AIDS. 433(6-27 Dillon-MD)

17800 2130 VOA Relay: EE; nx, Sports Journal, Nightline Africa. 443(6-26 Miller-CA)

17870 1613 VOA Relay: EE; nx: mostly Kuwait/Iran, ID. 242(6-28 Thompson-CA). @2156  
444(6-30 Curtis-TN)

21485 2110 VOA Relay: EE; ID, News Magazine. 252(6-16 Orr-FL)

LIBYA

15415 1757 R. Jamahiriyah: AA; AA mx, quick ID @1801, back to mx & M tlc. Abrupt  
s/off @1809\*. 433(7-10 Havrilko-UK)

MADAGASCAR

3231.5 1653 R. Madagasikara: Malagasy (pres.); pop mx. 454(6-87 Klingenfuss-MAU)

3287.6 0304 R. Madagasikara: Malagasy; M tlc to pno mx @0308, ID @0310 sounds like "R.  
Madagasikar..", taped promo, then M reads list of names/numbers.//4960.5.  
322(7-20 ed.) @1405.454(6-87 Klingenfuss-MAU)

4960.5 0215 R. Madagasikara: Malagasy; pgm of slow choral mx to 0259, M ancr tlc, ID  
@0300. //3287.6. 232(7-20 ed.) @1420.555(6-87 Klingenfuss-MAU)

7285 2251 R. Nederland Relay: Indonesian; RN closing theme, quiet 'til 2257, then  
odd celeste/synth version of IS,W/ID, into Indo pgm @2300. Over/under  
Polonia. 322(7-19 ed.)

9505 1412 RN Relay: Dutch; W long tlc (nx?), ID @1415, more tlc. 343(6-5 Trotto-FL)

9540 2030 RN Relay: EE; world nx, preview "Images" pgm. 444(6-9 Curtis-TN)

9715 2036 RN Relay: EE; nx: woman murdered in Amsterdam; nx of Africa. 322(7-9  
Havrilko-UK). 444(6-17 Curtis-TN)

MALAWI

5995 0404 MBC: Chichewa; W reads nx, mni ments Malawi & other African QTH's, M ID  
as "MBC" @0409, into lcl flute/vcl mx. Several Hz low of freq & under  
VOA. Gone by 0420. 322/311(7-16 ed.)

MALI

4834 2250 RN du Mali: FF; M w/ID, foll by hilife mx. 444(6-30 Havrilko-UK). 221(6-  
16 Bishop-NY)

7285 \*0655 RN du Mali: FF; cora IS (sounds like gtr), mil band NA @0658, ID "RTV  
Malienne..emettant du Bamako", reads freqs, other opening amnts, usual  
pgm military band mx. good(7-20 Sheedy-CA)

9635 0807 RN du Mali: vern/FF; M ancr w/tlc in FF/vernacs, lcl mx. 333(7-4 H'ko-UK)

MAURITANIA

4845 2255 RTV Mauritanie: AA; over/under Br zil w/AA mx, chanting. 333(6-30 H'ko-UK)

MOROCCO

9575 0759 R. Medi Un: AA/FF; M ID, AA nx about Korea. 454(7-4 Havrilko-UK)

9760 2135 VOA Relay: EE; Press Conference USA: Iran/Contra. 444(6-9 Curtis-TN)

15335 0022 RTV Marocaine (t): AA; AA vcis to 0028, then M tlc, w tlc, no ID hrd.  
444(6-21 Trotto-FL)

MOZAMBIQUE

3210.5 0345 R. Mocambique: PP; repetitive Afr mx, M in PP @0355, rock mx, RM 4-chime  
sig @0359, ID, nx by W. 332(7-6 George-MA). 342(7-14 ed.). @2203...

333-433(7-6 Havrilko-UK)

3280.2 0313 EP de Sofala, Beira: PP; nice selection EAF hilife mx, hyper M dj; @0330  
2 gongs, M full ID, fanfare, into feature pgm. Deep fades. 232(7-17 ed.)  
@1655.454(6-87 Klingenfuss-MAU)

3338 1657 Emis. Interprovincial: PP?; m folk song. 334(6-87 Klingenfuss-MAU)

4864.5 0413 R. Mocambique: PP; W morning exercises. //3210.5. H1 QRN. 332(7-14 ed.)

4866.5 0446 R. Mocambique: PP; M dj/Afr mx, cock crow @0447, mx, 4 chimes/ID @0459.  
333(7-6 ed.)

NIGER

5020 0533 ORTN: FF; Qur'an, M ID @0538 "Vous ecoutez toujours la station de ORTN  
Niamey..", pgm "Radio-Reveil", nx after ID @0600. 433(6-16 Orr-FL). @  
2025 in vern; RTTY QRM both sides. 422(7-9 Havrilko-UK)

NIGERIA

- 4770 2000 R. Nigeria, Kaduna: EE; M ID, nx. CW/RTTY QRM, best in USB. 232(6-29 Havrilko-UK)
- 4932 0606 R. Nigeria/R. Two: EE; M reads nx; //4990, not //4770. 343(7-3 ed.)
- 7255 0536 VO Nigeria: EE; nx, cmtly on African Refugee Day, Nigerian nx @0544. Buzzy audio/poor mod--what else is new? 333(6-20 Westenhaber-QUE)
- 15185 0630 VO Nigeria: EE; drums/tpts into nx, review of headlines & political speech @0640. Fluttery but fair(7-9 Sheedy-CA). @0758 mixing w/DW, muffled audio, not //7255. 333(6-29 ed.)

RWANDA

- 3330 0303 R. Rwandaise: FF; M ancr w/brief (2-4 min) selections of crude lcl mx, occ ID's, CHU QRM (natch!). 322/1(7-21 ed.)
- 7225 0328 Deutsche Welle Relay: Swahili; IS, ID, FF xmtr ID @0329, back to Swahili pgm @0330. Ham QRM. 222(6-30 ed.)
- 7255 1744 DW Relay: FF; ID, M/W w/some kinda language pgm; site ID in GG @1759. 444 (6-20 Havrilko-UK)
- 17610 1805 DW Relay: GG; M nx abt Weisbaden & Bonn. 454(7-6 Havrilko-UK)

SEYCHELLES

- 11790 0358 FEB: Amharic; IS, Feeba R. ID's, @0400 M ID/freqs, into rel pgm. 343(6-17 11865 \*0257 FEB: Parsi? IS/ID's to 0300 pgm start. Under UAE which dominates |Orr-FL) Freq. 322(6-29 D'Angelo-PA)
- 15300 0408 FEB: AA; rel pgms, M gives Beirut address @0412, another rel pgm @0415. 334(6-15 Orr-FL)
- 17850 0730 FEB: EE; ID, "DX Postbag" w/Alok Das Gupta, What They Believe, Christian News Rpt, 0835\* w/IS. //15115. fair(6-21 Shimada-JPN)
- 17875 1143 FEB: AA; M tlk, AA mx, ID, IS, off 1145\*. 232(6-2 Trotto-FL)

SOUTH AFRICA

- 3215 0410 R. Oranje: Afk/EE; rooster crow, polka mx, cigarette ads. 233(7-6 George-MA. 252(6-7 D'Angelo-PA)
- 3320 2240 R. Orion(t): Afk; M ancr, country mx, FAX & RTTY QRM. 433(6-19 H'ko-UK)
- 4880 0440 R. Five: EE; The Breakfast Show: pop mx, fan mail, ads for cough medicine, circular saws, cigarettes. 454(6-1 Rucker-MS). 332(6-17 Miller-CA). @ 2120 pop mx pgm, ID @2125 by M. 343(7-9 Havrilko-UK)
- 5980 0526 R. RSA: FF; FF pop mx, M dj, ID/TC @0531. 322(6-30 ed.)
- 6010 0216 R. RSA: EE; speech by Botha, products made in SAF. 242(6-9 Sampson-WI). 433(6-18 Miller-CA)
- 6105 0547 R. Oranje: Afk/EE; Afk DJ, eclectic mx (EZL, EZ classics, pops), W w/ "R. Ar-an-ya" ID. good(7-12 Sheedy-CA)
- 7149.1 0605 Capital Radio: EE; M nx, ID, wx forecast, jingle, pop mx. 322(7-6 ed.). @0533 w/Cosby routine, traffic. Poor/fr w/ham QRM(7-9 Sheedy-CA)
- 7285 0612 R. Suid Afrika/SABC: Afk; EZL mx, Afk/EE ads, ID @0630. //6005 has Reloj QRM. good(7-16 Sheedy-CA)
- 9585 0611 R. RSA: FF; Georges Roulet presents SAF Hit Parade. 343(6-20 Westenhaber-QUE). @0625 in EE. 333(6-14 Brown-IL)
- 9665 0520 R. Five: EE; mix of pops/EZL mx, ID @0522, airline ad. Jammer QRM; //much better 4880. Poor(7-4 Sheedy-CA)
- 9720 0200 R. RSA: EE; nx, cmtly: democratic change in SAF. 344(6-3 Wright-MB)[Note: this freq discontinued. -ed.]
- 11730 0203 R. RSA: EE; nx: new terms of state of emergency. Freq since discontinued. 232(6-12 Westenhaber-QUE)
- 11900 0635 R. RSA: EE; M mid-nx ID, nx: Chad prez visits Paris. 343(7-14 ed.)
- 15140 1400 R. RSA: EE; tlk abt Port Elizabeth, nx. //17780(444). 444(6-21 Miyauchi-JPN)
- 21590 1524 R. RSA: EE; Mailbag, ID, SAF Panorama. 333(6-12 White-FL)

SOUTH WEST AFRICA

- 3270 2140 R. SWA: Afk; M tlks, EZL mx. Heavy CW/RTTY QRM. 322(6-30 Havrilko-UK)
- 3290 0424 R. SWA: GG/Afk; M GG sermon, rel mx, W ID Afk, fanfare, headlines, into Muzak version of "Venus". 343(7-6 ed.)
- 4930 0652 R. SWA(t):Afk; rel mx, hymns. Bad QRM. Poor(7-19 Sheedy-CA)
- 4965 0650 R. SWA(t): Afk; same religious service as //4930, better here.(7-19 Sheedy)

SWAZILAND

- 4760 0326 TWR: Swa; Afr acapella mx, M anmt @0329, one IS, off 0330\*. 222(6-26 Westenhaber-QUE)



SWAZILAND (cont.)

4980 \*0445 Swazi Commercial R.: EE; Open carrier to 0455, then continuous mx IS, M ID @0500, into EZL/lite classics, occ M anmt. Gone by 0530. Hi QRN. 332/1 (7-5 ed.)

5055 0535 TWR: EE; tlk, rel mx, Inspiration. 332(6-19 Miller-CA)

7110 0535 TWR(t): EE; EE religious pgm. ham QRM. fair(7-17 Sheedy-CA)

11740 1526 TWR: Urdu; IS/EE ID, Urdu pgm for Pakistan & India. 444(6-25 Miyauchi-JPN)

TOGO

● 5047 0529 R. Togolaise: FF/vern; band NA, M ID, childrens' chorus, M pres prayer and choral hymn. 242(6-21 Westenhaber-QUE). @2123 in FF, best in USB. 333(6-29 Havrilko-UK)

TUNISIA

7310 0418 R. Tunis: AA; M tlk, into vcl mx, ID @0430. //7475 better. 343(7-16 ed.)

● 7475 \*0328 R. Tunis: AA; NA, ID "Idha'atu at-Jumhiriya al-Tunisiyyah", brief anmts, into Qur'an. //strong 7310. 444(6-24 Rocker-MS)

11550 0721 R. Tunis: AA; radio play, W ID @0733, phone interview. 443(6-16 Orr-FL). @0658, hrd as early as 0530...fair(7-8 Sheedy-CA)

12005 0655 R. Tunis: AA; M/W ancrs, AA mx, off @0700\*. QRMoscow. 333(7-4 H'ko-UK)

17610 0849 R. Tunis: AA; AA mx pgm over/under Moscow. 433(7-4 Havrilko-UK)

UGANDA

4976 2051 R. Uganda: vern; W ID, lcl pop mx. 322(7-9 Havrilko-UK)

5026 2056 R. Uganda: vern; M tlk in vernacs, lo mod. 322(6-11 Havrilko-UK)

ZAIRE

5066.3 1825 R. CANDIP: FF/vern; M/W ancrs, lively lcl mx, ID @1859, vern @1920, FF @ 1934, off @1939\*. Mni IDs. CW QRM. 332/343(6-7 Havrilko-UK)

● 15244.6 2250 LV du Zaire: FF; in the clear - no HCJB. Hillife mx, clr ID preceding tlk; drums: "Vous écoutez La Voix du Zaire, emettant du Kinshasa", list of times/freqs, NA, off @2301\*. 343(6-22 George-MA)

ZAMBIA

4910.1 \*0348 R. Zambia: vern/EE; fishesagle IS to 0350, no NA, W vern ID, drums, W EE ID "R. Zambia", log drums, vern dj/lcl mx pgm. 333(7-17 ed.)

7219.5 0511 R. Zambia: vern/EE?; uptempo tribal rhythms, ID @0514, more mx. VOA QRM. Hard to tell if vern or accented EE. 222(6-30 ed.)

9581 2014 R. Zambia: EE/vern; drums/vcls, M dj to 2032, W vern ID, tlk, ID, more tlk as QRM increased; no audio hrd past 2045, carrier gone by 2100.222(7-1 ed)

ZIMBABWE

3395.6 0403 V0 Zimbabwe: EE; W nx, ID @0403, nx ends @0409, drums, M ID. Much QRN. 232/1(7-17 ed.). 211(7-6 George-MA). @2004 pop mx, ID AS "Zed BC". Finally logged this one! [Congrats!-ed.] 322(6-12 Havrilko-UK)

CLANDESTINE

4975 0512 A Voz da Resistencia do Galo Negro: PP; PP/vern; M in vern, lcl guitar mx; ID in PP @0526, some kind of anthem, off @0528\*. 343(7-7 ed.) @0455 tlks abt Savimbi, Angola. Seemed to be USB AM sig..no LSB audio. fair (7-20 Sheedy-CA)

5015 0459 R. Truth: EE; end of economic tlk, fanfare @0500, W s/off anmt "...goodbye for now from the staff of Radio Truth", bird IS, off @0501\*. 333(7-14 ed.). fair-good(7-20 Sheedy-CA)

9045 0415 Iran's Flag of Freedom Radio: Farsi; M political tlk, // better 15555. fair(7-21 Sheedy-CA)

15555 \*0330 Iran's Flag of Freedom Radio: Farsi; IS, ID's in EE/FF/Farsi, single time pip, anthem, into cmty by 2 men. QSB. Good(6-27 Sheedy-CA). @0430...343 (6-26 Trotto-FL).

UNIDENTIFIED

4980 2230 UNID: vern; alternating M/W ancrs talking; slight het. Possibly Swazi Comm. R./R. Paralelo, although neither sked at this time. 333(7-3 Havrilko-UK)

**ODDZNEWS:** From Ed Kusalik-AB, via World of Radio, comes a new address for Radio Truth: c/o Mr. Maxwell Thomas, Box 996, Vienna, VA 22180. Sked is 17-1730 vern, 1730-1800 EE, 04-0430 vern, 0430-05 EE, all on one frequency, 5015 kHz..... Sked for Cote d'Ivoire, as monitored off the air at s/on: 0600-0000 on 4940 and 7215, 0600-1900 on 6015, and 1900-0000 on 11920. 7215 and 11920 seem irregular. ....R. Nacional de Angola's Programa B, which uses 7245/9535/11955 kHz, announces this vern language sked at around 0529 : 0530 Kimbundu, 0600 Chichewa, 0630 Ganga, 0700 KiKongo, 0715 Chokwe, 0730 Ambo, 0830 (inaudible), and 0900-1100 "Programa del Province", whatever that is.....Via GH/SWLD, Bob Padula in Australian DX News sez Yaounde, Cameroon has dropped 4850 in their evenings, heard instead on 6060 until 0000\*. Haven't been able to confirm this, but I know 4850 remains active in their morning b/c's.....Logs in this month's column attributed to Joerg Kligenfuss-MAU were taken from his logs made on a recent DX-pedition to Mauritius, Reunion and Rodrigues. Conspicuous by its absence was any mention of Mauritius on shortwave, either 9709 or 4855 kHz, so we must presume they're inactive. A frequency change noted was Antananarivo, Madagascar, which has moved from 693 kHz to 630 kHz in the MW band. Guess this pretty much kills any chance stateside monitors had of logging this country on the broadcast band (yuk yuk.....).....Speaking of absences, no one on this side of the pond seems to be able to find Bertous, Cameroon/4750, Senegal/anywhere, or any regional Nigerians. I've had several excellent 60/49 mb openings to Africa, and heard nary a peep outa Jos/5965, Kaduna/6090, Calabar/6145 or Lagos/7285. Until I hear otherwise, I'm going to assume that these channels are not active. Ditto for Sudan on shortwave.....from the July DSWCI Shortwave News come some interesting logs: Vashek Korinek of S. Africa hears Madagascar on reactivated 2494.7, //3287.6 @0325, and Angola's ER da Lunda-Sul, 4860 kHz, also reactivated and heard around 2230\*.....also from DSWCI, Massimo Cerveglieri-ITL reports this sked for Ghana: GBC-1 (vern): 0530-0900 & 1200-2300 (Sundays/holidays 0530-2300) on 4915, and 0530-0900 on 3240 or 3350; GBC-2 (EE): 0530-0900 & 1700-2300 on 3366, 1155-1700 (Sundays/holidays 0900-1700) on 7295.....from Media Network comes word that BBCMS has found a new clandestine believed to be operating from the Sudan, called Radio Voice of Ethiopian Unity, in Amharic from 1900-2000 on 7200, 9660, and an as-yet-undiscovered 25 mb frequency..... from CIDX Messenger, David Clark-ONT has heard R. CANDIP on 3390.2 @0353.. He's also logged Zambia on 7234.9 @0510 in vern, and Mozambique on 7242.7 at 0505, all in late May..... I have noted marginally-readable signals from Radio Tanzania-Zanzibar, on the low side of 11735 kHz, around 16-18 or so in the past few weeks, but not ambitious enough to dig in and get a good log (in other words, too darned lazy!)....A reminder that Switzerland uses Gabon relay for its 2200 b/c on 9625, beamed to South America. Logs, anyone?.....Still working on my promised 41-m Africans list, but condx not primo for monitoring late sign-ons yet. Watch this space.....Several publications you should be aware of; first is Glenn Hauser's quirky but informative DX Listening Digest and the companion Review of Int'l Broadcasting. For the DX'er, the first is a must, the latter a luxury; for the program listener, vice versa. More info on a special offer on p.2 of this bulletin.....also invaluable are the latest editions of DSWCI's Tropical Bands Survey (8 IRC's) and DSWCI's Home Service Stations outside the Tropical Bands (Also 8 IRC's), prices airmail from Danish Shortwave Club Int'l, Tavleager 31, DK-2670 Greve Strand, Denmark.....for those who can appreciate a little levity, the DX bulletin parody, "Blandx" strikes again! 36 pages of nonsense for the bargain price of \$2 in North America, \$3 or 8 IRC's elsewhere, from Don Moore, 693 Fullerton Ave. Apt. 103N, Glendale Hts, IL 60139.....Monitored sked for the best/easiest place to hear African mx, namely Africa #1 in Gabon: 05-06 on 4830, 06-1700 on 7200, 0700-?? on 11940, 0800-1655 on 15200, 1700-2100 on 15475, and 1700-2300 on 4830 again.....Will someone please clear this up for me: what exactly does "co-channel QRM" mean...is it QRM on the same channel as the station you're monitoring, or QRM from an adjacent channel? .....Here-We-Go-Again Dept.: Your loggings and comments are always most welcome here. Please try, however, to follow these guidelines: 1)use standard report strips or similar-sized substitutes. I will send you some for a SASE. 2)Cut your logs into strips. 3)Do not send old logs. My cutoff date is the first of last month (so for, say, Sept 12 deadline, send no logs made before August 1). 4)PRINT LEGIBLY! It's a waste of your time and mine to scribble! 5)Find a comfortable mix of details per logging. A simple "M tks" is not usually enough, and an hour worth of minute details is too much. If you just about fill up the space on a standard report form, you're doing OK. 6)Do not send more than one log for the same station on the same frequency.....I must admit that I've managed to ramble on at quite a length this month..hope some of you have persevered so that I can thank everyone for making this such a fun column to edit, and wish all of you a cool August filled with DX.....

Then again, perhaps I'm being too hasty...via FT comes a log on 4855.1 @1840 on 7/9 from Schulze-FRC

73, al



**Bob Thunberg**  
**409 Burt Street**  
**DuBois, PA 15801**

**Deadline: 12th**  
**Dates/Times: UTC**  
**Frequencies: KHz**

I spent a few days in Washington D.C. this week, but unfortunately was unable to tour the VOA HQ. Next time I'm there I'll be sure to make that my first stop. And no, I did not attend the Iran/Contra hearings that were taking place at the time-I've seen enough on TV! Remember, those freqs found in the July A/O column will not be listed this month....

<u>CHINA, PEOPLE'S REPUBLIC</u>		Central People's Bcast Stn	R. Beijing
2340p	1240	<u>Fujian</u> PBS: CC: OM tkl (121 5/16 Uerlings-OR) most of James' loggings are a little outdated this time, but I will include his tropical band selections as their freqs & skeds don't change as often as higher band freqs.ed.	
2475p	1258	<u>Zhejiang</u> PBS: CC: YL tkl (121 5/16 Uerlings-OR)	
4760p	1255	<u>Yunnan</u> PBS-Kunming: CC: tkl, flute & percussion mx; TPs @ 1300 into prob nx w/ment of Chun Doo Hwan (232 6/27 Thompson-CA)	
8260t	1345	RB: CC: YL tkl, mx; listed in WRTH but not RDI (323 6/8 Berri-CA)	
8345p	1340	RB: CC: YL tlks; SEA Svc (322 6/8 Berri-CA)	
9535	1100	RB: EE: wld mx, CC mx (222 6/26 Alexander-NJ)	
	1200	EE: nx, part 1 of "Four Generations Under One Roof" (544 6/29 Kline-CA)	
9730	1300	RB: EE: nx, "Culture in China"; 1355* (554 6/4 Kline-CA) // 9550	
11650	1209	RB: EE: "News About China" (343 6/28 Trotto-FL)	
15165	1402	RB: EE: nx, Press Roundup, organ mx (333 6/20 Miller-CA)	
15180	*0300	RB: EE: IS, Xiao Du reads nx; //15280 under KGEI (242 6/28 Westenhaver-QU)	
17650	0235	RB SS: CC vcl mx (6/16 Jones-TX) OM tkl, mx (343 6/25 Soomre-MA)	
17770p	0239	CPBS-2: CC: OM & YL tkl (242 6/25 Soomre-MA)	
<u>CYPRUS</u>		British Bcast Corp Relay	
11705	0435	BBC: EE: wld nx, interview; vy pr signal (6/29 Thompson-CA)	
15420	0400	BBC: EE: "Newsdesk", Press Review (353 6/19 Shaffer-PA) (353 6/15 Orr-FL)	
17740	1506	BBC: EE: "Radio Newsreel", "Focus on Africa" to E. Africa; QRM de jammed RFE in Polish on 17735 (222 6/18 Westenhaver-QU)	
<u>INDIA</u>		All India Radio	
15110	0035	AIR Delhi: EE: YL w/nx, ID, mx; WHRI QRM de 15105 (232 6/4 Trotto-FL)	
<u>INDONESIA</u>		Radio Pemerinta Daerah	Radio Republik Indonesia
2904.85t	1224	RPD2T Ngada Bajawa: IN: OM tkl, nx (111 5/25 Uerlings-OR)	
3222.75t	1247	RRi Mataram: IN: OM w/long tkl (122 5/25 Uerlings-OR)	
3241.48t	1253	RRi Ambon: IN: OM tkl (122 5/25 Uerlings-OR)	
3249.8p	1259	RRi Banjarmasin: IN: "Love Ambon", nx @ 1300 (122 5/25 Uerlings-OR)	
11788	1320	V. of Indonesia: FF: EZL mx, tkl in fractured FF (433 7/1 Zirkelbach-CA)	
<u>IRAN</u>		Voice of the Islamic Republic of Iran	
15315	0401	VOIRI: FARSI: tkl, mx; ID @ 0402; QRM de bubble jammer & R. Australia (323 6/17 Orr-FL)	
<u>IRAQ</u>		Radio Baghdad	
9875	2100	RB: EE: nx of Irani aggression; AA vcl mx (545 6/18 Robinson-TN)	
15110	0540	RB: AA: YL chants, ME mx (232 6/6 Uerlings-OR) poss nx @ 0640, AA mx till chimes @ 0700, ID by YL (343 6/26 Trotto-FL)	
<u>ISRAEL</u>		Kol Israel	
9435	2200	KI: HH: IDs, nx of Arafat & Jerusalem (545 6/6 Robinson-TN)	
9857	0300	KI: HH/RR: TPs, HH ID into RR tkl & piano mx (322 6/23 Worob-TX)	
11610	0000	KI: EE: "Israel Sound"; // 9855 (454 6/9 Fraser-MA) (433 Bishop-NY)	
	2230	SS: tkl of "Palestine para Latin America", mx (555 6/13 Robinson-TN)	
	2300	EE: memorial monument to children of Holocaust (433 6/28 Zirkelbach-CA)	
11960	*0400	KI: EE: frequently announce freq as 11966 but so far still here co-channel w/HCJB; xmsn is reduced (not suppressed) LSB & carrier-requires VFO, preferably narrow filter; //9435, 9815, 11585 (222 to 333 7/7 Munster-CA)	

ISRAEL cont.

13725 1922 KI: EE: "Israel Sound", nx; was in USB mode (353 6/25 Rocker-MS)  
 15095 2130 KI: EE: Italian Jews tlk to Pope abt visit to Austria (444 6/19 Curtis-TN)

JAPAN

5990 1400 RJ: EE: "Current Affairs", "Japan Scene" etc. (544 6/4 Kline-CA) end of "Our Heritage", "Let's Practice Japanese", nx (151 6/12 Sampson-WI)  
 9595 1615 NSB: JJ: YL tlk, "Think" song from Jeopardy TV pgm, ID & 1630\* (343 6/27 Trotto-FL) YL tlk & ads (554 6/21 Miller-CA)  
 9605 \*0200 RJ: JJ: IS, ID; QRM de DW-Antigua (222 6/6 Trotto-FL)  
 9695 1420 RJ: EE: "Japan Scene" on tea ceremonies (444 7/1 Zirkelbach-CA) JJ lang lesson (434 6/19 Curtis-TN)  
 9760 0550 NSB: JJ: beautiful class mx; YL tlk (443 6/24 Thompson-CA)  
 11875 0740 RJ: EE: tlk on whales & JJ whale research (444 6/17 Zirkelbach-CA)  
 15195 2315 RJ: EE: modern JJ fiction & book shops (333 6/28 Zirkelbach-CA)  
 15260 0715 FEN: EE: NBC Sports, ID; wk & fading; //6155 (141 6/28 Carlisle-WA)  
 15350 0448 RJ: JJ: test xmsn w/ endless tape of class & Andes mx; JJ IDs stating test xmsn; // 9580 (444 6/20 Miyauchi-JP)  
 17810 0525 RJ: EE: "Tokyo Pop-In" w/post war songs (444 6/25 Zirkelbach-CA)

KAMPUCHEA

6142.6t 1306 VOPK Home Svc: KHMER: OM, YL w/long tlk; pr mod. (222 5/30 Uerlings-OR)

KOREA, DEM. PEOPLE'S REP./ Korean Central Bcast Stn Radio Pyongyang

2300p 1239 KCBS-Hyesan: KK: YL tlk (222 5/16 Uerlings-OR)  
 11335 1528 RP: AA: ID, YL tlk, mx; NA & 1549\* (232 7/1 Sharpe-CA)  
 15140 0400 RP: EE: IS, anthem, nx, cmtly on S. Africa; 0449\* (322 7/3 Evans-TN)

KOREA, REPUBLIC OF/

Radio Korea  
 9570 1325 RK: EE: "Shortwave Feedback" (555 6/14 Miller-CA)  
 9750 1300 RK: EE: nx, "Sights & Sounds", etc; 1359\* (554 6/27 Kline-CA)  
 15345 1345 RK: EE: tlk on US/Korean trade (343 7/8 Couch-TN)  
 15575 1335 RK: EE: "SW Feedback" (555 6/14 Wright-MB) Olympics tlk (333 Addison-KS)  
 2227 EE: IS, s/on, nx (333 Hawkins-TX) nx @ 2245 (151 6/7 Sampson-WI)  
 0120 EE: "Sights & Sounds" (433 6/27 Zirkelbach-CA) KK lang lesson (Bishop-NY)

KUWAIT

Radio Kuwait  
 11675 1908 RK: EE: rock mx incl "Stairway to Heaven" (333 6/21 Trotto-FL)  
 11990 1330 RK: AA: AA vcl mx, "Huna al-Kuwait" @ 1337; drama (fr 6/23 Shinada-JP)  
 15495 1918 RK: AA: drama, ID; // 15505 (333 6/27 Dillon-CA)  
 15505 1655 RK: AA: AA mx, TPs @ 1700, ID, wld nx; Call to Prayer (444 Dillon-MD)

LAOS

7383.63p 1314 Savannakhet: LAO: OM w/long tlk (212 5/30 Uerlings-OR)

MALAYSIA, EASTERN/

Radio Malaysia  
 4835 \*0600 RM-Kuching: MALAY: IS, ID, tlk, lcl mx (544 6/22 Miller-CA)  
 4950 1410 RM-Kuching: EE: tlk on cocoa production (322 6/16 Zirkelbach-CA)  
 1051 EE: C&W mx; TPs, nx @ 1100, mx, soccer report (343 6/29 Kline-CA)  
 4970 1305 RM-Kota Kinabalu: MALAY: OM chanting-Qur'an? (242 6/27 Thompson-CA)

MALAYSIA, PENINSULAR/

9750 1426 V. of Malaysia: ?? (poss. Indo..ed.): 40's & 50's EZL mx; YL w/ID @ 1430 (343 6/5 Trotto-FL)

MONGOLIA/

Radio Ulan Bator  
 12015 \*1200 RUB: EE: IS, ID, nx; QRM de R. Beijing (444 6/23 Miyauchi-Japan)

OMAN

Radio Oman British Bcast Corp  
 15385 1300 RO: AA: ID, nx w/items on USA, USSR, S.Africa. Israel (333 6/30 Gager-Aust)  
 21470 1600 BBC: EE: nx of OPEC, Iran/Iraq war (333 6/30 Gager-Austria)

PAKISTAN/

Radio Pakistan  
 4790.18p 1204 Azad Kashmir Radio: Unid lang: S. Asian chanting (322 5/23 Uerlings-OR)  
 11615 1515 RP: URDU/EE: nx, cmtly, mx; EE @ 1600; radar-pulse jammer after 1630 (333 6/28 Miller-CA)  
 17660 0240 RP: EE: slow-speed nx by OM (343 6/25 Soomre-MA)

PHILIPPINES/

Far East Bcast Co Radio Veritas Asia Voice of America  
 6120 1433 FEBEC: RR: tlk abt Bible; IDs @ 1445, 1500, hymn (232 7/6 Sharpe-CA)  
 6160 1300 RVA: BURMESE (listed): YL tlk, mx, ID by OM; KACHIN (listed) lang @ 1330 w/SEA mx, OM tlk (322 6/26 Sharpe-CA)



PHILIPPINES cont.

6200 1123 RVA: EE/KK: EE ID into KK @ 1130 w/tlks & mx (554 6/23 Miller-CA)  
9540 1414 RVA: VV (listed): relg tlk, mx (544 6/12 Miller-CA)  
9670 1405 FEBC: EE: philately, relg tlk; nx @ 1430; ex-9665 don't confuse w/FEBA  
which is listed on 9670 (pr-fr 6/30 Famularo-Japan)  
9710 1502 RVA: EE: "Your Choice" pgm w/Flo Vargas, nx (444 6/9 Miller-CA)  
9760 1205 VOA: EE: nx of Iran hearings & Ollie North (444 7/1 Worob-TX) sports nx,  
nx of Korean unrest (333 6/19 Curtis-TN)  
11850 1445 FEBC: EE: relg tlk, ad for free book (333 6/25 Zirkelbach-CA)  
15290 2222 VOA: EE: Sports pgm, nx @ 2230 (444 6/5 Curtis-TN)  
15330 0135 RVA: EE: "Respectable Homes" pgm on cleaning stains & on TV violence; ID,  
church & wld nx (good 7/2 Famularo-JP)  
15445 1750 VOA: EE: honky-tonk country mx (334 6/19 Miller-CA)  
15455nf 0032 FEBC: EE: nx; ex-15445 to avoid R. Beijing (fr-gd 7/1 Famularo-JP)  
17740 2207 VOA: EE: wld nx, "Newslines" @ 2210 (333 6/24 Curtis-TN)

QATAR

Qatar Bcast Service

15265 1637 QBS: AA: tlk w/orch mx; AA mx, Qur'an; ID @ 1702 into presumed nx (222 7/4  
Evans-TN) AA vcls; 6 TPs & ID @ 1700, nx (333 6/21 D'Angelo-PA) @ 1440 w/  
AA instl mx, ID (333 6/30 Gager-Austria)

QBS SW sked: 0245-0800 on 9585; 1000-1400 on 15395; 1400-1800 on 15265; 1800-2120 on  
11820 kHz. [direct, Paul Gager-Austria] power listed as 250 kW

SAUDI ARABIA

Bcast Service of the Kingdom of Saudi Arabia

7279.9 0303 BSKSA: AA: Home Svc pgm w/Qur'an recitation; hrd atop VOA-Monrovia; //9720  
(333 6/30 Quaglieri-NY)  
15060 0400 BSKSA: TURKISH: NA, ID, anmts, Qur'an (454 6/17 Rocker-MS)  
15140 0517 BSKSA: AA: AA pop mx, clr ID @ 0519 (343 6/16 Orr-FL) AA mx, ID; covered  
by R. Sofia GG Svc @ 0530 (222 6/26 Trotto-FL)  
15430 0600 BSKSA: AA: TPs, ID, nx to 0615; //15140 (333 6/26 Trotto-FL)  
21495 0810 BSKSA: AA: Qur'an recitation (343 7/1 Gager-Austria)

SINGAPORE

Singapore Bcast Corp British Bcast Corp

9635 1315 SBC #3: CC: OM/YL w/Asian instl mx pgm; ID @ 1400 (332 6/14 Carlisle-WA)  
11750 1445 BBC: EE: tennis, soccer scores (545 6/20 Miller-CA) "Radio Newsreel" @  
1500; "Saturday Special-part II"(333 6/13 Soomre-MA)  
11940 0900 SBC: EE: "Radio One" ID, nx, mx ads, wx info (433 6/30 Imel-CA)  
1427 EE: rock mx, nx @ 1500; 1602\* (353 6/29 Kline-CA) EZL & pop mx; TC "it's  
midnight @ 1600, nx, wx, anthem & 1603\* (433 7/1 Zirkelbach-CA)  
17710 0021 BBC: EE: "Radio Newsreel" (252 6/17 Orr-FL)  
17770 1055 BBC: EE: cricket-England vs Pakistan (good 7/2 Famularo-JP)

SRI LANKA

Voice of America Sri Lanka Bcast Corp

9645 1345 VOA: EE: "People in America"; nx @ 1400; under co-channel R. Australia  
(fair 6/21 Shimada-Japan)  
15120 1033 SLBC: EE: "Music from Sri Lanka" w/western pops! ID, TC for 1615 @ 1045UTC  
(fr-gd 6/29 Famularo-JP) Well Ralph, the mx did come from Sri Lanka; now  
if the pgm was named "Mx of Sri Lanka"....ed.

SYRIA

Radio Damascus

9950 0405 RD: AA: ID, wld & Mid East nx (444 6/30 Gager-Austria)  
12085 2020 RD: EE: nx of Zionist occupiers, mx (545 6/13 Robinson-TN) (422 Miller-CA)  
2122 EE: Press Review, AA mx (444 6/19 Curtis-TN) (322 Uerlings-OR)  
15020 1900 RD: FF: IS, ID, YL w/mx pgm (444 7/3 Jones-TN) wld nx, mx; // 12085 (242  
6/13 Westenhaber-QU) @ 2020 in EE: nx & mx (333 7/2 Blair-CA) this freq  
was listed last month but was included here as it seems that Damascus is  
now using 15020 for its Int'l Service as well as its Home Svc....ed.

TAIWAN

Voice of Free China

9765 1353 VOFC: VV: OM tlk, EE EZL mx; ID, IS into sked HAKKA lang @ 1400; QRM de  
VOA-Philippines on 9760 (fr-pr 6/30 Famularo-Japan)  
11550p 1537 WYFR via VOFC: HINDI/EE: relg mx, YL in HINDI; EE relg tlk; address given  
in both langs; clearly intended for India & therefor presume to be via  
VOFC xmtrs (353 6/12 Sharpe-CA)

TURKEY

Voice of Turkey

6340 1409 Turkish Police Radio: TURKISH: ID, Turk. mx (333 6/30 Gager-Austria)  
9560 2200 VOT: EE: lcl nx, Press Review, Turk. mx, "DX Corner"; target stated as  
W. Europe (444 6/27 Dillon-MD) (544 6/17 Curtis-TN) (332 Miller-CA)

TURKEY cont.

15220 0355 VOT: TURKISH: IS, ID "Burasi Turiyenin Sesi Radyoso" by YL & OM, NA; vy strong signal (455 6/17 Rocker-MS) string & wcl mx, OM annts; // 15105 (444 6/16 Orr-FL)  
17890 0236 VOT: TURKISH: mx & tlc by OM (343 6/25 Soomre-MA)

USSR ASIAN/

Radio Moscow

4930 2329 RM-Ashkhabad SSR: RR: IS, ID by YL, nx by OM; RDI says Tbilisi is silent at this hour (252 6/14 D'Angelo-PA)  
5925 1448 R. Tashkent: UICHUR: lcl string mx, dramatic dialogue; @ 1500 Mayak RR pgm (fr-gd 6/30 Famularo-Japan)  
7265 1500 RM-Komsomolsk (per RDI): EE: wld nx, ID (545 6/28 Berri-CA)  
9580 0655 RM-Blagoveshchensk: EE: promo for "Home in the USSR", mx filler,s/off annts for NAM Svc (333 6/20 Rocker-MS)  
9640p 1700 Petrovavlovsk-Kamchatskiy: RR: ID, nx & cmty; RR pop & soft rock mx (343 7/4 Sharpe-CA)  
12025 1458 RM (unid site): HINDI: IDs in EE & HINDI, nx w/correspondent's reports; tlc on food or cooking. pop mx (322 6/22 Sharpe-CA)  
12050 0235 RM-Khabarovsk: EE: nx, feature on poet; WCNA pgm @ 0300 w/nx, "Outlook", cmty (333 7/4 Evans-TN)  
15395 \*1500 RM: DARI: "Inja R. Maskau" ID, s/on annts w/ment of Afghanistan; hrd over VOA-Sri Lanka (343 6/20 Westenhover-QU)  
15500 1930 RM-Yerevan: EE: nx, "Inside Report"; QRM de Kuwait on both sides (333 6/25 Rocker-MS)

UNITED ARAB EMIRATES/

Radio Dubai

7215 1730 V. of UAE-Abu Dhabi: AA: Qur'an, ID & ME nx (444 7/2 Gager-Austria)  
11865 \*0149 V. of UAE: AA: OC to tone @ 0155, guitar IS @ 0210 for 2 min., NA, OM w/ ID & freq sked; Qur'an; // 15405 (454 6/29 D'Angelo-PA)  
15405 0304 V. of UAE: AA: nx in city-item format; full ID during nx @ 0406 (434 6/28 Westenhover-QU) AA pop mx, ID @ 0327, nx (554 6/17 Orr-FL)  
15435 0330 RD: EE: wld nx (333 6/30 White-FL) (322 6/17 Rocker-MS)  
17890 0340 RD: EE: nx, "Women in the Qur'an"; // 15435; easily the best signal on 16m at this hour (454 6/18 Rocker-MS)

VIETNAM/

Voice of Vietnam

4414.25t 1145 R. Lam Dong: VV: OM w/long tlc (122 5/23 Uerlings-OR)  
4699t 1155 Gia Lai-Kon Tum: VV: OM tlc (122 5/23 Uerlings-OR)  
9840 1600 VOV: EE: cmty on Cambodia; into FF @ 1630 (222 6/13 Johnson-CA) tlc on hydroelectric plant near Hanoi, mx (433 6/25 Zirkeibach-CA)

YEMEN ARAB REPUBLIC/

9780 0450 R. San'a: AA: ID,AA mx (222 6/30 Gager-Austria)

CLANDESTINE/

17680 0405 V. of Dem. Kampuchea: KHMER: YL/OM tlc w/ments of Phnom Penh; // 15110 & also hrd @ 0935 on 17533.1 kHz (444 6/21 Miyachi-Japan)

OCEANIA /

AUSTRALIA/

Radio Australia

2325 1237 VL8T-Tennant Creek: EE: country mx; //2310-Alic Springs (211 Uerlings-OR)  
2485 1259 VL8K-Katherine: EE: 60's pop mx; TPs & nx @ 1300 (121 Uerlings-OR)  
4920 0920 VL4M-Brisbane: EE: big band mx; signal fades w/sunrise (232 6/27 Dillon-MD)  
5995 0930 RA: EE: "Australian Country Style" (555 6/19 Robinson-TN)  
9580 1030 RA: EE: nx of tallest cake (5 stories) in the world (444 6/26 Alexander-NJ) propagation report @ 1225 (333 6/15 White-FL) tlc on upcoming PNG elections (Dillon-MD) "Open to Question" (Kline-CA)(Robison & Curtis-TN)  
9610 1005 VL4O-Perth: EE: Wimbledon report, mx (322 7/3 Brown-IL) ABC nx, Perth wx, MOR mx feature (444 6/13 Fraser-MA)  
9715 1100 RA: EE: sports, drama abt Botany Bay (545 6/7 Robinson-TN)  
9760 0822 RA: EE: PNG Svc of nx & sports (343 6/26 Trotto-FL)  
9770 1100 RA: EE: nx of Aust. Olympic Federation (545 6/15 Robinson-TN)  
15160 0540 RA: EE: country mx pgm (343 6/10 Shaffer-PA) missionaries in PNG (353 6/14 Wright-MB) nx, pop mx (444 6/29 Imel-CA) (544 6/17 Miller-CA)  
2212 EE: ID, intvw; QRM de VOA & Pyongyang in SS (222 6/3 Trotto-FL)  
15320 \*0300 RA: EE: nx, jazz oldies, sports; prob. backwave of xmsn to Africa (353 6/20 Munster-GA) @ 0033 w/Aust. nx (434 6/21 Trotto-FL)  
\*2145 EE: IS to 2159 s/on; "Int'l Report"; // 17795 (444 6/24 Curtis-TN)

AUSTRALIA cont.

15425 0535 VLW15-Perth: EE: nx, wx, "Story World" radio drama (444 6/25 Zirkelbach-CA) metro wx, ID/TC, radio comedy (252 6/4 Quaglieri-NY)(Imel)(Orr-FL)  
17750 2357 RA: EE: mx, sked, "Int'l Report" (242 6/25 Rocker-MS) pgm on farming, class mx; 0056\* (343 6/21 Trotto-FL)  
17775 0157 RA: EE: sked, "Int'l Report" w/Peter McArthur (333 6/17 White-FL) WI  
17795 0020 RA: EE: mx, nx (343 6/3 Levison-PA) @ 0248 w/nx of S.Korea (454 Sampson-2300)  
EE: nx, "Int'l Country Mx" (454 6/10 Kline-CA)(Curtis-TN)(Trotto-FL)

COOK ISLANDS

Radio Cook Islands

11760 0453 RCI: MAORI: instl mx; OM/YL w/poss nx; signal improved after 0515 (232 to 333 6/24 Thompson-CA) island mx, ID (433 6/17 Miller-CA)

GUAM

9820 1500 KTWR: EE: "Through the Bible"; RTTY QRM (433 7/1 Zirkelbach-CA)  
11805 0845 KTWR: EE: for Japan & N. Pacific; "Arthur Cushen's DX World"; "Wesleyan Hour": IS 0930-0935 then EE to ANZ (gd 6/21 Shimada-JP) relg pgm, IS & ID (243 6/20 George-MA)

MARTANA ISLANDS

15305 0015 KFBS-Saipan: BURMESE: relg mx, OM tlk; 0100\* (232 6/21 Miller-CA)  
17780 0552 KYOI-Saipan: EE: "All Hits KYOI", ID @ 0600 (252 6/4 Quaglieri-NY)

MARSHALL ISLANDS

4940 0700 WSZO: EE: US pop mx pgm; ID @ 0715 (443 6/21 Carlisle-WA) graduation speech in EE/MARSHALLESE (444 6/12 Miller-CA) island mx hrd amidst hvy QRN (222 6/14 Worob-TX) guitar mx w/YL ancr @ 0945 (vy pr 6/27 Dillon-MD)

NEW ZEALAND

Radio New Zealand

11780 0404 RNZ: EE: "That's Nat'l/Int'l nx from 2YA (?)", wx (333 6/4 Quaglieri-NY)  
0601 EE: "Spectrum" pgm; NZ nx/wx/TC; "Story Time"-The Big Fat Lady & the Biggest Cream Bun in the World! (343 6/12 Thompson-CA)  
0830 EE: jokes abt kid's reactions to bedtime stories (333 6/17 Zirkelbach-CA)  
15150 0145 RNZ: EE: symphony mx; QRM de HCJB on 15155 (433 6/27 Zirkelbach-CA)  
0303 EE: tlk on National Library; s/off annts & 0329\* (353 6/28 Sampson-WI)

SOCIETY ISLANDS

11825 0528 R. Tahiti: TAHITIAN/FF: YL w/phone requests, island/FF pop mx; OM w/pgm in FF lang @ 0600 (343 6/12 Thompson-CA)

SOLOMON ISLANDS

Solomon Islands Bcast Corp

9545 0640 SIBC: EE/PD: relg tlk, mx; IDs (544 6/29 Miller-CA) (322 6/28 Imel-CA)  
0710 EE: detergent ad, mx, Radio Health pgm (333 6/22 Halstead-WV) clr ID @ 0730 into locally produced nx bcast (353 6/18 Rocker-MS)

HONG KONG: Provisional sked for BBC Relay to Japan, to start 27 Sept 87: JJ on 7240 & 5965 @ 2200-2215; 5995 & 7180 @ 1100-1145. World Svc & EE by Radio on 15280 @ 0345-0900, 7180 @ 0845-0945, 7160 @ 1245-1615 and 15435 @ 2230-0430. JJ Svc will be 2 x 250 kW. [NDXC via IDXCI, LISTENERS NOTEBOOK, FRENDX, JULY 87]

INDIA: 27 new antennas have been ordered for AIR's new Ext Svc from Bangalore (250 kW facility). No target date for on-air testing. [Andy Sennit on MEDIA NETWORK, 7/16]

TONGA: R. Rhema, a Christian broadcaster based in New Zealand, intends to base a relay here on MW, FW, & SW. Acc. to F.J. Salisbury, VP, R. Rhema, they have been negotiating with the Island of Tonga and their Privy Council has agree to license them with AM, FM and shortwave stations. He also advised that negotiations with Geneva regarding freqs and power are proceeding, but he was unable to give this info as yet. [Reply to inquiry from Ron Howard-CA, LISTENERS NOTEBOOK, FRENDX, July 87]

You may have noticed an absence of loggings from me, your A/O editor, in these pages the past few months. There are a number of reasons for this. First of all, there is a correlation between the outside temp. and my DX activity; as one goes up the other drops off! Secondly, I try to report only new (to me) or more difficult DX catches and I urge all A/O contributors (especially those of you who are veteran reporters) to do the same. Try to eliminate logging the same hi-powered stations each month and listen for some of the hundreds of rare and exotic outlets that abound in Asia & the Pacific. Tnx to all & 73s,

*Bol*

# SPEEDX QSL REPORT

Ray Forsgren - 4856 Inlet Drive - Chippewa Falls, WI. - 54729 - USA

Greetings to one and all from hot & steamy Wisconsin. Sure wish I could have made Anarcon this year, but it wasn't to be; maybe next year!! Better get right into the reports as once again there is a fine turn-out...

## AFRICA

ANGOLA R. Nacional: 11955.2 f/d cd. in 51 ds. via registered mail for 2 ircs. (Havrilko-UK).

ASCENSION ISLAND BBC Relay: 11860 f/d ltr. in 54 ds. for an irc. V/S S.M. Wadsley. (Masamune-JAPAN). 17790 f/d form ltr. in 48 ds. for 2 ircs (Havrilko-UK). VoA: 15285 f/d cd. in 1 1/2 wks. (Wallace-MA).

BOTSWANA R. Botswana: 4820 f/d 20th. Anniversary cd. in 1 mo. for ms. (Stephany-NY).

DJIBOUTI RDTV Djibouti: 4780 f/d Logo cd. in 145 ds. for a FF rpt. & 2 ircs. (Van Horn-FL).

EQUATORIAL GUINEA R. Malabo: 9553.09 p/d personal ltr. in 21 ds. for ms. V/S Rev. T. Richard Baber. Sent to MO. QTH. (Ross-ON).

GABON R. Japan Relay: 11800 n/d Nagano cd. w/ sticker & skeds. in 13 ds. (Levison-PA). p/d cd. in 18 ds. (Holbrook-MD).

GHANA GBC: 4915 f/d cd. w/ sked. in 80 ds. for 2 ircs. (Curtis-TN).

LIBERIA LLWA: 4760 n/d station cd. in 39 ds. V/S Justyn Tokeh. (D'Angelo-PA).

MADAGASCAR R. Nederland Relay: 9540 f/d cd. in 67 ds. (Washburn-ME).

MOROCCO R. Mediterranee Int.: 9575 p/d form ltr. w/ sticker & sked. in 59 ds. for a FF rpt. & 2 ircs. (Stephany-NY).

NIGERIA FRCN Kaduna: 4770 f/d form ltr. in 91 ds. for a taped rpt. & ms. V/S Yusuf Garba. (George-MA).

SEYCHELLES FEBA: 9590 f/d "Earth" cd. in 88 ds. for 2 ircs. V/S Miss Jean Reddy. (Havrilko-UK).

SOUTH AFRICA Southern Sound: 3930 p/d form ltr. w/ bumper sticker in 35 ds. for ms. V/S Robt. E. Edwards. (Ross-ON).

SWAZILAND Radio SR: 4980 f/d cd. in 121 ds. for an irc. V/S Derek Shaw. (Masamune-JAPAN).

TOGO R. Togo: 5047 f/d Map-Globe cd. in 62 ds. for a FF rpt. & 2 ircs. (Havrilko-UK).

TUNISIA RDTV Tunisienne: 7475 p/d ltr. w/ sked. & stamps in 79 ds. for a FF rpt., tape and ms. V/S Mongi Chaffai. (George-MA).

ZIMBABWE ZBC: 3396 f/d Map cd. in 20 ds. (Masamune-JAPAN).



ASIA

BAKLADESH R. Bangladesh: 15525 f/d form ltr. w/ cd. in 40 ds. after f-up for ms. V/S Kazi Rafique. (D'Angelo-PA).

CHINA R. Beijing: 9550 f/d Monkey cd. w/ mags. in 13 ds. (Miller-CA). f/d Buddha cd. w/ goodies in 33 ds. (Kline-CA).

CYPRUS BBC Relay: 15420 n/d ltr. from site in 23 ds. for ms, and a n/d cd. from London in 91 ds. (George-MA).

INDONESIA RRI Ternate: 3345 p/d form ltr. in 163 ds. for an IN. rpt. & \$1. V/S Rusdy Bachmid. (Forsgren-WI). RRI Banda Aceh: 4955 p/d personal ltr. via registered mail in 71 ds. for an IN. rpt. & \$1. V/S Drs. H. M. Ali Birga. (Coday-CA)...very nice!!

IRAN VoIRI: 11790 f/d cd. w/ sked., sticker & mag. in 525 ds. for 2 ircs. (Robinson-TN).

ISRAEL KOL Israel: 9385 f/d Logo cd. w/ sked. in 27 ds.. for 2 ircs. (Havrliko-UK). 9435 f/d cd. in 47 ds. (Brown-IL).

JAPAN R. Japan: 11705 f/d Nagano cd. w/ sked. & forms in 29 ds. (Kline-CA). n/d cd. w/ sticker in 37 ds. (Kline-CA). 11955 n/d Tea cd. w/ sked. & calendar in 14 ds. for 2 ircs. (Havrliko-UK). JJY: 15000 f/d cd. in 6 ds. for 2 ircs. (Wallace-MA)...I know this is a Ute, but with a fast reply like that, I just had to use it!!

KAMPUCHEA V. of the People of Kampuchea: 9695 f/d form ltr. w/ ltr., sked, & post card in 129 ds. after f-up. (Pimblett-AB)...nice one!!

KUWAIT R. Kuwait: 11675 f/d folder cd. w/ sked. in 30 ds. for an irc (Curtis-TN). n/d info. package in 31 ds. for 2 ircs. The envelope was received open- maybe the QSL was lifted! (Havrliko-UK).

LEBANON King of Hope: 6280 f/d cd. w/ sked. & ltr. in 15 ds. for 2 ircs. (Havrliko-UK).

PHILIPPINES FEBC: 11850 f/d Manila cd. w/ sticker, sked. & pennant in 42 ds. for an irc. V/S Mrs. Alida Landma. (Ross-ON). VoA Relay: 15425 f/d cd. in 1 1/2 wks. for ms. (Wallace-MA).

SINGAPORE BBC Relay: 3915 f/d cd. w/ sked. in 20 ds. for 2 ircs. (UK-Havrliko).

SOUTH KOREA R. Korea: 9750 n/d Building cd. w/ sticker & sked. in 19 ds. (Kline-CA). 9570, 9750 & 15575 f/d Han river cd. w/ pennant in 30 ds. (Miller-CA). 9750 & 15575 f/d cd. w/ sked. in 22 ds. (Kline-CA). f/d cd. w/ sked. in 26 ds. (Kline-CA). 15575 f/d cd. w/ sked. in 22 ds. for 2 ircs. (Havrliko-UK). f/d Bridge cd. w/ pennants in 25 ds. (Johnson-CA).

SRI LANKA VoA Relay: 9645 f/d cd. w/ rpt. form in 19 ds. (Wasamune-JAPAN). 15250 f/d cd. in 2 wks, for ms. (Wallace-MA).

SYRIA R. Damascus: 9950 f/d cd. w/ patch & postcard in 137 ds. registered mail for an Arabic rpt., EE rpt., and a tape. (Hardester-PA). 12085 f/d Map cd. w/ goodies in 290 ds. registered for \$1. (Coday-CA). f/d Globe cd. w/ pennant & sticker in 8 1/2 mo. (Jones-TN).

TAIWAN VoFC: 17845 f/d Dragon Boat cd. w/ goodies in 44 ds. (Levison-PA).

TURKEY VoT: 7215 f/d Ephesus cd. w/ booklet & sked. in 16 ds. for 2 ircs. (Havrliko-UK).

UNITED ARAB EMIRATES R. Dubai: 11940 f/d Map-Logo cd. w/ pennant & sked. in 26 ds. V/S Mr. K.F. Fenner. (Johnson-CA). f/d Map cd. in 28 ds. (Holbrook-MD). 21700 f/d cd. w/ sked. in 23 ds. for 2 ircs. (Havrilko-UK).

VIETNAM VoV: 15010 f/d cd. w/ pennant & sked. in 93 ds. (Leite-HA).

EUROPE

ALBANIA R. Tirana: 9500 f/d cd. w/ sked. in 57 ds. for 2 ircs. (UK-Havrilko)

AUSTRIA RAI: 6155 f/d cd. in 53 ds. (Levison-PA). f/d cd. in 65 ds. (IL-Brown). 7245 f/d cd. in 55 ds. for 2 ircs. (Havrilko-UK).

BELGIUM BRT: 9675 f/d cd. w/ pennant & sticker in 27 ds. (Gerstner-NY). 9905 f/d form ltr. in 60 ds. for 2 ircs. (Havrilko-UK).

CZECHOSLOVAKIA R. Prague: 5930 f/d Museum cd. in 45 ds. (Wright-MB). 7345 f/d cd. w/ many goodies in 46 ds. (Miller-CA).

FINLAND R. Finland: 11945 n/d ltr. in 1 mo. V/S Juhani Niinisto. This for an irc. (Holbrook-MD). n/d ltr. w/ sked. in 44 ds. for an irc. (Havrilko-UK).

FRANCE RFI: 17620 f/d cd. w/ sked. in 32 ds. (Leite-HA).

GERMAN FEDERAL REP. DW: 3995 n/d cd. w/ ltr. in 29 ds. for an irc. (Havrilko-UK). Bayerischer Rundfunk: 6085 f/d cd. w/ stickers in 20 ds. for a German rpt. (Gager-AUSTRIA). Sudwestfunk: 7265 p/d Globe cd. w/ stickers & sked. in 69 ds. for a German rpt. V/S Dr. Krank. (Levison-PA).

GREAT BRITAIN BBC: 3955 n/d cd. w/ London Calling in 18 ds. for an irc and a SASE. (Havrilko-UK).

GREECE VoG: 9420 f/d Delphi cd. w/ sked. in 18 ds. for 2 ircs. (Kline-CA). 7430 f/d Coryatides cd. w/ sked. in 22 ds. for an irc. (Havrilko-UK). VoA Relay: 15205 f/d cd. w/ sked. in 20 ds. (Wright-MB).

HUNGARY R. Budapest: 9835 f/d cd. w/ sked. in 26 ds. for an irc. (UK-Havrilko).

ITALY RAI: 9575 f/d Statue cd. in 177 ds. (Johnson-CA). f/d cd. in 228 ds. (Wright-MB).

LUXEMBOURG 6090 f/d cd. w/ sticker in 31 ds. for an irc. (Havrilko-UK).

NORWAY RNI: 9530 f/d cd. in 50 ds. for an irc. (Havrilko-UK). 15165 p/d Procession cd. w/ sked. & sticker in 30 ds. (Curtis-TN). 15310 p/d cd w/ sked. & sticker in 36 ds. for 2 ircs. (Kline-CA). f/d Antenna cd. in 49 ds. (Brown-IL).

POLAND R. Polonia: 9645 f/d Warsaw cd. w/ goodies in 29 ds. for an irc. V/S Zdzislaw Frackiewicz. (Havrilko-UK).

PORTUGAL R. Portugal: 9705 f/d logo cd. w/ calendars & sked. in 26 ds. (Johnson-CA). f/d cd. in 31 ds. (Brown-IL). 15105 n/d ltr. w/ sked. in 49 ds. for an irc. (Havrilko-UK)...the letter stated Vincens' letter was "outdated"...

ROMANIA R. Bucharest: 9510 f/d cd. w/ sked. in 57 ds. (Levison-PA).

SPAIN REE: 6215 f/d cd. in 47 ds. (Holbrook-MD).

SWEDEN RSI: 11705 f/d Earth cd. in 15 ds. (Gerstner-NY). 11735 f/d cd. w/ sked. in 17 ds. for an irc. (Havrilko-UK). 15345 f/d cd. w/ sked. in 24 ds. for 2 ircs. (Kline-CA).

SWITZERLAND SRI: 6165 f/d cd. in 15 ds. for an irc. (Havrliko-UK).  
ICRC: 9885 f/d Logo cd. w/ info. in 26 ds. for 2 ircs. (Kline-CA).

VATICAN CITY R. Vaticana: 6185 f/d Antenna cd. in 92 ds. for \$1. (CA-Zirkelbach).

WEST BERLIN RIAS: 6005 f/d cd. in 15 ds. for a German rpt. (Gager-AUSTRIA).

U.S.S.R.

Radiostantsiya Atlantika; 11770 f/d cd. in ?? ds. (Gager-AUSTRIA).  
Radio Baku: 4785 f/d cd. w/ calendar in 166 ds. (D'Angelo-PA). f/d form  
ltr. w/ postcard in 172 ds. (Welch-MA).  
Radio Moscow: 13600 & 13660 via Petropavlosk-Kamchatsky f/d cd. in 48  
ds. (HOLLBROOK-MD).  
Radio Vilnius: 7165 f/d cd. w/ pennant in 3 mo. (Wallace-MA).  
Radio Moscow: (sorry!) 6075 via Tula; 7115 via Dushanbe; 9875 via Alma  
Alta; 11745 via Minsk; 13605 via Petropavlosk-Kamchatsky; 17875 via  
Yerevan f/d cds. in from 1 to 3 mo. (Wallace-MA).

NORTH AMERICA

ALASKA KNLS: 7355 f/d cd. w/ sked. in 30 ds. for ms. (Ross-ON).

CANADA RCI: 5960 f/d cd. in 14 ds. (Dillon-MD). R. Japan Relay: 6120  
p/d cd. in 1 mo. (Stephany-NY).

COSTA RICA R. Lira: 15460 f/d cd. w/ sked. & info. in 5 mo. for ms.  
(Wallace-MA).

CUBA R. Habana: 6090 f/d cd. w/ sked. & ltr. in 143 ds. (Kline-CA).  
R. Moscow via Habana: 6000 f/d cd. in 3 1/2 mo. (Wallace-MA).

DOMINICAN REP. R. Clarin: 11700 p/d Map cd. in 42 ds. for a SS rpt. &  
ms after many tries! (Ross-ON)...good job! R. Discovery: 15045 f/d cd.  
w/ sked. in 7 ds. for \$1. V/S Jeff White. (Van Horn-FL). f/d cd. in 8 ds.  
(Leite-MA).

GUATEMALA R. Cultural: 3300 p/d Quetzal cd. w/ sked. & ltr. in 107 ds.  
for 2 ircs. V/S Wayne Berger. (Wright-MB). f/d cd. w/ ltr. & sked. in 208  
ds. for a Tri rpt. & 2 ircs. (Havrliko-UK). R. Maya: 3325 f/d Warrior  
cd. in 30 ds. after f-up for a SS rpt. & \$1. V/S Francisco Juan Pedro.  
(Coday-CA). R. Mam: 4825 f/d form ltr. in 62 ds. for a SS rpt. & ms.  
(Van Horn-FL). p/d ltr. in 180 ds. for a SS rpt. & ms, V/S Jose Benito  
Escalante Ramos. (Ross-ON).

HONDURAS Sani Radio: 4755 f/d Map cd. in 2 wks. after f-up for ms.  
(Wallace-MA).

MONTSERRAT DW Relay: 9545 n/d cd. w/ sticker in 69 ds. (Wright-MB).

NETHERLANDS ANTILLES R. Nederland: 9630 f/d cd. w/ sticker & sked. in  
24 ds. (Masamune-JAPAN). TWR: 11815 f/d cd. in 16 ds. for \$1. (Zirkelbach-  
CA).

UNITED STATES R. Earth: 11790 f/d cd. in 305 ds. after f-up for ms.  
(Stephany-NY). R. Marti: 9525 f/d cd. w/ ltr. in 60 ds. for ms. (Ross-  
ON). 11930 f/d cd. in 3 wks. (Stephany-NY). KGEI: 15280 f/d cd. in 37 ds.  
(Washburn-ME). KVOI: 17775 f/d cd. in 4 mo. (Fisher-MA). VOA: 11950,  
15375 & 17800 f/d cd. in 2 wks, for ms. (Wallace-MA). 15580 f/d cd. w/  
sked. in 11 ds. for an irc. (Havrliko-UK). \*\*\*\*WCSN\*\*\*\*: 7365 n/d cd. in  
14ds. (Leite-MA). n/d cd. in 19 ds. (Van Horn-FL). in 2 mo. for ms. (MA-  
Wallace). in 64 ds. for ms. (Coday-CA). in 66 ds. (Levison-PA). in 67 ds.  
(Curtis-TN). in 70 ds. (Dillon-MD). in ?? ds. (for ms. (George-MA). 7465 &  
15300 n/d cds. in 21 & 69 ds. (Flynn-CA). 9465 cd. in 60 ds. (Kline-CA).  
9815 ltr. in 54 ds. (Miller-CA). 15225 cd. in 87 ds. (Welch-MA). 15270  
cd. in 30 ds. (Johnson-CA). 15300 cd. in 42 ds. for ms. (Gerstner-NY).  
21570 cd. in 82 ds. for ms. (Soomre-MA). WMLK: 9455 f/d form ltr. in 1  
mo. (Stephany-NY).

OCEANIA

AUSTRALIA R. Australia: 6060 f/d cd. in 1 mo. (Holbrook-MD). 7205 f/d cd. in 13 ds. for 2 ircs. (Havrilko-UK). 9580 f/d cd. in 20 ds. (Kline-CA). 17795 f/d cd. in 13 ds. (Levison-PA). VLR6: 6150 f/d ltr. in 18 ds. (JAPAN: Masamune). f/d ltr. in 71 ds. (D'Angelo-PA). VLH9: 9680 f/d ltr. in 17 ds. for 2 ircs. (Soomre-MA).

MARSHALL ISLANDS WSZO: 4940 p/d form ltr. in 16 ds. for ms. (D'Angelo-PA). p/d form ltr. in 17 ds. for ms. (Fisher-MA). ltr. in 25 ds. for ms. (Pimblett-AB). in 30 ds. for ms. (Ross-ON). in 30 ds. for a taped rpt. & ms. (Welch-MA). in 43 ds. for ms. (Miller-CA).

MARIANAS ISLANDS KSDA: 11980 f/d cd. w/ pennant & sticker in 33 ds. for ms. (Pimblett-AB). KTWR: 9820 f/d cd. in 29 ds. for ms. (Johnson-CA).

NEW ZEALAND R. New Zealand: 11780 f/d cd. w/ stamps in 15 ds. for 4 ircs. (Kline-CA).

PAPUA NEW GUINEA R. West New Britain: 3235 f/d ltr. in 49 ds. for a SASE & ms. V/S Simon Muraga. (Rippel-VA).

SOLOMON ISLANDS SIBC: 9545 f/d cd. in 21 ds. for \$1. (Masamune-JAPAN).

SOUTH AMERICA

ARGENTINA RAE: 11710 f/d Logo cd. in 80 ds. (Johnson-CA). f/d cd. in 94 ds. (Zirkelbach-CA).

BRAZIL RadioBras: 11745 f/d cd. w/ pennant in 12 ds. (Johnson-CA). f/d cd. in 68 ds. (Kline-CA). 15265 f/d cd. in 43 ds. for a PP rpt. (PA-Levison). f/d cd. in 71 ds. for 2 ircs. (Havrilko-UK).

COLOMBIA RCN Bogota: 6160 p/d ltr. w/ mag. in 143 ds. for a SS rpt. & \$1. (George-NC). p/d personal ltr. w/ sked. in 170 ds. for a SS rpt. & \$1. V/S Antonio Pardo Garcia. (Coday-CA).

ECUADOR HCJB: 15270 n/d cd. in 20 ds. for 2 ircs. (Havrilko-UK). 17780 f/d cd. in 80 ds. for an irc. (Gager-AUSTRIA). HD21QA: 3810 p/d cd. w/ sticker in 5 mo. registered for ms. (Wallace-MA)... another Ute, but seeing as they send stickers... CRE: 4656 n/d personal ltr. w/ sticker, stamps & pennant (it's a nice one, rJT) in 539 ds. for a SS rpt. V/S Rafael Guerrero Valenzuela. (Stephany-NY). La Voz del Upano: 5040 f/d form ltr. in 68 ds. after 4th try for a SS rpt. & ms. V/S Luis A. Rivadeneira R. (Flynn-CA).

GALAPAGOS ISLANDS La Voz de Galapagos: 4810 p/d postcard in 11 ds. after 3rd f-up for a SS rpt. & ms. V/S Padre Victor Maldonado. (Stephany-NY).

PERU R. Atlantida: 4790 p/d form ltr. w/ postcard in 235 ds. for a SS rpt. & 2 ircs. (Soomre-MA). R. San Martin: 4810 p/d Logo cd. w/ pennant in 366 ds. for a SS rpt. & 2 ircs. V/S Jose Roberto Chong. (Evans-TN). p/d cd. w/ ltr. in ??? ds. (Dillon-MD)... actually, Peter already got a very for this report, so this was a bonus!! R. Ancash: 4990 f/d ltr. in 132 ds. w/ postcard for a SS rpt. & Ms. (Stephany-NY). R. Union: 6115 f/d Logo cd. in 120 ds. after f-up for a SS rpt. & ms. V/S Gonzalo Iwasaki Sanchez. (Van Horn-FL).

URUGUAY SODRE: 11885 p/d Map cd. in 253 ds. after f-up for a SS rpt. & 2 ircs. This is also a second-bonus card!! (Pimblett-AB).

VENEZUELA R. Tachira: 4830 p/d form ltr. in 48 ds. for a tri rpt. & 2 ircs. V/S Eleazar Silva. (Havrilko-UK). R. Capital: 4850 f/d Logo cd. in 6 wks. for ms. (Wallace-MA). Ecos del Torbes: 4980 p/d personal ltr. in 35 ds. after f-up for a SS rpt. & \$1. V/S G. Gonzales Lovera. (Coday-CA).... There are a few Clandestines that will have to wait until next month- I'm totally out of room; everybody got full credit for their "QSLs". Hope you all have a great month, and I'll 'see' you all here next time!





\*\*\* SOUTH AMERICA \*\*\*

CNTRY	FREQ	M	TIME CALL	CITY	IDENT TRAFFIC	CONTRB
ARGN	10000.0	C	2259 LAL	BUENOS AIRES	NAVRAD CW ID UNDER MWV	RR -MS
CHIL	12962.0	C	2130 CCS	SANTIAGO	NAVRAD V MARKER	PAC-UK
CHIL	22473.0	C	1952 CBV	VALPARAISO	MARCO CQ MARKER	PAC-UK
COLD	13087.5	C	2330 HKB	BARRANQUILLA	MARCO CQ MARKER	HMH-TX

\*\*\* EUROPE \*\*\*

CNTRY	FREQ	M	TIME CALL	CITY	IDENT TRAFFIC	CONTRB
AZOR	5598.0	U	0228 CSY	SANTA MARIA	AERO WKG FOI QUEBEC	FW -FL
BELG	12725.0	C	1854 DSN	OOSTENDE	NAVRAD V MARKER	PAC-UK
BELG	12781.5	C	2255 DST 42	OOSTENDE	MARCO V MARKER	KR -TX
BELG	13936.0	C	0120 ONY 27	ROUYERDY	NATO DE MARKER	BJ -FL
BUL	8532.0	C	0026 LZ4	VARNA	MARCO DE MARKER	RR -FL
CYPR	14564.0	U	0435 SBC 68	CYPRUS	CTA VOICE MARKER	RR -MS
CYPR	16884.8	C	0427 SBA	NICOSIA	MARCO CQ MARKER	RR -MS
DEN	16897.5	C	0309 DXZ 82	LYNGBY	AMRCD CQ MARKER	RR -MS
EIRE	5598.0	U	1927 EIP	SHANNON	AERO WKG KLM 754	FW -FL
ENG	13382.0	C	1957 GFT	BRACKNELL	NETEO 'K'K'K'K GFT MARKER	POC-NH
ENG	16882.5	C	0325 GKS 6	PORTISHEAD	MARCO DE MARKER	RR -MS
ENG	17030.5	C	0335 GVC	NAVRAD	LONDON V MARKER	RR -MS
FRAN	8452.0	C	0132 HYN	PARIS	NAVRAD V MARKER	RM -MA
FRG	8672.5	C	2135 DAF	NORDDEICH	MARCO V MARKER	RR -MA
FRG	12763.5	C	2251 DAM	NORDDEICH	MARCO V MARKER	RR -FL
GREE	8462.0	C	0014 SVU	ATHENS	MARCO DE MARKER	KR -FL
GREE	8687.0	C	0158 SVA 4	ATHENS	MARCO DE MARKER	RM -MA
HOLL	6495.5	C	1829 PCW 1	SCHEVINGEN	MARCO ID & ARG PHASE	JAK-OH
HOLL	9117.5	C	2325 PCW 1	DEN HAAG	MFA ID & DATA BURST (ARG7-ED)	POC-NH
HOLL	13415.0	C	0051 PCH 61	SCHEVINGEN	MARCO DE MARKER	POC-NH
HOLL	17007.2	C	0129 PCH	SCHEVINGEN	MARCO DE MARKER	HMH-TX
HOLL	22324.5	C	2306 PCH 70	SCHEVINGEN	MARCO DE MARKER	FW -FL
ITLY	4615.3	C	0254 IDR 2	ROME	NAVRAD V MARKER	FW -FL
ITLY	6390.5	C	0223 IAR	ROME	NAVRAD CQ MARKER	FW -FL
ITLY	17160.8	C	2341 IAR	ROME	MARCO CQ MARKER	FW -FL
MALT	12709.3	C	0915 9HD	VALETTA	MARCO V MARKER	CONTRB
NOR	12727.5	C	0512 LGJ	ROGALAND	MARCO DE MARKER	HMH-TX
NOR	12727.5	C	2246 LGW	ROGALAND	MARCO CQ MARKER	RR -MA
POL	13602.5	C	2020 SPW	WARSAW	MARCO DE MARKER	RR -MS
SPAN	8168.0	C	0312 EDZ 4	ARANJUEZ	MARCO CQ MARKER	RR -MA
SWED	12881.0	C	0216 SAG	GOETEBORG	MARCO AMVER	BU -TX
SWED	17079.4	C	0105 SAG	GOETEBORG	MARCO NEWS IN SWEDISH	FW -FL
USSR	12713.5	C	0803 UVD	MAGADAN	MARCO CQ MARKER	PAC-UK
USSR	15004.0	C	0319 RID	IRKUTSK	SFTS ID & TIME SIGS	RR -MS
USSR	16870.0	C	1940 RIT	MOSCOW	NAVRAD V MARKER	PAC-UK
USSR	16890.5	C	0332 UFN	NOVORISSYK	MARCO DE MARKER	RR -MS

\*\*\* AFRICA/MIDDLE EAST \*\*\*

CNTRY	FREQ	M	TIME CALL	CITY	IDENT TRAFFIC	CONTRB
EGPT	11300.0	U	2128 SUC	CAIRO	AERO WKG CW 702	POC-NH
EGPT	16912.0	C	1742 SUH	ALEXANDRIA	MARCO V MARKER	POC-NH
ISRL	6379.0	C	0245 4XZ	HAIFA	NAVRAD V MARKER	ES -MA
ISRL	17146.4	C	2346 4XD	HAIFA	MARCO CQ MARKER	FW -FL
KEN	11300.0	U	2055 SYD	NAIROBI	AERO CLG AIR FRANCE 464	POC-NH
KUMT	12895.0	C	0757 9KK	SAFAT	MARCO CQ MARKER	PAC-UK
LYBA	8517.0	C	0805 SAT	TRIPOLI	MARCO V MARKER	PAC-UK
QATR	16880.0	C	0324 ATD	DOHA	MARCO DE MARKER	RR -MS
SAUD	16860.0	C	0420 HZG	DAMMAN	MARCO DE MARKER	RR -MS
SENE	13409.0	C	0234 6MW	DAKAR	NAVRAD V MARKER	RR -MA
SUDN	11300.0	U	2051	KHARTOUM	AERO TFC	POC-NH
SUDN	19435.5	U	1641 9RE 395	LUMBASHA	PTT TEL CALLS TO KINSHASA	PAC-UK

\*\*\* ASIA/FAR EAST \*\*\*

CNTRY	FREQ	M	TIME CALL	CITY	IDENT TRAFFIC	CONTRB
HONG	17095.7	C	0934 JCT	VICTORIA ISLE	MARCO V MARKER	JAK-OH
JPAN	8686.0	C	1110 JMA	CHOSI	MARCO CQ MARKER	HMH-TX
JPAN	8828.0	U	1454 JNA	TOKYO	VOLNET WX	FW -FL
JPAN	12657.5	C	0741 JCX	TOKYO	MARCO CQ MARKER	LS -CA
JPAN	12667.5	C	1720 JFI	NAMA	MARCO CQ MARKER	PAC-UK
JPAN	12704.5	C	2345 JCT	KAGOSHIMA	MARCO CLG JDT0	PAC-UK
JPAN	22386.0	C	1730 DJJ	CHOSI	MARCO CQ MARKER	RR -MS
PHIL	16871.1	C	1730 DJJ	BULACAN	MARCO CQ MARKER	PAC-UK

\*\*\* PACIFIC \*\*\*

CNTRY	FREQ	M	TIME CALL	CITY	IDENT TRAFFIC	CONTRB
AUST	22474.0	C	0101 VIS	SYDNEY	MARCO V MARKER	FW -FL
FFPD	12664.5	C	0508 FUM	PAPEETE	NAVRAD V MARKER	HMH-TX
FFPD	22544.0	C	0303 FJM	PAPEETE	NAVRAD V MARKER	FW -FL
HI	5628.0	U	1319 KUA 3	HONOLULU	AERO WKG UNITED 58	LS -CA
HI	5628.0	U	1241 KUA 3	HONOLULU	AERO WKG UNITED 150	LS -CA
HI	5628.0	U	1332 KUA 3	HONOLULU	AERO WKG UNITED 58	LS -CA

HI	6655.0	U	1320	KUA	3	HONDLULU	AERO	WKG	AMERICAN 60	LS -CA
HI	6655.0	U	1348	KUA	3	HONDLULU	AERO	WKG	SINGAPORE 12	LS -CA
HI	6655.0	U	1333	KUA	3	HONDLULU	AERO	WKG	AMERICAN 60	LS -CA
HI	13282.0	U	0235	KVM	70	HONDLULU	VOLMET	WX		POC-NH
NCAL	8654.5	C	1406	FIJ		NOUMEA	NAVRAD	V	MARKER	LS -CA
NCAL	8698.2	C	0945	FJP	8	NOUMEA	MARCO	CO	MARKER	NH-TX
NCAL	13215.0	C	2115	FUJ		NOUMEA	NAVRAD	V	MARKER	SG -MA
NCAL	16957.7	C	0430	FUJ		NOUMEA	NAVRAD	V	MARKER	RR -MS
NZEL	18504.0	C	0603	ZLB	4	AMARUA	MARCO	CO	MARKER	PAC-UK
NZEL	16874.5	C	1933	ZLO	6	WAIOURU	RNZN	CO	MARKER	PAC-UK
NZEL	16874.5	C	0424	ZLO		WAIOURU	NAVRAD	DE	MARKER	RR -MS

\*\*\* RTTY \*\*\*

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CMTY	TRAFFIC	CONTRB
3170.0	1321		C9E 2	MAPUTA	AERO	MOZA	TFC	JK -FG
4013.5	1426		S7Z	MARE	AERO	SEYC	RYS	JK -FG
6835.0	0220	50-425N	GFL 22	BRACKNELL	METED	ENG	RYS	RM -MA
6837.5		50-425R	GFC 22	BRACKNELL	METED	ENG	WT	JAK-OH
7556.5	0100	50-850N	WFB 37	NEW YORK	ITT	USA	FOXES	KR -FL
7887.0	0052	75-170N	AUZ	GENEVA	UN	SWIS	RYS	RM -MA
8008.0	0114	50-425N	Y7A 35	BERLIN	MFA	GDR	RYS	KR -FL
8043.0	0120	50-425R	PPL	ORLEANS	FAF	FRAN	LE BRICKS	KR -FL
8439.0	0329	75-425N	PBC 3	ORLEANS ISLE	NAVRAD	HOLL	LIST	JAK-OH
8718.0	0245	ARQ	GK0 4	PORTISHEAD	MARCO	ENG	MARKER	JEB-CA
10920.5	2215	50-425I	Y2V 22A	BERLIN	ADN	GDR	NEWS	RM -MA
10972.0	0203	75-170I	VDA	GREENVILLE	USIA	USA	EE NEWS	RM -MA
11027.5	2340	50-170I	PPL	KINGSASHA	AERO	ZIRE	RYS	RM -MA
11131.5	2240	50-170N	PBC 3	GOEREE ISLE	NAVRAD	HOLL	LIST OF AVAILABLE STNS	JAK-OH
11150.0	0146	75-170I	VDY	GREENVILLE	USIA	USA	EE NEWS	RM -MA
11412.5		50-400N	FDY	ORLEANS	FAF	FRAN	LE BRICK	JAK-OH
11447.0		50-400N	FDY	ORLEANS	FAF	FRAN	LE BRICK	JAK-OH
11638.0	2120	50-425R	DDK	HAMBURG	METED	FRG	CODED WX	KR -FL
13081.5	0041	FEC	MDC 2	CHATHAM	MARCO	USA	TFC LIST	KR -FL
13095.0	1405	FEC	KLC	GALVESTON	MARCO	USA	FREQ LIST AND WX	KR -FL
13371.8	1431		NBA	BALBOA	NAVRAD	PANA	DE MARKER / RYS	KR -FL
13538.0	1907	50-425	Y7A 5A	BERLIN	MFA	GDR	RYS	KR -FL
13770.0	2314	75-170I	VDA	GREENVILLE	USIA	USA	NEWS FILE LIST	RM -MA
13895.0	1924	50-425N	VDY 47	BERLIN	ADN	GDR	EE NEWS	RM -MA
13937.8	2303		CLP 1	HAVANA	MFA	CUBA	50 GROUPS	POC-NH
14619.0	1545	50-600N	YFA 59	BERLIN	MFA	GDR	EE NEWS	GS -MA
14901.0	0626	50-425I	CLN 451	BAUTA	TASS	CUBA	EE NEWS	RM -MA
14901.0	1426	50-425N	CLN 451	BAUTA	TASS	CUBA	EE NEWS	KR -FL
15705.0	1654	50-425R	YTA 6	BELGRADE	TANJUG	YUGO	NEWS	KR -FL
15930.0	1501	50-425R	ABI 78	MOSCOW	TASS	USSR	FF NEWS	KR -FL
16117.2	1445	50-425R	6VK 317	DAKAR	PANA	SENE	EE NEWS	GS -MA
16348.0	2204		CLN 530	HAVANA	PL	CUBA	RYS/FOXES	POC-NH
16403.2	1420	50-425N	Y2V 57	BERLIN	ADN	GDR	FF NEWS	GS -MA
17217.0	2057	ARQ	PCM	SCHVINGEN	MARCO	HOLL	WKG CANY	RM -MA
18221.0	1402		CNM 7619	RABAT	MAP	MROC	EE NEWS	KR -FL
18452.5	1824	100-425N	WFK 48	NEW YORK	USIA	USA	5S NEWS	KR -FL
18542.7	2224	75-425N	WFK 48	NEW YORK	USIA	USA	STORY LIST	FW -FL
20078.2	0130	50-425N	FTU	PARIS	DIPLO	FRAN	NEWS IN FF	FW -FL
20471.5	1833	100-850R	CXR	MONTEVIDEO	NAVRAD	URGY	RYS	LSH-CA
20472.1	1611	75-1200R	CXR	MONTEVIDEO	NAVRAD	URGY	CLG HON	FW -FL

\*\*\* SHIPS \*\*\*

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
2182.0	U	0305	VC7G	IRVING OCEAN		POC-NH
4069.2	U	0400	LCJK	M/V STARWARD	WKG WLM	POC-NH
5320.0	U	0329	NBRM	USCGC POINT MONROE	WKG GALVESTON	POC-NH
6259.0	R	0024	UQTF	TKH KAPITAN VAKULA	CLG CLJ	KR -FL
8198.1	U	0412	ICCD	CARLA C	WKG WLM	POC-NH
8298.0	R	0033	UKFI	NIS KOSM. YURIY GAGARIN	RYS	RMA-1A
8298.1	R	0135	ENGV	RTH ATOLL	TFC IN RR	LSH-CA
8298.6	R	0207	UNLT	TAMULA	MARKER	LSH-CA
8299.6	R	0140	UUVK	TH PARTIZANSKAYA	TFC IN RR	LSH-CA
8344.0	R	0125	UHVF	RTMS KALPER	TFC IN RR	LSH-CA
8345.0	R	1800	9MYK	M/V RUNGA KANTAN	TFC	JEB-CA
8346.0	R	0508	HCYV	RIO GUYAS	WKG WLO	GS -MA
8350.5	R	0310	UEZR	TH J GAGARIN	TFC TO MOSCOW	JEB-CA
8351.0	R	0515	HBWN	AZURE SEAS	WKG WLO	GS -MA
8351.5	R	0110	SVMT	STELLA SOLARIS	TFC IN EE	LSH-CA
8353.5	R	0230	LVJO	TR BALTISKIE ZORI	TFC IN RR	LSH-CA
8353.5	R	0230	UE1Y	RMB IOKHANNES VARES	TFC IN RR	LSH-CA
8355.0	R	0438	DDF 2	NORA HERREN	WKG DCF	GS -MA
8356.0	R	0040	3FMG 2	BERMUDA STAR		RMA-1A
12416.8	U	0328	WFPJ	AMERICAN EAGLE	WKG KMI	POC-NH
12497.5	R	1720	SUCD	M/V ALWARDI ALGADEED	TFC IN EE	LSH-CA
12497.5	R	2150	DEKS	M/V TAICHU	TFC IN EE	LSH-CA
12498.5	R	0105	DPFF	INTERMAR ATLANTIC	TFC IN EE	LSH-CA
12499.5	R	0050	SYIL	M/T CHIOS	TFC IN GREEK	LSH-CA
12501.0	R	1950	LENA	SS SONG OF NORWAY	WKG LGJ 3	GS -MA
12503.0	R	1316	9WMS	RIBA MERANTI	WKG NMF	LSH-CA
12503.5	R	1246	HCIG	M/V LAS GALAPAGO	WKG WLO	GS -MA
12504.0	R	2135	DLHW	INCOTRANS PACIFIC	AMVER TO NMN	LSH-CA
12505.5	R	1440	D5DH	M/V ATLANTIC FOREST	WKG WLO	GS -MA
12508.0	R	1715	UNNV	TH BUKURIANI	TFC IN RR	LSH-CA
12510.0	R	0130	SO1B	M/S TADEUSI KOSCIUSZKO	MSGS	RMA-1A

12514.0	R	0025	UHRT	TKH DMITRIY DONSKOY	MARKER	LSH-CA
12515.0	R	0055	BOZD	M/V HUANGHE	TFC IN EE	LSH-CA
12522.0	R	0035	UBSZ	NIS IZHMORSHELOSHIN	MARKER	LSH-CA
12523.0	R	0105	UXWD	TH DONUZLAV	MARKER	LSH-CA
12525.0	R	0043	UNVN	TH BELGOROD	CLG UDH	RMA-IA
12525.0	R	0050	URPT	M/V PROFESSOR KOSTIUKOV	CLG UAT	RMA-IA
12525.5	R	0130	ULTN	TH SLAVYANSK	TFC IN RR	LSH-CA
16680.5	R	1935	PHUF	SPRING PANDA	TFC IN EE	LSH-CA
16705.0	R	0035	UWEC	NIS PROFESOR KHROMOV	WX	LSH-CA

\*\*\* AERO \*\*\*

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
5550.0	U	1015	ARGENTINA 326	WKG NY	JDW-FL
5550.0	U	0244	KOREAN 4456	WKG NY	POC-NH
5628.0	U	1023	AMERICAN 60	WKG TOKYO	JDW-FL
5628.0	U	1121	UNITED 58	WKG TOKYO	JDW-FL
5643.0	U	1110	CONTINENTAL 016	WKG HONOLULU	JDW-FL
5696.0	U	1042	CG 1472	WKG PORTSMOUTH	JDW-FL
5696.0	U	1230	CG 1711	WKG MIAMI	JDW-FL
5696.0	U	1037	CG RESCUE 1712	WKG SAN JUAN	JDW-FL
6532.0	U	1144	CONTINENTAL 003	HONOLULU	JDW-FL
6577.0	U	1149	EASTERN 920	WKG SAN JUAN	JDW-FL
8825.0	U	0302	BOLIVIANO 928	WKG SAN JUAN	POC-NH
8846.0	U	2117	TRANSBRASIL 945	WKG NY	RR -MS
8855.0	U	0020	AIR FRANCE 212	WKG PIARCO	POC-NH
8855.0	U	0315	IRAQI 950	WKG PIARCO	POC-NH
8855.0	U	0022	MAC 10696	WKG PIARCO	RR -MS
8891.0	U	1215	DELTA 23	WKG GANDER	JDW-FL
8891.0	U	0338	LUFTHANSA 451	WKG ICELAND	POC-NH
8903.0	U	1129	CONTINENTAL 972	WKG TOKYO	JDW-FL
8993.0	U	1122	MAC 50220	WKG ALBROOK	JDW-FL
11300.0	U	2140	BULFAIR 193	WKG ADEN CONTRDL	POC-NH
11300.0	U	2044	KENYA 134	WKG KHARTOUM	POC-NH
13330.0	U	1941	WZ63C	WKG KEF 5, HOUSTON	PAC-UK
15024.0	C	2326	86523	WKG COL	POC-NH

\*\*\* TACTICAL \*\*\*

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
3113.0	U	0622	KEYBALL	RADIO CHECKS	TT -MI
4467.5	U	0106	BLUECHIP	TN CAP NET	TS -GA
4467.5	U	2300	GOLDENROD 51	AL CAP NET	TS -GA
4467.5	U	0130	REDSTAR 200	GA CAP NET	TS -GA
8864.0	U	1053	OSCAR IRAY 64	P/P VIA NY	JDW-FL
8972.0	U	0033	THREE TANGO YANKEE	WKG LIMA EIGHT WHISKEY	RR -MS
11267.0	U	0005	ZERO DELTA MIKE	WKG ECHO TWO INDIAN	RR -MS

\*\*\* QSLs \*\*\*

CNTRY	CALL	DES/ID	NAME/LOCATION	QSL/ POSTAGE/ #DAYS	FREQ	CONTRB
		SS	CLIPPER 114	PFC NPOST 25D	2899.0	POC-NH
			VERACRUZ	PFC MS 74D	4097.1	J6 -NY
			TEAL 05	PFC MS 115D	11182.0	POC-NH
			BULL 05	PFC MS 15D	13244.0	POC-NH
			VICTORIA	CARD MS 20D	4112.6	J6 -NY
	JFEP 2			LETTER MS 8D	5692.0	POC-NH
	CG 1468			PFC MS 27D	2182.0	POC-NH
	CGDR	CCGS	BARTLETT	PFC MS 17D	12419.9	POC-NH
	ELPH	M/V	FAIRWIND	PFC MS 11D	4585.0	POC-NH
	KD 407	CAP	SUCHANNOON, WV	PFC MS 18D	5320.0	POC-NH
	NBRM	USCGC	POINT MONROE	PFC MS 10D	2182.0	POC-NH
	NDDH	USCGC	BITTERSWEET	PFC MS 23D	2182.0	POC-NH
	NDHP	USS	OLIVER H PERRY	PFC MS 10D	2716.0	POC-NH
	NPTN	USCGC	CHILULA	PFC MS 211D	5696.0	POC-NH
	NCWF		SELAND CONSUMER	PFC MS 311D	12351.7	POC-NH
	WZF 3006		AMY MORAN	PFC MS 62D	4125.0	POC-NH
	BRIZL	PPR	MARCO	LETTER \$1US 45D	17194.3	HHH-TX
	CAN	CGG	QUEBEC CG RADIO	CARD/BOOKS 20D	2182.0	ES -MA
	CAN	CGG	VANCOUVER	LETTER MS 21D	12076.0	HHH-TX
	CZEC	OLY 5	PRAGUE	PFC 21RC 285D	9353.0	POC-NH
	ECUA	HD 210A	SFTS	CARD \$1US 157D	7600.0	RAD-PA
	GREE	SVK	MARCO	CARD 11RC 255D	2830.0	PAC-UK
	GUAM	NRV	USCG	LETTER MS 25D	12743.0	POC-NH
	GUAM	NRV	USCG	PFC 11RC 8 MONTHS	17146.4	PAC-UK
	JAM	6YT	MARCO	CARD \$1US 41D	6470.5	HHH-TX
	JAPAN	JCT	MARCO	CARD \$1US 13D	8686.0	HHH-TX
	PANA	HPP	MARCO	CARD 11RC 62D	16869.0	PAC-UK
	PNG	P2H 4	MARCO	PFC 11RC 33D	13042.0	PAC-UK
	SPAN	EDJ 4	MARCO	CARD \$1US 44D	8618.0	HHH-TX
	USA	WJ	MARCO	PFC MS 27D	14478.5	POC-NH
	USA	WJ	NDB	PFC 104D	320.0	HH -PA



\*\*\* CONTRIBUTORS \*\*\*

NAME	INI-ST	RECEIVER	# LOGS
ALEXANDER, RODNEY	RMA-IA	R 70	5
BERRI, JASON E.	JEB-CA	R 2000 RF 2900	4
CONWAY, PETER A.	PAC-UK	TS 430S DX400	21
D'ANGELO, RICHARD A.	RAD-PA		1
GEORGE, STEVE	SS-MA		4
GERSTNER, JOHN	JG-NY	DX 1000	2
HARDESTER, MIKE	MH-PA	R 1000/FRG 7000	1
HARDY, LE ROY S.	LSH-CA	R 70	20
HAWKINS, HUGH M.	HMH-TX	R71A	14
JOHNSON, ROBERT	RJ-NJ	R 70	3
JONES, BRIAN	BJ-TX	R 70	2
KLINGENFUSS, JOERG	JK-FG	R 7	3
KNAPP, JEFF	JAK-OH	R 2000	10
MATTALIANO, ROBERT	RM-MA	R 71A	17
O'CONNOR, PATRICK	POC-NH	IC R71A DX 302	44
ROBERTS, KEN	KR-FL	R 2000	23
ROCKER, RAYMOND	RR-MS	FT 757GX	21
SHANKLIN, GEOFF	GS-MA		10
SODMRE, ED	ES-MA	R 2000	4
STARR, TIM	TS-GA	DX 302	3
SZALONY NC&W, LEONARD	LS-CA	TS 930S R 71A	10
TYLER, TIM	TT-MI	CR 2021	1
WHITE, FRED	FW-FL	TWO NRD 515	23
WILLIAMS, JOHN D.	JDW-FL	R 71A/ R 7A	16

WELCOME to our new contributors, and welcome back to our regulars. You new contributors be sure to cut apart your logs, and include as much info as you can; especially callsign and frequency; and if at all possible, agency, city, and country. Contributions were light this month so I won't be able to fill out my 7-page allotment, hence the double spacing in this text.

Joerg Klengenfuss sent along some logs and some nifty postcards from his recent DXpedition to Mauritius, Reunion, and Rodrigues. Some guys have all the luck. Imagine DXing for a living, and then writing off a trip like that as a business expense! Anyway, the results of the trip will appear in the next Klengenfuss Guide to Utility Stations and the associated supplement service.

Fred White sent along a formula for calculating the required bandwidth of a filter for application against a RTTY signal. I can't add 2 and 2 without my IBM System/36 computer, so I'll just assume Fred's formula is correct; it looks simple enough:

$$\begin{aligned} \text{Bandwidth} &= \text{shift} + (3 * \text{Baud rate}); \text{ for example} \\ &= 425 + (3 * 50) \\ &= 575 \text{ hertz} \end{aligned}$$

Peter Conway asks for an address for Houston LD0C. Anyone having such info can communicate directly with Peter at 1 The Woodlands, The Ridge, Hastings, E. Sussex TN34 2SF England. Peter, the address for KHT is Rockwell Communications, 5225 C Ave. NE, Cedar Rapids, IA 52402.

That's all for now. Hope to have a better turnout as the year wears on and the sunspots get more plentiful. At any rate, happy DXing.....

*Jeff*

**SPEEDX SPOTLIGHTS\***

AUGUST 1987

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER  
354 N. WINGTON DRIVE, PALATINE, IL 60067-4132 U.S.A.

TOTAL CONTRIBUTORS: 121

3	ADDISON, JOE	KS R600	5	LANGLOIS, HAROLD	FL
5	ALEXANDER, HARRY	NJ NRDS25	1	LEITE, STEPHEN	MA NRDS15
2	ALEXANDER, RODNEY	IA IC-R70	1	LEMKE, RICHARD	AB IC-R71A
1	ALPERT, DAVID	NY IC-R71A	8	LEVISON, HAROLD	PA IC-R70
6	ARCHER, ROWLAND	NC	1	LORENZ, TOM	IL FRG7700
1	ATKINS, GARY	GA R390	1	MASAMUNE, ATBUSHI	JP R2000
1	BELGHAUS, FRED	NJ IC-R71A	3	MATTALIANO, ROBERT	MA IC-R71A
5	BERRI, JASON	CA R2000	1	MEZEK, FRANK	CO IC-R71A
7	BISHOP, FORREST	NY RF4000	6	MILLER, WILLIAM	CA DX400
2	BLAIR, ARTHUR	CA NRDS15	5	MIYAUCHI, SATOSHI	JP T9430V
7	BOWDEN, RALPH	CA FRG7700	1	MUNSTER, RALF	GA TR7
2	BROWN, EDWARD	IL ICF6000W	1	McCANTS, DONALD	AL ICF2010
6	BRYANT, MIKE	GA	0	NEILSEN, ??	CO
2	BUSH, DAVID	OH GE WM-2	2	O'CONNOR, PATRICK	NH IC-R71A
2	CARD, PETER	RI NRDS15	2	OLSEN, WILLIAM	NC
1	CARLISLE, FRED	MA NRDS15	1	ORR, DAVID	CA R2000
1	CODAY, RICHARD	WA FRG7700	2	ORR, TONY	FL R600
2	COLEMAN, ROBERT	MA IC-R71A	3	PERASSO, GARY	CO
2	CONWAY, PETER	UK T8430S	1	PIMBLETT, NIGEL	AB R600
1	COUCH, ROBERT	TN R1000	1	QUAGLIERI, AL	NY SP600JX
2	COUNTERMARSH, JIM	VT DX300	1	RADTKE, CARL	CA SPR4
3	CURTIS, WM. FREDDY	TN ICF2010	5	RIPPLE, R. CHARLES	VA NRDS25
14	D'ANGELO, RICHARD	PA MC190	1	ROBERTS, KEN	IL R2000
12	DILLON, PETER	MO DX400	8	ROBINSON, BETSY	TN FRG7700
1	DOWNING, RON	CO IC-R70	8	ROCKER, RAYMOND	MB FT7570X
2	EVANS, JAMES	TN R2000	1	ROMBERG, BILL	WI RF4900
2	FAMULARO, RALPH	IL ICF6000A	4	ROSS, ROBERT	ON T9430S
2	FISHER, JOHN	MA R2000	4	SAMPSON, DANIEL	WI R1000
1	FLORIMONT, ED	NJ NRDS25	1	SANDERSON, JACK	AZ R2000
4	FLYNN, BILL	CA R2000	9	SHAFFER, LAWRENCE	PA ICF2010
1	FORSBREN, RAY	WI FRG7700	1	SHANKLIN, GEOFFREY	MA IC-R70
4	FRAGER, BOB	MA CR2021	1	SHARP, DAVID	FL R1000
4	GAGER, PAUL	AU GRUN600	1	SHARPE, BRYAN	CA DX302
1	GEORGE, NELSON	NC IC-R71A	2	SHIMADA, SENSHU	JP FRG7700
12	GEORGE, STEVE	MA R2000	4	SNYDER, DAVID	NY RF2000
2	GERSTNER, JOHN	NY DX1000	1	SOMERS, JACK	CA T8430S
4	HALSTEAD, GARIE	WV ICF2001	7	SOOMRE, ED	MA R2000
2	HARDER, PHILIP	CO	1	STARR, TIM	GA DX302
3	HARDESTER, MIKE	PA FRG7000	1	STEPHANY, NOLAN	NY R392
2	HARDY, LEROY	CA IC-R70	4	STRANSKY, LARRY	NY R2000
2	HARRINGTON, ROB	CO	2	SZALONY, LEONARD	CA T9390S
3	HAVRILKO, VINCENT	UK ICF2010	7	THOMPSON, PEGGY	CA FRG7
7	HAWKINS, HUGH	TX IC-R71A	1	TRESCHER, FRED	PA
4	HEINEN, WAYNE	O R390A	5	TROTTO, RON	FL CR2021
2	HESCH, RUTH	NY R1000	5	TWIGGS, DAVID	CT
1	HILL, KENNETH	MA NRDS25	1	TYLER, TIM	MI CR2021
2	HOLBROOK, HANK	MD RBL4	4	UERLINGS, JAMES	OR NRDS25
2	HYSON, MARTY	CO	1	VAN HORN, GAYLE	FL RF3100
2	IMEL, J.	CA	1	WALLACE, ANDREW	MA
4	JANUSZ, ED	NJ ICF2010	1	WARD, BARRY	NE IC-R71A
13	JOHNSON, L.L.	CA	1	WASHBURN, CHARLES	ME R1000
2	JOHNSON, ROBERT	NJ IC-R70	5	WATSON, MARSHALL	FL ICF2010
3	JONES, BRIAN	TX IC-R70	1	WELCH, FRANK	MA ICF6000W
9	JONES, DAVID	TN 5-181	6	WEBSTENHAYER, WILLIAM	QU ICF6300W
2	KERRIGAN, PATRICK	IL R1000	4	WHITE, FRED	FL NRDS15
7	KLINE, JAMES	CA FRG8800	1	WILKINS, JOHN	O R1000
3	KLINGE, JACK	CO	2	WILLIAMS, JOHN	FL IC-R71A
3	KLINGENFUSS, JOERG	FB ICF2010	10	WORD, PHILLIP	TX
1	KNAPP, JEFF	OH R2000	13	WRIGHT, PHILIP	MB DX400
1	KOBYLSKI, TONY	MD R2000	13	ZIRKELBACH, BOB	CA R1000
1	LADD, CARL	CA			

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:  
LATIN AMERICA

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTH'S BULLETIN:  
NAB/LAB/UTILITIES/CDE MATERIAL

Well gong, I much better month than last month! I believe we are all caught up now as far as all of the missing columns from last month goes.

We have no new full members this month...but we sure do have a bunch of new contributors this time around. Remember, to make full member and to enjoy all of the benefits thereof, all you need do is earn 10 credits within a years time. It's certainly not hard to do, so get started!

ALPERT, DAVID.....NY	COUCH, ROBERT.....TN	OLSEN, WILLIAM.....NC
ARCHER, ROWLAND....NC	INEL, J. ....CA	TYLER, TIM.....MI
BRYANT, MIKE.....GA	LADD, CARL.....CA	WALLACE, ANDREW.....MA

Well come all 9 of you to SPEEDX SPOTLIGHTS...I hope to see your names again and again in these pages. You're the people that really make SPEEDX the absolute, best in DXI '73 for now.....

John

(Cont. from P. 8)

## Making Waves

"They're specific problems with having a radio station on a ship," said Weiner, climbing a ladder from the steamy hold to fresher air up-side. "But it's holding 'up pretty well!"

Weiner said that more than 20 people "pitched in all nickels and dimes" to raise the money to purchase and outfit the Japanese-built ship. So far, the venture has cost at least \$100,000, he said.

As Weiner has worried about keeping the equipment in working order, Steele has spent his time talking to reporters and planning the station's programs. At one point yesterday, Steele, wearing a T-shirt that said "No Nukes," climbed the radio antenna and flashed a peace sign to a passing helicopter carrying a television station camera crew.

Steele said that "we're basically here for two reasons: our right to broadcast without getting a license, and as an alternative to programming that leaves a lot to be desired from other New York stations."

RNI has opted for music from the '60s to the present, including antiwar songs by onetime FM-rock staples such as Country Joe and the Fish. According to persons friendly with the rebel broadcasters, the music is being assembled on tape in New York City and then delivered to the ship for broadcast. RNI gives its business address as 496 LaGuardia Pl. in Greenwich Village.

legally anchored at the time. It was only the present time the Coast Guard is taking an inventory of all the equipment on board so that they can't come back later and say there was a piece of equipment that's missing." (NPR): "But what gives you the right to arrest these guys?" (Terrell): "Uh, U.S. Code".

The FCC says that several parts of the U.S. Code were violated, as well as a portion of the International Telecommunications Convention barring unauthorized ship-board broadcasts from outside territorial limits. Both men were charged with a felony and a misdemeanor. They were released on their own recognizance."

(So there you have it...the rise and quick downfall of a pirate legend. Several lucky East Coast types logged it on 6240 kHz (they were also on 190 kHz LW) in its 5 days of operation. Thanks to D'Angelo-PA, Westenhaver-QUE, and Demmitt-PA for tips-AQ)

**A QUICKIE FROM THE PUBLISHER:** Oops! Sorry about the jumbled pages in last month's issue, no one to blame but myself. Look for SPEEDX a week earlier beginning next month and (hopefully) for ever and ever. - A.Q.

**MISSING IN ACTION:** This month's LATIN AMERICA column, which never arrived at publishing HQ.

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