

SPEEDX

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COVER ART BY:

Peggy Thompson - California

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1985

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Happy Holidays!


from

SPEEDX



The DX Radio Magazine for Active SWLs

Up Front

 **Tom Kephart**
P.O. Box 2041
Mt. Pleasant, MI 48858

BOARD OF DIRECTORS NEWS * LETTERS * ANARC NEWS * LAST-MINUTE INFORMATION

Letters to Up Front should be limited to 150 words or less, and must include the author's signature and full address. Letters may be shortened due to space limitations. The opinions expressed by members in Up Front do not necessarily reflect those of the editor of Up Front, the Board of Directors, the staff, or the membership of SPEEDX. Thank you for your cooperation. (tk)

Many thanks to all who have made this SPEEDX's finest year. All the editors and staff who've put in hundreds of volunteer hours, and of course to you, our members, the most active group of DXers in any shortwave club in the world. This month we have 176 total contributors to the magazine, a number which no other club can even come close to! We're looking forward to 1986, and we hope you'll be with us for another great year of shortwave listening and DX.

QSL REPORTS MOVES TO WISCONSIN

Don't forget that beginning with the January issue, *QSL Reports* will be edited by Ray Forsgren of Chippewa Falls, WI. His address is on the top of this month's column.

NEW! GUIDE TO SOVIET LISTENING

SPEEDX Headquarters announces the publication of the newly rewritten and revised *Guide to Soviet Listening*. *Product Profiles* editor Michael Nowicki did extensive research into compiling this booklet, which includes information on all aspects of radio in the USSR. I just received my copy, and I've found answers to dozens of questions that I've had for years about the world's largest, and often most enigmatic, radio country. Ordering details are in the *SPEEDX Bookshelf*, which appears on page 71.

CIDX WRTH SPECIAL FOR CANADIANS

The Canadian International DX Club is again offering (in Canada only) the 1986 WRTH at a special pre-publication discount price. The 1986 WRTH has a Canadian list price of over \$28. Advance orders to CIDX HQ will be accepted at the following rates: CAN\$24 each, postpaid, or CAN\$28 each Special Delivery postpaid. This offer valid only for books shipped to a Canadian address. Money orders or cheques (in Canadian funds, I assume ed.) to CIDX, #12-1411 Millwoods Road East, Edmonton, Alta.; T6L 4T3.

CIDX Executive Secretary Don Moman also informs me that effective 1 December, the new CIDX address will be: #61-52152 Range RD 210, Sherwood Park, Alberta, T8G 1A5.

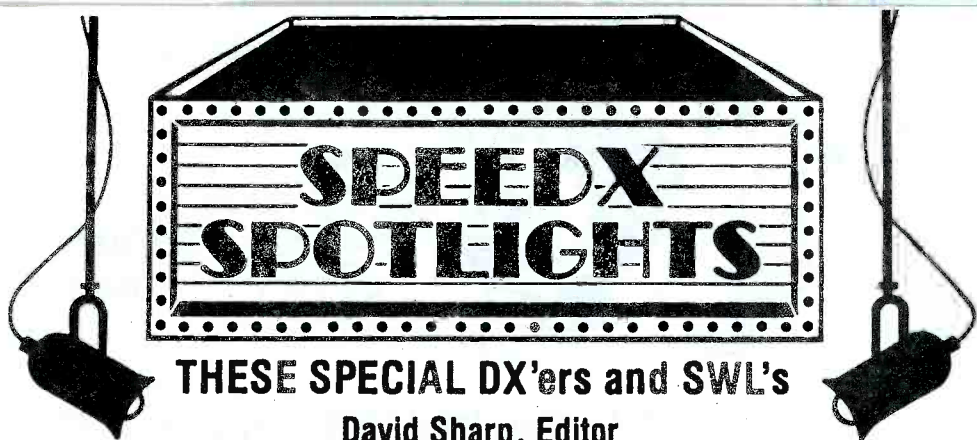
POST OFFICE BOX 2041

Dear Tom:

I thought I would write to *Up Front* to express a comment! First of all, I have been a SWL for 12 years now, and have enjoyed the hobby very much. I also belong to NASWA and ASWLC. Until last month I thought that everyone in this hobby go along until a few comments by members of ASWLC. They said that shortwave clubs today are caring more about new listeners and log reports, more articles on stations and news is what they want. I say radio is my first choice on anything, if they want articles or news let them subscribe to *RIB* or *The Shortwave Guide*. What's the beef with helping [new SWLs], some info might even juggle our memories again. Comments about the [quality] of loggings in NASWA and other publications [that] they're not that good, well, summer wasn't a hot DX season either, was it? I hope SPEEDX does not let its members fall into a



(UP FRONT continues on page 68)



THESE SPECIAL DX'ers and SWL's

David Sharp, Editor

17602 Meadowbridge, Lutz, Florida 33549

Deadline: 12th of month

Welcome to SPEEDX Spotlights, and greetings to our five new Full Members!

JACQUELINE COLE...CO
PAUL DONEGAN.....CA

KENNETH FRANK.....ON

PAUL GRANONE.....NM
DAVE KUSTRA.....AZ

We appreciate your support of SPEEDX, and hope to continue seeing you in the pages of our magazine.....

A BIG welcome also goes out to our new and rejoining members.....

John McColman
Hampton, VA
(ICOM R-70)

Campus Int'l Programs
Milwaukee, WI

D. James Nielson
Littleton, CO

Brad Wenzel
Calgary, Alberta

Jose Castillo
Pelham Manor, NY
(Sony 7600D)

Warren Leach
Portland, OR

Barry Tague
Indianapolis, IN

Harry Reid
White Bear Lake, MN
(Kenwood R-2000)

Michael Long
Key West, FL
(Heath SB313)

Kenji Hashimoto
Yokohama City
Kanagawa, JAPAN

Floyd B. Walker
Fort Wayne, IN

Herb Harnish
Fort Wayne, IN
(RF-3100)

Frank John Petrick
Endicott, NY

Arthur H. Pike
Las Cruces, NM

Karl Miller
Newfane, NY

James McNeal, Jr.
Austin, TX

Paul Zecchino
Narragansett, RI

Warren Rothman
San Francisco, CA

Fritz Mellberg
Hawarden, IA
(ICOM R71A)

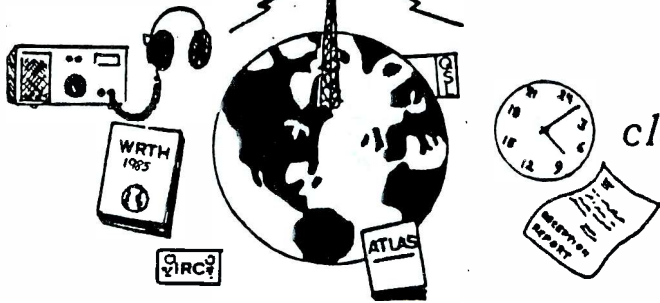
Paul Choroszy
Old Orchard Bch, ME
(FRG 7000)

A great turnout this month, and welcome again to our 20 new members. You have chosen America's #1 shortwave club to enhance your hobby, and we hope you enjoy your stay with SPEEDX. Needless to say, if you have a friend or relative interested in shortwave, why not send him the SPEEDX way? Anyway, we hope you'll start contributing to the magazine, it's a lot of fun and you'll be helping out other DXers! See you in DX Montage, which begins on the following page.....

HAPPY HOLIDAYS TO ALL

DX

MONTAGE



club info
contests
humor
fun

*David Sharp, 17602 Meadowbridge, Lutz, FL 33549
Deadline: 12th of the month*

DECEMBER, 1985

Welcome to the last column for 1985! The year's gone by fast, hasn't it? Not much else happening here in Lutz-land, except for the new three element tri-band beam I'm using for DXing. It took five hours to get the new antenna up, but certainly worth it. Longest element is 27 feet long! Lots of interesting articles this month, including part two of our NHK profile.....

Thank You Department: My appreciation goes out to all who voted for me in the BOD election. As promised in my campaign statement, I am eager to hear your comments and suggestions, and will be happy to include those in upcoming Round Robins. Thanks again for your support, and with your help, we can all make SPEEDX a better club.....ds.

Have You Gotten Your SRGU? As mentioned in a prior Montage, the third installment to our Reference Guide to the Utilities is now available for only \$4.75 in North America, \$6.25 elsewhere. It covers USCG, Commercial Aeronautical, a Basics Section, and a Maritime Mobile Chapter. The ENTIRE SRGU (first three sections, a total of 237 pages) is available, without binder, for only \$11.75 in North America; \$15.25 elsewhere. Order yours from headquarters: 7738 E. Hampton Street, Tucson, AZ 85715.

C-64 Useful For SW/Ham Radio: The October 1985 issue of Commodore Microcomputers had an article entitled "Become Radio-Active With Your 64" by Mel Granick, KS2G. The article mainly dealt with the use of the 64 for Ham purposes, but there was some helpful information. The article said that "...not since the pocket calculator replaced the slide rule has there been a device as useful as the Commodore 64..." Programs mentioned in the article were: "Super Log", "Contest Log", "Formulas", and "Ham Antennas." Also mentioned were programs for propagation charts and morse code. If you want the addresses of the companies that make these ask a buddy that has the magazine. The article is really worth reading. (David Klopfenstein-OR. Would anyone consider sending a copy of the magazine here for further review? ds.)

United States To Get Another SW Station: On Christmas Day, World Harvest Radio will sign-on with a 100 KW shortwave transmitter. This station is a religious organization and they are looking for reports and monitors. QSL cards will also be available. The frequency schedule is still being worked out. For further information, write to: World Harvest Radio, P.O. Box 12, S. Bend, Indiana, 46624. (Transcribed from Media Network by Richard Lemke-ALTA)

DXM Station Profile (Part Two): Radio Japan: The suspension of Radio Tokyo was lifted in July 1949, and the Japan Broadcasting Corporation began preparations for restarting its overseas broadcasting service. Momentum was increased in 1951 with the signing of the San Francisco Peace Treaty, and the first programs were finally broadcast on February 1, 1952, after silence of six years. The reconstituted Radio Tokyo had now changed its name to Radio Japan.

Radio Japan's first services were broadcast to North America and 4 other

regions. The broadcasting time was 1 hour daily, and the languages were limited to English and Japanese. Services were gradually expanded, however, with longer hours, more languages, and stronger transmissions. Radio Japan now broadcasts 40 hours daily in 21 different languages.

Radio Japan is part of the Japan Broadcasting Corporation, a public body, and conducts its overseas broadcasting under the Broadcasting Law of Japan. There is no official interference from the government, however, regarding the nature or contents of its programs. This represents a total departure from the situation which prevailed before and during World War II.

There are now nearly 100 countries with SW overseas broadcasting stations. All such countries place high priority on the achievement of stable reception conditions. This is most visible in the efforts which are made to increase the output of their transmitters and obtain new relay facilities. High powered transmissions are now common, while many SW stations are increasing the number of their transmitters in order to make simultaneous broadcasts on five or ten different frequencies.

At present, Radio Japan has a maximum power of 200 kW and only uses a limited number of frequencies. Radio Japan is now giving top priority to the improvement of its reception conditions.

In addition to the relay broadcasts via Sines in Portugal, Radio Japan has also been relayed via Moyabi in Gabon since 1984. The Moyabi Transmitting Station relays Radio Japan programs at 500 kW, resulting in greatly improved reception for Europe, the Middle East and Africa. Indeed, results have far exceeded expectations. Radio Japan now receives more reception reports from these areas than it did in the past.

Progress is also being made at home. Work has already commenced on the improvement of KDD's transmitting facilities at Yamata, with the result that by 1988, output is expected to be increased to 300 kW. This will improve reception conditions in Asia. Radio Japan also plans to obtain relay stations in Central America (Panama...ds) and Southeast Asia in the near future, with concurrent improvements for reception in North and South America and Asia. (We hope you enjoyed our profile. Thanks go to R. Japan, for providing us with this profile. ds)

A Different Value For Reception Reports: The Mexico City newspapers recently carried the story that the Director of "Radio Guerrero" had been indicted on a long list of charges involving the operation of the station. The station is MW and owned by the State of Guerrero. In summary, the charges stated that the station had not been providing national coverage with a 10 kW signal, but had been operating with poor fidelity at 3 kW, the limit of its 30 year old equipment, a fraude against the government and the people. If the station had appeared in MEDIUMwaveguide, a copy of SPEEDX would be worth its weight in gold at the defense attorney's office! (From Carl Huffaker-MEXICO, who wonders if we've ever thought of this when sending a reception report??? ds.)

NDXE Status Report: Al Quaglieri-NY: Dickson Norman is a man with a 25yr. plan: he wants to conquer the world through shortwave radio ("I think the word 'shortwave' has negative connotations...I want to make people think of it as 'superwave'). Even though the world has yet to hear the starting gun---physically, NDXE is currently a cleared piece of land with some site improvements, but no tower, antenna, or transmitter---Mr. Norman is mentally running future races: a power upgrade to 500 kW, a digital stereo satellite feed to cable systems, and the mass-manufacture of a \$50 all-wave synchronous-sideband stereo receiver. For the present, though, the search is on for a transmitter; Norman claims that a healthy VOA budget has created a shortage among U.S. manufacturers, and negotiations are now underway with France's Thomson-CSF for a unit nominally deliverable in early 1986. The antenna will be a steerable log-periodic vee, unique, claims Norman, amongst North American broadcasters. Also planned is a backscatter ionospheric measurement system, to enable pinpointing antenna position for maximum target area coverage. Rounding out this state-of-the-art system will be a Kahn Universal AM Stereo Generator (for "concert hall fidelity with no platform motion"), making NDXE the world's first & only stereo shortwave broadcaster---despite the fact there's not one commercially-available shortwave receiver currently capable of decoding this spe-

NHK 50th Anniversary of Radio Japan 1935 to 1985

cial feature. Norman doesn't seem concerned about this, and the long delays and miles of red tape haven't noticeably dampened his contagious enthusiasm; Dickson Norman is talkative, persuasive, he thinks big & believes in his dream. Time and public response will tell if NDXE was indeed worth the wait. (Thanks also to Bill Thim-CT, who has given us info on NDXE. Look for it in an upcoming DXM. ds)

A U.S. 'voice' in the News Wilderness: A sizable segment of the American population is now swarming over the globe from Perth to Pilsen and from Ischl to Ise, and all stops in between. Along the way, travelers often find themselves far from a newsstand that carries newspapers in English. And even if they can manage to make out what the local press is saying, the only news of the United States may be a bit of Hollywood gossip at the bottom of an inside page. There are those who have been known to develop a sort of psychic vertigo under such circumstances. One remedy is to keep in touch with America by shortwave.

The Voice of America beams daily doses of homegrown news and entertainment to Europe, Asia, the Caribbean, Africa and the Middle East. Another source of news from home is the AFRTS, which also maintains an extensive schedule.

In the past, shortwave radios were bulky and complex, but recently, several battery-powered models have come into the market, small enough to fit in the palm of the hand yet sufficiently powerful to pull in virtually the whole world with a telescoping antenna. It has often been said that the world is getting smaller, but the cliché takes on fresh meaning when you hold one of these radios in your hand. (Edited version of an article by Hans Fantel in the Milwaukee Journal. Sent in by the "unknown contributor" in Milwaukee. Please put your name on all contributions, so you can get your credits. Thanks. ds.)

New Legislative Action Needs Our Attention: From Duke Alexander-TX comes the following: "The Electronic Communications Privacy Act" of 1985, sponsored by Sen. Patrick Leahy (D-VT) and Rep. Robert Kastenmeier (D-WI), would, in effect make SWLs liable to Government prosecution under wire-tapping laws, for just listening to mobile/cordless telephones that operate in the shortwave or VHF spectrum. I suppose the satellite TV people could be involved in this as well (Duke's comment). This is a good example of legislators trying to accommodate greedy commercial interests. If the telephone or satellite people feel it is too costly to put scramblers on their devices, they just lobby Congress to "criminalize" the innocent listener. SWLs that enjoy listening in to unscrambled military communications could wind up in Federal Court because of an attempt to QSL! There are quite adequate laws already on the books against espionage and fraudulent misuse of radio or TV signals. This measure would put the U.S. in the same category as those countries which do not allow free reception of radio signals. We must not sacrifice fundamental American rights! I would hope every SWL takes pen in hand and writes his or her Congressman! Remember, these legislators (with the exception of Senator Goldwater) know NOTHING of SWLing, YOU are the only one that can set them straight on this. (Duke certainly has some opinions on this legislation. How do you feel? We'd like to include your comments in an upcoming DXM. ds)

Special DX Test Scheduled: Wayne Heinen, from beyouteeful CO, advises us that under the auspices of the NRC, KSLM (1390 kHz in Salem, OR) will conduct a special DX test on December 9th, from 1030-1100 UTC, with 5kW/d. Programming will consist of mx, tones, morse and voice ID's. (Thanks for the call, Wayne! ds.)

A DXM Christmas Classic, or: "How a DXer Gets the Best of a Situation."



DXM PRESENTS ... THE CONTEST PAGE

Time once again for the Contest Page, so here we go.....

GEOGRAPHY QUIZ: The November mystery country was Nepal. Our winner is Robert Ruhe-PA. Now, the December country profile: Location: Asia. Population: Not available. Ethnic Groups: Bhotia, Nepalese, Lepcha, Indians. Languages: Dzongkha (official), Nepalese. Religion: Buddhists (75%), Hindu (25%). Area: 19305 sq. miles, the size of Vermont and New Hampshire. Topography: This country is comprised of very high mountains in the north, fertile valleys in the center, and thick forests in the Duar Plain. Chief crops: Rice, corn, wheat, oranges, cardamon, yak butter, lac, wax. T.V Sets: n/a. Radios: 12,000 (estimated figure). History: The country came under Tibetan rule in the 16th century. British influence grew in the 19th century. A monarchy, set up in 1907, became a British protectorate by a 1910 treaty. The country became independent in 1949, with India guiding foreign relations and supplying aid. Links to India have been strengthened by a road network and airline service. Most of the population engages in subsistence agriculture. Identify the country, and get a set of Basic Information Pamphlets. Good luck!

PIN THE TAIL ON YE ED: I've been wanting to know what country the "Bank of Communications" was founded in. The answer is China, pre-Mao to be a bit more specific. Winner of the 1935 banknote is Donald Weber-OH. Now, time for our next quiz; deadline is February 12, 1986: In which year did "Happy Station" begin broadcasting? All correct entries will be put in a box, and the one drawn at random will receive a special prize. More details in January!

FOREIGN COMPETITION: I'm continuing last month's question; final deadline will be January 12th: What is Argentina's name for the Falklands? Winner will get a WPLA button...and remember, this competition is only open to SPEEDX'ers outside North America.....

ANNIVERSARY SWEEPSTAKES: Here is a special competition to celebrate 15 yrs of SPEEDX. Between now and March, 1986, everyone who sends a contribution to DXM will have his/her name put in a box. One name will be drawn, & for that lucky person, your editor will foot the bill on a six month extension to your current SPEEDX subscription! You may enter as often as you wish, & each time you do, you'll get another chance to win. So c'mon, send in those contributions, and you may win an extra six months of the SPEEDX magazine!

LANGUAGE ID: Our November language was Esperanto. Congratulations to Peter Dillon-MD, who also knew the translation of the following: preni-to take, cigaredo-cigarette, and bak'isto-cook/chef. This month's quiz: Identify the language, and win a SPEEDX "stick-on" logo: iqi, entendre, and visage..... deadline for entry is the 12th of December.

That wraps up another year of DX Montage. I sincerely hope you have a wonderful and blessed Christmas, and I also hope 1986 fills all your expectations. Also, before I forget, tnx to Wayne Heinen, Bob Moser, and Al Quaglieri for their phone calls. It was a pleasure, gents. Hope to have your contribution for the January Montage...until then, Happy Holidays!

CRACKER COUNTRY: For some unknown reason, the reindeer always gets your dipole about the same time NYAB fades-in!

SEE YOU AGAIN IN 1986

73's + Best
David

Product Profiles

News & Reviews

Michael Nowicki N6LUU

Computer info

Box 32215 San Jose, CA 95152

Results are still trickling in from the poll we did last month so I will wait one more month before publishing the results. You still have time to tell us about the computer you use in your shack and the radio related applications you are running.

While the amount of responses thus far has been low, the level of enthusiasm makes up for it. Just about every member has expressed an interest in doing some programming or in finding some SWL related software that's ready to run.

The best place to look for news about radio software and hardware goodies is where the makers of these products hope you will be looking for them; in the ham and swl magazines such as Popular Communications, Monitoring Times, 73, OST, and CQ. Religiously combing both the display and classified ads will make you aware of most of what's out there. The C-64 and the TRS-80 CoCo seem to have the ground covered when it comes to things like digital modes, antenna design, and programs to calculate everything from great circle distance to the MUF. The selection for other brands seems to thin out a little in some areas.

Another good place to look is the jillions (or so it seems!) of computer bulletin boards where you can download software for free or just the connect time fee, if any. COMPUSERVE has an enormous software library at your fingers and I have found everything from logbook programs to FAX programs there. There have been, and still are, a few shortwave and ham specific boards that come and go due to the cost and time in setting it up and maintaining the system.

Most computer user groups have a public domain software library available to it's members. At their meetings you can meet others with similar interests and needs, while in the back of the room are the pirates who like to share their library of bootleg programs or float over how they beat the newest copy protection scheme.

Some commercial software does not come out and say "use me for radio applications", but a word processor or database program can maintain the cleanest and most helpful logbook you can imagine. Software for RTTY and CW is pretty much hobby specific, but even terminal programs that can deal with 5 bit baudot can do RTTY with the proper modem interface. The new ATARI 520ST computer has built in software for 5,6,7 or 8 bit data exchange.

The other alternative is to learn to program and roll yer own software when you have some exotic needs that are not being met. An example could be an program to examine in various ways the text from a numbers station and look for patterns, repeats or any hints about the format, vocabulary or most used characters or digits. Or maybe you want to connect your radio and computer together to control the operation of the radio ala Icom and Yaesu. Not only will you have to write your own software, you will also have the dubious pleasure of concocting an interface box or a special cable at the very least.

The BASIC language is the easiest to learn and will do most of the tasks you have in mind except for high speed processing of data as when you sort huge blocks of data. The "C" programming language seems to be the current favor of professional programmers because a program written for an IBM can be fairly easily converted to run on an Apple, or whatever. This language resembles BASIC but compiles down to machine code for quick execution. The best of both worlds.

This month let's take a look at antenna tuners, a subject of much confusion and misunderstanding. In its most rudimentary form, an antenna tuner or transmatch is a coil and capacitor, both of which are adjustable. It helps to resonate your antenna circuit at the frequency desired for optimum gain.

If your radio has a control marked ANT TRIM you have a simple tuner built in, so an external tuner may not yield that much of an improvement. The newer desk radios like the R71 and the FRG-8800 seem to be dropping this feature assuming that you may want to use an external tuner for better results. Owners manuals often suggest use of a tuner for best results. It also cuts their production costs.

The controversy arises over the arguments that tuners only fool the radio into seeing a tuned antenna circuit, or that it only affects the antenna feedline. Other theories abound, so without becoming embroiled in this spat, I will say it can cut SWR to almost nothing and bring in signals that you didn't know were there. With random length longwires and apartment bound SWLs, it can squeeze the last bit of performance out of your setup. Building one is not hard and plans can be found in the ARRL Handbook and other sources, but most will opt for buying one new from MFJ, Heathkit, Radiokits or others.

Most tuners will work with transmitters and receivers. Ratings may range from 10 to 2000 watts or more, but this is not important to the SWL except for price. A 2000 watt model will cost much more than the 10 watt little brother.

One tuner I use with my R71 is the MFJ 941B which retails for under \$100. It can handle up to 300 watts, more than enough for my ham rig. It can switch up to three antenna systems through the tuner or bypass it for a direct connection to the radio. A built in SWR and wattmeter are essential for hams but not for SWLs unless you plan to become a ham in the near future.

One variable capacitor control tunes the transmitter/receiver line while the other capacitor deal with the antenna circuit. A 12 position selector switch adjusts the amount of inductance between the two. The result is that just about any hunk of longwire or simple dipole array can operate with near maximum gain on any band from 2 Mhz to 30 Mhz.

Many active antennas have a tuner within the control box that resonates a whip antenna before amplifying the signal, but most of these are not intended for transmitter use.

Prices overall for new tuners can range from \$25.00 to over \$500 so there is quite a bit to choose from and in most cases you get what you pay for. Avoid buying used tuners that may have been used for ham radio. You have no way of knowing if too high a power level was ever applied to the tuner, weakening or even burning out a little fuse-like element that is a bear to get a replacement for and fix yourself.

And lastly, a quickie review of the Atari 520ST computer. It has a half megabyte of RAM and the GEM operating system that features windows, and is for the most part, the same as the operating system found on the IBM. In fact, you can transport programs back and forth between the two. A two button mouse and a keyboard with a numeric keypad and 10 special function keys gives maximum ease of input.

3 1/2" disk drives can hold about 300K formatted in either a single or double sided format. A \$500 hard disk holds 10 megabytes. Ports include 2 mouse/joystick ports, both serial and parallel interfaces, a MIDI port for controlling electronic musical instruments.

Languages available include BASIC, LOGO, C, FORTH and soon to be released PASCAL and COBOL. BASIC and LOGO comes with the computer. Prices are at this time \$799 for the monochrome with 640 x 400 screen resolution or \$999 for the color monitor version.

I've had mine for about 6 months now and I'm very satisfied. More and more software is being released each week and what I have seen so far looks pretty good. Lots of databases and word processors for your logbooks. My efforts in developing ham software are bearing fruit so sometime in early 1986 the ST will be able to transceive monochrome and color FAX/SSTV in addition to CW and RTTY. In short, the 520ST is a Macintosh at one third the price, with a better keyboard and superior operating system.

That's it for another month, happy hacking and 73!

Anyone who is at all interested in radio as a hobby has dabbled with or considered getting into military radios. They can be found at hamfests, flea markets, surplus electronic stores and some dealers. With all the dials, buttons, meters and cables evident you are immediately impressed by what you imagine it can do. In reality however they do much the same things as their newer solid state commercial cousins do but without the high price tag, compact size and light weight.

Built to very demanding military specifications they are well designed, perform well and can take an incredible amount of abuse before they fail. They also have the nickname of "boat anchors", and rightly so. The most commonly available units use vacuum tubes which require many watts of power to drive and take up room. The cabinet must be strong enough to protect them from damage and rough handling common in wartime and for this you add more bulk and weight.

Among the advantages are that they are very inexpensive, use parts that mostly can still be found and fixed by the user (not so with modern solid state rigs), and fun to play around with. Military transceivers often have continuous tuning that allow transmitting and receiving on any frequency within its operating range, unlike ham or commercial units. This ability makes them very attractive to maritime operators, survivalists, pirates and the curious. Until only recently VHF and UHF scanners did not include many frequency bands that were used primarily by the government and law enforcement agencies. Military radios were designed to include these bands for official use.

I do not necessarily recommend buying one for use as your main radio but they are downright handy for use as a second receiver or for field trips. When planning camping trips you will be more inclined to throw an army shortwave set in the back of your 4 wheel drive than you would be to bring your nice new \$500+ solid state radio and store it with the fishing poles and canoe paddles, not to mention risking exposure to the elements for which it was not designed.

For the prospective buyer of military surplus radios to make an intelligent purchase, they must first determine what class they fall into. For the person who is consumer oriented (plug it in right away and turn it on) you should first determine if the radio is working and if not, if you can fix it yourself. Most rigs do not have an internal power supply and may require several high voltages that are not safe for those who may not be sure what they're doing. Many times the radio will come with a separate power supply that uses as its source either 117 VAC or 6, 12 or 24 VDC.

The more technical hobbyist who actually enjoys rolling up his sleeves and diving in with a VTVM to debug the problem will not be discouraged at the prospect of having to build a power supply to run it on.

Oftentimes you will encounter radios at the flea market where power is not available for demonstration purposes. In this case you will have to do a little detective work. Ask the seller to tell you about the radio and the depth of their reply will also tell you just how much they really know about it, if anything.

The first thing is to look at the overall condition of the radio. Just because the cabinet may have paint scratches, dents, dings or even rusty bloodstains does not mean it's not working. Look at the front panel to see if it's in the same condition as the cabinet. Oftentime it will be in much better condition because of flanges built in to protect the front panel from damage or because the cabinet is not the original one. A can of olive drab spray paint will cover a lot of sins.

The next step is to open the radio and look to see if everything seems to be there. This means no empty tube sockets and no signs of cannibalization for parts. If there are any transformers smell them for a telltale burnt odor that could be a tipoff that it's a dud.

The bottom line of course is price. Low price is what justifies taking a chance on bringing home a boat anchor and hoping it will work ok. Hamfests are probably the best place to get good deals because hams are notorious cheapskates, sellers know this and price their equipment accordingly.

As an example I have seen Collins R-392 shortwave radios sell for as little as \$30 and as much as \$300 in similar condition! Reasons for this vary. Dealers who also run a shop have to make a profit but they will more often stand behind what they sell, while a ham whose wife has been nagging him to get rid of all that junk in the garage will be more likely to cut you a good deal just to get rid of it.

In summary, first determine that you really need the radio as a useful addition, assure yourself of it's operational condition and then dicker!



PSST!

TIPS 'N' TOPICS

JOHN DEMMITT
Box A, K0848
Bellefonte, PA 16823
DEADLINE: 12th



Santa has already sent a few things to TNT and I thought I'd pass on a couple of the reviews on some of the most interesting books. Two of the excellent publications will be reviewed below. Merry Christmas.

TNT TNT TNT

Radio Receiver-Chance or Choice John Demmitt, PA

Finally there is a publication which one person does all of the reviews on the receivers and equipment. Rainer Lichte, author of the book which measures 6" x 9" and contains 256 pages, has reviewed every piece of equipment and has provided not just the technical data but has an easy to understand opinion which includes such information as results of the field test, rating & criticism, description, specific features, miscellaneous circuits, summary, etc. This publication is loaded with charts showing at a glance all of the technical data needed for a receiver evaluation. Also shown are pictures, graphs, lists and other valuable information which will assist the person in selecting the receiver that is ideal for his or her needs. Most of the popular shortwave receivers and accessories are listed in this publication. This book may be purchased for \$18.50 plus \$1.50 shipping from: Gilfer Associates, Inc., 52 Park Ave., PO Box 239, Park Ridge, NJ 07656. See the review by Ruth Hesch found in this column.

Landmobile & Marine Radio Technical Handbook John Demmitt, PA

Our own SPEEDX'er is the author of this technical handbook and he is none other than.... Edward M. Noll who lives in Pennsylvania. His 576 page manual of technical information measures approx. 7 1/2" x 10" showing plenty of charts, lists, schematics, drawings and pictures that covers industrial, public safety, land transportation, radiotelephone & radiotelegraph and personal radio services in the commercial two-way radio field of landmobile and marine. The technical material covers all areas of interest including... two-way radio fundamentals, equipment circuit details, maintenance and installation data and test equipment types and practical usage. Special attention is devoted to such areas as: Two-way radio services and their frequencies, Transmission characteristics and emission and modulation classifications, Solid-state fundamentals as related to transmission circuits presentation, Modulation systems used in two-way radio services, Digital and microprocessor circuits, Test equipment types and usage, Antenna systems, Landmobile two-way radio systems & circuits, Repeater, trunked & cellular radio systems, Marine radiotelephone & radiotelegraph equipment, Direction finders & loran, Marine radar and FCC licensing information. This is an excellent publication for those who have a technical background or those who are interested in knowing more about the marine and public service radio systems. The handbook is available from Howard W. Sams & Co., Inc., 4300 West 62nd. Street, Indianapolis, IN 46268 at a cost of \$24.95.

TNT TNT TNT

TNT wishes all SPEEDX members a very Merry Christmas and a Happy New Year.

DX LISTENING DIGEST John Demmitt, PA

Issue No. 1 just arrived and it is great! The DX Listening Digest is a sibling of Review of International Broadcasting and there is a special price available to those who wish to subscribe to both publications.

The purpose of the excellent publication is to compile, publish & distribute as quickly as possible, significant news concerning shortwave and often including other areas such as utility, ham, MW, LW, FM, TV and satellite.

Unlike any publication I have ever seen before, this publication has a handy frequency cross-reference guide to advise you of all the frequencies and countries covered in the issue of each DX Listening Digest. This makes it very easy to refer to something after reading.

The publication is filled with up-to-date material telling what is being heard on the various frequencies in the countries throughout the world. In addition there are news clippings and interesting transmission schedules when space permits.

The second half of DX Listening Digest is devoted to Enjoying Radio which is edited and published by David Newkirk. Anyone with any enthusiasm at all for radio will enjoy reading this fine column which tells of radio in the speculative, poetic, philosophical, satiric, dadaist, gaga or simply in the technical terms. It is informative and a joy to read. Try it - you'll like it!

DX Listening Digest is available for \$17 in North America for 12 issues from: DX Listening Digest, Box 490756, Ft. Lauderdale, FL 33349. A sample copy can be secured for the sum of \$1.50 on a one-time basis. For those interested in subscribing to both publications; DX Listening Digest and Review of International Broadcasting, a package price of only \$33 is offered.

REVIEW OF INTERNATIONAL BROADCASTING John Demmitt, PA

Issue No. 103 of the RIB begins with Broadcasts In English in a special section on the inside covers. It is handy to spot at a glance some of the favorite English broadcasts.

MONITORING TIMES John Demmitt, PA

The Nov. issue of Monitoring Times interesting articles including, From the Editor - Bob Grove "No Shortwave Listening In Prison..... an archaic myth persists", A Visit To HCJB, Radio Astronomy: Monitoring Signals Out Of This World, Plane Talk, Signals From Space, and a great many informative columns by the experts such as: Tune In with Ed Noll, Pirate Radio by John Santosuosso, Los Numeros by Havana Moon and many others. A subscription to Monitoring Times is available at a cost of \$12 for one year, \$22 for two years or \$31 for three years from..... Grove Enterprises, PO Box 98, Brasstown, NC 28902.

THE SHORTWAVE GUIDE John Demmitt, PA

The colored cover on this publication leaves no doubt that it is October edition of The Shortwave Guide. Who knows who is pictured on the front cover of this edition? Special stories are done on Matt Bell of WRNO and Southern Africa by John Santosuosso in DX Frontline. The detailed program guide section of this publication tells you what will be heard in the listing that goes by the date and time in UTC. Next to the listing you will find the name of the country and the name of the program along with detailed information about each program. This publication is geared to the shortwave listener who enjoys listening to programming from around the world. To order a one year subscription, send \$13.95 to: Lawrence Miller Publishing, 424 West Jefferson St., Media, PA 19063.

US PLANS MADE OVER SHORTWAVE Larry Stransky, NY

The Oct. 15th New York Times stated that President Reagan and Defense Secretary Casper Weinberger discussed plans to intercept an Egyptian airliner over shortwave without using scramblers because the two planes had different cryptographic systems and it would have required too much time for a third-party patch to allow for secure communications preventing shortwave listeners from hearing the secret plans in the making.

PREVENTING ACCIDENTAL HOLOCAUST Morris Pfeffer, NY

The Sept. 15th Syracuse Herald American tells how the hot-line between Washington, DC and Moscow works. A message from the White House sent by the president is transmitted, telephoned or sent hand carried to a long narrow room in the hushed and mysterious National Military Command Center in the Pentagon. There, the officer in charge will call the White House to validate the message. Once done, it is punched into a crypto machine made in West Germany and is converted to code. It is then transmitted to two earth stations in MD and WV and from there to an American and Soviet satellite high above the equator and back down to two earth stations in the USSR, one in Moscow and the other in Lvov and finally to the Kremlin. The system was set up in an attempt to prevent the two nuclear powers from starting a war over a misunderstanding. A West German encoding machine is used by both countries because neither side wanted to reveal its technology in their own encoding machines and decided to use a system from a third country. Both the US and the USSR shares codes with each other in this system of communications to prevent others from listening in.

THE PURPOSE OF RADIO MARTI David Claytor, MI

The real purpose of Radio Marti is still in question. From the very start of the idea, five years ago, Cuban exiles in Miami wanted to have a station that could topple the communist government in Cuba and they lobbied for the station. When it was finally approved by Congress it was no longer a propaganda radio station but a station under the control of the Voice Of America which is required to provide objective, accurate and balanced broadcasts. Today the station provides programming that includes a soap opera, music from Michael Jackson, Stevie Wonder, Lionel Richie and Olivia Newton-John and even baseball games. The above item was taken from the Sept. 9th Detroit Free Press.

CONGRESS SHOULD NOT CUT RADIO MARTI FUNDS Donald McCants, AL

From the Birmingham News on Oct. 8th comes word that Congress can not afford to give Castro a present by cutting the funding of R. Marti. Recently, a Senate appropriations subcommittee voted favorably to the administrations request for an \$11.5 million budget for Radio Marti in fiscal year 86 but the House in a voice vote on the floor last July cut the amount to \$8.5 million. Unless the full amount is restored in conference, the Congress will be forcing Radio Marti to cut its staff and operations just when it is beginning to show results.

GUERRILLAS ATTACK VOICE OF HOPE Jeff Knapp, WV

Five people were killed when suicide guerrillas attacked radio station Voice Of Hope, owned by American George Otis & located in Lebanon. The missionary broadcast service is operated by High Adventure. Comes from the Oct. 17th Charleston Daily Mail.

PHANTOM OF THE AIRWAVES M. Neuverth, CO

Taken from the Gazette Telegraph on Sept. 18th is a report telling of a phony Radio Venceremos operating near the same frequency but giving misinformation attempting to discredit the real Radio Venceremos.

CUSTOM COVERS FOR SW EQUIPMENT Frederick White, FL

CompuCover, PO Box 310, Mary Esther, FL 32569 has a toll free line (1-800-874-6391) where you can call to get prices on custom covers for receivers, transmitters, computers, equipment, etc. When asking for a price, it will be helpful to have the HEIGHT, WIDTH & DEPTH. You also might want to have the model number handy.

SPACE SHUTTLE TAPES AVAILABLE John Demmitt, PA

Duplicated copies of the ARRL tapes on file of the SAREX activity during Challenger mission STS-51F are available by writing to: ARRL, 1920 N St. NW, Suite 520, Washington, DC 20036, stating the date and orbit number for the tape you are requesting the price of.

SOUNDS ON SHORTWAVE Peter Dillon, MD

Regarding Bill Rabberg's comment about a cassette on shortwave sounds in the Oct. TNT column, one is available from Grove Enterprises, 140 Dog Branch Rd., Brasstown, NC 28902. The TAP-1 is a 60 minute cassette with sounds of; jamming, spy transmissions, slow scan TV, teletype, facsimile, telemetry and a lot of other sounds heard off of the air on various shortwave frequencies. In addition to the information concerning the sounds heard over shortwave, additional features are provided on such subjects as; antennas, receivers, grounds, diagnostic tips on receivers before you buy them and lots more. The TAP-1 sells for \$5.95.

FALKLAND USING NEW FREQUENCY Edward Soomre, MA

* From Glenn Hauser - SWL Digest comes word that Falkland is now using 2380 KHZ exclusively instead of the 3958 KHZ they have been using.

RA STRIKE FOR A DAY Larry McKinney, PA

Radio Australia was affected by the strike of the Australian Broadcasting Corp., the parent body of RA on Thursday, Sept. 26th at 1400 UTC when the staff union refused to do any programming. Only the interval signal of Waltzing Matilda was heard during the period of the strike.

NEW PUBLICATION AVAILABLE Bob Thunberg, PA

Glenn Hauser just announced a new publication he is publishing entitled, DX Listening Digest, a 40 page monthly publication devoted to DX news as opposed to programming news as found in the RIB. It will contain a rundown of DX tips from the various SWDX programs as well as contributions from subscribers. David Newkirk's column, Enjoying Radio will now be included in the DLD. The cost is \$17 per year and a sample copy may be obtained for \$1.50 from: DX Listening Digest, Box 490756, Ft. Lauderdale, FL 33349.

ELEVATING IDEA Bob Zirkelbach, CA

In order to avoid climbing trees in putting up that antenna, one might consider the following. It might be advantageous to tie a heavy object on the end and throw it over the tree. When it drops to the ground, the permanent guy or tether cord may then be attached and pulled into place. For a much higher location of the long wire, you might want to use a bow and arrow but be careful you don't hit a squirrel or a bird or you'll have the game warden after you.

TESTING TESTING WB6NOA HAS THE ANSWERS John Demmitt, PA

The Gordon West Radio School, 2414 College Dr., Costa Mesa, CA 92626 has detailed information on how you may get your ham license.

MFJ ARTICLE WILL NOT APPEAR AS PLANNED Mike Chabak, AZ

Late word from SPEEDX'er Mike Chabak who edits a column in Pop Comm tells us that the article on active antennas will not appear in the Jan. edition of Pop Comm as planned.

THE 515 CLUB OFFERS FREE NEWSLETTER SAMPLE Fred White, FL

The association of JRC NRD-515 owners independent organization, The 515 Club announced that they will give one free copy of their newsletter entitled, SW Spectrum 515 to owners of the JRC NRD-515 who send a No. 10 SASE and a letter telling of their interest in the hobby, RX, equipment, etc. Their address is: 857 Virginia Ct., Sonoma, CA 95476.

MFJ GOES TOLL FREE Don McCants, AL

MFJ Enterprises from Starkville, Mississippi can be reached at the toll free number of 1-800-647-1800 for ordering catalogs, equipment, & parts. Those in MS can reach them at 601-323-5869. Hours are 8:00 AM to 4:30 PM CST., Mon-Fri.

BBC-WORLD SERVICE LISTENING Larry Chickerell, WV

For those who would like to listen to the BBC World Service on a regular basis, you will find additional frequencies from England and Ascension Island which can be heard in North America with fair to good reception on the following: 6005, 9410, 11820, 12095 & 15070 KHZ.

REPORTS TO RADIO AGRICULTURA Don Moore, IO

When sending reports to Radio Agricultura in Chile, it is requested that you include 2 IRC's or one US dollar. Reports may be sent in English or Spanish. Send the reports to: Carlos Toledo Verdugo, Casilla 166, San Fernando - Region VI, Chile.

CALLING KCBI Don McCants, AL

KCBI from Dallas, Texas can be reached at the toll free number of 1-800-223-5224.

VOA EUROPE 24 HOURS OF BROADCASTING Robert Kaessinger, FRG

Media Network and Shortwave Spectrum on Oct 17th announced that the United States will attempt to bridge the gap between the US and Europe with information from our point of view in a 24 hour FM & cable service which aired for the very first time on Oct. 15th in English. Heard was Bruce singing, "Born in the USA", a short musical jungle of VOA Europe and the words, "Good Morning Munich, Oslo, Paris, Rome, Geneva and the rest of Western Europe." The delivery came from a smooth sounding DJ. The stations features are scheduled to include the jazz, country and contemporary music as well as news and shorts of America which are geared to the age group of 18 to 34. The station plans to convert to stereo shortly. There are no plans for a powerful MW transmitter. Later there will be German, French and Spanish programs going out over this system.

Sign Outside Shack Helpful.....;.....Dave Klepfenstein, OR

Take a 3"x5" index card, a box of crayons, a ball of twine and a paper punch and solve problems. How often have you been barged in on in the middle of an important DX? Or has your problem been kids and XYLs looking for you and knocking things over in your shack? The answer: a sign on the doorhandle or knob. Punch two holes in the card tie the string in the holes and draw the sign. Hang it on the door and flip it over when you go in or out. One side says, "DO NOT ENTER" etc. and the other side says, "DO NOT DISTURB" etc. It's just like a 'Honeymoon Suite'.

EVERYTHING YOU ALWAYS WANTED TO KNOW ABOUT YOUR RX Ruth Hesch, NY

Of great value to beginners in the hobby and also to the experienced on various levels who want to upgrade is a new publication, "Radio Receiver-Chance Or Choice" by Rainer Lichte. The author is a qualified radio engineer, with experience teaching at a US Navy electronics school, and is the technical editor of "Worldwide Listening" a German magazine.

There are reviews and illustrations of more than 70 receivers including portables. The latest models as well as older ones that can be bought used are evaluated. Tests were made in the author's laboratory, each radio was used for several weeks and compared with a professional communications receiver.

Explained are propagation, modulation, AM, CW, FM and reception conditions. How a receiver works is demonstrated with diagrams and the abbreviations of the hobby are discussed.

There is information as to how the radios were measured and the equipment used.

Suggestions are made as to questions to ask yourself to decide if you are interested in DXing or SWling and then how to determine the kind of receiver to suit your needs.

There are also evaluations of preselectors, active antennas, antenna tuners, signal processors, Woodpecker blanker, audio filters and headphones.

Although the author admits there is not an ideal receiver as the cost would be prohibitive, he does propose a concept for one costing about \$1,000.

This excellent well illustrated 256 page book is available from Gilfer Associates, Inc., 52 Park Avenue, Park Ridge, NJ 07656 at \$18.50 plus \$1.50 shipping.

CAR PURCHASING BY RADIO Bob Moser, IL

Here's a suggestion about how you might use an ordinary car radio, to help determine whether or not to purchase that used car that you may be seriously considering. First of all, you begin by checking out each of the push buttons on the radio, to see just which type of stations the previous owner listened to. Now if you find that they are all set to contemporary rock and roll stations, then the chances are that the previous owner was a teen-ager, in which case the brakes are probably worn and the transmission may be shot! Then again, if you find that the push buttons are set to classical music or easy listening type stations, then the chances are that the previous owner was a conservative older person, in which case the engine is probably sluggish and has carbon buildup, and the tires are wearing unevenly from lack of balance and rotation. And finally, when you check those radio push buttons, if you find that they are all set to country and western music stations, then we suggest that whenever you are getting either into or out of that used car, you'd best watch where you're stepping!

(This was adapted from a Paul Harvey news broadcast on the ABC Radio Network)

Map of Region Useful For MW DX.....Dave Klepfenstein, OR

Get a regional map or atlas for your shack. MW DX is simplified even further by the town indexes on the road maps. Some places are very, very difficult to find. For example: CFUN identifies itself by saying, "CFUN English Bay, B.C." Now unless you live in Vancouver, B.C. you don't know where English Bay is, it is a small bay in N.W. Vancouver. That's just like me saying "Mt. Taber, Oregon", Mt. Taber is a small hill in Portland. I found "English Bay" by looking at a Vancouver B.C. street map. An aerial or navigational map of your area is handy for finding geographical barriers of radio waves.

WORLD RADIO TOURS TO ECUADOR John Demmitt, PA

For the sum of \$1049 per person, you may take a tour from Miami to Quito through the World Radio Missionary Fellowship Tour program. Four trips are scheduled in 1986. From Jan. 18 to Feb. 1, Apr 5 to 19, July 12 to 26 and from Oct. 11 to 25th. For information, write to: World Missionary Fellowship Tour, Box 553000, Opa Locka, FL 33055-0401.

PHONE-A-ZIP Peggy Thompson, CA

A toll free number has been set up to provide zip code information anywhere in the United States by calling: 1-800-228-8777. This program is suppose to encourage people to use the zip plus 4.

SPEAK TO THE WORLD John Demmitt, PA

The Oct. 13, 1985 edition of the Pentecostal Evangel has an article telling about the International Media Ministries, an electronic-media arm of the Division of Foreign Missions who manages to set up a television repeater with local programming in many parts of Africa.

TNT MW RADIO IN THE NEWS TNT

WCAU PLAYS TRICK ON HALLOWEEN John Demmitt, PA

It was Oct 31st, the night for tricks and treats and while many of the MW stations were treating their listeners to special Halloween programs of interviews with witches, touring haunted houses and telling ghost stories, WCAU-1210 from Philadelphia, PA played a trick on their listeners by not airing the H.G. Wells famous broadcast, War of the Worlds which was scheduled and announced both on the air and in the WCAU program schedule. In place was a program unrelated to Halloween and not even a scary program at that. There was no announcement at the start of the unscheduled program until about 15 minutes later when the announcer made several statements saying he was sorry that the station was unable to air the War of the Worlds program. The telephone switchboard must have lit up more that it did at the Mercery Theater wher War of the Worlds first aired.

KDKA CELEBRATES 65th. BIRTHDAY ON THE AIR John Demmitt, PA

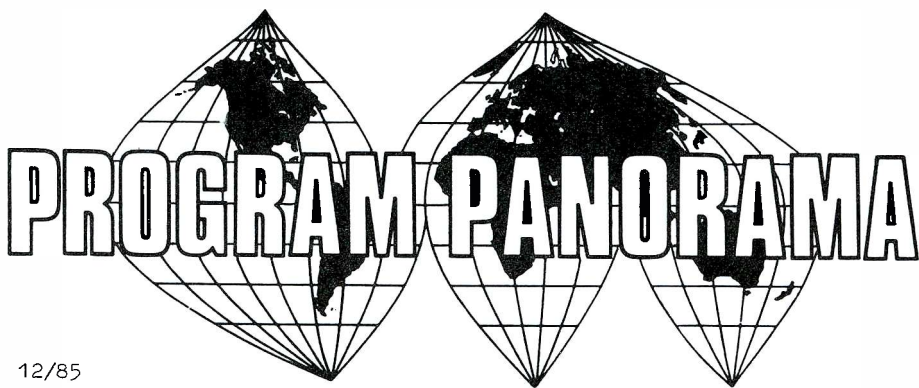
On Nov. 2, 1920, the first commerical radio station went on the air and that station was KDKA from Pittsburgh, Pennsylvania. Just 65 years to that date came a repeat broadcast of many of the things that were heard on that famous first broadcast. The station aired a special 12 hour program that started at 6:00 PM Saturday lasting until 6 AM Sunday morning. The program included the history of the pioneer station, interviews with many of the people who were involved in the station during its early days, phone calls recalling early programming, old commercials and several old radio shows were aired. It was excellent entertainment for the radio buff of yesteryear.

RADIO PIRATE TAKES OVER WGN & WLS IN CHICAGO John Shunder, IL

From the Oct. 22nd Chicago Sun-Times comes word that a pirate has taken control of two radio stations, both 50,000 watt in Chicago to tell of his sexual prowess, say obscenities and shout nasty references to the morning dj at WLS. The sabotage occurred in the microwave signal that links each stations studio to its transmitter. Authorities have no idea who the pirate is.

TNT My best wishes to all during this holiday season. Merry Christmas and Happy New Year. Take care. *John*





PROGRAM PANORAMA

12/85

Woody Seymour, Jr. P.O. Box 848 Sanford, N.C. 27330

CANADA...RCI programs for North America: Mon-Fri 0100, 0300, 0400 UTC NEWS, SPORTS, WEATHER, MAGAZINE; Sat 0000 NEWS, REVIEW OF THE WEEK, INNOVATION CANADA; 0100 NEWS, CANADA a la CARTE; 0400 NEWS, COAST TO COAST; Sun 0100 NEWS, LISTENERS CORNER; 0400 NEWS, SWL DIGEST. (Peter Card, RI; William P. Muzyka, NY)

CHINA(Taiwan)...Voice of Free China for North America at 0200 UTC: NEWS AND COMMENTARY Daily, followed by: Mon JOURNEY INTO CHINESE CULTURE, COUNTDOWN, LET'S LEARN CHINESE; Tue SPECTRUM, SPOTLIGHT, LLC; Wed MANDARIN KITCHEN, JADE BELLS & BAMBOO PIPES, LLC; Thu CHINESE STORY, WORLD OF SCIENCE, LLC; Fri LIFE IN ROC, CHINESE MUSIC, LLC; Sat PEOPLE AT WORK, TAIWAN ECONOMIC REPORT, LLC; Sun MAIN ROADS & BYWAYS, MAILBAG TIME, LLC. (Contributor Unknown--sked not marked)

CZECHOSLOVAKIA...Radio Prague to North America in English: NEWS & COMMENTARY, followed by: Sun THE USA IN THE CZECH PRESS, HERE AND THERE; Mon SUNDAY MAGAZINE; Tue INTRODUCING CZECH, SPORTS ROUNDUP, THE WORLD FEDERAL TRADE UNION CALLING; Wed HISTORY AND TODAY, YOUTH MAGAZINE, FOLK MUSIC, SCIENCE AND TECHNOLOGY; Thu ECONOMICS AND CULTURE, HEALTH AND MEDICINE, 40 YEARS ON; Fri THE WORLD FEDERAL TRADE UNION CALLING, DX CHAT; Sat CULTURE AND/OR ECONOMICS, MAILBAG. The program can be heard at 0100 and 0300 UTC. (Dave Kustra, AZ)

NORWAY...Some NORWAY TODAY programs: TRENDS AND TRADITIONS, PINPOINTING PEOPLE AND PLACES, TASTY OR NOT--IT'S NORWEGIAN, POP INN, MADE IN NORWAY, LISTENERS CORNER. Tune in Sun 1000, 1300, 1400, 1600, 1700, 1900 2000, 2200, Mon 0000, 0400, 0500 UTC. (David Claytor, MI)

SOUTH AFRICA...A reminder that Radio RSA will probably have a phone-in show on December 31 beginning at 2200 UTC and extending to 0200 UTC on January 1. Try the 19, 25 and 31 meter bands. (Thanks to David Claytor, MI and John Demmitt, PA for Radio RSA schedules)

UK...BBC World Service seems to have fewer programs for Christmas this year. Of course, the Queen delivers her annual message on the 25th at 0930, 1500, 2245 UTC.....FESTIVAL OF NINE LESSONS AND CAROLS can be heard 24th at 1500, 25th 0030 & 0935 UTC.....CHRISTMAS OMNIBUS features music of the season on the 17th at 1615, 2030 UTC, 18th at 0030 and 1000 UTC.....For humour of the season, try TAKE IT FROM HERE, 24th at 1900, 25th at 1400, 26th at 0630 UTC.....Don McCants of AL suggests the following BBCWS programs: GOSPEL CHANGES, Sat 0145, Tue 2330, Thu 0745 and Fri 1030 UTC...A LETTER FROM NORTHERN IRELAND, Fri 1125, 1709, 2225 UTC...BROTHERHOOD OF BRASS, Sun 0530, Wed 0945, Thu 1345, Fri 0130 UTC.

NEXT MONTH, we'll feature some programs from Radio Moscow and the other stations from the Soviet Union. Until then, have a good holiday season and we'll see you in 1986!

Station Skeds

DEGREES OF AZIMUTH

TIME (UTC)	EDITOR: Ralph S. Bowden 1255 Amethyst Street Space 30 Mentone, CA 92359	FREQUENCY
LANGUAGE		RELAY SITE

STATION SKEDS CONTRIBUTORS AND READERS WISH CHRIS LOBDELL VERY WELL IN HIS FUTURE ACTIVITIES FOLLOWING HIS RETIREMENT FROM POSITION AS EDITOR OF THIS COLUMN. HE IS ONE OF THE ORIGINAL MEMBERS OF THE SPEEDX RADIO CLUB DATING BACK TO 1971, AND WILL BE REMEMBERED FOR HIS ENTHUSIASM AND POSITIVE EFFORTS IN MAKING THIS COLUMN A SUCCESS DURING THE PAST SIX YEARS. THE MEMBERSHIP SAYS "THANK YOU" TO CHRIS FOR A JOB WELL DONE. GOOD LUCK, CHRIS, PLEASE FEEL FREE TO MAIL YOUR SCHEDULES TO ME EACH MONTH.

AS THE NEW EDITOR OF THIS COLUMN, I WELCOME RECEIVING SCHEDULES AND REPORTS FROM SPEEDX MEMBERS, MAILING THESE TO THE ABOVE ADDRESS NOT LATER THAN THE 12TH OF THE MONTH SO AS TO BE INCLUDED IN CURRENT ISSUE. PLEASE DO NOT SEND PROGRAM SCHEDULES, ONLY SEND SHORTWAVE SCHEDULES WHICH INCLUDE COUNTRY, NAME OF STATION, FREQUENCIES AND LANGUAGES. THERE IS MUCH INFORMATION TO PUBLISH IN THIS EDITION, SO WILL GET BUSY RIGHT AWAY.

CANADA: R. CANADA INTERNATIONAL, MONTREAL, D-85, English language broadcasts:

		TARGET
1530-1545	9655D, 11915B, 11935D, 15315S, 15325, 17820, 21695	E. Eur
1600-1630	15160, 17820	Africa
1900-1930	15160, 17820	"
2130-2200	11945, 11960, 15125, 15150, 17820	Africa
1900-1930	5995D, 7135S, 11945, 15325, 17825	E. Eur
2000-2030	5995D, 11945, 15160, 15325, 17825	E. Eur
2300-2330	9755, 11710	Carib
0100-0130	5960, 8765	U.S.A.
0300-0330	5960, 9755	U.S.A.
0400-0430	5960, 9655	U.S.A.
0100-0130	9535, 11845, 11940	Latin Am.

(DIRECT, RCI, via D. Lehman, MA and D. Clayton, MI.) D = Daventry relay.

CZECHOSLOVAKIA: R. PRAGUE, latest information, English language:

0100-0200	5930, 7345, 9630, 11990, 9540, 9740	NAm
0300-0400	5930, 7345, 9630, 11990, 9540, 9740	NAm

(DIRECT, RP, EXTRACT, via C. Weyrich, MD.)

CONTRIBUTORS ARE ASKED TO MONITOR THE VOICE OF AMERICA, ENGLISH, SPANISH AND PORTUGUESE LANGUAGE BROADCASTS, SENDING DETAILED REPORT TO EDITOR WITH INFO SHOWN IN MASTHEAD. /rsb

DENMARK: DANMARKS RADIO, or RADIO DENMARK, COPENHAGEN, complete D-85 schedule:

	TARGET
1000-1052	17770 Australia, FE
1100-1130	9730 Greenland, Pacific
1200-1252	11965 ECNA, E. Canada
1300-1352	15165 Japan, FE
1400-1452	11910 India, FE
1500-1552	11945 ECNA, W. Canada
1600-1652	11965 E. Africa, ME
1730-1830	11855 Greenland, Pacific
1900-1952	15165 E. Africa, E. Eur
2000-2052	15165 W. Africa, W. Eur
2100-2115	9730 Greenland, Pacific
2100-2145	9715 W. Africa, S. Eur
2200-2252	9715 S. America
2300-2352	11965 Caribbean, S. Am
0000-0052	6140 ECNA, E. Canada (DIRECT, RC, via L. Danko, NJ.)

ECUADOR: HCJB, QUITO, D-85, broadcasts beamed to North America:

1200-1530	11910 Spanish
1200-1530	15115 English
1200-1530	17890 "
1530-2145	15160 Spanish
2200-0500	11960 "
0030-0130	11910 English
0035-0200	15155 "
	9870 "
0200-0500	9870 "
	6230 "
0500-0700	11910 "
	9870 "
	6230 "

(CONTINUED)

ECUADOR: HCJB, QUITO (continued):
 0130-0200 11910 Spanish
 0200-0500 6060 "
 (DIRECT, HCJB, EXTRACT, via W. Muzyka,
 NY., R. Lemke, Alberta, Canada.)

EGYPT: R. CAIRO, latest information,
 English language:
 0200-0330 9475, 9675 Nam
 (D. Lehman, MA.)

FINLAND: R. FINLAND, HELSINKI, D-85
 schedule for North America:
 1140-1155 15400 Swedish
 1200-1225 15400, 11945 English M-F
 1200-1230 15400, 11945 Finnish Daily
 1300-1325 11945 English M-Sa
 1325-1400 15400 Finnish M-Sa
 1400-1425 15400, 11945 English M-Sa
 1330-1500 15400, 11945 English Su
 1425-1455 15400, 11945 Finnish M-Sa
 1500-1530 15400 English Daily
 1530-1600 15400 Swedish Daily
 1600-1630 15400 Finnish Daily
 (DIRECT, RF, Via D. Lehman, MA.,
 R. Yajko, PA, and G. Romanin, Italy.)

GERMAN DEMOCRATIC REPUBLIC: R. BERLIN
 INTERNATIONAL, latest information,
 broadcasts beamed to North America:
 2315-0000 9730, 11975 English
 0000-0045 9730, 11975 "
 0045-0130 9730, 11975 German
 0130-0215 9730, 11975 English
 0230-0315 9560, 9620,
 11975 English
 0315-0400 9560, 9620,
 11970 German
 0530-0615 9620, 11970 English
 (DIRECT, RBI, via V. Macrie, NJ.)

GERMAN FEDERAL REPUBLIC: R. DEUTSCHE
 WELL, KOLN, D-85, German language and
 English language broadcasts beamed to
 North America:
 1200-1400 15275 German
 1400-1600 15210 "
 1600-1800 11965 "
 1800-2000 9640 "
 2000-2140 15355 "
 0100-0150 6050, 6085, 6145, 9545,
 9565, 11785 English
 0200-0547 6085, 6145 German
 0300-0547 6045, 9605 "
 0500-0550 5960, 6120, 6130, 9590,
 11785 English
 (DIRECT, GFR, EXTRACT, via D. Claytor,
 MI and L. Taylor, SD.)

NORWAY: R. NORWAY INTERNATIONAL, OSLO,
 D-85, beamed to North and Central
 America, mostly Norwegian, with some
 English in announcements, NORWAY TODAY:

	AZIMUTH	POWER
1300-1345	15305	280 350 kW
1400-1445	15305	280 350
1500-1545	15305	175 350
1600-1645	15305	290 350

(CONTINUED)

NORWAY: R. NORWAY INTERNATIONAL, OSLO,
 (continued):

	AZIMUTH	POWER
1600-1645	11960	280 350kW
1600-1645	9590	330 120
1700-1745	11880	290 350
1700-1745	9590	330 120
1900-1945	9525	225 350
0000-0045	6030	280 300

(DIRECT, RNI, EXTRACT, via C. Weyrich,
 MD.)

SOVIET UNION: R. YEREVAN, ARMENIAN SSR,
 current schedule:

		TARGET
0330-0350	11790 Armenian	WCNA
	13605 "	WCNA
	15180 "	WCNA
0350-0400	11790 English	WCNA
	13605 "	WCNA
	15180 "	WCNA
0800-0850	11805 Armenian	Europe
	12030 "	"
	15510 "	"
	17780 "	"
0850-0900	11805 French	"
	12030 "	"
	15510 "	"
	17780 "	"
1530-1630	4990 Armenian	ME
	6120 "	ME
1800-1830	4990 "	ME
	6120 "	ME
1900-2100	4990 "	ME
	6120 "	ME
2130-2200	11805 "	Europe
	12030 "	"
	15510 "	"
	17780 "	"
2200-2300	12030 "	S&CAm
	12050 "	"

(E. Soomre, MA.)

SOVIET UNION: R. MOSCOW, NORTH AMERICAN
 SERVICE, D-85, English language:

2300-0100	17770, 15140, 15420, 15450, 12050, 7110, 7150, 7210, 7290, 5910, 5980, 6080, 6090, 6130	ECNA
0100-0300	17770, 15140, 15420, 15450, 12050, 7110, 7150, 7210, 7290, 5980, 6000,	ECNA
0300-0400	6020 ECNA 15140, 15420, 12060, 7110, 7150, 5900, 5980, 6000, 6070, 6130	ECNA
0400-0500	11790, 12050, 7260, 5900	WCNA
0500-0600	7260, 7290, 5900, 6070, 6150	WCNA
0600-0800	7160, 7290, 7140, 5900, 6070, 6150, 6200	WCNA

(DIRECT, RM, INCOMPLETE, via. L.
 Stransky, NY.)

ROGER LEGGE, EDITOR AND PUBLISHER OF UHN
 USSR HIGH FREQUENCY BROADCAST NEWSLETTER,
 HAS GRANTED PERMISSION TO EDITOR TO
 REPRINT HIS MATERIAL IN STATION SKEDS
 COLUMN. THANK YOU, ROGER. /RALPH

SOVIET UNION: R. KIEV, UKRAINIAN SSR,
English language, D-85:

0030-0100 5905, 7165, 7205, 9765,
11790, 11860 NAm
0300-0330 6020, 7165, 7205, 9765,
11790, 11860 NAm

(DIRECT, RK, and UHN USSR HFBS, and
D. Lehman, MA, and R. Adams, MA.)

SPAIN: RADIO EXTERIOR DE ESPANA, MADRID,
D-85, English language only:

	AZIMUTH	
0500-0600	6125	290
0000-0200	9630	190
0500-0600	9630	290
0000-0200	11880	290

(DIRECT, REE, EXTRACT, G. Marshall, AZ.)

SWEDEN: R. SWEDEN INTERNATIONAL,
STOCKHOLM, D-85, broadcasts beamed to
North America:

0200-0230	9695	Swedish
0300-0400	9695	"
0330-0400	9695	English
1400-1430	15345	"
1430-1500	15345	Swedish
1500-1530	15345	French
1700-1730	11765	Swedish
2300-2330	6045, 9695	English
2300-2400	6045	Swedish

(DIRECT, RSI, EXTRACT. G. Romanin,
Italy and J. Demmitt, PA.)

SWITZERLAND: SWISS RADIO INTERNATIONAL,
BERNE, D-85 broadcasts beamed to North
America and Central America:

		AZIMUTH
0145-0200	9625	Music 260
	9885	" 290
	6135	" 305
	9725	" 280
	12035	" 305
0200-0230	9625	English 260
	9885	" 290
	6135	" 305
	9725	" 280
	12035	" 305
0230-0300	9625	German 260
	9885	" 290
	6135	Spanish 305
	9725	" 280
	12035	" 305
0300-0330	9625	Italian 260
	9885	" 290
	6135	French 305
	9725	" 280
	12035	Italian 305
0345-0400	9725	Music 305
	9885	" 320
	6135	" 305
	12035	" 320
	0400-0430	9725
9885		" 320
6135		" 305
12035		" 329
0430-0500		9725
	9885	" 320
	6135	" 305

(CONTINUED)

SWITZERLAND: SWISS RADIO INTERNATIONAL,
BERNE (continued):

		AZIMUTH
0500-0530	9725	French 305
	9885	" 320
	6135	" 305
	12035	" 320
0530-0600	9725	Italian 305
	9885	" 320

(DIRECT, SRI, EXTRACT. R. Yajko, PA.)

U.S.A.: WRNO, NEW ORLEANS, LA., latest
information, English language:

1500-1700	11965	Monday to Saturday
1700-2100	15420	" "
2100-2230	11795	" "
2230-0000	9770	" "
0000-0300	7355	" "
0300-0500	6185	" "
0500-1200	6185	Sunday only
1200-1330	9715	" "
1330-1500	11965	" "

(C. Weyrich, MD.)

U.S.A.: WORLD INTERNATIONAL BROAD-
CASTING, INC. (WINB), RED LION, PA.,
English language programs:

		TARGET
0000-0330	15345	South America
1600-2000	15295	Europe
2000-2045	15185	"
2245-2345	15145	"
2350-2400	15145	South America

(DIRECT, WINB, via V. Macrie, NJ.)

U.S.A.: WYFR, OAKLAND, CA., trans-
mitter at OCHEECHOBEE, FL., D-85,
English language broadcasts:

1200-1300	6105	NAm
1300-1500	6105, 11830, 15170	NAm
1500-2300	15365, 15170	"
2300-2400	15365, 15170	"
0000-0200	9852.5, 6065	"
0600-0800	6065, 7365	"
0600-0800	6015, 7155, 9852.5	Eur, Af
1600-1700	15440, 15566, 17640,	Eur, Af
	17845, 21525	
1900-2000	9510, 15566	Eur, Af

(DIRECT, WYFR, EXTRACT, via E. Soomre,
MA, and G. Romanin, Italy, and W.
Dickerman, PA.)

VATICAN CITY STATE: R. VATICANA, D-85
schedule, programs beamed to Americas:

1300-1330	15405, 17865,	Portuguese
	21725	
1330-1400	15505, 17865, 21725	Spanish
1400-1425	15405, 17740, 17865,	"
	21725	
2330-0000	6015, 9615, 11845	Portuguese
0000-0030	6015, 9615, 11845	Spanish
0030-0050	6015, 9605, 11845	French
0030-0115	6015, 9605, 11845	English
0110-0130	9605, 9645, 11845,	Spanish
	11955	

(DIRECT, RV, EXTRACT. R. Yajko, PA.)

R. Adams, MA, RSA and R. Nederland; also,
B. Robinson, R. Vilnius, next issue. Did
not have sufficient space this time. /rsb



WESTERN HEMISPHERE

EDITOR: John Cereghin, WDX3IAO
P.O. Box 119
Charlestown, MD 21914

DEADLINE: 12th
TIMES: UTC
FREQUENCIES: kHz

DX Season usually means plenty of logs and plenty of news, and that's what we've got this month. However, I am pressed for time once again this month, so I'm going to have to rush through the column this month.

Carl Huffaker has figured out his "R. Ecuadriana" mystery, which he has been reporting during the past several months: "After sorting out signals and replaying tapes, I've come to the conclusion that "Radio Ecuatoriana" is a figment of my imagination, or at least a misinterpretation. The basis of this might be of interest. First, La Cruz del Sur is a little higher than its reported 4875, and possibly Radiodifusora Acreana a bit lower than 4880. Both sign-on around 0900 and because of the AGC action of the receiver, the most easily readable signal is around 4788, albeit with a certain amount of QRM. The tapes that LCdS uses for its early morning religious broadcasters have been reported at a high audio level with the peaks clipped. This means that the program comes in better than the studio announcements. The converse is true for Rdif. Acreana, who uses a taped ID. Evidently it was made locally as the accent sounds a little more Spanish than the normal Brazilian Portuguese. I was copying the higher level program, and IDs as one signal and assuming the background QRM was another, and until recently, I hadn't caught a situation where the ID wasn't synchronized with a pause in the program. One unstressed syllable seemed missing in "Ecuatoriana", but I had written that off as a bad spot in the tape as it always occurred the same. One of the problems of a steep-skirted filter is that you get better tone and readability by favoring one side-band or the other, and when you tune for the best signal, the readout is often not that of the carrier."

Carl also offers the following concerning Peruvian political geography. I hope this reproduces well enough to read:

Customarily in Latin-America, "Departamentos" (States) were named after a principal city which became the Capitel. "Provincias" (Counties) were named in a similar way. But there are frequent exceptions.

Tropical band stations in Provincias: Capitels whose names differ from that of the Provincia often include "Capitel de la Provincia de" in their opening announcements.

As most readily available maps seldom indicate Provinces or Provincial Capitols, I have compiled the following list of Peruvian tropical band cities that are Capitols of Provinces whose names differ from that of the city.

BUSTED

This continues on the next page. By the way, Carl once again wins the "Bust. Finger" award, for contributing 96 logs this month! That's got to be a record for any publication!

City - Department

Provincia

Ayacucho, Ayacucho	Huamanga
Ayaviri, Puno	Melgar
Bambamarca, Cajamarca	Hualgayoc
Huamachuco, La Libertad	Sanchez Carrion
Iquitos, Loreto	Maynas
Juanjui, San Martin	Mariscal Caceres
Juliaco, Puno	San Roman
La Merced, Junin	Chanchamayo
La Oroya, Junin	Yauli
Moquegua, Moquegua	Mariscal Nieto
Pampas, Huancavelica	Tayacaja
Puerto Maldonado, Madre de Dios	Tambopata
Quillabamba, Cuzco	Convencion
Sicuani, Cuzco	Camohis
Tingo Maria, Huanuco	Leaocho Prado
Tarapoto, San Martin	San Martin
Tayabamba, La Libertad	Patas

Carl also reports that Radio Yaracuay-4940 Venezuela has been reactivated, and that La U de Veracruz-6020 Mexico is due back on the air sometime in November (last month).

William Dickerman in Pennsylvania sends lots of info in this month as well:

Re: Updater, 10/85 on p.28-WYFR's SS px on 6085 during S85 was beamed to the Caribbean. Sked for that service from 11/3 is 1000-2000 on 6085, 2000-2400 on 6090, 0000-0400 on 9660, 0400-0600 on 9680

Brazil- R. Nac. Amazonas is on new 6180 w/*0855. (I think they were supposed to be on

6175, as per their new 49-meter band plan, but instead landed here jc)

Costa Rica- AWR-R. Lira Internacional. Letter dated 9/26: "The station here in Costa Rica is still in the process of construction, and I don't have a definite time that we'll begin broadcasting. We'll begin test transmissions within the next 2 months. Watch for our test transmissions on 15210 and 11870. We are also authorized 9725 and 5970. We'll be using 2.5 and 5 kw for our tests. The antennas we have are Telrex 5-element yagis, said to have 12db gain.

Guatemala- AWR station here is down, their antenna took a few lightening hits almost a year ago. Hope to be back on the air in January 1986. (FB William, very useful stuff jc)

Concerning my comments on WRNO a few months back, I've had 3 replies, one agreeing with me, no disagreeing. That's for the record.

The Chesapeake Chapter of SPEEDX rolls merrily along. We'll be working with the new Tidewater VA Chapter, run by David Jones. We swapped newsletters last month, and are trying to plan a get together sometime soon. We should be coming out with a master list of local chapters soon, and if you live near one, you should get involved. Their ain't nothing like a local club to make your hobby better.

I've used enough space, so I'd better start. Remembering that if a log has no language given, it was reported in SS, or PP for Brazilians, I present...

ANTIGUA...BBC Relay

6175 0510 EE, "24 Hours", ID (544 11/6 Blair CA):2358, EE (434 10/9 Dillon MD)+3
 6195 *0900 EE, world nx (544 10/12 Dickerman PA)
 9510 0843 EE, "A Jolly Good Show", world nx (454 10/19 Bingham MA):0458, EE (555 10/26 Brewer AR)
 11775 *1100 EE, world nx, //6195 (444 10/12 Dickerman PA)(555 10/12 Brown IL)
 Deutche Welle Relay
 6040 0102 EE, world nx, press review (555 10/11 Brown IL)(544 10/15 Aldrich IA)
 6120 0510 EE, rpt on UN 40th anniv. events (454 10/27 Bair CA)
 9650 0955 EE, report on GG Astronauts (544 11/3 Brown IL)

ARGENTINA

6060 0624 R. Nacional, HC-sounding mx, TC, wx in Buenos Aires (434 10/23 Huffaker MX)
 9690 0100 RAE, EE, Argentine nx, ID, tango mx, QRM-DW to 0150, //11710 (poor)(333 10/28 Dillon MD):0305, SS (333 11/8 Schmaltz NY)+7
 11710 0415 RAE, SS, tango mx (343 10/28 Goodman IA)(454 10/16 Thompson CA)
 15345 1200 RAE, EE, multi-lang ID, nx (343 10/5 Neff OH)

BELIZE...R. Belize

3285 0607* EE, 7 minutes of s/off routine, ID, prayer, relig mx, full ID w/freqs and QTH, NA (444 10/21 Huffaker MX):0346, EE (233 10/26 Shamblin AR)(Heinen CO)

BOLIVIA...the following 3 logs were sent in by Carl Huffaker, Mexico City 10/21)

4795 1003 R. America, (Nueva America Carl? jc) SS/lang, TC, ID, into px in ?lang (343 4876 1028 La Cruz del Sur, chimes, ID, into px of "buena musica para ustedes" (333 10/18) 4945 0929 R. Illimani, ?lang, TC in SS, tx in ?lang, SS mx (444 10/23)

BRAZIL

- 4755 0206 R. Educ. Rural, "R. Educadora" IDs, MOR Brazilian ballads, distorted sig (fr 10/20 Cereghin MD):0032, gone by 0050 (10/16 Palmer)(I was talking about Carl Huffaker's support this month with 96 logs, Bob Palmer didn't do too badly himself, with 79 reports jc):0835 (343 10/18 Huffaker MX)
- 4765 0355 R. Nac. Cruzeiro do Sul, Mayak off, ID (333 10/9 Huffaker)
- 4805 0008 Rdif Amazonas, melancholy Braz. ballads, no real ID, but Manaus often mentioned (wk 10/16 Palmer WA):1002 (333 10/18 Huffaker)
- 4815 0320 R. Nac. de Tabatinga, R. Nac. px, RN do Brasil ID, RNdT ID (333 10/12 Huffaker)
- 4845 1020 R. Nac. Manaus, ballads, Nacional ID, tx (444 10/13 Robinson TN):0200 (322 10/15 Zirkebach CA)(10/19 Kustra AZ)(322 10/16 Palmer WA)+1
- 4875 0256 R. Nac. Boa Vista, soccer game, ID, jingles (433 10/17 Orr FL)+1
- 4880 0933 R. Acreana, several ments of both Acreana and Brazil, a few promos, but mainly just OM yak w/a few local amnts (fr 11/8 Cereghin MD)(333 10/1 Huffaker MX)
- 4885 0308 R. Clube do Para, tx w/echo, amnts, interviews, ID (333 10/17 Orr FL):0739 (333 10/21 Huffaker)
- 4895 0955 R. Bare, Manaus ads (333 10/13 Huffaker)
- 4905 0302* R. Araguaia, modern mx, ID, freqs, s/off (343 10/11 Huffaker)
- 4915 0709 R. Nac. Macapa, RN early-AM px w/many RN IDs, RNdM ID (333 10/13 Huffaker)
- 0205 R. Anhanguera, geo noise, het de Ghana? (at this hour? I don't think so jc) campesino mx, complete ID for all outlets (wk 10/28 Palmer WA)+1
- 4965 0300* R. Poti, EZL mx, ID @s/off (333 10/8 Huffaker)
- 4985 0735 R. Brasil Central, mx, break-in ID @0740 (343 10/14 Huffaker)
- 5045 0300* R. Cultura do Para, s/off w/full ID, no NA (322 10/12 Huffaker)
- 6020 0822 R. Gaucha, ballads, ID, ads? (232 10/13 Miyauchi JP)
- 6065 0850 R. Nac. Amazonia, tx, mx, ID, ments of Brazil (544 10/5 Neff OH)
- 6180 0900 R. Nac. de Amazonia, full ID, ments of Brasilia and Sao Paulo and Radiobras. I thought they were supposed to be on 6175? //11780, a few Brasoballads and promos (gd 11/8 Cereghin MD)(353 10/18 Abbinante IL)(434 10/21 Huffaker)
- 6185 0816 R. Nacional, pop mx, ads, ID/freq, no Bandeirantes ID this time, just network IDs (444 10/29 Thompson CA)
- 9635 0031 R. Aparecida, ballads, complete ID for all Aparecida outlerts (wk 10/6 Palmer)
- 11745 0235 Radiobras, EE, travel px abt Brazil (333 10/29 Stone WA):0100 PP (343 10/12 Fraser MA)(555 10/19 Ruhe PA)(Neuverth CO, Coleman MA, Hunt NC+2)
- 11780 0100 R. Nacional de Amazonia, full ID, very different than 4845, into Braz. mx (444 10/19 Huffaker MX)(White FL, Aldrich IA, Mendez NJ, Dillon MD+3)
- 15155 1830 Radiobras, EE, to Africa, tx on Sao Paulo, mx, ID (242 10/21 Bair CA)
- 15200 2000 R. Nac. de Amazonia, ment of Amazonia and Brasilia, PP pop mx, into ID/promos, ment of Radiobras (gd 10/23 Cereghin MD)(vy gd 10/10 Palmer WA)(Bob and Gary Stone have started a regional club, United Northwest Inland DXers. Sounds like a fine club, but the name, initialized UNID! I don't know about that! hi! jc)
- 17755 1756 R. Surinam Relay, DD, ID, reggae mx, into nx (353 10/7 Trotto FL):EE/DD (322 10/25 Brown IL)

CANADA

- 6005 1325 CFCX, Montreal, EE, CFCF relay, "AM60", call contest: win a car wash (444 10/23 Wimmers VA):1630 (434 10/14 Bishop NY)(454 10/24 Bingham MA)
- 6070 2108 CFRX, Toronto, EE, wx, ads, pop mx, ID "CFRB 1010 Toronto" (444 10/20 Shonder IL):1456 (323 11/3 Fleischaker KY)(433 10/26 Hunt NC)+1
- 6130 1844 CHNX, Halifax, EE, rock mx, ads, CBC nx on the hour, extreme QRN so SIO went from 232 to 121, should be tentative (232 10/12 Hevern NY)(Bingham MA)
- 6160 1634 CKZL, Vancouver, EE, very strong sig, phone conversation w/2 OMs from CBC-Montreal, subject:politics (vy gd 10/24 Palmer WA):0700 (534 10/22 Kustra AZ)(433 10/28 Stone WA)

I hate to do this folks, but since I have to finish this column in 3 days (!), I'm going to have to truncate some logs, namely RCI/CBC, HCB, and the US logs, in order to save myself time.

BBC Relay

- 5965 1107 EE (434 10/12 Dickerman PA)
- 6120 2348 EE (322 10/12 Brown IL)(434 10/7 Dillon MD)
- 9590 2235 EE, (444 10/11 Berkholtz MN)
- 15260 1709* EE, (vy gd 10/18 Palmer WA)

Canadian BC

- 6035 2007 FF (333 10/9 White FL)
- 6065 1220 EE (444 10/13 Fraser MA)(444 10/20 Bingham MA)
- 9625 1208 EE, (233 10/20 Gerstner NY):0007 EE (433 10/12 Berkholtz MN)+3

R. Canada Int'l

- 5960 2340 EE (555 10/22 Sable PA):0330 EE (333 10/6 Bingham MA)+4
- 6140 0615 EE (454 11/5 Bingham MA)
- 9755 0000 EE (455 10/9 Langlois FL)(444 10/13 Stephenson CA):2206, EE (555 10/12 Brown IL)
- 9760 0615 EE (454 10/25 Bingham MA)

+2

CANADA...continued..RCI

15260 1912 EE, //17820 (444 10/29 White FL):1758 EE (333 10/21 Bingham MA)
 15325 2200* EE (343 10/26 Huffaker MX):1912 EE (344 10/24 Shamblin AR)
 17820 1805 EE (gd 10/15 Palmer WA):1644 EE (433 10/31 Bingham MA)(555 10/24 Brown IL)
 17875 1838 Czech-Slovak (gd 10/15 Palmer WA)

CHILE

9630 1007 R. Agricultura, ID, all tx, prehaps farm/economic nx? Great, clear sig this AM (gd 10/20 Cereghin MD)
 15140 2025 R. Nacional, futbol match, lots of ads (433 10/19 Shonder IL):1730 (433 10/26 Bair CA):0048 (exc 10/14 Palmer WA)(555 10/6 Knight WA)(333 10/27 Berkholtz)

CLANDESTINE

5000 0410 R. Quince de Septiembre, SS, anti-Nic. tx and rundown of suceses, thru WWV (they can add WWV to their list, no doubt jc)(323 10/28 Huffaker MEX)
 5570 0442 R. 15 de Sept. SS, tx on Nicaragua, shouts, threats, sound effects. Our tax dollars at work (that depends on your point-of-view I suppose jc)(222 10/20 Shonder IL)
 6305 0522 LV del CID, SS, pop mx, ID (444 10/8 Berri CA):6300, 0549 (322 10/16 Thompson CA)(333 10/31 Abbinante IL):0825 (434 10/14 Heinen CO)
 6556 1227 R. Venceremos, SS, excited tx w/martial mx, many ments. of Venceremos, Hrd as late as 1255. Aero QRM-6556 (242 10/17 Miyauchi JP):6550, 0350 (343 10/15 Abbinante IL):6552, 0230 (233 10/15 Shonder IL)(333 10/26 Goodman IA)+1
 7352 2340 LV del CID, SS, px of romantic ballads and Latin pops, ID. RDI lists site as Guatemala (but I don't think anyone has concrete evidence as to their location jc)(gd 10/23 Thunberg PA)
 9940 1857 R. Camillo Cienfuegos, SS, "Esta es Radio Camillo Cienfuegos, La Voz de Cuba Independente y Democratica" (343 10/23 Huffaker MX)

COLOMBIA

4885 0727 Ondas del Meta, another queen contest, this time for La Reina del Gobierno del Pueblo (333 10/15 Huffaker MX):0630 (444 10/15 Kustra AZ)
 4915 1006 Armonias de Caqueta, plans for a big march from the Parque San Francisco to the Cathedral in Florencia (333 10/18 Huffaker MX)
 4945 0456 CARACOL, overdramatized poetry and song, ID, nx (333 10/11 Huffaker)
 4975 1021 Ondas de Ortenezuela, DJ greeting friends, references to Odo (433 10/21 Huffaker)
 5035 0015 LV de Caqueta, Florencia ads, nx, ID (232 10/4 Huffaker MX)
 5095 0343 R. Sutatenza, LA mx, this sta. leans hevily toward cultural things (fr 10/7 Palmer WA)
 5955 0454 LV de los Centauros, ranchero-type ballads, full ID and CARACOL ID on the hour. This freq is a mess, but they have a clear sideband on 5957 (323 10/30 Huffaker MX).
 6116 0148 LV del Llano, lively vocals and quick ID and freq amnt (343 10/6 D'Angelo PA)
 11793 1640 Rdif. Nacional, class, mx, ID (333 10/31 Heinen CO)

COSTA RICA

4832 0415 R. Reloj, "Numero uno en Costa Rica", beer and refridgerator ads, several IDs (323 10/20 Shonder IL):0715, //6006 (353 10/7 Neuverth CO)+1
 4850 0600 R. Columbia, frequent IDs btwn and during LA selections, tx, dedications? Some ute QRM at times. Best sig on tonight! (354 10/31 Abbinante IL)+6
 5055 0608* Faro del Caribe, s/off w/full ID, prayer, relg mx, NA (343 10/18 Huffaker) 0340, EE (242 10/28 Goodman IA):measured 5054.9 (10/25 Palmer WA)+1
 6006 0850 R. Reloj, LA ballads, tx, some QRN, ID "Radio Reloj en Costa Rica" (232 10/18 Abbinante IL):off 4832 tonight (333 10/23 Huffaker MX)
 6160 2344 R. Impacto, suddenly appeared here (333 10/8 Huffaker MEX)
 6175 1220 Faro del Caribe, relg tx, relg mx, ID (444 10/20 Prath FL)
 9645 1215 Faro del Caribe, relg mx, tx, //5005, 6175 (333 10/27 Prath FL)

CUBA...truncated again

R. Havanna Cuba

5980 0534 EE (343 10/18 Trotto FL)(nf? jc)
 6100 0302 EE, (443 10/23 Lemke ALB):0602* (10/8 Palmer WA)(444 10/8 Kerrigan IL)+6
 9740 0155 EE, (333 10/16 Emerson OR):0427 EE (555 10/29 Taylor SD)://6100 (Fraser)+2
 11725 2131 EE (10/6 Palmer WA)
 11760 2200 SS (455 10/6 Langlois GA)
 11795 2105 EE, 2136* (333 10/13 Kaessinger FRG)
 11815 2208 SS (10/6 Palmer WA)
 15230 1800 SS (10/13 Palmer WA)
 15300 1948 SS (10/13 Palmer WA)

Mayak/R. Moscow Relay

4765 0045 Mayak, RR, instrumental mx, EZL mx, RMoscow IS, TPs @0000, ID, nx (444 10/28 Dillon MD)://11990 (fr/gd 10/14 Pamler WA)(333 10/26 Goodman IA)+1
 11840 1810 RMoscow, EE, "The Soviet Way of Life", "News and Views" (344 10/19 Miller CA) (thanx for the letter Bill jc)(fr 10/21 Palmer WA)

ECUADOR

- 3280 1010 LV del Napo, ?lang, mass in ?lang, but 20% SS words (444 10/21 Huffaker MX)
 3300 0622 LV de Santuario, jazz mx (not the good stuff either! PU!), amnts, ments of Ecuador and Mexico, choir mx, tx into inst'l of "O Come All Ye Faithful" with tx over freq, finishing w/really souped-up version of some tune, trumpet player must have burnt his lips! 0631* (232 11/6 Thompson CA)(never reported before Peggy. Are you sure it might not be R. Cultural? I hope not, I'd like to snag this one myself jc)
 3316 0355 R. Pastaza, ballads, definite ID, amnts, freqs+ID, 0403* (242 10/17 Orr FL)
 3395 0210 R. Zaracay, orch. mx, ID, tx (454 10/23 Thompson NM):*1000 (343 10/23 Huffaker MX)
 4750 2346 R. El Mundo, mx, ads (ID? Please, on these stations not too often reported, please include more details! jc)(333 10/14 Bishop NY)
 4770 1145 R. Cenit? I couldn't ID this one before it faded, but the ads were Ecuador, the time GMT-5, and the TC on the hour from Instituto Oceanografico de Ecuador (232 10/4 Huffaker)
 4792 0106 Emisora Atalaya, ID, into sx px promoting Mexico 86 (gee, you'd think something was going on in Mexico City next year...jc)(343 10/3 Huffaker)
 4795 0159 LV de los Caras, "Informes en la hora en La Voz de los Caras" (333 10/2 Huffaker)
 4820 0913 R. Paz y Bien, ID, "R. Emisora Paz y Bien..." after the one and only LA tune hrd, all relg tx, mainly on "peace in your heart", or something like that (fr 11/8 Cereghin MD):*0856 (343 10/4 Huffaker MX)
 4870 0254 R. Rio Amazonas, tx on Indians and economic conditions near Venezuelan frontier, ID (333 10/1 Huffaker)(332 10/20 Bishop NY)
 4890 1112 R. Centinela del Sur, ads, ads, ads, "Momento de reflexion", more ads, finally ID at 1133 (343 10/1 Huffaker)
 4911 0154 Emisora Gran Colombia, road race px, one sponser was "Caracol", an auto accesory store, and another Inca Cola, but they did ID @0156 (444 10/2 Huffaker):0406 (533 10/24 Orr FL)(444 10/20 Bishop NY)
 4920 0502* R. Quito, sign-off over Indian Love Call, no NA (444 10/22 Huffaker MX):0045 Dillon MD)
 4960 0155* R. Federacion, ?lang/SS, folk mx w/?lang amnts, SS ID @0151, s/off w/a big-band selection (no NA)(343 10/13 Huffaker)
 4990 0502* R. Baha'i, instrumentals to numerous IDs during s/off amnts which included freq, followed by NA (353 10/26 D'Angelo PA)(433 10/1 Huffaker MX)
 5015 1030 Escuelas Radiofonicas, mx, "Escuelas Radiofonicas presenta...la biblia", relg px (545 10/12 Robinson TN):0307* (333 10/4 Huffaker MX)
 5040 0159* LV de Upano, futbol reports (R. Nac. de Chile ID on one tape), s/off with very complete full ID and relg mx (333 10/1 Huffaker MEX):0139*, entire s/off routine lasted 10 minutes (454 10/6 D'Angelo PA):0155* (444 10/8 Bishop NY)
 5050 0945 R. Jesus del Gran Poder, "Emisora Radio Jesus del Gran Poder", music, relg px, mx (444 10/19 Kustra AZ):0100* (343 10/1 Huffaker-MX)(545 10/13 Robinson TN)
 5055 0207* R. Catolica Nacional, rosary, full ID, NA, s/off (323 10/1 Huffaker)
 5063 1041 R. Nacional Progreso, matinal px, ID (343 10/4 Huffaker)

HCJB...truncated

Palmer WA)+3

- 6095 0402 EE (544 10/19 Miller CA):0230 EE (434 10/29 Ruhe PA):0602 EE (vy gd 10/8
 6130 0815 EE (444 10/12 Dickerman PA):0935 EE (343 10/21 Bingham MA)
 6210 0543 Nordic (Swedish/Norwegian)(gd 10/8 Palmer WA):0718 EE (333 10/5 Neff OH)+1
 6215 0640 GG/EE (444 10/31 Witte CA)
 9745 1000* EE (343 10/12 Bingham MA):0730 EE (333 10/8 McKinney PA)
 9860 0659 EE (343 10/19 Bingham MA)
 9870 0115 EE, //15155, not //11910 (gd 11/11 Cereghin MD):0631 EE (Kerrigan IL)://6095 (444 10/17 Soomre MA):heavy VOA QRM (422 10/23 Gerstner NY)+10
 11740 1305 EE (444 10/13 Bingham MA)
 11910 0120 EE, (545 10/19 Miller CA):0515 EE (322 10/25 Bingham MA)
 15115 1525 EE, (544 10/19 Miller CA):1242 EE (444 10/22 Bingham MA)
 15155 0200* EE (454 10/16 Thompson NM)(444 10/21 Dillon MD)(gd 10/14 Palmer WA)+1
 15160 1825 SS (exc 10/13 Palmer WA)
 15250 2305 GG (444 10/11 Berkholtz MN)
 15270 2144 EE (333 10/7 White FL):2200* (454 10/30 Bingham MA)
 17790 1908 EE, //21480 (344 10/24 Shamblin AR):2142 (444 10/19 Brown IL)+2
 17890 1413 EE (333 10/26 Berkholtz MN)(433 10/18 Bingham MA)
 21477 1930 EE (454 10/22 Bingham MA)

FALKLAND ISLANDS...FIBS

- 3958 2030 EE, giving agricultural prices in England and US, discussing golf (544 10/21 Hunt NC):0900 (222 10/12 Miyauchi JP)

French Guiana starts on next page...only 3 pages left, I'll have to start cutting logs to get everything in..you just sent in too many logs!

FRENCH GUIANA

5055 0926 RFO, FF, relg px, ID (444 10/13 Huffaker MX)
 6055 0438 R. France Relay, FF, tx, cmnty? Call it a 544, a few fades (10/14 Palmer WA)+1
 9800 0347 RFI Relay, EE, interview with a Guatemalan working in Mexico, FF nx (333 10/24 Femyer AZ):0445 EE (454 10/15 Bingham MA)+2

GREENLAND!!! Gronland Radio

3999 0040 OM/YL w/EE love songs, tx for 12-15 minutes, ment. of Iceland. Lang not GG (Greenlandic? jc) or FF, sounds like Eskimo (how about Danish? jc). I called the station (\$6.00 +tax) and no one spoke EE, but lang sounded the same. Sent tape/Danish rpt, hope they QSL. (Gary told me I could label this as tentative if I wanted, but who am I to defame this fine work? FB Gary! jc)(211 11/2 Stone WA)

GUATEMALA

3300 0349 R. Cultural, EE, relg px (233 10/26 Shamblin AR)
 3325 0234 R. Maya, ancd QTH as "Santa Cruz Barillas en Huehuetenango" (343 10/19 Huffaker)
 3360 0311* LV de Nahuuala, ?lang, tx in liquid-sounding Mayan dialect w/a lot of SS words, marimba mx (343 10/19 Huffaker)
 3370 0053 R. Tezulutlan, ID, marimba mx (232 10/13 Huffaker):tent, 0503 (444 10/24 Orr)
 4825 0005 R. Mam, marimba selection into "TGMN, Radio Mam, 4825 kcs, onda corta en la banda int'l de 60m. desde Cabican Huitan, Quetzalten-Ango, Guatemala en America de Centro" (fr 10/27 Sheedy CA)(444 10/11 Trotto FL)(343 10/15 Huffaker)
 4835 0128 R. Tezulutlan, seem to have adopted "La Voz Catolica" as a slogan (444 10/12 Huffaker MX):1120 (333 10/25 Weikel MI)(fr 10/27 Thunberg PA)
 6180 2200 LV de Guatemala, ID, TC, nx, marimba mx breaks (333 10/22 Huffaker MX)

HAITI...4VEH

4930 0847 FF, relg mx non-stop until *0900 (444 10/13 Huffaker MEX)

HONDURAS

3250 0106 R. Luz y Vida, relg mx (the kind that sounds like CW) and church amnts for tomorrow, taped tx, more mx, finally a full ID at 0131 (343 10/27 Huffaker)
 4820 0130 LV Evangelica, relg tx, mx, "Evangelistic Crusade" px (323 10/25 Mendez NJ)+4

MEXICO

5980 2126 XEUJ, ID, TC, "Fiesta Juvenile" px (444 10/22 Huffaker)
 6105 1300 Su Pantera, LA mx, EE pop mx, many ments of Merida and R. Yucatan (343 10/27 Prath FL):0503* (333 10/23 Huffaker MX)
 9555 1858 La Hora Exacta, like most people here, I have the MW outlet on one of the buttons on the auto radio (to tell how late I am in a traffic jam)(same here when I get caught in a jam on the Harbor Tunnel Thurway in Baltimore jc) but they're so political now, I miss the commercials (444 10/23 Huffaker MX)
 9700 0406 R. Mexico Int'l, surprise! I heard this ID and it sent me to the Radio Database International, then it went dead. I came back 10 minutes later and it was back w/SS mx (322 10/24 Brown IL)
 15160 2030 LV de la America Latina, tuned across what sounded like HCJB's "V" Time signal, but then hrd America Latina ID. Thot I had HCJB on a new freq! Usual LA mx (fr 10/23 Cereghin MD):1110 (222 10/15 Abbinante IL)
 17765 2220 RMI, Mexican mx, ID, QTH (343 11/4 Weikel MI)
 2380 0015 R. Huaycoctla, bouncy Mexican tunes, one record got stuck for 3 minutes, ID, best sig ever! (gd 11/9 Cereghin MD)(oops! jc)

NETHERLAND ANTILLIES...R. Netherland Relay

6020 1031 EE (544 11/3 Brown IL)
 6165 *0530 EE, //9715 (555 10/7 Neuverth CO):0032 DD (444 10/15 Berkholtz MN)+3
 9590 0232 EE //6165 (444 10/28 Berkholtz MN)(454 10/25 Shamblin AR)
 9650 1106 EE, 1125* (433 10/12 Brown IL)
 9715 0837 EE (444 10/12 Dickerman PA):0622 (544 10/22 Brown IL)(353 10/21 Bingham MA)
 17605 *1830 EE (343 10/16 Bingham MA)
 21680 *1730 DD (444 10/15 Trotto FL)

Trans-World Radio

9535 0406 EE (322 10/12 Brown IL)
 11815 1205 EE (454 10/28 Thompson NM)(454 10/26 Bingham MA)

NICARAGUA

6015 0756 VONicaragua, EE, nx, seems they're trying to pass of an epidemic as germ warfare (434 10/19 Huffaker MX)(343 10/14 Abbinante IL):1140 (Neff OH)+3
 6200 0401 R. Sandino, "Radio Sandino" ID, LA pops (322 10/15 Abbinante IL)

PARAGUAY...R. Nacional

9735 0135 excited tx w/sex event, ments of Paraguay, sig deteriorated steadily, seldom hrd here (433 10/10 Evans TN):0158* (gd 10/29 Palmer WA)+3

Peru is next. I should pass my 10000th logging received this month, I'll let you know at the end of the column

PERU

4775 1040 R. Tarma, ads, ads, ads, finally reference to Tarma @1043, difficult to understand this fast-talking announcer (333 10/23 Huffaker MX)

4790 0458* R. Atlantida, OA mx, s/off w/NA (343 10/12 Huffaker):tent 0055 (332 10/16 Bishop NY)(433 10/24 Orr FL)

4805t 0342 R. Santa Ana, US pops, romantic ballads, TCs (232 11/6 Orr FL)

4810 1102 R. San Martin, "musica Latinamericano", ID/TC (343 10/1 Huffaker)

4825 1054 LV de la Selva, drum and whistle mx, ID on the hour (333 10/1 Huffaker)

4885 1100 R. Huancavelica, good IDs, possible ments of both Amazonas and Cajamarca. Great Andian flute mx (fr 10/23 Cereghin MD)

4915 0105 R. Vision? another Peruvian that I couldn't ID, references to Peru and Tarapoto in the ads, full (unreadable) ID @0118, under UTE @0134 (232 10/28 Huffaker)

4935 1048 R. Tropical, ads, Banco de Credito, promo, ID (333 10/1 Huffaker)

4950 0042 R. Madre de Dios, mx, ID on the hour, nx, TC (232 10/4 Huffaker)

4965 0929 R. San Miguel, OA mx, early AM tx. Also hrd 0933-10/30 (232 10/23 Huffaker)

4990 0520 R. Ancash, "Transmite R. Ancash", OA mx, long NA, 0552*, watery sig (wk 10/15 Palmer WA):0950 (545 10/13 Robinson TN)(422 10/11 Huffaker MX)

4995 0512 R. Andina, andean mx, fast tx, laughter- sounds like a comedy routine, ID (333 10/16 Thompson MN):0110 (343 10/4 Huffaker MX):QRM de WWV-5000 (131 10/13 Orr FL)(pr 10/15 Thunberg PA)

5010 0248 R. Eco, nice blend of SS vocals, echo-ID followed by ad string lead off by Inca Cola (333 10/11 D'Angelo PA):0412* (10/24 Palmer WA):1000 (444 10/11 Robinson TN):*0943 (343 10/18 Huffaker MX)

5030 1129 R. Los Andes, relg px, full ID (333 10/4 Huffaker MX)

6115 0457 R. Union, full ID and sked (they're 24 hours)(333 10/23 Huffaker MX)

no PIRATES this month, The FCC must have them all under their thumb or something.

UNIDENTIFIED

5200 0328 SS, varied of pop and Latin vocals, some tx btwn mx selections, but soft-spoken so hard to catch key words, like ID! Maybe Peru? (232 10/26 D'Angelo)

UNITED STATES...shortened again due to time limitations.AFRTS

6010 0038 EE (444 10/12 Berkholtz MN)

6030 0224 EE (321 10/23 Lemke ALB):0330 (10/9 Palmer WA)(453 10/14 Brown IL)

6125 1024 EE (434 10/12 Dickerman PA)

9530 0918 EE, //6030/9590 (444 10/12 Dickerman PA)

9700 1832 EE (an honest 555! 10/13 Palmer WA)

11790 2201 EE (fr/gd 10/6 Palmer WA)

11805 2025 EE (543 10/8 Neff OH):1745 (555 10/7 Palmer WA)

15330 1944 EE //15345 (10/13 Palmer WA)

15345 2325 EE (344 10/15 Brown IL):1938 (555 10/13 Palmer WA)

15355 0105 EE, NF, no data available on site (pr 10/14 Palmer WA)

21650 1745 EE, NF? //15330, 15430 (242 10/15 Trotto FL)

BBC Relay-Delano

9765 0405* SS (fr 10/8 Palmer WA)

KCBI

11790 2000* EE (422 10/21 White MS)(544 10/8 Neff OH)(544 10/26 Brown IL)+1

11925 1845 EE (454 10/31 McCants AL)(555 10/19 Ruhe PA):1700 (544 10/8 Kerrigan IL)+2

KGEL

6010 1137* EE/RR? (544 10/15 Neff OH):1006 RR (554 10/24 Lemke ALB)

7365 0216 RR (555 10/23 Lemke ALB)

9615 0317 SS (gd 10/7 Palmer WA)

15280 2140 SS (444 10/26 Huffaker MEX)(454 10/16 White MS)(251 10/24 Lemke ALB)

R. Marti

6075 1155 SS (444 10/27 Weikel MI)

9525 0200 SS (554 10/19 Miller CA)

9565 1400* SS/EE, end of Marti px, into VOA px (555 10/7 Chickere11 WV)

11930 2130 SS (exc 10/13 Palmer WA)

11940 2120 SS (444 10/26 Huffaker MEX)

UN Radio

9565 0030 SS (544 10/23 Sable PA)

11875 0712 EE, 0715* (545 11/2 Berri CA)

15114 1430 EE (444 10/15 Langlois FL)

15120 2112 EE, into FF (434 10/19 Bishop NY)

Voice of America

6035 0430* EE, NF, no info available, VOA-Monrovia stayed on freq after this outlet signed-off (10/14 Palmer WA)(333 10/9 White FL)

6130 0215 EE (444 10/16 Marshall AZ)

UNITED STATES...VOA continued

6190 0142 SS (10/23 Palmer WA)
 9650 0000 EE (555 10/25 Ruhe PA):0220 EE (534 10/7 Brown IL)
 9670 0410 EE (343 10/11 Dickerman PA)
 9690 0218 EE, NF for S-85, no info available (not Greece? jc)(10/7 Palmer WA)
 15135 1807 Amharic (listed), listed as Philippines, but sig had definite ECNA possibilities (10/13 Palmer WA)
 15410 1920 EE //15580 (wk 10/13 Palmer WA)
 15580 1915 EE (fr 10/13 Palmer WA)
 17710 1825 SS, unknown site (10/22 Palmer WA)
 17640 1822 PP, sked here: FF and PP 1730-2200 daily (fr/gd 10/22 Palmer WA)
 17785 1754 EE (exc 10/15 Palmer WA)
 17800 2041 FF (333 10/10 White FL):1802 PP (exc 10/15 Palmer WA)
 21610 1351 SS //21580, 21490 (333 10/11 White FL)

VO the OAS

9565 2345 EE/SS, 0029* (333 10/13 Gerstner NY)(555 10/23 Sable PA)
 9570 2350 (444 11/5 Mendez NJ)

WINB

15145 0050 EE (322 11/5 Mendez NJ)
 15150 1955* EE (pr 10/23 Cereghin MD)

WRNO

6185 0430 EE (454 10/26 Bingham MA)
 7355 0126 EE (444 10/12 Bingham MA)
 9715 1330* EE (454 10/20 Bingham MA)
 9770 2321 EE (555 10/26 Brown IL)(333 10/30 Bingham MA)
 11835 2141 EE (342 10/24 Lemke ALB)
 11965 1520 SS/EE (gd 10/18 Palmer WA):1700* (454 10/24 Bingham MA)
 15420 *1700 EE (454 10/24 Bingham MA)(555 10/23 Wimmers VA)

WYFR

5960 *0600 EE (343 10/18 Trotto FL)
 5985 0410 Mandarian CC -VOFree China Relay (10/7 Palmer WA):0332 EE (444 10/27 Addison)+2
 6065 0650 EE (555 11/4 Dickerman PA):0204 EE (555 10/9 Brown IL)(433 10/5 Neff OH)
 6105 *1200 EE (444 11/3 Dickerman PA)
 7355 0655 EE, //6160, 9852.5 (555 11/4 Dickerman PA)
 9850 2242 EE (444 10/11 Berkholtz MN)
 11740 1400 EE (444 10/15 Langlois FL)
 11830 1600 EE (444 10/27 Soomre MA):1830 (444 10/31 McCants AL)+2
 15055 2240 EE (142 10/26 Bair CA)
 15058 1930 EE, spur, off which freq? (pr 10/23 Cereghin MD)
 15130 2340 VOFC Relay, SS (243 10/24 Gerstner NY)
 15365 1934 EE (10/14 Palmer WA)
 15375 2135 EE (vg 11/8 Cereghin MD)
 15440 1744 GG //15566, 17875 (gd 10/20 Palmer WA)
 15565 2025 EE, //15440, but not //15365. At this time, WYFR had no less than 3 transmissions and two separate programs and two spurs on 19m (gd 10/23 Cereghin MD)
 2120, II, 1744-GG (Palmer WA)
 17845 1828 II, 1744-GG (Palmer WA)

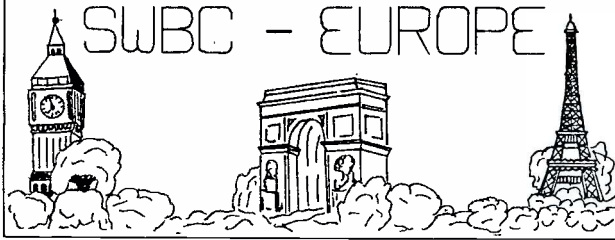
VENEZUELA...due to an impending lack of space, I'll have to just list the Venezuelans

3225 0312 R. Occidente, (333 10/2 Huffaker MX)
 3255 0930 LV de El Tigre, R. 980 IDs (232 10/13 Huffaker)
 3275 0058 R. Mara, (322 10/26 Dillon MD):2335 (322 10/12 Hevern NY)+2
 4770 0946 R. Mundial Bolivar, (343 10/1 Huffaker)
 4780 0235 LV de Carabobo, (343 10/19 White MS):0040 (322 10/20 Bishop NY)+2
 4830 0301 R. Tachira, (422 10/17 Orr FL):1020 (444 10/27 Weikel MT)+3
 4840 0359* R. Valera, (343 10/1 Huffaker):1100 (444 10/14 Robinson TN)+1
 4850 0100 R. Capital, (444 10/26 Thompson NM):0810 (444 10/13 Huffaker MX)+1
 4939 0025 R. Yaracuy, (yes Dan, they've reactivated jc)(gd 11/1 Sheedy CA)(333 10/30 Huffaker)(333 10/31 Dillon MD)
 4970 0307 R. Rumbos, (434 10/30 Huffaker MX)
 4980 0300 Ecos del Tobros, (444 10/13 Soomre MA)(343 10/27 Schmutz NY)+3
 5020 0047* R. Nacional, listed sked: 1000-0400 (444 10/1 Huffaker)(433 10/26 Bishop NY)
 5040 0343 R. Maturin, (322 10/11 Huffaker MX)
 9660 0425 R. Rumbos, (444 10/19 Miller CA):2336 (333 10/23 Huffaker)

Whew, whatta column! We had 442 reports this month, a record. This brings my grand total of reports sent into WH since I began editing this column to 10208 reports, in 29 months, an average of 352 reports a month. No doubt, SPEEDX has the most active membership of ANY radio club, and I'd bet the mortgage on that. Sorry for the rush job and the truncations, but I was very busy this month, and I only had 8 pages this month, which went very fast! See everyone next month, in 1986! Merry Christmas!

73's
 John
 Ca

SWBC - EUROPE



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Deadline: 12th
Times and Dates: GMT
Frequencies: kHz

I have alot of homework this month from income tax class so have effectively one day to type up this column this time around so I'm going to have right into the loggings.

- ALBANIA** Radio Tirana
- 7065 0000 RT EE; IDs, nx of PLO, Enver Hoxner...a man of truth (555 10/13 Robinson-TN)(Bingham-MA)
- 2033 RT EE; nx, tlk on growing population in Albania (454 10/30 Welch-MA)
- 7120 0140 RT EE; tlk abt mx in Albania, ID @ 0141 (334 10/26 Shamblin-AR)
- 7300 0105 RT Albanian; jammer?, comtry, mx (222 10/18 Abbinante-IL)
- 0352 RT EE; freq, time sked, 0357* (131 10/17 Bair-CA)
- 9375 1800 RT LANG; NA & ID "with pickaxe & rifle", two trumpets (444 10/26 Trent-/AK)
- 9480 2215 RT EE; tlk abt Capitalist economies (444 10/27 Prath-FL)
- 9760 0004 RT EE; nx, report on protest for peace, mx, ID (322 10/26 Brown-IL)
- AUSTRIA** Radio Austria International
- 5945 0140 RAI EE; nx, Ancient Mx Festival, comments on poor propagation in Post Box 700 (444 10/27 Coleman-MA)
- 6000 0432 RAI EE; nx, pgm on test tube babies & ethics, 0440 fitness boom in Vienna, 0447 interview w/French cook (122 10/20 Marvin-CA)(Hawk-VA)
- 6155 0632 RAI EE; tlk abt U.S. dollar weak start in Austria, Daily Nxpapers, tlk abt soccer (454 11/5 Bingham-MA)
- 11935 1335 RAI EE; nxcast (232 10/24 Heinen-CO)(Zilmer-NM)(Bingham-MA)
- 12015 1457 RAI OM w/multi-lingual ID (333 10/5 Stone-WA)(Zilmer-NM)(Bingham-MA)
- 15320 1245 RAI EE; interview w/wife of the winner of the Vienna Riding School, Jazz from Vienna (544 10/25 Brown-IL)(Bingham-MA)
- 15465 1835 RAI EE; pgm abt the history of the Austrian NA, 1856* (343 10/26 Bair-CA)
- BELGIUM** Belgische Radio en Televisie
- 5910 0030 BRT EE; Belgium Today, holidays in Belgium, Belgium policies (444 10/22 Ruhe-PA)(Berkholtz-MN)(Neff-OH)(Aldrich-IA)(Miller-CA)(Kustra-AZ)
- 15590 0115 BRT EE; Belgium Today, discussed Belgium Draft Horses (555 10/19 HuntNC)
- 1349 BRT EE; Country mx, ID, freqs (233 10/12 Brown-IL)(Bingham-MA)
- 17595 1148 BRT DD; Pop mx, freq, sked, IS @ 1156, to Africa (343 10/26 Dillon-MD)
- BULGARIA** Radio Sofia
- 6070 2140 RS EE; Spectrum Magazine, how Bulgarians spend free time, Bulgarian stamps since 1879, 2158* (444 10/13 Kaessinger-FRG)
- *2200 RS II; IS, "Quiet Sofia" by YL, nx (333 10/27 Prath-FL)
- 7115 0150 R. Moscow EE; DX pgm, Plovdiv relay (544 10/29 Soomre-MA)
- 0405 RS EE; to NZ, condemns French actions against nuclear protestors (444 10/29 Coleman-MA)(Bair-CA)
- 2145 RS EE; listeners letters, Sunday Special (444 10/27 Prath-FL)
- 7205 0410 RS EE; UNESCO Meeting, U.N. vot on Angola actions, cultural review, mx (322 10/8 Brown-IL)
- 7670 0413 Bulgarian Radio H.S. Pgm 1 Bulgarian; MOR mx, disco/pop, ID, nx (252 10/11 Orr-FL)
- 9700 2239 RS EE; ID by OM, nx (333 10/11 Berkholtz-MN)(Hunt-NC)(Shamblin-AR)
- 0000 RS EE; ID, nx, relations w/the PLO (444 10/10 Langlois-FL)(Aldrich-IA)
- 15695 2255 RS EE; Bulg. girls sports, ID, mx, native Americans (333 10/10 Neff-OH)
- CZECHOSLOVAKIA** Radio Prague
- 5930 0120 RP EE; Czech mx, economic & political tlk (333 10/18 Abbinante-IL)
- 0310 RP EE; nx, comtry, tlk, mx (333 10/15 White-MS)
- 0420 RP SS; mod mx, YL & OM ancns w/tlk (fr 10/14 Palmer-WA)
- *2000 RP EE; nx, tlk on African unity, pgm on labor & trade unions, decline of labor unions (454 11/1 Welch-MA)

6055 2130 RP EE; wld nx, class mx featuring the Czechoslovak Philharmonic Orch,
QRM RFI @ 2156 (432 11/3 Welch-MA)

7345 0126 RP EE; nx, tlk on U.S. & Israel ship hijacking, orch mx, comments on
Czech, questions (454 10/20 Thompson-NM)(Levison-PA)(Aldrich-IA)

1905 RP EE; YL w/nx, Pres. of Czech speech to the U.N., comtry (343 10/18
Trotto-FL)

2158 RP II; IS, IDs by YL, to Italy, nx, ARO QRM (wk 10/21 Palmer-WA)

13340 0100 RP EE; IS, b/c info, ID, nx, comtry, mx (544 10/20 Neff-OH)

15110 1623 RP EE; freqs to Africa given (333 10/31 Heinen-CO)

*1630 RP AA; IS to 1630, OM w/tlk, jamming began w/signon (232 10/28
Thompson-CA)

21505 1515 RP Czech/Slovak; nx, ID @ 1516 & 1520, tlk by OM (253 10/15 Trotto-FL)

1533 RP EE; ID by OM, freq list (333 10/26 Berkholtz-MN)

FINLAND Radio Finland

6120 0743 RP EE; Airmail-mailbag pgm (343 10/14 Kaessinger-FRG)

11945 1403 RP EE; nx, wx, ID by OM, Compass North (343 10/12 Trotto-FL)(Bingham-MA)

15400 1200 RP EE; nx, Press Review, wx, Airmail (555 10/28 Lewkowicz-MA)

1525 RP EE; Weinburger speaks to European defense ministers in Brussels
(322 10/29 Coleman-MA)(Kustra-AZ)(Brown-IL)(Abbinante-IL)(Bair-CA)

17785 1502 RP EE; nx, Northern Report, traces of polio in Finland, Press Review,
wx, Airmail (333 10/21 Bingham-MA)

FRANCE Radio France International

1920 RFI FF; FF & Afro vocals, QRM VOA Africa svce (332 10/19 Welch-MA)

6175 0415 RFI EE; nx, killing of an American on the Italian cruise ship, Press
View, Latin Notes, problems w/foreign investment (323 10/9 Brown-IL)

7135 0315 RFI EE; wld nx (222 10/26 Stephenson-CA)

0444 RFI EE; nx, tlk abt meeting in Brussels, FF doctors say major break-
through on disease AIDS (333 10/30 Bingham-MA)

9800 2300 RFI SS; wld nx w/OM (555 10/27 Ruhe-PA)

11705 1600 RFI EE; nx, ID, FF singer (444 10/7 Valentine-CA)

11930 2027 RFI FF; ID 2027, FF mx, wiped out by R. Marti 2130 (fr 10/13 Palmer-WA)

15200 1700 RFI FF; OM nx to 1711, OM w/ rock/hillife mx, 1754 usual accordion mx
(433 10/28 Thompson-CA)(Palmer-WA)

15315 1407 RFI FF; pop mx, OM w/DJ tlk (353 10/29 Abbinante-IL)

17620 1236 RFI FF; strawberry dessert recipe, rock & pop mx, TC, African nx
headlines @ 1245 (444 10/13 Dillon-FL)

1620 RFI EE; African svce, African nx, Day in France, space pgm, French
Press Today (544 10/25 Brown-IL)(Bingham-MA)

17720 1420 RFI FF; ID, mx (444 10/29 White-FL)

21580 1417 RFI FF; ID-OM, mx "le comediant, " // 21620 (343 10/26 Berkholtz-MN)

21685 1535 RFI FF; pop mx by OM in FF, suddenly off in mid-song @ 1545 (444 10/22
Sable-PA)

1948 RFI FF; YL ancr w/folk mx incl. song of apartheid (454 11/2 Thompson-CA)

GERMAN DEMOCRATIC REPUBLIC Radio Berlin International

6070 2315 RBE EE; IS, nx, heavy QRM (333 10/12 Prath-FL)

6125 2152 RBE EE; ID, story abt Canada's cooperation w/the GDR for some show to
be held in the near future (323 10/31 Leonard-FL)(Hunt-NC)(Prath-FL)

2335 RBE EE; reports on peace movement in Europe, German composer of mx
(212 10/12 Brown-IL)

9130 2150 RBE EE; porcelain, Dresden China, Sunday Magazine, European svce (545
10/13 Robinson-TN)

15145 *1815 RBE EE; to Africa, wld nx, Africa in Focus, GDR supports freedom in
S. Africa (454 10/26 Bair-CA)

15210 1401 RBE GG; OM w/ID, wld nx (334 10/25 Addison-KS)

17700 1336 RBE EE; nx, tlk abt town in GDR that's famous for it's china, tlk
abt architecture of castles built in 19th Century (232 10/13 Bingham-MA)

21540 1415 RBE lang; ID by OM (444 10/26 Berkholtz-MN)

GERMAN FEDERAL REPUBLIC Deutsche Welle

3985 2140 R. Free Europe/R. Liberty lang; Country Special-songs from the Country
charts, some ARO QRM (333 10/22 Gerstner-NY)

3995 0125 DW GG; rock/pop mx, TC, ment of several GG cities, IS @ 0159, ID, wld
nx (343 10/26 Dillon-MD)

6045 *0200 DW SS; IS, ID in SS (434 10/15 Aldrich-IA)

6120 *0500 DW EE; ID, freqs, German & wld nx, Focus on Bonn, Mailbox, GG lang
course, // 5960, 6130, 9690 & 11705 (555 10/6 Neuverth-CO)(Brown-IL)

6145 0128 DW EE; Mailbag, song in GG, GG lang lesson (554 10/20 Hesch-NY)

6190t 0642 Sender Fries Berlin/R. Bremen GG; pop mx, ment of Bonn & Berlin, telephone interview (232 10/24 Orr-FL)

7155 0330 R. Liberty RR; IS, ID, nx (333 10/13 Soomre-MA)

7190 0101 R. Free Europe/R. Liberty RR; wld nx, ID by correspondent "Radio Svoboda, New York," QRM 7195 (333 10/13 Dillon-MD)

7285 0240 DW EE; GG lang course, Asian svce, 0250* (444 10/19 Trotto-FL)

9690 0635 DW GG; politic spiel (444 10/28 Stephenson-CA)

11785 1432 DW GG; relations between Amsterdam & Berlin, Computer Fair Munich (555 10/28 De Cassan-Austria)

12035 0120 DW EE; listeners letters, songs, GG lesson (543 10/20 Neff-OH)

17740 1327 DW GG; mx (434 10/26 Berkholtz-MN)

17825 1516 DW EE; GG economic outlook, Window on the World, contest, Press Review, contry (454 10/22 Bingham-MA)

17875 1340 DW GG; ID, 1345* (444 10/29 White-FL)

21510 1705 R. Free Europe Bulgarian; nx to 1710, // 21745 (355 10/19 Rocker-MS)

GREAT BRITAIN British Broadcasting Corporation

5775 1620 BBC EE; OM-tlk, El Salvador, FMLN (443 10/10 Neff-OH)

5975 0705 BBC EE; nx, QRM VOFC (232 11/6 Thompson-CA)(Leonard-FL)

2357 BBC EE; Farming World, ID, TC, wld nx, Nx Abt Britain (434 10/10 Dillon/Trotto-FL)

5990 0048 BBC EE; Music Now, nx headlines, Outlook, QRM Bucharest (433 10/18 /MD)

0504 BBC EE; wld svce nx, QRM VOFC (434 10/19 Rocker-MS)

5995 1940 R. Canada Int'l EE; SWL Digest, tlk w/worker at V. of Hope on suicide bomb attack on station, they are going to move to 6280, did not say when (342 10/19 Welch-MA)(Trotto-FL)

6040 0645 V. of America EE; Daybreak Africa, promo for Space & Man in Special English (Special EE is EE spoken slowly for those who are new to the lang or don't know it very well-djs), jazz (444 10/22 Brown-IL)

7275 0710 BBC EE; wld nx, 24 Hours (434 10/27 Rocker-MS)

7325 2115 BBC EE; Concert Hall, Romantic Russia featuring nx by Glinka, Borodin & Mussorgsky (333 10/1 Morin-ON)(Langlois-FL)

2359 BBC EE; ID, TC, wld nx, Nx abt Britain (434 10/16 Dillon-MD)

9410 1533 BBC EE; YL & OM discussing pop mx albums & artists (fr 10/29 Palmer-WA)

1900 BBC EE; time pips, nx summary, Outlook (433 10/15 Morin-ON)

9590 0251 BBC EE; Images reflecting the arts today (333 10/16 White-FL)

11680 1843 BBC AA; OM w/ID "Huna London," YL w/nx (gd 10/15 Palmer-WA)

11820t 2300 BBC RR?; Big Ben, CM (544 10/6 Valentine-CA)

15070 1355 BBC EE; class mx, Yorkshire mx, Brotherhood of Brass, // 12095 (353 10/31 Abbinante-IL)(Langlois-GA)(Palmer-WA)

15270 1444 V. of America Estonian; tlk, nx headlines, ID, IS @ 1500, into Lithuanian, 1530 into Estonian, 1600 into Latvian (433 10/12 Trotto-FL)

17755 1825 BBC EE; Newsdesk, ID @ 1829, class mx (343 10/12 Trotto-FL)

17790 1402 BBC EE; Wld Svce nx (555 10/29 White-FL)

18080 1442 BBC Somali; nx, ID @ 1445, ment of V.P. Bush & Mark Bryan (344 10/15 Trotto-FL)

GREECE Voice of Greece

7395 0042 VOG Greek mx (555 10/11 Levison-PA)

0135 VOG EE; nx, Greek singing (444 10/13 Hunt-NC)(Robinson-TN)

0215 VOG EE; Greek; vocals & Greek folk mx, nx (232 10/22 Abbinante-IL)

0343 VOG EE; YL w/wld nx (222 10/26 Shamblin-AR)

9420 0010 VOG Greek; YL w/tlk, 0015 Greek mx, // 11645 (433 10/22 Zirkelbach-CA)

0133 VOG EE; nx, tlk on the council on economic policy, Greek mx (444 10/11 Gerstner-NY)(Palmer-WA)(Bingham-MA)(Knight-WA)

0245 VOG Greek; mx, YL ID @ 0250, tlk (433 10/28 Coleman-MA)

9615 *0500 V. of America Czech; IS, ID, nx by OM, QRM KGEI (333 10/28 Trotto-FL)

9700 1823 V. of America EE; Focus, tlk abt USSR strategic defense, nx, tlk abt US arms sales to Jordan, Special EE Science Report (433 10/21 BinghamMA)

11645 1745 VOG Greek; choral singing (fr 10/28 Witte-CA)

1920 VOG EE; nx, former Greek Pres says Greece in most difficult time, tlk abt Nicaraguan Pres to address UN (444 10/21 Bingham-MA)

15630 1300 VOG Greek; IS, ID "Ado Atheine" by OM, TC, nx (343 10/20 Abbinante-IL)

1535 VOG Greek; Greek vocals, 1550*, // 11645 (353 11/3 Welch-MA)(BinghamMA)

17560 1520 VOG EE; Greek mx, nx, Greek foreign debt, balance of payments (344 10/25 Brown-IL)

17565 1232 VOG EE; wld & Greek nx, ID (333 10/11 White-FL)(Bingham-MA)

1540 VOG EE; nx, into Greek @ 1549, 1550*. // 15630 (343 10/30 Zilmer-NM)

HUNGARY Radio Budapest
6025 0305 RE EE; European Culture Forum pgm, nx, IS @ 0329 (423 10/15 Kustra-AZ)
11910 1032 RE EE; Int'l Ncreel, tlk abt Hungarian Nat'l Church & Gov't, DX pgm,
Hungarian folk mx (333 10/21 Bingham-MA)
1700 RE EE; travelog type of pgm, // 12000 (242 10/26 Bair-CA)

ICELAND Iceland State Broadcasting Service
12112.5 2316 ISBS piano mx (343 10/1 Levison-PA)
13797 1220 ISBS Icelandic?; tlk, nx, comtry, ment Greenpeace & Rainbow Warrior,
1245 off (353 10/26 Weikel-MI)
1334 ISBS Icelandic; lots of tlk, possible telephone feeds/remote report
(353 10/26 D'Angelo-PA)(Abbinante-IL)

IRELAND Radio Dublin International
6910 0014 RDI EE; mx, ID "R. Dublin AM FM & around the world SW," more mx (333
10/22 Trotto-FL)

ITALY Radiotelevisione Italiana
5990 2207 RAI EE; nx bulletin, II mx, EE pgm s/off 2224 (343 10/13 Gerstner-NY)
6205 2017 Adventist Wld R. EE; rel mx, request for reports to Portugal address,
2057* (vy pr 10/8 Welch-MA)
2144 Adventist Wld R. EE; rel pgm to 2154, ID requesting reports to Italy
(242 10/22 D'Angelo-PA)
9575 0105 RAI EE; nx, comtry, mx (544 10/19 Miller-CA)(Shamblin-AR)(Brown-IL)
2340 RAI II; II pop mx, anmts 2346, 2350 II folk mx (strong 10/22 Palmer-WA)
11800 1938 RAI EE; nx, tlk abt Nobel Peace Prize to organization of MDs, Weekend
pgm, tlk of winter sports & II opera (444 10/12 Bingham-MA)
11905 2230 RAI II; IS to 2230 (333 10/19 Rocker-MS)
15385 1900 RAI II; ID, mx, to LAm, chirping bird IS, 1905* (Kustra-AZ)
21690 1740 RAI II; II lessons, ID @ 1744, IS 1745 (333 10/15 Trotto-FL)

LUXEMBOURG Radio Luxembourg
6090 0027 RL EE; mx from the 50s, hip DJ, "You'r tuned to R. Extravaganza that's
R. Luxembourg" (333 10/17 Bingham-MA)
15350 1935 RL FF; pop mx, ads (252 10/14 Orr-FL)

MALTA Radio Mediterranean IBRA Radio
6000 2043 DW Maghreb; IS, anmts by OM, hvy QRN (pr 10/9 Welch-MA)
6110 2041 IBRA R. EE/GG; ending EE pgm into GG, ID, Canadian address given, 2115*
(353 10/11 Welch-MA)
2310 RM EE; gave int'l tennis scores, tlk of work of UN, mx (444 10/21
Hunt-NC)(Shamblin-AR)
9565 0100 DW EE; hijacking of cruise ship, Microphone on the Air, Press Review,
Germany Today-beer huts invaded Germany (323 10/9 Brown-IL)(Bingham-MA)
15405 *1430 DW Urdu; IS, ID, tlk by YL, nx by OM (343 10/7 Trotto-FL)

MONACO Trans World Radio-Monte Carlo
7160 0700 TWR EE; ID by OM, Back to God Hour (444 10/24 Orr-FL)(Bingham-MA)
9490 0806 TWR EE; Thru the Bible, OM w/prayer, tlk abt children of Israel, organ
mx (242 10/21 Bingham-MA)
9495 1800 TWR EE; new b/c to ME, IS, ID, The Sacred Page-study of Judges (323
10/26 Soomre-MA)

NETHERLANDS Radio Netherlands
6020 0208 RN EE; letters from listeners abt Dutch by Radio, into Dutch by R. (322
10/22 Zirkelbach-CA)(Ruhe-PA)(Dillon-MD)(Coleman-MA)
11740 2047 RN EE; Nxline, tlk abt Neth foreign policy, SW Feedback, 2125* (454
10/19 Bingham-MA)
13770 1500 RN EE; report on journalism in Malaysia, discussion abt Netherlands
providing food aid to Africa (444 10/16 Denton-KY)(Weikel-MI)(Bingham)
15560 1430 RN EE; ID, Asian svce, wld nx, Newsline, Mainstream Asia (243 10/25
Brown-IL)(Bingham-MA)
17605 1141 RN EE; Media Network, tlk abt new compact computer disc (333 10/31
Bingham-MA)

NORWAY Radio Norway International
9590 2205 RNI EE; report on whaling in Norway & how Greenpeace is protesting,
Letter from Norway, ID 2230* (444 10/27 Trotto-FL)
11855 2000 RNI EE; discussing Norway's taking of whales (544 10/27 Hunt-NC)
15225 1855 RNI Norw./EE; IS, ID, nx, QRM Havana (fr 10/31 Witte-CA)

15305 1300 RNI EE; nx, Nobel Peace Prize receipt discussed (544 10/13 Hunt-NC)
1450 RNI Norw.; IS w/IDs in Norw & EE, 1500 EE ID into Norw. pgm (444 10/12 Orr-FL)(Brown-IL)
1700 RNI EE; to Europe, nx, Norw aid to Nicaragua, Trends & Traditions pgm, tlk abt science fiction book written for kids (454 10/20 Bingham-MA)
15310 1656 RNI Norw.; IS, Norw/EE IDs, freqs, pgm details (454 10/17 Orr-FL)
17840 1537 RNI Norw.; nx (434 10/26 Berkholtz-MN)

POLAND Radio Polonia
7125 2235 RP EE; nx, wx, review of the weeks contries (433 10/12 Prath-FL)
7145 2320 RP piano concerto (444 10/2 Levison-PA)
7270 2311 RP EE; class mx (545 10/2 Robinson-TN)

PORTUGAL Radio Portugal
6095 0031 RP EE; ID, nx, tlk abt European Common Market & Portugal (333 10/12 Bingham-MA)
9695 2307 R. Free Europe Polish; ID, sx, economics, nx,0030* (545 10/13 Brown-IL)
15285 1750 RP PP; local mx w/vocals (555 10/12 Levison-PA)
21735 1600 R. Liberty RR; ID @ 1600, nx, // 21745, 21530 (355 10/19 Rocker-MS)
21745 1300 R. Liberty RR; tlk 1245-1300, IS, ID "Govorit, R. Svoboda," nx, //21735 (443 11/2 Prath-FL)

ROMANIA Radio Bucarest
5990 0200 RB EE; IDs, nx of PLO, tlk on non-aligned countries, mx (545 RobinsonTN)
11940 1300 RB EE; freqs, nx, main events of past week, symphonic interlude (232 10/19 Bingham-MA)
15250 1304 RB EE; nx, inst'l mx, tlk abt school system, 1327* (222 11/2 Bingham-MA)
15335 1500 RB EE; IS, ID, nx, to Asia (322 10/30 Zilmer-NM)

SOVIET UNION Radio Moscow Sites via UHN Newsletter
Russian S.F.S.R. (European)
5980 0040 RM (Riazan) EE; interview w/Alfred Stern, chairman of PBS (332 10/10 Welch-MA)
7310 0520 RM (Armavir) EE; highlights of speech by Gorbachev, mx, nx in brief, ment of Soviet-Libyan cooperation (fr 10/16 Beaver-IN)

Ukrainian S.S.R.
7175t 2213 RM (Lvov) EE; pgm abt a factory building houses for people, mailbag (433 10/31 Leonard-FL)
15100 1530 RM (Nikolayev) EE; nx in brief, YL ID, contry (444 10/12 Orr-FL)
1749 RM (Nikolayev) EE; pop mx w/RR lyrics (fr 10/15 Palmer-WA)

Unknown Sites
6045 2340 RM EE; impressions of Americans who visited USSR, building & agriculture in Siberia, DX pgm (323 10/14 Kaessinger-FRG)
7105 *2330 R. Rodina RR; IS, ID, nx, CW QRM (333 10/15 Trotto-FL)
7175 0309 R. Kiev EE; Ukraine nx, sx, mx, contry on the World Court on the American-Nicaragua case (322 10/14 Brown-IL)
7195 0624 RM EE; nx reports, Newsreel, // 7215 & 7310, Round About the Soviet Union (333 10/15 Dickerman-PA)(Brown-IL)
7400 0050 R. Kiev EE; ID, IS, sked for 11/3 given (444 10/27 Trotto-FL)
9450 1230 RM EE; mailbag, weapons, business in USSR (242 10/14 Soomre-MA)
9685 1100 R. S. Peace & Progress CC?; IS, ID, tlk by YL (343 10/10 Soomre-MA)
9885 1030 RM EE; mailbag, mx from different countries (555 10/18 Ruhe-PA)
11790 0030 R. Kiev EE; ID, local & nat'l nx (444 10/22 Knight-WA)(Brown-IL)
11830 1415 RM EE; ID, contry on Central Committee (444 10/15 Langlois-FL)
13110 0125 RM EE; river projects, // 13155, 13170 & 13200 (544 10/9 Neff-OH)
13605 2300 R. Vilnius EE; // 15180, nx, Nxdesk,2330* (333 10/14 Kustra-AZ)
21590 1515 RM EE; Soviet Way of Life, Kaleidoscope, rpt on farm cooperative in Armenia (242 10/20 Gerstner-NY)

SPAIN Radio Exterior de España
5900 2330 REE EE; wx, ID, into noise (fr 10/30 Sheedy-CA)(Trotto-FL)
6125 0516 REE EE; comments on S. African problem (433 10/26 Brewer-AR)(Berri-CA)
9360 2257 REE SS; IS, nx (333 10/13 White-FL)
9625 0350 R. Liberty RR; tlk, ID, IS, nx, Munich address (332 10/13 Trotto-FL)
9630 0100 REE EE; nx, Panorama, SS course by radio (433 10/6 McKinney-PA)(Bingham-MA)(Abbinante-IL)(Zirkelbach-CA)(Brown-IL)(Miller-CA)
11690 1830 REE EE; freq sked, nx, speeches, mx (232 10/29 Zilmer-NM)
11880 0001 REE EE; SS nx, int'l nx (323 10/21 Bishop-NY)(Ruhe-PA)(Miller-CA)
11890 1920 REE SS; Radio Uno pgm (444 10/23 Rocker-MS)
17770 1841 REE SS; ID, tlk, DX pgm? (444 10/12 Trotto-FL)

SWEDEN Radio Sweden International
6065 2028 RSI FF; ID in various langs, lost to QRM (252 10/30 Welch-MA)
9695 2329 RSI EE; IS, ID in different langs (333 10/25 Shamblin-AR)
15345 1410 RSI EE; history of Nobel Prizes, ad for Sweden Calling DXers, pop mx,
jazz pgm, IS (433 10/14 Sable-PA)(Addison-KS)(Brown-IL)(Neff-OH)
(Welch-MA)(Bingham-MA)
21555 1545 RSI Swedish; YL ancw w/tlk along w/OM, 1556 ment of Stockholm, 1558*
(353 10/15 Trotto-FL)
21570 1414 RSI EE; history of Swedish flag, traditional Scandinavian drinking
songs, tlk of Swedish composer (333 10/28 Bingham-MA)

SWITZERLAND Swiss Radio International
6165 0722 SRI EE; nx, tlk abt people in Switz think Gov't is taking too many
refugees, Dateline Monday, wx (353 10/21 Bingham-MA)
9725 0208 SRI EE; Dateline, tlk abt Reagan's speech to the UN (232 10/26
Shamblin-AR)(Kustra-AZ)
0400 SRI EE; nx, Newslne, Italianship hijacked, nobel prize for medicinè,
France-Brazil tlks (344 10/19 Brown-IL)(White-FL)
9885 2342 SRI GG; Press Review (333 10/11 Berkholtz-MN)
11955 1344 SRI EE; Swiss SW Merry-Go-Round, Swiss accordian mx, YL w/freqs (232
10/19 Bingham-MA)
12030 1303 SRI EE; nx; tlk abt Swiss-Austria & W. Germany to work to fight
pollution, Dateline-Saturday, Swiss SW Merry-Go-Round (343 10/12
Bingham-MA)
12035 2105 SRI EE; nx, rpt on Swiss Chief-of-Staff, Swiss drug used by French
doctors to treat disease of AIDS (444 10/30 Bingham-MA)
15570 1115 SRI FF; musicbox IS, sked (222 10/16 Abbinante-IL)
1344 SRI EE; to SE Asia, ID, Sunday Supplement, tlk on pollution, drugs
(233 10/27 Fisher-NM)(Bingham-MA)(Brown-IL)
15585 1120 SRI EE; tlk to Swiss YL who is an olympic runner, Swiss inst mx (343
10/13 Bingham-MA)
17570 1534 SRI EE; nx, S. African violence, U.S. envoy to Japan, Swiss disaster
relief corp to work more w/the UN (444 10/25 Brown-IL)(Zilmer-NM)
17785 1327 SRI EE; Swiss accordian mx, TC, to SE Asia & Indian sub-continent,
tlk abt police in Italy arrest PLO member (222 10/26 Bingham-MA)
17830 1330 SRI EE; nx of S. Africa & Commonwealth sanctions, comments on Star
Wars defense, // 15570, 15585 & 17785 (333 10/22 Sable-PA)(White-FL)
1530 SRI EE; OM w/nx, Israeli Knesset approves Peres' tlks plan (344 10/29
Coleman-MA)(Berkholtz-MN)(Bingham-MA)
21770 1515 SRI EE; Swiss mx pgm, 1530 into EE, nx, comtry, // 17570, 17830 &
15430 (354 10/14 Denton-KY)(Zilmer-NM)(Bingham-MA)

VATICAN CITY STATE Vatican Radio
6015 0100 VR EE; religious editorials (454 10/21 Lewkowicz-MA)(Hawk-VA)(Ruhe-PA)
9605 0050 VR EE; "A Many Splendered Thing" (343 10/22 Kustra-AZ)
9645 2056 VR EE; tlk abt Bishops Conference & S. Africa, Catholic Youth Organi-
zation in Philippines, ID, Nxdesk (333 10/31 Bingham-MA)
11700 1950 VR Latin; Rosary w/YL (454 10/10 Welch-MA)
11740 1445 VR EE; nx, tlk abt Pope says Mass for seminary students, S. African
Catholic Mission Deacon arrested (444 10/22 Bingham-MA)
15120 1530 VR FF/EE; from FF to EE pgm @ 1550 w/tlk on Dutch Priest killed in
German POW camp during WWII (454 11/3 Welch-MA)
15405 1400 VR SS; ID, bells at the Vatican (544 10/13 Brown-IL)(Kustra-AZ)
17865 *1230 VR Vietnamese; IS, bells, rel tlk, to Asia (322 11/2 Prath-FL)

YUGOSLAVIA Radio Yugoslavia
6100 2001 RY EE; wld nx, comtry on Israeli attack on PLO headquarters in
Tunisia, jammer QRM (232 10/19 Welch-MA)
9620 0000 RY SS; nx w/OM & YL ancwrs (555 10/25 Ruhe-PA)

Merry Christmas and Happy New Year. 1985 is coming to an end and I hope you all
have had a great year as I did. I'm looking to the new year.

Daniel

ASCENSION ISLAND (cont.)

- 15400 1520 BBC Relay: EE; OM tkl abt rugby games, hockey scores, other sports nx. 343(10-19 Miller-CA). @1935 "Desert Island Discs" then world nx, into PP at 2030. 444(10-13 Femyer-AZ). @1925 interview w/a well-travelled elderly woman. pr/fr(10-13 Palmer-WA). @2153 music from Argentina, then Big Ben & new language 2200. 323(10-15 Brown-IL)
- 17885 1427 BBC Relay: EE; tkl abt 50th anniversary of Monopoly® game. 333(10-21 Bingham-MA)
- 21660 1429 BBC Relay: EE; live Ireland/Fiji rugby game. 353(10-20 Welch-MA). @ 1505 Newsreel pgm re: ship hijacking. (SIO??)(10-11 Grosvenor-CA). @ 1535 live Chelsea/Everton soccer. 252(10-12 Orr-FL). @1550 "Jolly Good Show" & free T-shirt promo. 333(10-22 Sable-PA). @1640 Q/A pgm w/ a bishop re: So. Afr., World Nx. 444(10-13 Brown-IL)

BENIN

- 4870 0538 ORTB Cotonou: FF/Vern.; tribal mx & lengthy OM tkl, into FF @0550 w/ YL ancr, hilife mx, & TCs. 343(11-6 Thompson-CA). @0621 OM tkl between selections of hilife mx; some UTE QRM. 433(11-4 Sharp-FL)

BOTSWANA

- 4820 0355 R. Botswana: Set; Barnyard IS, NA, open 0400 w/ID, prayer & hymns. 433 (10-27 Palmer-WA)
- 7255 0355 R. Botswana: EE/Set; that wonderful IS to 0400 NA, OM s/on in EE, foll by hymn & prayer. ARO and QRMoscow. 433(10-19 Thompson-CA). 343(11-8 Schmautz-NY). 444(11-14 Quagliieri-NY)

BURKINA-FASO

- 4815 2300 RT du Burkina: FF; OM/YL tkl abt famine relief, song "We Are the World" and talk by American in EE. fr/gd(10-15 Thunberg-PA). @0001* off w/ ID/NA. 434(10-24 Bishop-NY)
- 4815 0630 RT du Burkina: FF; hilife mx & ID. 444(10-15 Kustra-AZ). @0652 w/gtr solos and OM vocals, hrd over UTE stn. 333(10-29 Sharp-FL)

CAMEROON

- 4000 2200 R. Bafoussam: FF; OM nx, native mx; ID @2302, NA, off 2304*. Buried by ARO splatter at times. 232(10-7 Welch-MA).
- 4000 0632 R. Bafoussam: FF?; weak w/OM tkl/anmts, UTE QRM. narrow filter necessary here. 243 (11-4 Sharp-FL)
- 4795 2145 R. Douala: FF; 2 OM tkl abt development; martial mx, OM nx 2200, ID. Hvy QRN. 333(10-30 Dillon-MD). @2141 end nx. 444(10-23 Bishop-NY)
- 4795 0532 R. Douala: EE; OM nx, ID @0537 "This nx comes to you from R. Douala, Cameroon". 222(10-10 Orr-FL). @0535 EE nx to 0542. 333(10-11 Heinen-CO). @0605 FF; lcl/regional nx OM, UTE QRM. 333(11-4 Sharp-FL)
- 4850 2110 R. Cameroon, Yaounde: EE/FF; nx & sports in EE, Afro mx pgm in FF. 444 (10-20 Lewkowicz-MA). 343(10-20 Gerstner-NY).
- 5010 2102 R. Garoua: EE; nx abt Africa, ID @2110, Afro mx. UTE QRM. 322(10-18 Gerstner-NY)
- 5010 0430 R. Garoua: Vern; Qu'ran recitations; light QRN. 343(11-2 Witte-CA). @ 0626 OM alt between FF/vern, lcl anmts & freq ref to Garoua; very wk audio. 333(11-4 Sharp-FL)
- 9355 2054 R. Cameroon, Yaounde: EE; hilife mx, anmt prior to nx that other stns will join net for nx; ID "This is Radio Cameroon", nx, anmt @ 2117 "Listen tmw when we bring you more pgms in EE". 333(10-3 D'Angelo-PA)

CENTRAL AFRICAN REPUBLIC

- 5035 2140 R. Centrafrique: Sango?; occ OM tkl between lengthy drm solos; good sigs but wk audio. 343(11-5 Sharp-FL). @2123 FF OM TC as "8:23", mx pgm to 2131 then 2 OM tkl abt Senegal/Ivory Coast. 444(11-13 Quagliieri-NY)

CHAD

- 4904.5 0456 RN Tchadienne: FF; Balafon IS to NA @0457, then choir & ID OM @0500 as "Ici N'djamena, RNTchadienne", freqs, anmts. 353(10-17 Orr-FL). @0510 lcl mx, discussion, nx/cmtry, more hilife mx. 242(10-19 Abbinante-IL). @0642 YL/OM tkl, hilife mx, UTE QRM. 232(10-29 Sharp-FL)
- 5286v 0611 R. Moundou (t): Sara/FF; vy wk, but instr. mx, occasional tkl hrd; no ID hrd. 232(10-29 Sharp-FL)

DJIBOUTI

- 4780 0307 R. Djibouti: Somali; OM Qu'ran recitations; QRM & QRN, & sig fadeout by 0314. pr(10-12 Welch-MA)

EGYPT

- 9475 1905 R. Cairo: AA; AA mx, ID "Itha'at ul-gumhuriyyah misr al-'Arabiyyah", travel pgm, ID "Min al-qahirah", drama pgm. 444(10-14 Dillon-MD)
 9475 0240 R. Cairo: EE; AA mx w/YL singing. 222(10-17 Stephenson-CA)
 9675 0250 R. Cairo: EE; YL introduces vocal mx, ID @0259, letters from listeners. 433(10-28 Coleman-MA). @0226 Nx, YL ID. 323(10-28 Berkholtz-Nx)
 9755 0149 R. Cairo: AA; OM w/Qu'ran, NO RCI tonite. 252(10-15 Orr-FL)
 9770 0410 R. Cairo: AA; AA mx w/OM singing. 232(10-11 Orr-FL)
 9805 2121 R. Cairo: EE; "Egypt Today" abt nat'l development plan, Egypt/US relations; AA mx, YL ID "The Voice of Egypt..R. Cairo".333(10-11 Dillon)
 9850 2045 R. Cairo: AA; AA mx, ID "Min al-qahirah", Beautiful Language pgm, [-MD] wrld nx, TC. 343(10-15 Dillon-MD)
 12050 1802 R. Cairo: AA; Gen'l AA Pgm w/Qu'ran recitation. fr(10-13 Palmer-WA). @ 2015 usual AA mx, OM/YL drama; 9475 much better. 323(10-15 Abbinante-IL). @2045 Beautiful Language pgm, nx, TC. 343(10-15 Dillon-MD). @ 2318 YL vocal live before audience. 444(10-24 Levison-PA).
 15335 0140 R. Cairo: AA; AA mx w/YL singing & chanting. 434(10-12 Aldrich-IA)
 17670 1615 R. Cairo: AA; 2 OM w/tlk about navies, AA mx. 333(10-26 Dillon-MD)
 17675 1217 R. Cairo: EE; AA mx, YL tlk abt President's USA visit; ID at end of nx. 222(10-22 Bingham-MA)

EQUATORIAL GUINEA

- 4925 2158 RN Bata(t): SS; vy weak; drum solos and occasional SS tlk hrd but no ID. 232(11-6 Sharp-FL)
 4925 0532 RN Bata(t): SS; OM ment Africa/Cuba, no ID hrd. 433(10-8 Berri-CA)
 5005 2125 RN Bata: SS; Lionel Richie mx, nx @2130. 322(10-18 Gerstner-NY). @2147 tx by OM, lotsa lcl mx, QRM UTE on 5003. 323(11-5 Sharp-FL)
 5005 0605 RN Bata: SS; Afro mx w/OM DJ; still audible 0630. 333(11-2 Witte-CA)
 6250 2157 RN Malabo: SS; lively instr mx prior to ID & s/off anmts & familiar l-o-n-g NA; off 2204*. 242(10-22 D'Angelo-PA)

ETHIOPIA

- 7110 0327 VO Revolutionary Ethiopia: Amharic; OC to 0329, 2x solo flute IS, OM ID, 2nd OM anmt, NA, 2 dbl/1 single pip (55 secs late so why bother?), OM nx to mx @0339. Best here ever. 433(11-14 Quaglieri-NY)
 9560 1253 VO Revolutionary Ethiopia: Amharic; lcl exotic mx on stringed inst, YL tlks. 333(10-30 Sharp-FL)

GABON

- 4777 2127 RTV Gabonaise: FF; fast tlkg FF. 333(10-8 Bishop-NY).[More details would be appreciated, folks..I'll edit if you get carried away-Ed.]
 4810 2215 Africa #1: FF; hilife mx w/YL DJ, canned ID w/ment of Libreville, Gabon, into disco mx. 343(10-30 Dillon-MD)
 4810 0522 Africa #1: FF; Afropops, YL DJ. 354(10-19 Abbinante-IL). @0530 w/hilife mx, OM ancr, occasional rock mx. 343(10-16 Thompson-CA)
 15200 1120 Africa #1: FF; Olivia Newton-John mx, tlk, the usual. 333(10-1b Abbinante-IL). @1640 YL ancr w/Afropops. 333(10-28 Witte-CA)
 15475 1820 Africa #1: FF; OM anmts/tlk/ads, hilife and US soul mx. 454(Palmer-WA)
 15775 2123 Africa #1: EE; ID, ancr tlk abt history of US black mx w/mx as examples.(Hrd better mx than avail here in Chicago!) 444(10-25 Brown-IL)
 21550 1525 R. Japan Relay: EE; questions from listeners, mx, "Our Heritage" pgm, nx. 242(10-20 Gerstner-NY)

GHANA

- 3366 2206 GBC: EE; pop mx, ID, inspirational tlk to 2243 then "This is Radio 2, the Commercial Sce. of the GBC"; s/off 2306*. 353(10-6 D'Angelo-PA). @2301 religious pgm. 434(9-30 Levison-PA)
 3366 0546 GBC: EE/Vern; Afropops to YL nx 0600, ID in nx. 434(10-8 Berri-CA). @ 0545 w/native mx. 444(10-11 Heinen-CO). @0705 nat'l nx by YL, ID as "GBC in Ghana". 333(10-29 Sharp-FL)
 4915 2241 GBC: EE; mx, sports, nx abt agricultural prices. 434(10-12 Brown-IL). @2251 nx into Afro mx & s/off 2202*. 434(10-26 Bishop-NY). @2254 nx hilites abt Mozambique, Afro mx. 454(10-11 Gerstner-NY)
 4915 0530 GBC: unid; rel pgm w/OM ancr; lite QRN. 444(11-2 Witte-CA). @0607 EE nx YL ancr, ID, drums, unid lang 0615. 333(10-24 Brown-IL). @0608 YL nx EE to 0616, drum IS, into unid lang. 422(11-6 Thompson-CA). @0639 YL cmtry on drought, local TC, great signal. 454(10-29 Sharp-FL)



GUINEA

4910 2147 RD Nationale: FF; lengthy OM tkl, ments Conakry. 333(11-6 Sharp-FL)
 15308 1307 RD Nationale: FF/vern; OM tkl w/frequent ID's. On-again-off-again sked here. 353(10-30 Sharp-FL). @1602 OM ancr w/Afro mx, ID, phone-in show. 252(10-12 Orr-FL). @1833 OM ID, Afro mx. 343(10-7 Trotto-FL)

GUINEA-BISSAU

5475.5 *0603 RD Nacional: PP; late s/on w/military band NA, anmt, into vernacular. 222(10-29 Sharp-FL)

IVORY COAST

7215 0636 RTV Ivoirienne: Vern; 2 OM interview (ment Angola), perc mx @ 0640, to brief OM tkl, back to orig duo for Q/A session. 322(11-6 Thompson-CA)

KENYA

4950 0510 VO Kenya(t): unid; African drums/chants, into gtrs/hilife mx. Hvy QRM +ARO QRM prevented.ID. 333(11-2 Witte-CA)
 7220 0402 VO Kenya: EE; OM nx, incl nx abt Dir. of Broadcasting; mni ments VOK. ARO QRM. 433(10-15 Orr-FL)
 9725 1500 VO Kenya: EE; 4 pips foll by YL ID & nx. Mixing w/2 unids on freq, 7220 unheard. poor(11,7 Sheedy-CA)

LESOTHO

4800 0605 R. Lesotho(t): Sesotho?; hrd OM tkl in vern language, thru hvy UTE QRM [UTE so strong hr doubt I could hr VOA thru it-ed.]422(11-? Sharp-FL)

LIBERIA

3255 2203 LBC/ELBC: EE; VOA's "African Panorama", ID, fade by 2210. UTE QRM. 222 (10-11 Gerstner-NY). @2155 Afro mx & tlkng. 434(10-14 Bishop-NY) "
 3255 0547 LBC/ELBC: Vern/EE; Liberian Program ends 0557, EE ancr w/upcoming pgms, EE mx pgm after 0600. 433(10-11 Heinen-CO)
 4760 2208 ELWA: EE; VOA nx, lcl nx, "You hv bn listening to the nx frm ELWA Monrovia", into rel mx. 343(10-22 D'Angelo-PA). @2118 tkl abt drugs. 434 (10-8 Bishop-NY)
 6035 0428 VOA Relay: EE; sounded like OM reading nx; under VOA USA xmtr which left air 0430 [I don't see any US listing hr in latest VOA sked-ed.]; hvy QRM/QRN. poor(10-14 Palmer-WA). @0610 Daybreak Africa. 544(10-19 Brown
 7280 0526 VOA Relay: EE; pgm "Saturday morning", Johnny Hodges mx, FF QRM on|-IL) @0530. 333(10-26 Brewer-AR). @0405 Nx, Daybreak Afr. 223(11-4 Brown).
 9540 0529 VOA Relay: EE; YL pgm lineup, OM nx, "Sat. Morn." 333(10-26 Bingham-MA)
 11720 0330 VOA Relay: EE; nx, Daybreak sports, NASA report. 323(10-20 Brown-IL)
 15445 1945 VOA Relay: EE; Press Conference USA re:US debt. 232(10-19 Bingham-MA)
 15600 *1558 VOA Relay: EE; s/on, ID, into world nx. 353(10-12 Orr-FL). @1738 Now Mx USA--salute to record producers. 454(10-22 Bingham-MA)(10-15 Palmer-WA)
 17870 1810 VOA Relay: EE; "Focus" abt IMF adjustment; ID, freqs. 454(10-22 Bingham [Report for 17810 is for Greenville site] -MA)

LIBYA

6155 0438 R. Jamahiriyah: AA; OM anmts, AA mx, ID @ 0430 into Qu'ran. //9890 & 7245. 534(10-24 Orr-FL)
 9890 2340 R. Jamahiriyah: AA; OM w/revolution tkl, AA mx in bkgnd; slight bubble jammer noted; more camel mx to 2350. 343(10-19 Abbinante-IL)
 15415 1725 R. Jamahiriyah: AA; ry HS; OM & AA mx, tkl seemed to be nx updates. 544 (10-20 Palmer-WA)

MADAGASCAR

2496 0259 R. Madagasikara(t): unid; s/on w/NA, anmts, deep fades, weird mx common to this stn, but no ID. I've hrd they moved to 120m, so I guess it's a possibility; no //s hrd, f/out 0317.[hmmmmmm-ed.] 322(11-4 Sharp-FL)
 9540 2035 RN Relay: EE; nx, ID "This is the African Sce. of RN", Newsline pgm. 444(10-21 Bingham-MA). @2036 YL nx, ID, Newsline. 543(10-8 Neff-OH)
 11735 1430 RN Relay: EE; nx, Mainstream Asia. 333(11-1 Zilmer-NM)
 15570 1648 RN Relay: EE; Newsline, ID, Media Network. 332(10-17 Trotto-FL)
 17575 1430 RN Relay: EE; nx, pgm for Asia. 232(10-30 Zilmer-NM)

MALI

4783 2114 R. Mali: FF; OM rapid tkl mni ments Bamako, primitive lcl mx, annoying het gone w/1.9kHz filter. fair(11-4 Thunberg-PA). @2250 w/Afro vocals to 2300ID, YL tkl, some hilife mx. 353(10-18 D'Angelo-PA)
 4783 0634 R. Mali: FF; lcl mx, OM "RD Nationale du Mali..." 333(10-29 Sharp-FL)

MALI (Cont.)

4835 2245 R. Mali: FF; pgm hilife/US rock mx; @0000 "Ici Bamako", NA & then off. //4783. 433(10-23 Forsgren-WI)

5995 2241 R. Mali: FF; native vcl mx, heavy on the drums; buried by VOA s/on @ 2300. in clear agn when VOA breaks 2330-0000. 322(10-8 Welch-MA). @ 2250 hilife mx, "Ici Bamako", "Ici R. Malienne communique". 343(10-8 [FRG DX'er Bernd Fink reports Mali on new 3380kHz, as reported on RAE- Welch-MA) Argentina's "Actualidad DX" program. Since I don't know when Bernd hrd this one, either of two things is possible: a)3380 has replaced 4835, or b)4835 has since replaced 3380...follow me so far?? Guess we'll have to listen to be sure.-ed.]

MAURITANIA

4845- *0556 RTV Mauritanie: AA; s/on w/guitar IS, OM ID. Great sig. 544(10-29 Sharp | -FL)

MAURITIUS

9709 1258 MBC: Hindi?; Indian mx, OM tlk w/poss ID, presumed nx @1300; QRM de R. Australia. 222(10-30 Sharp-FL).[Still hearing this one fair-to-good many dys to 1430 s/off.-ed.]

MOROCCO

5995 *0400 VOA Relay: EE; wrld nx, "Saturday Morning" pgm. They come on as Greenville departs @0359. 242(11-9 Welch-MA)

11920 2156 RTV Marocaine: AA; OM speech, casual IDs; // 15335 and 15105 which were almost unusable. 343(11-5 Sharp-FL)

15335 1313 RTV Marocaine: AA; nx, ID "Itha'at ul-mamlakat il-Maghrebiyyah", AA orch mx; deep fades. 333(10-14 Dillon-MD). @1645 nx/cmtry, AA mx to ID 1701, nx by YL. 343(10-31 Weikel-MI). @1407 ME mx thru 1430 ID. 333(10-31 Heinen-CO)

17595 1610 RTV Marocaine: AA; seductive YL w/nx, then alt OM/YL discussion. 253 (11-8 Abbinante-IL)

MOZAMBIQUE

3212 0315 R. Mocambique: PP; nice E. Af hilife mx, ID "Emissao Nacional"; modulation hum. 222(10-24 Forsgren-WI)

3338 0300 R. Mocambique(t): PP; YL poss ID then into nx; mx @0310. Too wk to cpy speech. 141(11-14 Quaglieri-NY)

9618 1855 R. Mocambique: EE; OM nx to 1857, drums, ID "R. Mozambique", ann freqs 11820/11835/9525.1079 for next EE b/c tmw @1100; YL s/off anmts in PP, then NA & off 1900*. 333(11-14 Quaglieri-NY).

9618 0440 R. Mocambique: PP; mx, nx, cmtry pgm. 232(10-31 Hawk-VA)

NIGER

3260 2158* RTV Niger: FF; closing down w/anmts, NA. 433(10-14 Bishop-NY)

NIGERIA

4990 2104 R. Nigeria-Lagos: EE; nx & sports, cmtry on Saf/apartheid. 333(10-22 Gerstner-NY). @2118 w/nx, cmtry. 434(10-23 Bishop-NY)

7255 1936 VO Nigeria: EE; OM nx foll by cmtry economy in Nigeria.332(10-10 Welch-7255 *0450 VO Nigeria: EE; s/on bells, fast native drums. pr(10-29 Witte-CA).|MA) @0500 hilife mx to 0530, then world nx. fr(10-18 Beaver-IN). @0525 rpt on river blindness, drum ID, world nx. 323(10-19 Brown-IL). @0600 IS, into FF OM nx; lo modulation. 222(10-19 Abbinante-IL). @0812 back to EE tlk abt economic/political development. 222(10-19 Bingham-MA)

11770 2030 VO Nigeria: EE; ID, nx/cmtry, nx abt Nigeria, Viewpoint. Weak & distorted audio. 333(10-18 Gerstner-NY). @2002 OM nx, discussion abt Nigeria, hilife mx. 343(11-7 Sharp-FL)

RWANDA

7225 0510 DW Relay: EE/FF; end EE to E. Af, ID, into 35-min FF pgm, all over bk-gnd of African tribal mx. 343(10-6 D'Angelo-PA)

11730 0027 DW Relay: GG; OM w/tlk abt "SDI", ID, sports. 434(10-13Dillon-MD)

17800 1249 DW Relay: EE; OM rpt abt public tribunals in Ghana; pgm lineup, ID, "Africa Today" pgm, YL Afro nx. 433(10-22 Bingham-MA)

SAO TOME E PRINCIPE

4806 0627 R. Nacional: PP; hilife mx alternates w/OM tlk/anmts; fair reception, not hrd too often.[Sked vy erratic-ed.] 243(10-29 Sharp-FL)

SENEGAL

- 4890 0004 RTV Senegal(t): FF; OM tlc, mni ments Senegal, singing in FF & verns, Afro mx. 453(10-20 Hesch-NY)[Not usually on this late.-ed.]
- 4890 *0556 RTV Senegal: FF; IS, NA, OM ID @0558 "Vous etes a l'ecoute de l'Office de RTV Senegal", freqs, YL ancr, time pips. 444(10-17 Orr-FL). @0647 in AA w/OM tlc, into Qu'ran recitations. +33(10-29 Sharp-FL). @0841 unid lang: tribal mx, OM ancr, EE pop mx. fades into NBC/PNG by 0900. 333(10-29 Thompson-CA)
- 4892 2308 RTV Senegal: FF; EZL mx, OM ancr. Must have moved hr from 4890--noted hr often. 454(10-7 Welch-MA)[Noted hr on 1-13 @2212...choice of freq seems pretty capricious; maybe more intensive monitoring will unearth some pattern, but it's not likely.-ed.]

SOUTH AFRICA

- 3250 0326 Radio Five/SABC: EE; rock mx to 0330, "It's 5:30", nx; @0333 "Next nx over Radio 5 at 7 o'clock.", bk to mx. 343(10-26 D'Angelo-PA)
- 3930 2130 Capital Radio: EE; UK rock mx, slick OM DJ, no Cape Verde; ARO QRM. 232 (11-6 Sharp-FL). @0315 sports, Winston ad, rock mx, promo for contest w/info in Sunday Tribune (newspaper). 322(10-12 D'Angelo-PA)
- 4835 2113 SABC: EE; wx for southern AF, "Nightline" phone-in pgm, benediction, NA & s/off @2200*. 333(10-11 Gerstner-NY). @0247 w/old big-band records to 0300, then "Calling All Farmers" pgm. fr/pr(10-18 Palmer-WA). @ 0430 ID, address, nx. 211(10-15 Brown-IL)
- 4880 2138 SABC: Afk; fiddle mx, OM ID, into gtr mx. 354(11-6 Sharp-FL). @0405 in Afk: HSw/remote rpt via telephone, C/W mx, ID. 353(10-12 D'Angelo-PA). @0413 in Afk: OM nx/cmtry, mx, rel. pgm. Good sig for once, lately 4880 victim of much QRM/QRN, etc. 343(10-15 Abbinante-IL)
- 4990 0315 R. RSA: EE; SAF nx @0321, "Special Report" pgm. 222(11-8 Schmutz-NY). @0330 discussion of SAF problems, ID. 423(10-22 Brown-IL). @0403 Nx, ID, editorial, freqs, disco mx. 333(10-24 Bingham-MA). @0414 OM end nx, ID, mx. 222(10-26 Shamblin-AR).
- 5980 0204 R. RSA: EE; OM nx, tlc abt state of emergency; rock mx, OM report on Reagan's speech to the UN. 433(10-26 Bingham-MA)
- 6010 0214 R. RSA: EE; OM request comments on new freqs, "Africa Today" pgm. 444 10-1 Marshall-AZ)
- 6065 0037 R. RSA: SS; pop mx pgm hosted by OM.//6160, 9500. 533(10-23 Palmer-WA)
- 6160 0030 R. RSA: SS; same pgm as above, vy poor cpt. 222(10-23 Palmer-WA)
- 7270 0302 R. RSA: EE; Nx, ID, cmtry, "Good Morning Africa", march mx. 323(11-4 Brown-IL). @0338 Weekly Economic review, talk w/Dr. Christaan Barnard. 343(10-26 Bingham-MA). @0404 ID, nx, cmtry on gvt reform policies in Saf. 222(11-1 Goodman-IA)
- 9580 0015 R. RSA: SS; pgm abt life & habits of lions in Kruger National Park. 444 (10-8 Grosvenor-CA). @0030 om tlks abt SAF animals. gd(10-23 Palmer-
- 9615 0159 R. RSA: EE; IS, ID, TP, Afro nx. 554(10-29 Goodman-IA). Nx, inter- |WA view w/resistance leader. 444(10-9 Marvin-CA). 454(10-24 Bingham-MA). 444(10-28 Berkholtz-MN). 555(10-30 Ruhe-PA). 444(10-9 Palmer-WA). 434 (10-8 Brown-IL). 444(10-13 Soomre-MA)
- 11900 2054 R. RSA: FF/EE; FF to 2055, IS, OM ID, "Africa Today". 444(10-17 Palmer-WA). @2108 Mailbag pgm, DX Corner. 343(10-5 Gerstner-NY). @2110 mx, pgm lineup, Africa Today. 333(10-25 Bingham-MA). @2142 ID, pgm abt medicine among Zulus; s/off 2155*. 333(10-13 Femyer-AZ)
- 17780 1300 R. RSA: EE; nx & commentary. 252(10-23 Zilmer-MN)

SOUTH WEST AFRICA

- 3295 2142 R. SWA: Afk; pgm of orch mx/OM tlc; wk but audible, 3270 covered by UTE. 243(11-6 Sharp-FL).
- 3295 0015 R. SWA: EE; mx mixture: C&W, pop, instr; ID @0030 "Radio service of South West Africa". 232(10-10 Gerstner-NY)

SWAZILAND

- 5055 0327 TWR: EE; piano mx, YL Bible reading, talk about laying down your life for a friend [talk is cheap-ed.], drums, OM tlc. 222(10-24 Bingham-MA). @0337 rel pgm, OM ancr. 232(10-12 Welch-MA)
- 5955 0400 TWR: GG; religious pgm w/ music. 434(10-11 Kustra-AZ)
- 9640 *0333 TWR: Pedit?; IS to 0335, s/on by OM w/c/r mentions Swaziland/TWR; into African vocals to talk @0340. 343(10-29 D'Angelo-PA)



TANZANIA

5050 2013 R. Tanzania: Swa?; OM tlk, other OM ID @2015, NA ends 2017, silence to 2018, brief anmt, into drums/gtr mx, YL ID 2030, suddenly off @2048*. I think the engineer was catching 40 winks & missed s/off. 232(11-13-9684 1851 R. Tanzania: vern/EE; chants & vern OM, drums @1859, ID & into EE |ed.) nx/OM. 322(11-14 Quaglieri-NY)

TOGO

3222 0615 RTV Togolaise: fF; continuous OM tlk, hvy UTE QRM. 233(11-4 Sharp-FL)
 5047 *0527 RTV Togolaise: fF; IS to 0530, NA, OM tlk. vy wk/QSB. 232(10-21 Thompson-CA). @0550 Afro mx, OM tlk, long pauses, pop mx; mod a problem at times. 232(10-27 Abbinante-IL). @0616 instr mx/stringed instrs. 454 10-29 Sharp-FL)

TUNISIA

7225 2203 R. Tunis: AA; OM tlk...nx? several ref to AA cities noted. 333(11-6 Sharp-FL). @0505 AA vocals, YL ancmts; @0600, OM nx, foll by speech excerpts @0618. 333(11-9 Welch-MA)

ZAMBIA

3346 *0350 R. Zambia: Vern; fisheagle IS, NA 0352, OM opening anmts; best hrd in a long time. fr(11-1 Sheedy-CA). @*0343 fisheagle IS, EE nx, into EZL mx. 353(10-12 D'Angelo-PA). @0355 EZL mx to 0400 TS, EE nx/OM, foll by more mx to fadeout @0419. 252(10-12 Welch-MA).
 4910 *0347 R. Zambia: Vern; fisheagle IS to NA 0348, OM vern ID/tlk; extremely lo mod..would be killer up to even 70% mod. 444(11-14 Quaglieri-NY)
 4911 0412 R. Zambia(t):Unid; OM tlk, Afro mx/chants, more OM tlk. 333(10-13 Orr-FL)

UNIDENTIFIED

3331 0340 UNID: FF; numerous rock vocals (Steely Dan, Men at Work, etc.) to 0402 OM anmts in FF, onto lcl mx; deteriorating rapidly after 0400. 333 to 222(10-12 D'Angelo-PA).[If this isn't Comoros I'll eat my typewriter ribbon; I hear the carrier more & more lately & expect condx to allow reception on ECNA in December. Use your filters & listen!-ed.]

.....
 Last month, in one of my offhanded remarks about R. Truth (see SOUTH AFRICA on p.46) I mentioned I'd heard it was located in Zambia. Here's what MIKE HARRIS-OH sez about that: "The xmtr is in fact in RSA. Ny cousin who lives in Zimbabwe has DF'ed it in the general "military" zone that the RSA-DF has set up in various areas. It's quite an interesting station, anti-Zimbabwean government though, and fits in the propaganda very well." Thanks for the clarification, Mike. I've noted this station on 5015 w/bird IS to s/on *0430, and a YL EE ancr, but not at very good levels and next to a killer UTE. The only DF'ing my cousins know are the directions to my refrigerator.

I'm always at a loss to explain the motivations behind erratic shortwave skeds of many African broadcasters, but I assume that technical and political problems make up most of the answer. In any case, let's hope the powers that be fire up some xmtrs for our Christmas present this year...all kinds of extra hours, special programs, etc., pop up at this time of year, and perhaps we'll be able to hear activity from Congo, Sao Tome, Sierra Leone, Uganda, and Nigeria's 49-and 60-mb outlets (which haven't popped up hear in quite a while).

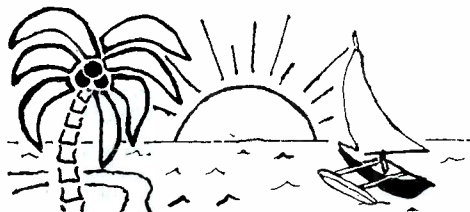
Since I have the space & the info, here's the VOA Monrovia sked D-85. Power is 250 kw unless otherwise noted (UN is a UN Radio broadcast)(not all in EE):

6035	0300-0800	9690	2300-2400	15315	1830-2230	Thanks to all our wonderful contributors, & I hope that all of you and all our readers have a safe, happy, & peaceful holiday season, & also that 1986 is a banner DX year for all.
6045	1900-2300	9715	0000-0015 UN	15320	1600-1830	
6180	0430-0700	9750	0815-0845 50kw	15445	1800-2300	
6185	0200-0300 UN	11710	0815-0845	15600	1600-2300?	
7135	1830-2230 50kw	11715	1730-1830	17705	1630-2230	
7175	0815-0845	11720	0300-0400	17740	1600-1630	
7195	1700-2300 50kw	11760	1600-1630	17780	0815-0845	
7265	0430-0700	11805	0200-0300 UN	17860	0800-0845 UN	
7280	0300-0800	11835	0300-0430	17870	1600-2300	
9540	0500-0800	11840	0700-0800	21485	1600-1730	
9550	0300-0500	11850	0430-0700	21500	0715-0745 50kw	
9605	1830-1900 15kw	11915	0600-0800 50kw	15600 not listed in sked, & I'm not sure about s/off time.		
"	1900-2230	15235	0000-0015			
9620	1900-2300 15kw	"	0815-0845			

ASIA-OCEANIA

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DuBois, PA 15801



DEADLINE: 12th of each month
FREQUENCIES IN KILOHERTZ
TIMES ARE IN GMT
0000=sign on 0000=sign off

The holiday season is a time for giving thanks and counting our blessings. I thank everyone who has contributed to A/O in 1985. I have been blessed with thousands of loggings (though I didn't actually count them!) and look forward to the same wonderful support in 1986. Special thanks are due to the following seven members who contributed to all 12 columns this year. Many thanks guys (you too Peggy!); you kept A/O going, even thru the lean DX months.

JASON BERRI-CA FRANK BINGHAM-MA PETER DILLON-MD BRYAN SHARPE-CA ED SOOMRE-MA
PEGGY THOMPSON-CA RON TROTTO-FL

My gift to all members this year is a column full of great loggings as well as a larger than usual amount of DX news. So curl up in front of the fireplace (or better yet, in front of your radio) and ENJOY!

BANGLADESH

R. Bangladesh

- 4892.8v 1617 RB: BENGALI: Domestic svc of good lcl mx & tlk by 2 OMs; also hrd on 693 kHz MW (exc 10/16 Miyauchi-JP)
15525 1230 RB: EE: IS, ID by YL as "Overseas svc of R. Bangladesh"; wld nx by OM; CW QRM de 15527; 1240 f/out (322 10/28 Soomre-MA)
15625 0800 RB: EE: to Europe w/"Voice of Islam" incl nx, cmty, Islamic mx & tlk; // 17670 (444 10/20 Romanin-ITALY)
17645 1230 RB: EE: nx, tlk cmty; // 15525 (444 10/20 Romanin-ITALY)
17670 0800 RB: EE: Qur'an recitation w/EE translation (242 10/14 Kaessinger-FRG)

BURMA

Burma Bcast Svc

- 4725 1425 BBS: BURMESE DIALECT: YL tlk; C&W type mx; OM tlk @ 1428 in different dialect; 1445*; surprisingly little QRN (fr 10/22 Palmer-WA) sound of Jingle Bells; ID as in WRTH & 1445* (333 10/29 Stone-WA) and I thought only Americans started promoting Christmas this early!..ed

CHINA (PEOPLE'S REPUBLIC)

R. Beijing

- 3200 1316 FFS-1 Fuzhou: CC: EE tunes incl "Daddy's Gone" & "Moon River"; story telling pgm w/nice CC mx; strong for listed 10kW (10/19 Kusalik-ALB)
4045 1301 FFS-1: AMOY(?): 2 OMs in low-key tlk; occ CC opera mx; sig weak and fluttery (10/21 Palmer-WA) Yes I realize that Fujian Front stns are now known as "Haixia" but I'll still refer to them as "FFS" as I'm slow to change. I still refuse to use UTC in place of good old GMT. Perhaps I should go back to using "Peking"-Hi!..ed
4330 1115 FFS-1: CC: YL tlk; CC mx; disc. by YL & OM (322 10/20 Prath-FL)
4380 1320 FFS-2: AMOY(?): Taiwan Svc of CC folk mx; low QRN (fr 10/21 Palmer-WA)
4760 1335 Yunnan PBS: CC: OM tlk w/ment of "Hainan" & "Hailan"(343 10/20 Sharpe-CA)
4785 2137 Zhejiang 1-Hangzhou: CC: CC mx & chanting (434 10/23 Bishop-NY)
4915 1502 Guangxi 1-Nanning: CC: lcl nx by OM & YL; CC opera; only readable ID was CPBS ID "Zhongyang renmin guangbo diantai" (232 11/2 Sharpe-CA) @ 1508 CC: CC folk mx w/YL ancr; RITTY QRM (weak 10/21 Palmer-WA)
4925 0717 Heilongjiang PBS-Harbin: CC: full ID by YL; play abt a school incl a few EE words (222 10/27 Sharpe-CA)
5075 1532 CPBS-2 Xian (acc. to RDI): CC: CC folk mx; not //5880 nor 5860; weak w/ Ute QRM (10/16 Palmer-WA)
5145 1140 RB: MONGOLIAN (listed): YL w/pgm of CC cl mx; ID @ 1151; QRN & // to stronger 5850 (pr 11/11 Thunberg-PA)
5509t 1252 UNID Chinese regional: CC: YL tlks, CC instl mx; TPs & tent ID @ 1300; not in WRTH (433 10/15 Berri-CA) DSWCI TBS lists V. of the Strait on 5508 (site is Fuzhou)-also known as FFS-2...ed

5860 1525 CPBS Beijing: CC: CC opera; severe QSB; //5880 (weak 10/16 Palmer-WA)
5880 1432 CPBS Beijing: CC/EE: YL w/EE lesson; ID @ 1500, nx; CW QRM(Palmer-WA)
6015 1034 CPBS Beijing: CC: Taiwan Svc of vcl & instl mx; nx(?) by YL @ 1100; QRM
de R. Nederland on 6020 (232 10/20 Welch-MA)
6120 1112 Xinjiang PBS: CC: YL w/amnt; CC vcls; QRM & 1124 f/out(232 10/20 Welch-
6160 *1259 RB: RR: IS, 1300 s/on then badly jammed within 7 sec.; ancrs school-
trained in RR (10/17 Palmer-WA)
6665 1101 CPBS 1: CC: OM & YL tlk; // 6750 (252 11/7 Orr-FL) FL
6790 1035 CPBS Beijing: CC: Taiwan Svc of tlk & CC mx; TPs @ 1100 (353 11/7 Orr-
7375 *2200 RB: SS: IS, ID by YL as "Aqui R. Pekin" into nx (353 10/13 Orr-FL)
7590 1400 RB: CC(?): IS, ID, tlk in unk. CC dialect (323 10/31 Berri-CA)
9440 0000 V. of Dem. Kampuchea (via R. Beijing): UNID: YL tlk w/lcl mx (333 11/1
Zilmer-NM)
11040 0015 CPBS 2: CC: YL ancr w/vcl mx (232 10/25 Levison-PA) MA
11600 1230 RB: EE: "China Scrapbook"; pgm of trad CC mx; 1256* (343 10/12 Bingham-
11790 1930 RB: EE: ID into world nx (gd 10/12 Sheedy-CA)
11860 1203 RB: EE: wld nx,pgm of CC folk tales (343 10/12 Bingham-MA) (Welch-MA)
11970 0315 RB: EE: wld nx & cmty; co-channel QRM (444 10/20 Miller-CA) @ 0013 EE:
cmty on world peace (444 10/11 Levison-PA)
15100 0030 RB: SS: cmty on success of a Chinese film (444 10/10 Grosvenor-CA) @
2339 SS: OM played song abt Yangtze River (gd 10/15 Palmer-WA)
15180 2345 RB: SS: pgm to 2356, usual 4 min break then same SS pgm; becoming weak
as greyline approached (10/17-18 Palmer-WA)
15385 0025 RB: EE: "Across the Land" incl tlks on birth control & China University
by TV; // 15520 (433 10/21 Zirkelbach-CA) (242 10/28 Berkholtz-MN)
15520 0000 RB: EE: 40th anniv. of UN noted; ancd freq change effective 7 Nov: 15385,
15520 dropped at 0000 in favor of 11685, 9820.(433 10/24 Harnish-IN)
(Palmer-WA) (Denton-KY)(Abbinante-IL)(Brown-IL)(Levison-PA)

R. Beijing: now sked at 1200 on 9820 & 9640; still on unlisted 9730 @ 1300. (SWLD, 11/11)

CYPRUS

BBC Relay; Cyprus Bcast Corp

6010 0445 BBC: EE: Big Ben; "Orchestra Reflections" (333 11/4 Brown-IL)
6030 2210 CBC: GK: IS, *2215 w/amnts by OM; this pgm on Fri, Sat, Sun; hvy QRM de
VOA (322 10/11 Welch-MA)
6120 1907 BBC: AA: OM tlk; AA vcls @ 1914 (353 10/20 Welch-MA)

INDIA

All India Radio

FRG)

9912 2310 AIR Aligarh: EE: cmty on world economy; Indian mx (232 10/14 Kaessinger-
11620 1948 AIR Aligarh: EE: tlk abt Pakistan; ME nx; ID @ 2000 (333 10/29 Stone-WA)
@ 1822 EE: film critics mx (343 10/27 De Cassan-AUSTRIA)

Vividh Bharati (Commercial Svc) sked: 9525 at 0125-0400; 7260 at 0130-0300; 9750 at 0630-
1100; 11830 at 0830-1015 & 1030-1200; 7235 at 1245-1741; 9615 at 1300-1445.(BBCMS,SWLD)

INDONESIA

Radio Republik Indonesia

3394.9 1642 RRI Tanjungkarang: IN: ID by YL as "RRI stasiun T-Karang"; full-length
version of "Love Ambon"-very enjoyed; 1659* (444 10/12 Miyauchi-JP)
Bryan Sharpe kindly sent me a tape of Indonesian & Malaysian mx that
included a version of "Love Ambon". It is a very enchanting song..RBT
4719.3M 1351 RRI Ujung Pandang: IN: YL ancr w/Indo pop mx; QRM de USN fax stn on 4719
(believed WCNA QTH) (10/21 Palmer-WA) tent at 1230 IN: nice variety of
lite mx; no ID hrd (222 10/27 Prath-FL)
4775 1258 RRI Jakarta: IN: YL tlk, IS, TPs, OM w/ID @ 1300 (433 10/17 Berri-CA) WA
4845.3M 1445 RRI Ambon: IN: ID "RRI di Ambon"; "Love Ambon"; amnts & 1500*(fr Palmer-
5257 1540 RRI Sibolga (listed): IN: OM tlk; Indo pops; ID @ 1600 only as "RRI"-no
site given (333 10/30 Carlson-WA)
6127.5 0840 RRI Nabire: IN: YL w/ID; pop mx (more Pacific style than Indo); drums @
0900 into Qur'an, then AA mx (343 10/13 Miyauchi-JP)
11865 1535 RRI Jakarta: IN: YL w/listener's requests of lagu lagu popular; OM w/
bcast info; "Song of the Coconut Islands" (323 11/1 Sharpe-CA)

RRI Tanjungkarang, 3395 also hrd at 2144-2300+ by Bob Hill-MA. (SWLD, 11/11)

RRI Jakarta hrd on 9680 around 1300. (Noel Green, RDI via SWLD 11/4)

IRAN

V. of the Islamic Rep. of Iran

9022 1945 VOIRI: EE: tlk on Soviet Army in Afghanistan (222 10/16 Bingham-MA) @
2005 EE: tlk distorting role played by US in rescuing captives of Italian
cruise ship; rev. mx (434 10/12 Hunt-NC)
15084 1350 VOIRI: FARSI: Qur'an w/crowd noise; no jamming (243 10/29 Abbinante-IL)
Islamic mx w/OM tlk (252 11/2 Weikel-MI)

No new receiver for me this Christmas-darn! Maybe an antenna tuner though.

IRAQ R. Baghdad; Sawt ul Jamaheer
 9610 2129 RB: EE: martial mx; ID, sked; AA instl mx (333 11/1 Bingham-MA)
 11770 2000 SuJ: EE: clock chime, OM w/nx, pgm of AA vcl mx; QRM de V. of Nigeria
 (332 10/7 Welch-MA) are you sure it was EE?...ed
 13700 1845 SuJ: AA: AA orch mx; TPs @ 1900, ID, ME nx; //9635 (242 10/14 Dillon-MD)
 15195 1715 RB: AA: AA mx; OM tkl (333 10/20 Ruhe-PA)

Sawt ul Jamaheer (V. of the Masses) bcasts the anti Khadafi pgm "Libya Corner" at 1905-2000 on 17770 & 7290; repeated at 0900 On 11750. (BBCMS via SWLD 11/11)

ISRAEL Kol Israel
 5900 2000 KI: EE: nx of attack on radio station V. of Hope-Lebanon (323 10/15 Brown-IL) tkl on death penalty for terrorists (444 10/15 Bingham-MA) hrd at 0225* (454 10/17 White-MS)
 7410 0105 KI: EE: nx of trial of Jewish dissident in Gorky, USSR (444 10/22 Coleman-MA) "Studio 3" on audio sculpture; 0125* (544 10/18 Gerstner-NY) (Bingham-MA) @ 0022 EE: tkl on Christ's baptism site (444 Berr-CA)
 7412 *0058 KI: EE: nx, cmtly on Israel & US; 0125* (454 10/20 Thompson-NM) MidEast nx (242 10/18 Abbinante-IL)
 9009 0500 KI: EE: lcl TC, nx, tkl of teacher strike (333 10/24 Bingham-MA)
 9435 0010 KI: EE: "Face to Face" on state run religious schools (gd 10/17 Beaver-IL) (Ruhe-PA)(Brown-IL)(Bingham-MA) @ 2230 EE:"Israeli Mosaic"; "DX Corner" (555 10/13 Kaessinger-FRG) (White-FL) (Berkholtz-MN)(Heinen-CO) @ 2210 FF (433 10/18 Miller-CA) @ 2324 HH; //7410 (10/25 Shamblin-AR)
 9815 *0000 KI: EE: nx on hijacking of Achille Lauro (222 10/17 Aldrich-IA) nx of Jewish World; "TGIF" (333 10/26 Bingham-MA) nx of PLO (322 Bishop-NY)
 11585 1800 KI: EE: ME nx; spts report (343 10/8 Bingham-MA) nx, wx (Zilmer-NM) @ 2026 HH: ID; tkl on "Vad Yeshem" (Israel Holocaust Memorial); //13723 (333 10/12 Hevern-NY)
 11605 2003 KI: EE: "Spotlite"-pgm on PLO (454 10/12 Bingham-MA) (555 10/9 Hunt-NC)
 11655 2019 KI: EE: intvw w/Genl Etan on terrorists (242 10/12 Hevern-NY)(Bingham-MA)
 13720 1800 KI: EE: hashish smugglers arrested; spts, wx (343 10/19 Bingham-MA)
 15425 1135 KI: FF: wld nx, wx, intvw; 1200* (232 10/13 Dillon-MD)
 15560 1102 KI: EE: NX, "This Land" travel pgm (454 10/8 Bingham-MA)
 17630 1300 KI: HH: wld & Israeli nx (333 10/11 White-FL) (Denton-KY) @ 1104 EE: nx, wx, "TGIF"; ad for mustard & seasonings (454 10/25 Bingham-MA) @ 0500 EE: IS, nx-Home Svc Relay (353 10/19 Miyauchi-JP)

JAPAN Nihon SW Bcast; R. Japan WA
 6055 1625 NSB: JJ: YL tkl; QRM de R. Australia, 6060; // better 9595 (10/24 Palmer-9505 1645 RJ: JJ: Genl Svc to Americas w/poss. lang lesson; into EE @ 1700; very strong sig w/slight jamming in background (10/24 Palmer-WA) jamming prob. against co-channel RFE....ed
 9605 1300 RJ: EE: nx, cmtly, "Asian Business Trends"; //9505 (333 10/24 Zilmer-NM)
 9645 1803 RJ: EE: tkl abt Japanese markets (433 10/28 Stone-WA) @ 1728 SWAHLI: ID by OM, nx, cmtly; hrd //11840 under R. Moscow-Cuba!(gd Palmer-WA)
 9675 *2100 RJ: EE: Genl Overseas Svc; //9605 (fr 10/15 Sheedy-CA)
 15300 0030 RJ: EE: tkl on Japan/US economy (434 10/4 Bishop-NY) @ 0107 EE: OM w/ nx; deep fades & hvy geo noise (10/14 Palmer-WA)
 15420 2245 RJ: JJ/EE: GOS to Americas; JJ feature pgms; TPs @ 2300 into EE nx; my 1st clear reception of RJ since hearing them on 9505 in May 1984 during a solar eclipse! (fr-gd 11/12 Thunberg-PA) @ 0120 EE: "Tokyo Pop-In" w/ beautiful Japanese ballad; QRM de Moscow, 15425 (433 Femyer-AZ)
 17755 2302 RJ: EE: "Current Affairs"; "Japan Today" (243 10/22 Gerstner-NY)
 21550 1520 RJ reported here is via their Gabon relay...ed

R. Japan new sked to Nam: 0015-0115 on 9645; 0200-0300 on 9645 & 15195. (Bob Bodell, SWLD 11/4) Poor choice, at least for ECNA, w/VOA-Greenville on 9650...ed

R. Japan EE sked to Europe: 0630-0800 on 11955. GOS to Americas in JJ/EE: 2200-0330 on 15420; 0400-0600 on 9735; 0600-1830 on 5990. (SCDX 11/12)

KAMPUCHEA V. of the People of Kampuchea NM
 11938 1205 VOPK: FF/THAI/LAO/VV: tlks, instl mx, TPs, ID; 1315* (444 11/3 Thompson-

KOREA (DEM. PEOPLE'S REP) R. Pyongyang
 4557 1400 V. of the Nation Saving: EE: IS, ID, sked, nx (222 10/22 Zilmer-NM) this is the new name for ex-V. of Rev. Party for Reunification, which reportedly xmits from Haeju N. Korea w/this sked: KK at 0300-0400, 1000-1400, 1500-1700, 2000-2200 & in EE 1400-1430, all on 4557. (BBCMS via SWLD 11/11)
 9750 1110 RP: EE: nx; political goals discussed (544 10/19 Kustra-AZ)
 9977 1126 RP: EE: editorial on electronics and industry (434 10-28 Lewkowicz-MA)

KOREA (REPUBLIC OF) R. Korea
 7550 *1545 RK: II: cmtly, nx, mx; QSB & RTTY QRM (433 10/19 Romanin-ITALY) (333 10/24 Grosvenor-CA) @ 1638 AA: OM w/wld nx; KK/AA lang lesson; cmtly on Korean/Taiwan relations (242+ 10/28 Sharpe-CA) CA)
 9570 1405 RK: EE: nx, KK mx; "Bridge of Friendship"; NHK QRM (544 10/19 Miller-9750 *1400 RK: EE: wld & lcl nx; nx cmtly; "Seoul Calling"; KK lang lesson; //15575 (554 to 242 10/10 Neuverth-CO) KK pop mx (544 Miller-CA)
 15575 2324 RK: EE: Olympic cmtly (555 Levison-PA) @ *0200 (10/10 Bishop-NY)

KUWAIT R. Kuwait
 9840 2045 RK: AA: AA mx, intvw, ID & nx @ 2100; song by Umm-Kulthum(343 10/10 Dil-9880 0513 RK: AA: NX, temps, ID & anthemic mx (252 10/11 Orr-FL) lon-MD)
 11675 1845 RK: EE: daily account of British Capt. around Arabian coast (333 10/27 De Cassan-AUSTRIA) 2100* (544 10/12 Hunt-NC) Motown mx (Bingham-MA)
 15495 1530 RK: AA: ME mx pgm w/YL ancr; 1600 f/out (3+ 10/24 Witte-CA)
 15505 1345 RK: AA: 2 OMs w/wld nx cmtly; radio drama; ID by YL @ 1358 into Qur'an recitation (343 10/28 Abbinante-IL)

LEBANON V. of Hope; R. Voice of Lebanon
 6215 2034 VOH: EE: relg pgm; 2055 ID as "pgm brought to you by XTN Bcasting Network"; faint w/QRM; hrd couple of days before bombing-guess I won't hear them for a while (not necessarily-see note below..ed) (10/12 Hevern-NY)
 6550 0418 RYOL: AA: YL w/nx; vy poor signal (252 11/2 Welch-MA)

V. of Hope: acc. to Paul Hunter, engineer for High Adventure Bcasting Network of CA, who operate VOH, damage was high as a result of bombing but they plan on continuing and were to add the new freq of 6280 on 1 Nov. One problem though-BBCOM reports 6280 sked as 1300-1600,(certainly not conducive to NAM DXers..ed). (SWLD 10/21 & 11/11)

Radio V. of Lebanon: now s/on one hr earlier, at 0310 on 6550. (SHORTWAVE GUIDE 11/85)

MALAYSIA (EASTERN) RTV Malaysia
 4834.9M 1437 RTM-Kuching: MALAY: Yellow Network-YL w/anmts, ads(?); dreamy SE Asian love songs; fluttery w/QRM (weak 10/21 Palmer-WA)
 4950 1428 RTM Kuching: EE: lcl nx; econ rpt-World Bank, inflation rate etc (344 10/29 Marvin-CA) (333 10/21 Zirkelbach-CA) @ 1530 EE: theme song of film "Vision Quest" (filmed here in Spokane) (333 11/1 Stone-WA) @ 1255 CC: OM tlks, vcl & instl mx (454 10/29 Thompson-NM)
 5030 1232 RTM-Kuching: BIDAYUH (listed tho sounded like MALAY to me); OM & YL tlks, no mx hrd (weak 10/21 Palmer-WA) @ 1450 BIDAYUH (listed): C&W and some indigenous mx; s/off w/NA @ 1500 (433 11/2 Sharpe-CA)

MALAYSIA (PENINSULAR)
 9665 0921 RTM Kuala Lumpur: EE: US pop mx w/ads; // 7295 (343 10/17 Miyauchi-JP)

MONGOLIA: Mongolian regionals sked 2200-1600 w/5 or 12 kW of power: 4830-Altai, 4895-Murun, 4750-Ulgii, 4995-Choybalsan, 4865-Sainshand, 4868-Ulaangom, 3960-Dalanzadgad. (Peter Bunn, R. Australia's JJ DX Pgm via SWLD 10/21)

R. Ulan Bator sked in EE daily exc Sunday 1200-1235 on 15450 // 12015. (Douglas ?, SCDX 11/5)

R. Moscow Wld Svc on 15170 before 0500 & after 0600 is believed via Ulan Bator relay. (Oile Alm-SWEDEN, SWLD 10/21)

OMAN R. Oman
 6085t 0520 RO: AA: pgm of AA vcls; anmts @ 0532 by OM into pgm of EZL mx; QRM de co-channel V. of Germany (222 11/2 Welch-MA)

PAKISTAN R. Pakistan
 9465 1705 RP: EE: wld nx, ID; UN cmtly; vcl mx (343 10/28 Carlson-WA)
 17660 1440 RP: UNID: lcl mx; slight buzz on freq (444 Levison-PA)

PHILIPPINES VOA Relay; V. of Philippines; R. Veritas Asia; FEBC
 6110 1645 VOA: EE: science pgm in "special EE" (fr 10/21 Palmer-WA) @ 1116 EE: tlk cancer & AIDS (343 10/27 Welch-MA)
 9570 1510 RVA: EE: relg pgm w/mx; "Women of Asia" pgm (544 10/19 Miller-CA)
 9578 0815 VOP (Maharlika Bcast System): EE: mailbag pgm; ID by OM; "Let's Speak Pilipino" (444 10/24 Shimada-JP)
 9595nf 1500 RVA: EE: ex-9570 from 10/23; church nx by Rene Noda; QRM de lcl NSB & unknown AA Qur'an stn (222 10/23 Miyauchi-JP)
 9660 1355 VOA: EE/CC: tlk abt US colleges; into CC @ 1400 (354 10/19 Miller-CA)
 9670 1540 FEBC: EE: relg mx & Bible readings; ID, sked & 1559* (444 10/20 Zirkelbach-CA) (Zilmer-NM)
 9672 1455 FEBC: EE: "Words of Faith" pgm; ID as "FEBC, R. International, Philippines" (444 10/14 Carlson-WA)

9695 1355 RVA: EE/TAMIL: EE ID, IS into TAMIL @ 1400 (333 10/24 Zilmer-NM)
 9730 1456 VOA: IN: OM & YL w/final anmts-Manila ment. 4 times! & 1500*; only audible after Beijing leaves freq (pr 10/18 Palmer-WA)
 11715 1218 VOA: EE: "Focus"; nx in "special EE", orch mx (454 11/1 Thompson-NM) @ 1407 EE: tlk abt space shuttle; "VOA Jazz Hour" (222 10/31 Bingham-MA)
 15155 2345 VOA: KK: OM & YL w/disc. on world affairs; woodpecker (10/15 Palmer-WA)
 15330 1640 VOA: EE: "Music Portfolio"; tlk on Flintstones cartoon (ABBA-DABBA-DOO!) (343 Miller-CA)
 15350 *0700 FBEC: EE: IS, ID; "Hobby Of Kings"; wld & Asian nx @ 0730; "Guidelines for Family Living" (454 10/24 Shimada-JP)
 17830 1820 VOA: AMHARIC: Afro Svc of pop mx w/OM ancr; QSB (10/15 Palmer-WA)
FBEC D85 EE sked: 1500-1600 on 9550; 0700-1000 on 11890, 15350, 21515; 2300-2400 on 15445; 0000-0300 on 21515. (Don Rhodes ADXN via FRENDX LISTENER'S NOTEBOOK) FBEC EE domestic pgm at 0915 on 9645, not // ext svc on 11890, 15350. (Craig Seger ADXN via SWLD)

SAUDI ARABIA Bcasting Svc of the Kingdom of Saudi Arabia
 11730 1445 BSKSA: AA: ME mx; TPs & ID by YL, brief nx; het (fr 10/24 Witte-CA)
 15060 1120 BSKSA: AA: AA mx, tlk, Qur'an; lots of QRN (232 10/23 Abbinante-IL)
BSKSA: 9705nf in EE, 1830-2100*. (Bob Padula, ADXN via SWLD 10/28)

SINGAPORE Singapore Bcast Corp; BBC Relay
 5010 1600 SBC-Radio 1: EE: nx, wx, ID, anthem & 1605* (232 10/18 Carlson-WA)
 5053 1500 SBC: EE: nx, econ tlk; ID, pop mx; CW QRM (322 10/11 Zirkelbach-CA)
 7180 1614 BBC: URDU/TAMIL: URDU thru 1614; EE amt that TAMIL pgm next; nx @ 1615 to India, TAMIL sked M-F only (gd 10/16 Palmer-WA)
 9740 1200 BBC: EE: nx, orch mx; "24 Hours" (454 10/25 Thompson-NM)
 11750 1500 BBC: EE: nx, "Development 85" feature (444 10/14 Sharpe-CA)
 11940 1520 SBC: EE: US pop mx, TC, wx; nx @ 1600 by soft-voiced YL (433 10/18 Zirkelbach-CA) pop mx, nx & wx before 1605* (343 10/30 Marvin-CA)

SRI LANKA Sri Lanka Bcast Corp; VOA Relay; Deutsche Welle Relay
 4040.5 1720 SLBC: EE: EZL mx; ID @ 1730 & "This xmsn is now off the air"; s/off w/ choral mx (343 10/12 Miyauchi-JP)
 6185 2131 DW: EE: "Sports Magazine"; mx; ID sked & Far East mailing addr, 2150* (432 10/10 Gerstner-NY) Claude Stephenson reported on SCDX 10/22 that DW has ceased xmsns from Sri Lanka-can anyone confirm this? I could not hear them on 6185 at 2130, 11/14...ed
 9645 1330 VOA: EE: "Magazine Show"; nx @ 1400; QRM de co-channel Vatican Radio (343 10/23 Shimada-JP)
 9720 1345 SLBC: EE: "Music USA" pgm (323 10/31 Heinen-CO)

SLBC is sponsoring a competition to change its station name & logo-listener's suggestions are requested. (How about Ceylon Bcast Corp?!..ed)

SYRIA R. Damascus
 9950t 0522 RD: AA: AA mx; OM & YL tlk; no ID but here acc. to RDI (252 10/20 Orr-FL)
 12085 2005 RD: EE: nx, press review, variety of mx (232 10/19 Hevern-NY)(White-MS) (Fisher-NM)(Hunt-NC)(Coleman-MA)(Bair-CA)(Abbinante-IL)(Bingham-MA) @ 1706 AA: speech abt Arab-Israeli conflict; ID "Min Dimashq" (343 10/26 Dillon-MD) @ 1952 FF: AA mx, ID (gd 10/13 Palmer-WA)

TAIWAN Central Bcast System; WYFR Relay; V. of Free China
 9630 1610 CBS (per WRTH): CC: YL ancr w/good CC mx (334 Miller-CA)
 9845 1404 WYFR: CC: OM tlk; relig mx; WYFR IS (222 10/25 Berri-CA)
 11745 2145 VOFC: JJ/MANDARIN: pop mx, JJ ID into MANDARIN w/clear ID @ 2200 (444 10/18 Miller-CA)
 15090 2205 WYFR: EE: "Open Forum"; "Insight"; 2258* (454 10/23 Shimada-JP)
Bcast Corp of China-Taiwan: 5th Network hrd on 3335, 2146-2200*. (Bob Hill-MA, SWLD 11/11)

TURKEY V. of Turkey
 5995t 0458 VOT: TURKISH: AA-type mx; poss. ID by YL @ 0500 then nx; QRM de 6000-VOA inaudible (332 10/18 Trotto-FL)
 7215 2101 VOT: EE: rpt that US planes violated air space (322 10/22 Bingham-MA)
 9560 2336 VOT: EE: "Turkey Step by Step" (344 10/25 Shamblin-AR) Turkish mx (Ruhe-PA)(Brown-IL) nx of unrest btwn Greece & Turkey (Hunt-NC)(Abbinante-IL) (Bingham-MA)(Aldrich-IA)(Gerstner-NY)(Palmer-WA)
 15520 1620 VOT: TURKISH: Turk. mx; drama pgm w/hyper tlk (232 11/8 Abbinante-IL) @ 1745 w/Turkish mx (555 10/20 Ruhe-PA)

Get a load of the number of USSR loggings on the next page! One warning: the Soviet xmtr sites may not be accurate but I do the best I can with the resources available...RBT

USSR (ASIAN) R. Moscow World Service

4040 1251 R. Mayak-Vladivostok: RR: lt cl & pop mx to 1300 ID, nx (weak 10/21 Palmer-WA)

4485 1430 Petropavlovsk-Kamchatskiy ARSFSR: RR: Moldavian Rep. Pgm w/correspondents reports, Moldavian mx (544 10/17 Sharpe-CA) R. Orbita (MIRO-1) pgm of poetry, RR cl mx (gd 10/21 Palmer-WA) @ 0820 (Heinen-CO)

4610 1345 Khabarovsk ARSFSR: RR: Khabarovskoe R.(name used when not relaying Moscow pgms), mx w/OM ancr-believed to be lcl pgm as no //s found (vy weak 10/21 Palmer-WA)

5015 0733 Vladivostok ARSFSR: RR: MIRO-2 pgm of RR balalaika mx (10/21 Palmer-5920 1628 UNID Asian site (Khabarovsk acc to RDI..ed): EE: RMWS-YL w/tlk on RR theatre (fr 10/22 Palmer-WA)

5950 1514 RMWS via UNID Asian site: EE: tlk on discussing one's views publically in USSR & US; mx recorded at Youth Festival; //5900 (454 11/9 Femyer-AZ) "News and Views" on apartheid; site prob. Petro-Kam (Palmer-WA)

5980 1733 RMWS-Petropavlovsk-Kamchatskiy(?): tlk abt apartment houses; sig quality indicates P-K site (gd 10/22 Palmer-WA) EE lang

5985 1205 R. Tashkent-Uzbek SSR: EE: tlk on rights of Soviet citizens (333 10/20 Prath-FL) @ 1345 EE: intvw w/Viet student; 1400* (322 10/21 Carlson-WA)

6020 2154 RMWS-Khabarovsk ARSFSR (acc to RDI): EE: pgm of show tunes; QRM de R. Nederland (fr 11/4 Thunberg-PA)

6165 1600 RMWS via UNID site (Vladivostok per RDI..ed): CC: IDs, nx & t1k; // 6145 (333 10/16 Sharpe-CA)

7260 0548 RMWS-Yuzhno Sakhalinsk ARSFSR (per UHN): EE: "Listener's History Club" on Oct 1917 Rev. (434 10/26 Sharpe-CA)

7290 0710 RMWS-Vladivostok (UHN): EE: "Moscow Mailbag"; opera mx(444 11/4 Sharpe-7320 0432 Magadan ARSFSR: RR: MIRO-1 pgm w/long tlk incl ments of "Gorbachev" & "Ukraine"; hvy QSB (strong 10/28 Palmer-WA)

7330 1405 RMWS via UNID site (Khabarovsk per RDI..ed): CC: Moscow nx w/ment of "Beijing" (545 10/31 Berri-CA)

9510nf 1735 RMWS via UNID Asian site: EE: "Roundabout the Soviet Union"; new freq for S-85 (fr 10/21 Palmer-WA) CA)

9580 0445 RMWS-Blagoveschenk ARSFSR: EE: "Science & Engineering"(433 10/23 Sharpe-9905USB 1815 MIRO-1 Vladivostok (feeder to Petro-Kam): RR: cl mx (10/28 Palmer-WA)

11710 2130 RMWS via UNID site: EE: "Audio Book Club" (333 10/20 Sharpe-CA) CA)

11950 0708 RMWS Vladivostok: EE: cmty on US military spending; //9635(11/2 Berri-11990 0125 R. Mayak-Vladivostok: RR: folk mx; nx @ 0130 (gd 10/14 Palmer-WA)

12070 0120 MIRO-1 Khabarovsk: RR: balalaika orch mx (gd 10/14 Palmer-WA)

15425 0345 RMWS Petro.-Kam: EE: "Science & Engineering"; folk mx (434 10/18 Sharpe-CA) @ 0100 EE: theme mx, nx; QRN (fr 10/14 Palmer-WA)

17645 1311 RMWS via Unid FE/Cent Asian site: INDIAN LANGS: tlk w/ment of Gorbachev; RM IS & 1329 ID "R. Moscowaa" (343 10/26 Dillon-MD)

17720 2120 R. Mayak-Vladivostok(?): RR: vcl/guitar mx; Moscow TC (434 Sharpe-CA)

UNITED ARAB EMIRATES V. of UAE; R. Dubai

9900nf 1922 VoUAE-Abu Dhabi: AA: AA mx before live crowd; TPs @ 1929, ID, nx (454 10/14 Orr-FL) per Noel Green, RDI sked here 1800-2130, 11735 @ 1400-1800 & from 0900 on 17820. (SWLD 11/4)

15320 1330 RD: EE: nx, "Mailbag"; into AA @ 1357 (434 10/13 Denton-KY)(434 10/26 Brown-IL) "Zionism Unmasked" (343 11/4 Abbinante-IL) @ 1601 EE: tlk abt fish & chips being popular food in UAE (333 10/12 Bingham-MA)

17775 1334 RD: EE: nx, spts, look at UAE papers (333 10/16 Bingham-MA) "Mailbag" pgm @ 1350 (444 11/2 Prath-FL)

21605 1330 RD: nx of spy scandal in India etc. (444 10/29 White-FL) tlk abt anti-smoking campaign in UAE (Bingham-MA) review UAE press(Kaessinger-FRG)

21695 1251 RD: AA: AA vcl mx (555 10/14 Levison-PA)

VIETNAM V. of Vietnam

4770.3t 1414 Son La: VV: YL reading poss. numbers slowly & distinctly (fr-gd 10/21 Palmer-WA) 1420*

10040 1600 VOV: EE: wld nx incl item on S. Africa; mx (333 10/20 Zirkelbach-CA) @ 1900 EE: report on Pop. planning (10/17 Kaessinger-FRG) tlk on Ho Chi Minh Ministry of Public Health; 1927* (333 10/29 Stone-WA)

V. of Vietnam: hrd at 1310 on 3998//7418.(Wilkins-CO, SCDX 11/5) Also hrd on 5920 // 7418 at 1242. (Sams-KS, SCDX 11/5) EE for Chinese listeners @ 1515-1530 & 1545-1600 on 9840 & 12035. (SWLD 10/21)

YEMEN (PEOPLE'S DEM. REP.) Dem. Yemen Bcast Svc

7190t 0419 DYBS: AA: mx, YL anmts; 0429 TPs & YL w/ment of Aden & Yemen (433 10/13 Orr-FL) 7190nf // 11770, 6005, 5970 as of 3 Oct.(BBCMS, SWLD 11/11) 7190 also hrd in AA @ 1800 & //5970 @ 0330.(Bob Hill-MA, SCDX 11/5)

O C E A N I A /

AUSTRALIA

R. Australia

- 4920 1017 VLM4-Brisbane: EE: cl mx-recordings sounded as if from 40s (353 10/20 Welch-MA)
- 5995 1140 RA: EE: spts, mx (544 10/5 Neff-OH) @ 1507 w/cricket scores; QRM de R. Japan (333 11/9 Femyer-AZ)
- 6035 1900 RA: EE: nx, spts, cmtly on N. Zealand; hrd to 2130 (232 10/17 Welch-MA)
- 6045 *0700 RA: EE: wld nx; "Int'l Report"; // 5995, 11910 (333 10/6 Hevern-NY) @ 0728 w/"Books & Publishing" pgm (432 10/12 Dickerman-PA) @ 1130 w/Roy Acuff mx & tlk of Japan textile imports (444 10/14 Robinson-IN)
- 6060 1340 RA: EE: intvw w/bloke who hiked across Austl desert to raise money for charity (433 10/7 Chickerell-WV)(Thompson-NM)(Palmer-WA)
- 6150 1010 VL R6-Lyndhurst (Melbourne): EE: mx from 30s & 40s; lcl TC, nx (333 10/12 Dillon-MD) ABC nx (Gerstner-NY) 40s & 50s mx (252 Welch-MA)
- 6175 0405 RA: EE: cmtly on S. African problems (444 10/22 Stephenson-CA)
- 7215 *0930 RA: EE: 1st bcst of "Closer to Home", new 30 min weekly mx request pgm (on Mondays) (344 11/4 Dickerman-PA)
- 9580 *0800 RA: EE: Stock report, spts (444 10/6 McKinney-PA) (332 11/1 Leonard-ME) report on S. Africa (Fraser-MA)(Palmer-WA)(Dickerman-PA)(Brown-IL) (Hunt-NC)(Bingham-MA)
- 9610 1300 VLW9-Perth: EE: ID "6WF at 9 o'clock"; mx by singing dogs! (222 10/12 Aldrich-IA) I know I said that these ABC domestic stns bcst a wide variety of mx, but this is ridiculous-Hi!..ed. (443 10/24 Lemke-ALB) ABC nx @ 1020 (Beaver-IN)(Welch-MA)(Levison-PA)(Miller-CA)
- 9660 0604 VLQ9-Brisbane: EE: pop mx; tlk on Austl universities (151 10/24 Orr-FL)
- 9680 1200 VLH9-Lyndhurst: EE: ABC nx, wx, spts; cl mx (322 10/12 Gerstner-NY) @ 1141 w/cl mx; lost to WYFR @ 1152 (10/30 Welch-MA) @0952 (Dillon-MD)
- 9710 1311 RA: JJ: OM tlk to 1318 ID by YL; mx (gd 10/22 Palmer-WA)(Welch-MA)
- 9770 1253 RA: EE: tlk of boomerang competition (555 10/19 Brewer-AR)"Soundabout" @ 1010 (fr 10/18 Beaver-IN)(Dickerman-PA)(Gerstner-NY)
- 11910 0701 RA: EE: nx, "International Report", mx (423 10/14 Kaessinger-FRG)
- 11760 *1000 RA: EE: IS from 0955, ID, nx (333 10/13 White-FL) out of order...ed
- 15160 0250 RA: FF: rock & S. Pacific mx (242 Forsgren-WI) WA).
- 15230 0340 VLH5-Lyndhurst: EE: ABC nx, mx; ID & TC @ 0400 (333 10/22 Carlson-RA); EE: Radio "Bloopers"-hilarious, some would not have been bcst on US stns due to language (10/18 Harnish-IN) @0006 (Berkholtz-MN)

COOK ISLANDS

CIBNC-R. Cook Islands

- 11760t 0538 RCI: POLYNESIAN/EE: island mx; YL tlk in both langs; TCs & ID covered by QRN tho fairly certain this was RCI (232 10/21 Thompson-CA)

GUAM

KTWR

- 9870 1500 KTWR: EE: IS, ID into relg pgm (423 10/13 Aldrich-IA) KTWR sked on 9820 @ 1300 in JJ, then other Asian langs to 1600; on 9870 @ 1100 in CC, then EE @ 1330. (Noel Green-RDI via SWLD 11/4)

MARIANA ISLANDS

KYOI; KFBS

- 9664.9M 1723 KYOI-Saipan: EE/JJ: rock mx; T-shirt ad in both langs (strong 10/28 Palmer-WA)
- 9665 1603 KYOI: EE/JJ: rock mx, ads (222 10/20 Femyer-AZ)(242 10/21 White-MS)
- 9670 1259 KFBS-Saipan: EE: ID; OM & YL w/Bible readings; QRM de SS lang stn (433 10/27 Trotto-FL) WA)
- 9730 1606 KFBS: RR: several canned 15 min pgms; ID @ 1700; strong(10/18 Palmer-)
- 11900 1540 KYOI: EE/JJ: rock mx (343 10/24 Lemke-ALB)
- 15133 2358 KFBS: EE: caught @ s/off-peculiar freq (333 10/18 Stephenson-CA) prob. off.nom. 15125 sked @ this time acc. to RDI...ed
- 15405 0200 KYOI: JJ/EE: usual rock mx, ads (152 10/17 Marvin-CA)

NEW CALEDONIA

R. Noumea

- 3353M 1200 RN: FF: EE pop mx w/OM ancr incl ment of "Hello Noumea" @ 1215; beautiful 30/S9 sig w/some QRM de Ute on 3355 (RTTY); noted on/off till 1300* w/sked & "La Marseillaise" (10/19 Kusalik-ALB) nice one Ed-noted often on this freq...ed

NEW ZEALAND

R. New Zealand Intl

- 6100 1200 RNZI: EE: nx, wx, ID, NA & 1208* (232 10/13 Gerstner-NY) same along w/anmt they would be back @ 1845 on 15150 & 11780; 1217* (Miyuchi-JP)
- 9600 1257 RNZI: EE: intvw w/YL NZ Chief Police Inspector; TPs & lcl nx @ 1300 (fair 11/11 Thunberg-PA)
- 11780 0500 RNZI: EE: TP, ID, nx, pop mx (343 10/19 Goodman-IA)
- 15150 0400 RNZI: EE: TPs, lcl nx, TC, mx (354 10/17 White-MS)

I have received some favorable comments on the DX A/O segment; hope I have enough room on the next page for this month's edition...RBT

PAPUA NEW GUINEA

3205t	1245	<u>R. West Sepik</u> : PD/EE: drama pgm; no ID hrd but signal/lang fits pattern of PNG opening (10/19 Kusalik-ALB)
3235	1235	<u>R. West New Britain</u> : PD: EE pop mx w/OM ancr; strong (10/19 Kusalik-ALB)
3260	1215	<u>R. Madang</u> : PD: tlks, EE pop mx; noted @ 1215 w/strong signal then f/out & back @1310, again strong-I call this effect by ionosphere the "Slump Hole" effect (very descriptive Ed...RBT) (10/19 Kusalik-ALB)
3290	1305	<u>R. Central</u> ?: pop, C&W mx; QRM de CPBS China (10/19 Kusalik-ALB)
3315	1220	<u>R. Manus</u> : PD/EE: C&W mx; anmts in both langs; ID @ 1225; strongest PNG on 90m this morning (10/19 Kusalik-ALB)
3335	1230	<u>R. East Sepik</u> : PD/EE: ID & TC; lcl mx (10/19 Kusalik-ALB)
3385	0915	<u>R. East New Britain</u> : EE: OM w/PNG nx (222 11/5 Stone-WA)
3395	1215	<u>R. Eastern Highlands</u> : EE?: ment of "Bluegrass Pgm"; anmt; rock mx; gd signal but distorted voice-pr mod (10/19 Kusalik-ALB)
4787	1210	<u>NBC Port Moresby</u> : EE: dedication pgm; also here 10/26 but back on 4890 10/28; het de RRI Fakfak (nice QRM!) (10/27 Forsgren-WI) Welcome to the SPEEDY staff OM! RBT
4890	0900	<u>NBC Port Moresby</u> : EE: TC, IS, nx; ID @ 0905; cmtly on PNG affairs; no ment of country name change sked for Sept (333 10/29 Thompson-CA)
9520	0700	<u>NBC Port Moresby</u> : EE: "National Svc NBC" ID; children's pgm; pop mx (423 10/14 Kustra-AZ)

Acc. to NBC PNG, a contract has been let to Japan for installation of 3 50kW xmtrs to be installed at new site of Lea. All will operate on present freqs of 3925, 4890, & 9520. They should be in operation by late 1986. Meanwhile, the NBC is continuing to move stns from 120 to 90m--there are 2 left on 120: R. Enga 2410 + R. Simbu 2376 (likely to move to 3335 in 1986). Thus there will be 19 PNG stns on 90m. Those stns on even numbered freqs are expected to move 5 kHz lower. (SHORTWAVE GUIDE 11/85)

SOCIETY ISLANDS

		<u>R. Tahiti</u>
9748	0610	<u>RT</u> : FF: Polynesian mx; // weaker 11825 (444 10/13 Berri-CA)
9750	0525	<u>RT</u> : FF: OM w/phonerequest pgm of FF pop mx (242 11/5 Orr-FL)
11825	0606	<u>RT</u> : TAHITIAN: island mx (333 10/18 Stephenson-CA)
15170	0216	<u>RT</u> : FF: EE 50s pop mx; off air for 2 min then back w/pop mx (322 10/18 Zirkelbach-CA) @ 0415 TAHITIAN: pop & island mx; ID (11/2 Witte-CA)

SOLOMON ISLANDS

		<u>Solomon Islands Bcast Corp</u>
5020	1218	<u>SIBC</u> : PD/EE: C&W mx (not US sounding); 1300* (fr-gd 10/21 Palmer-WA)

DX A/O Of the many types of antennas used by SWLers, the random length wire and the dipole are two the most popular. Both of these antennas are directional in nature, meaning that they display highest sensitivity to signals arriving broadside to their length. Therefore, many Nam DXers will look at the flat projection map of the world, prevalent on the walls of most monitoring posts, and figure that since most Asian and Pacific countries are West or Southwest of their own QTH, the best way to orient their antennas would be North-South. Such a setup will usually work fine for signals from the Pacific islands and Australia/PNG, but it is not the ideal orientation for signals from Asian countries, including the Asian sub-continent, SE Asia, China and Japan. Why? Well, shortwave signals do not travel on the surface of the earth--they follow the shortest path consistent with their reflections back & forth between the earth and the ionosphere. This route is known as the "great circle route" and is the shortest distance between two points on the earth's surface. "Great Circle" maps can be made for specific locations and your QTH is placed at the center of the map. All directions radiate from this point, and a ruler laid from the center point to any other point on the map automatically traces a great circle route. For instance, a great circle map centered on an ECNA site will reveal that the shortest distance to the Asian continent is not West, but North over the polar region. Due north will be China, SE Asia, as well as western Indonesia. Thus, a random wire or dipole antenna oriented in an East-West direction will work much better for ECNA DXers who wish to hear the regional stns that abound in this area. The same E-W antenna orientation will provide Central Nam DXers with a good path to the Indian subcontinent, whereas a somewhat NE-SW directed antenna would be best for SE Asia, China & Indonesia. An antenna oriented NE-SW will be sensitive to signals from most of the Asian continent for WCNA listeners but a N-S wire would be best for parts of Indonesia and all of Australia & the Pacific.

Hope that I haven't confused you with this DX/AO segment. I had planned on including a small great circle map, but alas--no room. These maps can be found in many Shortwave and Amateur Radio publications.

Just received a copy of the newest SPEEDY publication A GUIDE TO SOVIET RADIO written by Michael Nowicki. Appears to be another excellent reference source available from HQ. More info on this next month (next year--Hi!) MERRY CHRISTMAS Everyone! 73s

日本レポート

Japan Report.

Ralph Famularo, Koike Bunka 1F, Shido Azasuenaga 95, Amagasaki-shi 661
JAPAN

Just returned from 5 days in South Korea. Did some sight-seeing and a little bit of MW DXing. I'm now typing the column from my new QTH in Amagasaki -- living in a very Japanese-style apartment with tatami floors & sliding doors. One drawback -- the floors & walls are very thin & I think the little kid upstairs is learning how to fall (not walk). In any case, let's begin! Reverse order this month.

V I E T N A M

3999 1330 R. Hanoi: VV OM tlk, indigenous mx--Xmitter problems // 10059 (fair 10/13)
6450 1401 R. Hanoi: VV OM tlk, oriental mx, ID (fair, 10/18)
9839 0032 VOVietnam: VV YL/OM tlks about Kampuchea, VV mx, ID, 0055* (fair, 10/18)

S O V I E T U N I O N

4895 2055 Ashkabad Mayak 2 relay: RR sports commentary abruptly cut at 2100 by YL news, lite mx (fair, 10/23)

S I N G A P O R E

6000 1050 Singapore Broadc. Corp.: CC pop vocals, brief classical mx, 1100 OM ID and news (good-fair, 10/20)

P A P U A N E W G U I N E A

3315t 1310 R. Manus: PD/EE? fair signal but tough copy due to QRN & Pyongyang QRM on 3320. U.S. & local rock mx, OM DJ, 1400* Another tent. PNG (10/18)

N E W C A L E D O N I A

3355 1125 R. Noumea: FF DJ w/EE & FF rock mx. Tuned to 3356 and switched to USB to fight off UTE QRM (partially succesful) (fair-poor, 10/18)

M A L A Y S I A

7270 1447 Radio-Television Malaysia, Kuching: Iban (listed) gamelan-style mx, YL song, anthem, 1500* mixing w/ co-channel RRI Jakarta which continued past 1500 (poor-fair, 10/24)

L A O S

4660 1057 Lao National Radio, Houa Phan: Lao organ-like mx until 1100 OM/YL tlks w/mentions of "Lao", continuous local mx & songs. "Houa Phan" IDs heard on 10/20. Audible on various nights but best on 10/19 & 10/20 with fair to good reception.

K O R E A (REPUBLIC)

6480 2250 R. Korea: EE tlk on Korean temples, ID into PP pgm // 7550 (good, 10/22)

K O R E A (DEMOCRATIC PEOPLE'S REPUBLIC)

6576 2115 R. Pyongyang: EE propagandized mx, YL anti-American tlks, 2145* (10/18)

G R E E C E

9905 *1400 Voice of Greece: Greek IS, OM ID and brief mx mixing w/ co-channel Moscow feeder (fair-good, 10/22)

C Y P R U S

7145 2048 BBC: EE "New Inventions", ID, news summary. **Not sure of the QTH but freq. & time of day would indicate Cyprus relay (fair-good, 10/18)

C L A N D E S T I N E

4130 1342 VODemocratic Kampuchea: Cambodian drama w/ YL narrator, choral singing, machine-gun sound-effects, 1355* (fair-good, 10/20)

C H I N A (TAIWAN)

5980 1112 VOAsia: EE reports from the Philippines, Singapore, etc., ID, "inspirational" mx pgm, Korea QRM de 5975 (fair-good, 10/20)

C H I N A (PEOPLE'S REPUBLIC)

2560 1445 Xinjiang PBS: Mongolian? Central-asian-style mx, OM choral singing, 1500 TPs & ID // 4735 (151/152, 10/17)

3970 1308 Nei Menggu PBS: CC lively mx, YL ID, EE lang lesson w/ political overtones, NHK Matsuyama co-channel QRM (fair-good, 10/13)

I've got a little bit of space left. Let me remind you that any SPEEDxers living in or visiting Japan are welcome to send any loggings or information that may be of interest. Until next month, have a good holiday season & take care.

rmf.



535 TO 1610 kHz

MEDIUM waveguide * deadline: 12th

DAVID SHARP, 17602 MEADOWBRIDGE, LUTZ, FLORIDA 33549

- 540 XEWA Mexico/0215/SS/ID, "...LV de America Latina." (333 10-20 White)
- 540 KWMT Dodge IA/0735/Equip. test (ET/TT/MX) past 0800 (10-14 Heinen-CO)
- 575 AFKN Musan Korea Rep/1330/EE/Jazz mx, YL PSA's (fair 11-1 Famularo)
- 610 KRVV Vail CO/2345*/Rock mx thru s/off, ex-1360 (444 10-14 Heinen-CO)
- 640 R Progreso Cuba/0235/SS/SS mx, ID as "R. Progreso." (White-MS) hrd at 0230 w/ID's, jingles, and mx (443 10-8 John Demmitt-PA)
- 640 KFI Los Angeles/1041/Beetles mx, ptly cloudy and 65° (322 10-5 JD-PA)
- 650 CKOM Saskatoon SA/0956/All-night rock mx, ex-1250 (333 10-14 Heinen)
- 655 R El Salvador/0445/SS/SS mx, OM DJ (333 10-20 White-MS) also heard at 0120 w/EZ SS pops, OM DJ (gd 10-7 Ross-ON) @0510 on 11-12 (Sharp-FL)
- 670 WMAQ Chicago/0247/Country mx, ID at 0250 (333 10-20 Darren White -MS)
- 670 KBOI Boise/0345/ID, country mx, Buick ad, in WMAQ null (444 Fisher-NM)
- 680 WPTF Raleigh NC/0041/phone-in talk show, ID (333 10-2 Ken Roberts-FL)
- 700 WLW Cincinnati/Local wx, into sports pgm (444 Roberts) @0255 (White)
- 730 KWQA Worthington MN/1242/Midwest wx, excellent signal (10-31 Heinen)
- 730 XEX Mexico/0310/SS/OM ancr @ sx event, boxing match? (444 10-20 White)
- 740 CBL Toronto/1230/nx abt nursing home violations (454 10-18 Demmitt-PA)
- 750 CJWW Moose Jaw SA/0942/All-night C&W mx show, ex-1370 (10-14 Heinen)
- 760 KSJL San Antonio/1245/Morning show, fair signal (10-31 Wayne Heinen)
- 783 AFKN Pusan Korea Rep/1155/EE/"Rock Revival," AP nx (gd Famularo-Japan)
- 800 PJB Neth Antilles/0350/"TWR" ID, relg pgm (10-20 White-MS; J. Demmitt)
- 800 CKLW Windsor ON/0545/mx by: Kansas, Ray Conniff Singers (Aldrich - IA)
- 810 HJCY Bogota Colombia/0140/SS/ID as "Sutatenza..." (vg 10-7 R. Ross-ON)
- 819 KCBS Wonson DPR Korea/1010/KK/Dogmatic YL, mx//2850 (Famularo in Korea)
- 825 R Paradise St. Kitts/0145/Religious programming (vg 10-7 Robert Ross)
- 828 Beijing 1st Pgm PR China/1503/CC/hrd after NHK s/off (10-26 Famularo)
- 895 unidentified/????/SS?/mx, ads tx, who might this be? (222 Roberts-FL)
- 940 WCPC Houston MS/2320/Gospel mx, ID by OM (10-14 Ross) Nice catch! ds
- 940 XEQ Mexico/0320/SS/lcl mx, ID at 0328, "La Q Mexicana." (433 White)
- 950 WWJ Detroit/1224/Job listings, traffic report, ID's (333 Demmitt-PA)
- 1020 KDKA PITTSburgh/2301-0000/history of bcst on KDKA (433 11-2 Bishop-NY)
- 1050 CFYN Sault Ste Marie ON/0420/rock mx, nx on 1/2 hr (gd 10-12 R. Ross-ON)
- 1110 CKJD Sarnia ON/1250?/TV sked for prime time read (444 11-3 Demmitt-PA)
- 1150 WJYY Chippewa Falls WI/2330/stn jingle, full data s/off (gd Ross-ON)
- 1200 WKOX Framingham MA/0235/ancmt re: crashed radio tower (J. Demmitt-PA)
- 1200 WOAI San Antonio/0345/OM sermon, tx abt sin (444 10-4 J. Demmitt-PA)
- 1200 WAGE Leesburg VA/1660/Fairly gud sig, ex-1290 kHz (Hank Holbrook-MD)
- 1230 WCEM Wildwood NJ/1501/jingle, lcl nx & wx, splash de WCEM (Holbrook)
- 1230 WFAI Fayetteville NC/1041/Atop QRM, ID, mx. Gud briefly (Holbrook-MD)
- 1240 WCEM Cambridge MD/1315/Sports show; HS football results (Holbrook-MD)
- 1250 WDAE Tampa/0045/Easy Listening mx, ID, good rcptn (444 10-23 Roberts)
- 1250 CHWO Oakville ON/1148/Song: Day By Day, ID, wx: 3°c (433 Demmitt-PA)
- 1251 R Moscow Vladivostok/1600/IS, CC YL ID and nx//1476 (fr Famularo-JP)
- 1260 WIBV Belleville IL/0500*/s/off ancmt, no anthem (10-22 Wayne Heinen)
- 1260 KOIT San Francisco/0930/All-night easy listening mx (222 10-14 Heinen)
- 1287 JOHR Sapporo Japan/1423/JJ/video shop ad, OM tx, YL vocal (Famularo)
- 1300 WFFG Marathon FL/0051/mx, bank ad, ID, more mx (242 9-22 Ken Roberts)
- 1340 WMID Atlantic City/1135/PSA, Atlantic City wx & MYL (Hank Holbrook-MD)
- 1386 Tianjin 3rd Pgm PR China/1147/CC/drama w/somber mx (pr-fr Famularo-JP)
- 1450 WROS New Bern NC/0523/tx and ID, atop jumble at times (H. Holbrook-MD)
- 1490 WBCB Levittown PA/2308/jingle and ads, Phillies Baseball (Holbrook-MD)
- 1540 ZNS-I Nassau Bahamas/0130/mx, ID, religious pgm (322 10-23 Roberts)
- 1566 FEBC Cheju Island Korea Rep*/0959/mx, CC YL tx, ID (fr Famularo-Japan)
- 1580 VOA Antigua/0300/musical ID, OM news, tx abt World Bank (322 Demmitt)
- 1593 NHK Matsue 2nd Pgm/0930/JJ/YL singing traditional mx (Famularo-Japan)
- 1610 Caribbean Beacon Anguilla/0240/OM sermon (10-4 Demmitt) (10-23 Roberts)

LATE LOGGING: 870 WVL New Orleans/1055/country mx (555 11-5 Robinson - TN)
 *****Thanks for your great support. Until 1986, 73s and Merry Xmas. David.

QSL REPORT

NEW

Ray Forsgren
SPEEDX QSL Report Editor
Route #4, Box 213
Chippewa Falls, WI 54729



EDITOR:

Leon Kanopka
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PAR AVION

AIR MAIL

BY AIR MAIL

VIA AEREA

Hello: welcome to the final edition of the QSL report for 1985, and the final edition by this editor. In January, the column will be prepared by: Ray Forsgren; Route #4, Box 213; Chippewa Falls, WI 54729.

I have enjoyed doing this column for over 2 years, and now time to do the column is becoming short. I hope to stay active in the membership, though, as much as time allows.

One final note before I move on to the data. It has nothing to do with shortwave, but I want to tell everyone anyway. Yeesterday, 11-15, my sister gave birth to a Baby girl, Tiffany Rose. I am now an Uncle (for the first time), Hi Hi. I am very happy about this, so I figured that I will tell everybody. Now onto the reports:

AFRICA

ANGOLA-R. Nac-9535, plain freq and time card in ?? for 2 ircs (PA-Levison).

ASCENSION-BBC Relay-15260, f/d letter in 252 days for 2 ircs, direct (Wilkins-CO). F/D letter in 7 months for 8 ircs and 3 f/u reports. Freq was 6005, 11750 (Friberg-NH). 15400, f/d letter with station photo in 245 days direct (Campbell-CT). V/S-M.R. Watkins, S. Hurst.

CANARY ISLANDS-REE-15365, f/d card in 60 days for an irc and ss rpt. (Adams-MA).

BURKINA FASO-RTVB-4815, f/d letter in 35 days for 2 ircs and a EE/FF rpt and a tape (Witte-CA). Same in 48 days for a FF rpt and ms. (MD-Dillon). Same in 75 days for an irc and a FF letter (Ross-ONT). Same in 57 days for 2 ircs and a FF rpt (Orr-FL).

CENTRAL AFRICAN REPUBLIC-R. Centrafrique-5035, date/freq card in 42 days for ms and a FF rpt. V/S-Michel Bata, Dir. Sces. Techniques (Quaglieri-NY).

CHAD-RDT-4905, f/d card in 213 days for 2 ircs and a FF rpt (Downing-Co).

EGYPT-R. Cairo-9475, f/d mosque card ub 41 days for 2 ircs (Zirkelbach-CA).

EQUATORIAL GUINEA-R. Nacional-5004, date/freq letter in 31 days for 5 ircs and a SS rpt (Orr-FL). V/S-Matias Ovono Engonga Nsang. Servicio Internacional-f/d Blue card w/personnal note in 183 days for a SS rpt and \$.1. (Forsgren-WI).

LESOTHO-LNBS-4800, f/d flag card in 24 days for 2 ircs and ms (CO-Cole). f/d map card in 30 days for an irc (Ross-ONT).

LIBERIA-VOA-17070, f/d Liberty card in 15 days (Kustra-AZ). ELWA-4760, f/d Antenna card in 30 days for an irc (Ross-ONT).

LIBYA-R. Jam-11815, f/d Rainbow card in 120d for 2 ircs (Ziegler-ME). 15450, f/d card in 23 days for 2 ircs (Brown-IL).

NAMIBIA-RSWA-3295, f/d Desert scene card in 92 days for 2 ircs (Friberg-NH). Also recd a bubper sticker.

NIGERIA-VON-15120, date/time letter in 268 days for 6 ircs (Cirone-NJ).

RWANDA-DW-17800, n/d broadcasting centre card in 51 days (Gerstner-NY).

SEYCHELLES-FEBA-11755, f/d map card in 86 days for 3 ircs and a taped report (Downing-CO).

SOUTH AFRICA-R. Orion-SABC-3250, f/d Card in 130 days for an irc (Gerstner-NY). SABC-4835, f/d card in 16 days (Gerstner-NY). Logo card in 18 days with a pennant (Kustra-AZ). R. RSA-9615, f/d card in 28 days Moll-MI). card in 20 days (Brown-IL). 6010, card in 35 days (Adams-MA). Card in 22 d (Brown-IL). Card in 12 days (McCants-AL).

EUROPE

ALBANIA-R. Tirana-7120, date/freq card in 158d for 3 ircs (Cirone-NJ).

AUSTRIA-ORF-9635, f/d card in 8 weeks (Bowden-CA). Gray card in 7 weeks (Bowden-CA). Village card in ?? (Kustra-AZ). Friendly pleasure ground card in 6 weeks (Bowden-CA). Card in 30 days and stickers (Miller-CA). 9590, f/d Skiers card in 60 days (Ross-ONT). 6000, f/d letter QSL (Brown-IL).

BELGIUM-BRT-9925, 9880, Artwork card in 5 weeks, f/d, (Bowden-CA). Art card in 5 weeks (Bowden-CA). Same in 6 weeks (Bowden). 5910, Madonna painting card in 31 days (Moll-MI). 3 cards in 25 days (NH-Friberg).

BULGARIA-R. Sofia-11870, f/d card in 106 days for a bulgarian rpt (Levison-PA).

CZECHOSLOVAKIA-R. Praha-6055, f/d cottage card in 27d (Levison-PA). 7345, f/d open air museum card in 34 days (Morin-ONT).

EAST GERMANY-RBI-6125, f/d DX club card in 62 days (Friberg-NH). 9730, f/d Broadcasting house card in 49 days with a pennant and other goodies (Thunberg-PA).

WEST GERMANY-RFE/RL-3985, freq only card in 4 days for ms (Gerstner-NY).

GREAT BRITAIN-BBC-n/d card in 60 days (Brown-IL).

GREECE-R. Athens-9420, f/d Olympic card in 42d for an irc (Card-RI). R. Macedonia-11615, f/d card in 3.5 months for 3 ircs (Yeager-PA).

HUNGARY-R. Budapest-9835, f/d RBSWC card in 61 days (Levison-PA). Earth card in 68 days (Cole-CO).

ITALY-AWR-6145, f/d card in 51 days for \$2US to Italy address (NY-Quaglieri-NY). RAI-f/d card in 172 days for an irc (Thompson-NM). 9575, f/d card in 165days for 3 ircs (Cirone-NJ).

LUXEMBOURG-R. Lux-6090, f/d Towers card in 91 days for 2 ircs (Ziegler-ME). Same with a sticker and sked in 23 days for 2 ircs (Welch-MA).

MALTA-R. Mediterranean-6110, f/d Tower/map/skred card in 240 days for 1 irc. (Chickerell-WV). 9510, f/d map card in 177 days for 2 ircs (Downing-CO). 6110, f/d card in 6 months for an irc (Friberg-NH). Same with a sticker in 195 days (Welch-MA).

NETHERLANDS-RN-15560, f/d Flevo card in 4 weeks (Bowden-CA).

NORWAY-R. Norway-15305, date/freq card in 28 days along with a decal and other stuff (Brown-ILL). f/d photo card in 4 weeks (Bowden-CA). Costumes card in 3 weeks (Bowden-CA).

PORTUGAL-RFE-15145, freq only card in 10 days for ms to NY office (Ziegler-ME).

ROMANIA-11940, f/d "Monastery" card in 94d with a pennant (Ziegler-ME). 9690, date/freq Liberty rally card in 117d (Gerstner-NY). 11940, Same in 94 days with a pennant (Woering-MA).

SPAIN-REE-9630, f/d card in ?? (Kustra-AZ). f/d Castillo de Santa Catalina card in 58 days (Weyrich-MD). 6125, f/d card in 4 weeks (Bowden-CA). RTVE-15535, 11880, 9360, 6125, 9630, 9650, typed cards in 4-5 weeks for ee/ss rpt (Bowden-CA).

SWEDEN-RSI-9695, f/d Street scene card in 4 weeks (Bowden-CA). 15345, f/d transmitter card in 18 days (Brown-IL).

SWITZERLAND-Int'l Comm of the Red Cross Bcstng-6135, f/d Globe and headphones card in 62 days with a sticker and a sked (Soomre-MA). Same card in 56 days for an irc (Morin-ONT). Same card in 37 days for 2 ircs (Downing-CO). Same card in 28 days for 2 ircs (Ziegler-ME). SRI-n/d William Tell card in 44 days for a PP rpt (Levison-PA). N/D card in 31 days (Brown-ILL). I hope the N/D cards are not the new QSL policy at SRI...lnk

VATICAN CITY-R. Vatican-9605, f/d St. Peter's Square card in 50 days (Kustra-AZ).

USSR

R. Moscow: 7205, Armavir; 9640, Moscow; Cards in 38 days (Forsgren WI). 21590, Simferopol; 21450, Armavir; 15485, Simferopol; 15495, Lvov; 9450, Serpukhov; 9685, Moscow; 9765, Serpukhov; 9600, Cuba; 9560, Lvov; 9640, 9530, Moscow; 15260, Baku. All cards in 35d (Pa-Yeager). 13705 via Simferopol card in 33 days (Wilkins-CO). 6050, 9705, 15425, cards in 3, 4, 5 weeks no sites (Bowden-CA). 7190, card in 37 days (Weyrich-MD).

R. Atlantika (R. Moscow) via Armavir on 15175 khz Card in 30d (Yeager PA).

R. Rodina-15410, f/d card in 2 months (Yeager-PA).

R. Yerevan-13605, f/d card in 115d (Soomre-MA).

R. Vilnius-11960, f/d tower card in 91 days with a pennant (Friberg-NH).

R. Kiev-11960, f/d card in ?? (Adams-MA). 9615, card in 90 days (Moll-MI).

ASIA

PEOPLES REPUBLIC OF CHINA-R. Beijing-11860, 9535, 9559, 9730, 9550 f/d Art work cards in 7 weeks (Bowden-CA). f/d card and goodie pack in 45 days (Brown-IL). 11860, date/freq children card in 29 days with a pennant (Morin-ONT). Inner Mongolia PBS-6974-f/d-Figurine card in 66 days for an irc vis Beijing (Wilkins-CO). CPBS-9064, 7480, f/d cards in 5, 8 weeks for CC rpts (Bowden-CA).

INDONESIA-RRI Surakarta, 4932, p/d personal letter in 47 days for an IN rpt and \$1 US. V/S-Hastoeti Toeringsih-Seksi Siaran Kepala. (Forsgren-WI).

ISRAEL-KOL Israel-9815, f/d Children in village street card in 40 days for 2 ircs (Zirkelbach-CA). 11655, Shalom card in 68 days (NY-Gerstner). 9815, f/d map card in 74d (Weyrich-MD).

JAPAN-R. Japan-11950, f/d autumn picture card in 3 weeks (Bowden-CA). Lion Dance Festival card in 6 weeks (Bowden-CA). 17825, date/freq card in 14 days for 2 ircs (Marvin-CA). R. Tanpa-6055, f/d radio components card in 7 weeks for a JJ rpt (Bowden-CA). Same for same in same time for 9595 khz rpt (Bowden-CA). Same card in 50 days (Kustra-AZ).

KUWAIT-R. Kuwait-11675, f/d folder card in 67d with a sticker and a calendar (Campbell-CT).

MALAYSIA-RTM-Kuching-7160/4950, f/d broadcasting house card in 49 days for 2 ircs (Evans-TN). Kuching, Red network-4950, same card in 44 days for 3 ircs (Marvin-CA).

SOUTH KOREA-R. Korea-9750, f/d Olympics card in 62d (Kustra-AZ). 7275, 6135, 9750, 955(f), 9870, f/d 19th Asian Games cards in 6 weeks (Bowden-CA). 15575, time/freq games card in 48d (Miller-CA).

SRI LANKA-DW-6185, n/c broadcasting centre card in 26d (Gerstner-NY).

TAIWAN-WYFR via VOFC-15055, card in 85 days (Shimada-JPN). VOFC-5985, f/d year of the rat card in 19 days (Kustra-AZ). 15130, f/d Paint brush card in 26 days for a SS rpt (Levison-PA). 9680, f/d Chinese character card in 28 days for an irc (Zirkelbach-CA). 9680, pennant and photo of a CC Singer for filling out their questionnaire in 30 days (Miller-CA). 5985 via WYFR-Card and goodie pack in 25 days (Brown=ILL).

TURKEY-VOT-9755, f/d postcard in 29 days for 2 ircs (Kaessinger-FRG).

UNITED ARAB EMIRATES-15320, f/d logo card in 30 days with a pennant (Morin-ON).

PACIFIC

AUSTRALIA-R. Australia-6060, f/d Actor card in 26 days for an irc (Thompson-NM). 9580, woodchopping Competition card in 25 days for an irc (Thompson-NM). 9580, f/d card, postcard, Sked, sticker and poster in 52 days (Morin-ON). 5995, f/d flowering plant card in 20 days (Weyrich-MD). VLW15, 15425, f/d blue map card in 16 days for 2 ircs (Kustra-AZ). VLR6-6150, f/d map card in 12 days for 2 ircs (Wilkins-CO). VLR6-f/d card in 35 days for 2 ircs (Yeager-PA).

COOK ISLANDS-CIBS-11760, f/d logo card in 22 days (Kustra-AZ). f/d Conch blower card in 89d for \$1 (Campbell-CT). Same card in 30 days for 2 ircs (Heinen-CO).

MARIANA ISLANDS-Guam-KTWR-9590, f/d card for a cassette tape and Mandarin report in 4 weeks (Bowden-CA).

NEW ZEALAND-RNZ, 6100, f/d lake scene card in 18 days for 3 ircs. Also received a pennant and booklet on NZ. (Gerstner-NY).

PAPUA NEW GUINEA-R. East Sepik-f/d map card in 70 days for \$1US after a f/up (Forsgren-WI). R. Northern, 3345, f/d map card in 59 days for ms (Forsgren-WI).

SOCIETY ISLANDS-R. Tahiti-15170, f/d FR3 card in 139d for 2 ircs (Thompson-NM). 11825, f/d Conch Card in 5 months for 2 ircs and a trilingual rpt form (Heinen-CO).

SOLOMON ISLANDS-SIBC-5020, f/d logo card in 24 days for an irc (KUSTRA-AZ). f/d logo card in 45 days for 2 ircs (Ross-ONT).

SOUTH AMERICA

BRAZIL-R. Bras-11745, f/d waterfalls card in 36 days for an irc (Friberg-NH). Same card in 4 weeks (Bowden-CA). R. Excelsior-9585, date/freq card in 25 days for a PP rpt (Wilkins-CO) V/S-Ronald Asumpsao. R. Poti-4965, f/d PFC card in 25d for a PP rpt. V/S-Ademir Ribeiro. Card commented that EE can be used for reports. (Wilkins-CO). R. Alvorada de Londrina-3335, date/freq studio scene and religious shrine card in 38 days (Quaglieri-NY). A1 comments that the return postage on the card was over 2x the rp that he sent to the station. He suggests that sending extra postage to the stations would help out more. Radiodifusora do Amazonas, 4805, n/d card in 34 days for a PP rpt and ms. DJ noted that he collects stamps and comic books, and that he could read EE, but his name was unreadable (Dillon-MD). VOA-9580, f/d card in 27d for a SS rpt (Dillon-MD). R. Guaiba, 5965, n/d thank you card in 321d for a pp rpt and ms. After 2 f/ups. V/S-Werner Volk-Superintendente.

BRAZIL-(continued)-(Forsgren-WI). R. Ribeirao Preto-3205, City skyline card in 30 days for a pp rpt and an irc (Ross-ONT).

COLOMBIA-Em. Nueva Granada-6160, f/d PFC and letter in 156d for ms and a SS rpt (Wilkins-CO). V/S-Antonio Pardo Garcia, Gte. Nal. De Programacion. Em. Armonias del Caqueta-4915, personal thank you card w/station information and a color station card in 46d for ms and a SS rpt (Quaglieri-NY).

ECUADOR-HCJB-9745, SPEEDX card in 6 days (Soomre-MA). 11910, f/d airliner card in 23 days (McCants-AL). 9745, f/d card in 24d (McCants-AL). f/d QSL in 43 days for an irc (Brown-ILL). 6095, f/d transport in Ecuador card in 60d (Cirone-NJ). Em. Jesus del Gran Poder-5050, f/d foldout card in 58d for ms and a SS rpt (Quaglieri-NY).

FRENCH GUIANA-5055, f/d card in 25d for 2 ircs (Yeager-PA). f/d logo card in 21d for a FF rpt (Card-RI).

GUYANA-GBC, 5950, f/d letter in 42d (Kustra-AZ). Same in 53d for 2 ircs (Ziegler-ME). Same in 46 days for 2 ircs (Orr-FL).

PERU-R. Bagua-3310, personal letter in 51 days for a SS rpt and ms (Quaglieri-NY). Letter said that the station was under new ownership and that they will welcome rpts. V/S-Julio Cardozo Ganoza, Gerente. R. Del Pacifico-4975, f/d letter and a sticker in 199 days for a SS rpt and ms. V/S-J. Petronio Allauca (Downing-CO).

VENEZUELA-R. Rumbos-4970, f/d city panorama card in 79 days for ms and a ss rpt. V/S-Andres Serrand. (Thompson-NM).

NORTH AND CENTRAL AMERICA AND THE CARIBBEAN

ALASKA-KNLS-9555, f/d card in 15 days air (Shimada-Japan).

CANADA-CKZN-6160, f/d map card in 33 days for an irc (Welch-MA). CHNX-6130, f/d playground card in 24d with stickers (Campbell-CT). Same in 13 days for ms (Gerstner-NY). CKZU-6160, date/freq GBC centre card in 23d for an irc (Wilkins-CO). Same in 5 weeks (Bowden). RCI-9755, diy card in 21d (Thompson-NM). Same in 6d (Brown-IL).

COSTA RICA-R. Colombia-4850, f/d white card in 32d for an irc and a SS rpt (Kustra-AZ). R. Reloj-4832, date/freq card in 19 days for 2 ircs and a SS rpt (Shamblin-AR). R. Impacto-6150, f/d PFC in 22d for a SS rpt and ms. V/S-Juan Carlos Agüero. (Wilkins.)

CUBA-RHC-6140, 6100, 9740, Cards in 3 months (Bowden-CA).

HONDURAS-La Voz Evangelica-4820, f/d Silver Jubilee card in 30d (Kustra-AZ). Same in 20 days (Cole-CO).

UNITED STATES OF AMERICA-VOA-9690-Delano-in 10d (Gerstner-NY). 9455-Greenville-in 11d (Gerstner-NY). 11950-SS rpt brings Statue of Liberty card in 27d (Dillon-MD). 9690-Greenville-8 days (Wilkins-CO). 9575-Bethany-9 days (Wilkins-CO). WRNO-15420, f/d card in 10 days for ms (Weyrich-MD). R. Marti-9660, n/d letter in 25d (Dillon-MD). KGEI-15280, f/d trolley card in 58d for ms (Kustra-AZ). V. of the OAS-f/d white card in 12 days (Kustra-AZ). KGBI-11790, f/d globe card in 18d (Campbell-CT). Same in 9d for ms (Dillon-MD). f/d Texas to the World card in 25d for ms (White-MS). 11925-f/d card in 10d for ms (McCants-AL). WYFR-11830, f/d card in 36d for ms (Weyrich-MD). Same in 44d (Mell-MI). R. Earth-11790, f/d Curacao card in 30d (Brown-IL). Same in 28d (McCants-AL). Same in 15d for ms (Kustra-AZ).

CLANDESTINE-LV de Alpha 66-6666, f/d PFC in 6 days for a SASE. V/S-Sara Medina. (Downing-CO).

MISSORT-NORWAY-RN-Card in 21d (Romberg-WI).

Well, that is all of the information for this month. I was hoping to get it all into five pages with room for some comments at the end. I did not, though, so after my parting comments I will fill the white space with a QSL or two. I have said this before, but I have really enjoyed my editorship with SPEEDX. I hope to continue sometime in the future, when things are better here.

I want to thank all of the contributors to this column since I have been editor. Some of you have contributed once, others every month. I welcomed all contributions no matter how rare or common. Please keep up your fine support with the new editor of this column and all of the other columns. Remember SPEEDX is the magazine put together by all of the membership. It is a magazine that we should all be proud of. The November 1985 issue, with 76 pages was fantastic. You all made it possible, no other club comes close. I want to thank you all.

Wishing all of you the best of luck, happiness and good DX, until sometime in the future 73

Lion
N1ZP

RADIO



4VEH

Cap Haitien, Haiti, West Indies



Special Dx. Broadcast

We gratefully confirm your report of reception of

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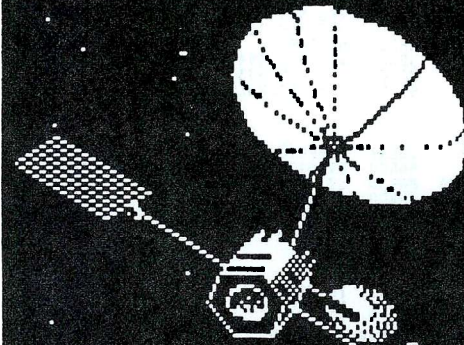
Signed ...Linda Ragsdale.....

Short Wave Department

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CHARLESTON WV 25312

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*** NORTH AMERICA ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AK	6506.4	U	0314	NOJ	KODIAK	USCG	WKG USC6C CAPE CARTER	JFH-MA
BER	8449.4	C	1325	VRT	HAMILTON	MARCO	V MARKER	6LT-NM
CAN	2182.0	U	0405	VOK	CARTWRIGHT	CCG	WKG SEAPORT HIGHLANDER	JFH-MA
CAN	2182.0	U	0138	VOJ	STEPHENVILLE	CCG	ANNOUNCEMENT	POC-NH
CAN	2598.0	U	0310	VCN	GRINDSTONE	CCG	WATHER	JFH-MA
CAN	3287.0	C	0330	CKN	VANCOUVER	CANMIL	CODED TFC	DS-OH
CAN	3300.0	U	0240		MOYAH BAY	MARCO	P/P THRU CKN	6S-WA
CAN	3300.0	U	0241		SCAR CREEK	MARCO	P/P THRU CFW	6S-WA
CAN	3300.0	U	0104		KWANTA BAY	MARCO	P/P THRU CFW	6S-WA
CAN	3330.0	A	0356	CHU	OTTAWA	SFTS	TIME SIGNALS	BS-AR
CAN	3485.0	U	0023	VFG	GANDER	AERO	AVIATION WEATHER	JG-NY
CAN	4865.0	U	1808		KIMSQUIT	MARCO	P/P THRU CFW	6S-WA
CAN	6384.0	C	0200	CKN	VANCOUVER	CANMIL	NAWS DE CKN	LS-CA
CAN	6384.1	C	0200	CKN	VANCOUVER	CANMIL	NAWS DE CKN	LS-CA
CAN	8463.0	C	0118	CKN	VANCOUVER	CANMIL	DE MARKER	KR-FL
CAN	8891.0	U	1930		CAMBRIDGE BAY	AERO	WKG SAS 935	PAC-UK
CAN	12726.0	C	2135	CFH	HALIFAX	CANMIL	V MARKER	KR-FL
CAN	12876.0	C	2154	VAI	VANCOUVER	CCG	CQ MARKER	KR-FL
MEX	12703.0	C	2132	XFL	MAZATLAN	MARCO	CQ MARKER	KR-FL
USA	2056.0	U	2042	NMF	CAPE MAY	USCG	WKG M/V BERNARD OLDENDORF	JFH-MA
USA	2182.0	U	0134	MMK	CAPE HATTERAS	USCG	ANNOUNCEMENT	POC-NH
USA	2182.0	U	0155	NMF	BOSTON	USCG	WKG WSP 2867	POC-NH
USA	2182.0	U	0216	WSA	HAMPTON	MARCO	WKG KKB 386	POC-NH
USA	2182.0	U	0203	NMY	41	USCG	WKG ENDEAVOR	POC-NH
USA	2670.0	U	0215	NMN	80	USCG	NOTICE TO MARINERS	RSR-DN
USA	2670.0	U	0129	NMN	37	USCG	WKG CAPE HATTERAS	JFH-MA
USA	2670.0	U	1805	NMF	2	USCG	WKG F/V CHILLMARK	JFH-MA
USA	4063.0	U	1101	WCM	BOSTON	MARCO	WKG 'VALVOLINE'	AL-MA
USA	4244.0	U	0045	WKM	NEW HAVEN	MARCO	CQ MARKER	RSR-DN
USA	4350.5	C	0534	WNU	SLIDEL	MARCO	CQ MARKER	WOD-PA
USA	4360.0	U	0326	NAM	NORFOLK	NAVRAID	WKG USS SD. CAROLINA	JFH-MA
USA	4363.6	U	0430	WDM	PENNSUCO	MARCO	TFC LIST	JFH-MA
USA	4370.0	U	0012	WLO	MOBILE	MARCO	MARINE FORECAST	JG-NY
USA	4400.8	U	0413	NMA	MIAMI	USCG	WKG SEAWARD EXPLORER	JFH-MA
USA	4400.8	U	0517	NMA	MIAMI	USCG	WKG USC6C SALVIA	JFH-MA
USA	4407.0	U	0351	WDM	PENNSUCO	MARCO	WKG M/S FESTIVALE	JFH-MA
USA	4428.7	U	0400	NMN	PORTSMOUTH	USCG	MARINE FORECASTS	JFH-MA
USA	4428.7	U	0331	NMN	SAN FRANCISCO	USCG	WKG USC6C POLAR STAR	JFH-MA
USA	4428.7	U	0412	NMN	PORTSMOUTH	USCG	RELAY TFC	TF-KY
USA	4432.0	U	0442	NMC	PORTSMOUTH	USCG	MARINE WEATHER	WH-CO
USA	5320.0	U	0430	NMG	NEW ORLEANS	USCG	WKG CB MOBILE	PG-NM
USA	5692.0	U	2341	NOI	DETROIT	USCG	WKG CB 2132	AL-MA
USA	5696.0	U	0102	NMN	PORTSMOUTH	USCG	WKG CB 1468	GEL-CA
USA	5696.0	U	1338	NOM	MIAMI	USCG	WKG CB 2108	AL-MA
USA	5696.0	U	0156	NOR	SAN DIEGO	USCG	WKG CB 1497	POC-NH
USA	5696.0	U	2308	NOY	9	USCG	WKG CB 2129	POC-NH
USA	5696.0	U	0410	NMA	MIAMI	USCG	WKG M/V SEAWARD EXPLORER	JFH-MA
USA	5696.0	U	2333	NMA	MIAMI	USCG	WKG AF RESCUE 95828	ES-MA
USA	6218.6	U	1140	WDJ	332	MARCO	WKG VAR TUGBOATS	RMA-IA
USA	6218.6	U	1310	WHH	301	MARCO	WKG THE WAXLER BARGES	RMA-IA
USA	6352.0	C	0245	WMH	BALTIMORE	MARCO	V MARKER	RJC-MA
USA	6501.9	C	0225	WLO	MOBILE	MARCO	DE MARKER	LS-CA
USA	6521.9	U	2302	KDJ	HOUSTON	MARCO	WKG WRB 5657	PG-NM
USA	6521.9	U	1616	WNE	ALTON	MARCO	WKG WRN 6622	PG-NM
USA	6712.0	U	0240	AFB	ANDREWS	USAF	WKG TRAVIS	PAT-CA
USA	6925.4	C	2310	KNK	50	USCG	GRA MARKER	KR-FL
USA	8486.0	C	0120	WGE	WASHINGTON	DDI	V MARKER	KR-FL
USA	8796.4	U	1444	WOD	LANTANA	MARCO	P/P W/ THE CAROUSEL	TF-KY
USA	8984.0	U	0049	NMG	OCEAN GATE	MARCO	P/P W/ THE CAROUSEL	TF-KY
					NEW ORLEANS	USCG	WKG CB 1468	GEL-CA

USA	8993.0	U	1900	AFL	LORING	USAF	WKG NAVY LJ41	POC-NH
USA	9014.0	U	2019	AFG 37	SCOTT	USAF	WKG MAC AIRCRAFT	AL -MA
USA	10052.0	U	1735	WSY 70	NEW YORK	AERO	WEATHER	FK -FL
USA	11182.0	U	1855	AGF 37	SCOTT	USAF	WKG MAC 59401	JFH-MA
USA	12432.3	U	1710	KUX	SAN DIEGO	MARCO	WKG WYR 5331	PG -NM
USA	20000.0	A	1456	WVW	FT. COLLINS	SFTS	TIME SIGNALS	RT -FL

*** CENTRAL AMERICA ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
COST	4289.9	C	2334	TIM	LIMON	MARCO	CQ MARKER	WOD-PA
PANA	4275.0	C	0246	HPP	PANAMAINTELMA	MARCO	CQ MARKER	WOD-PA
PANA	6423.5	C	0614	HPP	PANAMAINTELMA	MARCO	CQ MARKER	WOD-PA
PANA	8589.0	C	1313	HPP	PANAMAINTELMA	MARCO	CQ MARKER	GLT-NM
PANA	8589.0	C	2225	HPP	PANAMAINTELMA	MARCO	CQ MARKER	WOD-PA

*** CARIBBEAN ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
CUBA	13984.5	C	1943	CLP 1	HAVANA	MFA	CLG CLP 16	RR -MS
JAM	2182.0	U	0153	6YX	KINGSTON	JCG	TFC	POC-NH
MART	6388.0	U	0314	FUF	FT DE FRANCE	NAVRAV	V MARKER	JFH-MA
PR	8718.9	U	VAR	NMR	SAN JUAN	USCG	WKG USCGC SAGEBRUSH	JFH-MA
PR	8973.0	U	2312	NMR	SAN JUAN	USCG	CQ MARKER	RR -MS
PR	12700.0	C	2128	NMR	SAN JUAN	USCG	AMVER CQ MARKER	KR -FL

*** SOUTH AMERICA ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ARGN	8722.0	U	0332	LPL 51	GEN. PACHECO	MARCO	VOICE MARKER	POC-NH
ARGN	22419.0	C	1803	LPD 61	GEN. PACHECO	MARCO	TFC LIST	RR -MS
BRZL	4297.9	C	0120	PPO	OLINDA	MARCO	DE MARKER	ES -MA
BRZL	12795.0	C	2147	PWZ 33	RIO DE JANIERO	NAVRAV	V MARKER	KR -FL
BRZL	12958.5	C	2200	PPO	OLINDA	MARCO	V MARKER	KR -FL
CHIL	6419.0	C	0611	CCS	SANTIAGO	NAVRAV	V MARKER	WOD-PA
CHIL	20876.0	L	1822	X88AFI	CERRO TOLOLO	OBVSVY	WKG KFK 92 KITT PEAK OBSV	MC -AZ
COLO	17003.9	C	1414	HKB	BARRANQUILLA	MARCO	CQ MARKER	FW -FL
ECUA	7600.0	A	0539	HD 210A	GUYAQUIL	SFTS	TIME SIGNALS	PAT-CA
SURI	8652.5	C	0946	PZN 3	PARAMARIBO	MARCO	CQ MARKER	WOD-PA
URGY	12750.0	C	0010	CWA	CERRITO	MARCO	CQ MARKER	GLT-NM
URGY	12750.0	C	2139	CWA	CERRITO	MARCO	CQ MARKER	KR -FL
VENE	6100.0	A	0706	YVTO	CARACA	SFTS	TIME SIGNALS	PAT-CA
VENE	6100.0	A	1100	YVTO	CARACA	SFTS	TIME SIGNALS	ES -MA

*** EUROPE ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AZOR	3081.0	U	0000	CUW	LAJES	USAF	AERO WEATHER	RSR-ON
AZOR	6750.0	U	0002	CUW	LAJES	USAF	VOLMET	AS -MA
AZOR	8967.0	U	0058	CUW	LAJES	USAF	CLG MAC A/C	GS -WA
BELG	6391.5	C	0335	OSN	OOSTENDE	NAVRAV	V MARKER	JFH-MA
BELG	12781.0	C	2143	OST 5	OOSTENDE	MARCO	V MARKER	KR -FL
BUL	12940.0	C	1706	LZW 5	VARNA	MARCO	TFC LIST	FB -FG
EIRE	3016.0	U	2347	SHANNICK	SHANNICK	AERO	WKG SANTA MARIA	JG -NY
EIRE	5640.0	U	0315	EIP	SHANNON	AERO	TFC	RJC-MA
ENG	4286.0	C	0357	GKA 2	PORTISHEAD	MARCO	DE MARKER	WOD-PA
ENG	4310.0	C	0100	MTI	PLYMOUTH	NAVRAV	V MARKER	RSR-ON
ENG	8765.4	U	1933	GKU	PORTISHEAD	MARCO	P/P W/ MANY VESSELS	JFH-MA
ENG	9487.0	C	1745	GFE 22	BRACKNELL	METEO	EE WEATHER	JEB-CA
ENG	11200.0	C	2048	MVU	WEST DRAYTON	VOLMET	RAF VOLMET BCST	JFH-MA
ENG	11200.0	U	1836	MVU	WEST DRAYTON	VOLMET	VOLMET TFC	RT -FL
FRAN	4312.9	C	0233	FUG 3	LA REGINE	NAVRAV	V MARKER	RSR-ON
FRAN	4313.0	C	0441	FUG 3	LA REGINE	NAVRAV	V MARKER	WOD-PA
FRAN	4352.0	C	0606	FFT 21	ST. LYS	MARCO	DE MARKER	WOD-PA
FRAN	5085.0	C	2225	FIT 75	PARIS	PREFEC	V MARKER	FB -FG
FRAN	6348.0	C	0138	HWN	PARIS	NAVRAV	V MARKER	JFH-MA
FRAN	6352.0	C	0145	FUG	LA REGINE	NAVRAV	CQ MARKER	RJC-MA
FRAN	8708.6	C	0152	FFT 41	ST. LYS	MARCO	ID REPEATED	KR -FL
FRAN	17027.0	C	1420	FEL	ST. LYS	MARCO	CQ MARKER	FW -FL
FRAN	17181.0	U	1620	HWN	PARIS	NAVRAV	V MARKER	PG -NM
FRAN	17212.0	C	1834	FFT 82	ST. LYS	MARCO	K MARKER	RSR-ON
GDR	4233.5	C	0108	YSM	RUGEN	MARCO	CQ MARKER	RSR-ON
GDR	6343.0	C	0148	YSM	RUGEN	MARCO	V MARKER	JFH-MA
GDR	6467.0	U	0420	YSM	RUGEN	MARCO	V MARKER	PG -NM
GDR	14818.0	C	1610	Y7A 60	BERLIN	MFA	CLG Y7D 61	RR -MS
GIBR	8625.2	C	0100	GYU	GIBRALTAR	NAVRAV	DE MARKER	GLT-NM
HOLL	4250.0	C	0405	PCH 20	SCHEVINGEN	MARCO	DE MARKER	WOD-PA
HOLL	8694.0	C	0140	PJC	WILLENSTAD	MARCO	CQ MARKER	RJC-MA
ITLY	4280.0	C	0454	IDQ 2	ROME	NAVRAV	DE MARKER	WOD-PA
ITLY	6390.0	C	0330	IDQ	ROME	NAVRAV	DE MARKER	JFH-MA
ITLY	6390.3	C	0414	IDQ 3	ROME	NAVRAV	DE MARKER	WOD-PA
ITLY	12889.5	C	1909	IDQ	ROME	NAVRAV	DE MARKER	PAC-UK
ITLY	12975.0	C	2202	IQX	TRIESTE	MARCO	V MARKER	KR -FL
ITLY	17211.0	C	1836	IAR	ROME	MARCO	DE MARKER	RSR-ON
PORT	4278.0	C	0213	CTP	OEIRAS	NATO	V MARKER	RSR-ON
PORT	4278.0	C	0304	CTP 93	OEIRAS	NATO	V MARKER	WOD-PA
PORT	4305.0	C	0057	CTU 4	LISBON	NAVRAV	V MARKER	RSR-ON
PORT	4305.0	C	0443	CTU 4	LISBON	NAVRAV	V MARKER	RSR-ON
PORT	6389.0	C	0324	CTP	OEIRAS	NATO	V MARKER	WOD-PA
PORT	22478.0	C	1804	CUL 24	LISBON	MARCO	V MARKER	JFH-MA
SPAN	5918.5	C	2304	AGK	LISBON	MARCO	V MARKER	RR -MS
SPAN	6377.7	C	0303	72JKL	ROTJ	NAVRAV	NORTH ATLANTIC WX	WOD-PA
SPAN	6380.0	C	0345	72JKL	MADRID	NAVRAV	CLG 78AL	WOD-PA
SPAN	8682.0	C	1118	EAD 3	ARANJUEZ	MARCO	CQ MARKER	BJ -TX

SPAN	13059.0	C	1712	EBA	MADRID	NAVRA	'CANCELAR NAVAREA 654/85'	FB -FG
SPAN	17344.5	U	1825	EHY	POZUELU DEL RE	MARCO	TFC	RSR-ON
USSR	12670.0	C	1510	UMS	MOSCOW	NAVRA	TFC	FB -FG
USSR	12755.0	C	1517	RCV	MOSCOW	NAVRA	TFC	FB -FG
USSR	13047.5	C	0105	UAI 2	NAKHODKA	MARCO	CQ MARKER	GLT-NM
USSR	13067.0	C	2015	UKX	NAKHODKA	MARCO	TFC	ES -MA
USSR	14510.0	C	1134	R1W	MOSCOW	NAVRA	5D GROUPS	FB -FG

*** AFRICA/MIDDLE EAST ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ALGE	8437.0	C	0706	7TA 6	ALGIERS	MARCO	CQ MARKER	WOD-PA
ALGE	12662.0	C	1650	7TA 8	ALGIERS	MARCO	CQ MARKER	POC-NH
ANGO	22330.7	C	1750	D3E 81	LUANDA	MARCO	DE MARKER	RSR-ON
DJIB	8992.0	C	2330	FUV	DJIBOUTI	NAVRA	V MARKER	MC -NY
EGPT	5658.0	U	0149	SUC	CAIRO	AERO	WKG KHARTOUM	JG -NY
EGPT	8472.0	C	1913	SUP	PORT SAID	MARCO	CQ MARKER	PAC-UK
EGPT	12969.3	C	1525	SUH 4	ALEXANDRIA	MARCO	V MARKER	PAC-UK
ISRL	4237.0	C	0112	4XD	HAIFA	MARCO	CQ MARKER	RSR-ON
ISRL	6379.0	C	0239	4XZ	HAIFA	NAVRA	V MARKER	WOD-PA
NIGR	8903.0	U	0026		NIAMEY	AERO	WKG TANGO MIKE 075	BS -AR
QATR	4231.0	C	0125	A7D	DOHA	MARCO	DE MARKER	WOD-PA
QATR	8473.7	C	2200	A7D	DOHA	MARCO	TFC	RMA-FR
QATR	12966.0	C	1912	A7D	DOHA	MARCO	DE MARKER	PAC-UK
REUN	8475.5	C	1323	FUX	SAINT DENIS	NAVRA	V MARKER	GLT-NM
REUN	13215.5	C	2345	FUX	SAINT DENIS	NAVRA	V MARKER	RMA-IA
SENE	13410.0	C	2040	6WW	DAKAR	NAVRA	V MARKER	DS -OH
SOAF	4222.2	C	2357	ZRH 2	CAPETOWN	NAVRA	XX DE MARKER	WOD-PA
SOAF	4223.8	C	0017	ZRQ 2	CAPETOWN	NAVRA	V MARKER	WOD-PA
SOAF	4283.0	C	0220	ZSJ 2	CAPETOWN	NAVRA	CQ MARKER	RSR-ON
SOAF	4283.0	C	0337	ZSJ 2	CAPETOWN	NAVRA	CQ MARKER	WOD-PA
SOAF	4291.0	C	0423	ZSC 4	CAPETOWN	MARCO	DE MARKER	WOD-PA
SOAF	6336.5	C	0004	ZRH 6	CAPETOWN	NAVRA	XXX MARKER	WOD-PA
SOAF	6338.1	C	0044	ZRQ 3	CAPETOWN	NAVRA	V MARKER	WOD-PA
SOAF	6338.1	C	0213	ZRQ 3	CAPETOWN	NAVRA	V MARKER	JFH-MA
SOAF	8566.0	C	0159	ZSJ 4	SIMONSTOWN	NAVRA	CQ MARKER	KR -FL
SOAF	8566.0	C	0130	ZSJ 4	CAPETOWN	NAVRA	CQ MARKER	RJC-MA
SOAF	8688.3	C	2135	ZSC 6	CAPETOWN	MARCO	CQ MARKER	RMA-FR
SOAF	8688.3	C	0235	ZSC 6	CAPETOWN	MARCO	CQ MARKER	RJC-MA
SOAF	8731.0	U	1242	ZSC 26	CAPETOWN	MARCO	VOICE MARKER	TA -IA
SOAF	17206.5	C	1841	ZSC	CAPETOWN	MARCO	DE MARKER	RSR-ON
TURK	17010.0	C	1855	TAH	ISTANBUL	MARCO	CQ MARKER	POC-NH

*** ASIA/FAR EAST ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
PHIL	8548.9	C	1315	DZF	BACOR	MARCO	CQ MARKER	GLT-NM
PHIL	8588.0	C	1110	DZG	LAS PINAS	MARCO	CQ MARKER	GLT-NM
PHIL	8588.0	C	1255	DZG	LAS PINAS	MARCO	CQ MARKER	GLT-NM
PHIL	8604.4	C	1300	DZJ	BULACAN	MARCO	CQ MARKER	GLT-NM
PRC	8665.0	C	1115	XSG 3	SHANGHAI	MARCO	CQ MARKER	GLT-NM
PRC	12871.5	C	0015	XSG	SHANGHAI	MARCO	CQ MARKER	GLT-NM
PRC	12969.0	C	0025	XSV	TIANJIN	MARCO	CQ MARKER	GLT-NM
ROK	12729.0	C	0410	HLJ	SEOUL	MARCO	CQ MARKER	DS -CA
SING	8476.1	C	1320	9VG 56	SINGAPORE	MARCO	CQ MARKER	GLT-NM
TIWN	8631.6	C	1550	XSW	KADHSIUNG	MARCO	CQ MARKER	GLT-NM

*** PACIFIC ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AUST	4407.0	U	1044	VIS	SYDNEY	MARCO	WKG GOMT	AL -MA
AUST	12907.0	C	0419	VHP	CANBERRA	MARCO	V MARKER	DS -CA
FFPD	17380.0	C	1820	FUM	PAPEETE	NAVRA	V MARKER	RSR-ON
FFPD	17380.0	C	0030	FUM	PAPEETE	NAVRA	V MARKER	GLT-NM
FFPD	17380.0	C	0015	FUM	PAPEETE	NAVRA	V MARKER	GLT-NM
HI	5696.0	U	0607	NMO	HONOLULU	USCG	CLG CG 1011	RT -FL
HI	6506.4	C	0411	NMO	HONOLULU	USCG	WKG EBX	JFH-MA
HI	13113.2	U	2351	NMO	HONOLULU	USCG	WEATHER	HBB-MA
NCAL	8657.0	C	1022	FUJ	NOUMEA	NAVRA	V MARKER	WOD-PA
NZEL	6393.5	C	0507	ZLB 3	AWARUA	MARCO	DE MARKER	WOD-PA
NZEL	8598.4	C	1305	ZLO	WAIOTURU	NAVRA	DE MARKER	GLT-NM

*** RTTY ***

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CNTY	TRAFFIC	CONTRB
4043.0	0142	50	FDY	ORLEANS	FAF	FRAN LE BRICKS	PAC-UK	
4352.5	1820	ARG	HEB	BERNE	MARCO	SWIS NEWS	RMA-FR	
4591.0	1450	75-850R	FAAG	NOUMEA	NAVRA	NCAL TO FUJ	JEB-CA	
5107.0	2113	50	EPD	TEHRAN	AERO	IRAN DE MARKER	PAC-UK	
5160.0	2123	50	IER 20	ROME	IA	ITLY TELEX TFC	PAC-UK	
5393.5	0550	50-425R	ELRB	MONROVIA	AERO	LIBE RYS	RR -MS	
5684.0	0520	50-425N	4VU	DAKAR	ASECNA	SENE RYS	JEB-CA	
5761.0	0432	85-600R	H 33		ARMY	USA WAR GAMES TFC	RR -TL	
5813.5	2247	50-850N	EIP	SHANNON	AERO	EIRE WEATHER	FB -FG	
5881.0	2236	50	70C	KHORMAKSAR	AERO	YEMN DE MARKER	PAC-UK	
5925.0	2305	75-850N	WBR 70	MIAMI	METEO	USA WEATHER	DS -OH	
6504.5	2050	FEC	WCC	CHATHAM	MARCO	USA TFC LIST	JFH-MA	
6736.2	0110	50-850N	ETD 3	ADDIS ABABA	AERO	ETHO RYS	RR -MS	
6775.0	1745	75-425N	RCF	MOSCOW	USCG	5D GROUPS	FB -FG	
6807.0	0130	50-850R	SNL	LAGOS	AERO	NIGR RYS	RR -MS	
6807.0	0145	50-425R	SNL	LAGOS	AERO	NIGR RYS	JEB-CA	
6915.1	1605	50	BAP	BEIJING	NINHUA	PRC RY/ EE NEWS	KY -CA	
6955.0	2125	50-425R	Y7K 23	BERLIN	MFA	GDR RYS	FB -FG	
6975.0	0130	50-425R	6VU	DAKAR	ASECNA	SENE RYS, DE MARKER	RR -MS	

6999.0	0110	50-850N	CSY	SANTA MARIA	AERO AZOR RYS	RR	-MS	
7423.4	2353	50-425N	5YD	NAIROBI	AERO KEN RYS	RR	-MS	
7474.0	0005	50-850N	TJK	DOULA	ASECNA CAME RYS	RR	-MS	
7474.0	0038	50-425N	TJK	DOULA	ASECNA CAME RYS	JEB	-CA	
7474.0	2256	50	TJK	DOULA	ASECNA CAME DE MARKER	PAC	-UK	
7619.5	1600	74-850R	FUG	LA REGINE	NAVRAD FRAN CLG EBA	RMA	-FR	
7673.0	1130	50-500R	PAC	KATWIJK	NATO HOLL PLAINTEXT MSGS	RMA	-FR	
7690.0	0610	50-425R	27	TUH	ASECNA IVRY RYS	RR	-MS	
7695.5	1400	50	3MA	22	TAIPEI	CEP TIWN RYS/EE NEWS	KY	-JP
7727.0	1745	50-R	FDY	ORLEANS	FAN FRAN RYS	RMA	-FR	
7727.0	1507	50-425R	FDY	ORLEANS	FAF FRAN RYS	FB	-FG	
8030.0	1320	50-425R	RRQ	27	MOSCOW	TASS USSR TASS NEWS IN EE	JEB	-CA
8055.0	2123	50	7A	2	SOFIA	PTT BUL 'TESTING FOR PEKING'	PAC	-UK
8062.5	2315	FAX	RKA	74	ALMA ATA	METEO USSR 60LPM CHARTS	JK	-FG
8123.0	2120	50	TNL		ASECNA CONG DE MARKER	PAC	-UK	
8177.0	1742	50-425R	BAC	38	BEIJING	PTT PRC RYS	FB	-FG
8298.5	2015	ARQ	LGB		MARCO NDR WKG BOW HUNTER	RMA	-FR	
8465.0	2200	75-850R	72JKL		NAVRAD SPAN RYS	FB	-FG	
8652.0	1945	50-425N	RND		SAAAMC USNR WKG ERET	FB	-FG	
8705.5	1830	ARQ	GKE		MARCO ENS HOTEL BOOKINGS FOR OE	RMA	-FR	
8708.7	0110	FEC	KLC		MARCO USA TFC	EF	-CA	
8714.7	0055	FEC	WCC		MARCO USA HURRICANE GLORIA INFO	EF	-CA	
8715.7	1830	ARQ	DAN		MARCO FRG WKG M/S ODESSA	RMA	-FR	
9072.5	0025	50-425R	ZEN	40	VICTORIA ISL	UPI HONG FF NEWS	JEB	-CA
9135.0	2203	50-170N	MKD		AKROTIRI	RAF CYPR RYS	FB	-FG
9184.0	2107		TLO		BANGUI	ASECNA CAFR TFC TO DUALA	PAC	-UK
9217.0	2126	50	SUA		NIAMEY	ASECNA NIGR DE MARKER	PAC	-UK
9226.0	0206	45-150	TJK		DOULA	ASECNA CAME GARBLD RYS	AL	-MA
9242.0	1244	50-425R	HKG		HONG KONG	EMBASY HONG NOKO EMB. TFC TO DELH	JEB	-CA
9290.0	1540	50-170N	RTD	78	SVERDLOVSK	METEO USNR WEATHER	FB	-FG
9417.0	1952	50	BZP	59	BEIJING	XINHUA PRC QRA MARKER	PAC	-UK
10137.5	0205	FEC	NNN		PORTSMOUTH	USCG USA FREQ LIST	EF	-CA
10220.0	1430	50N	CLN		HAVANA	PTT CUBA RYS TO NY	RJC	-MA
10588.0	1840	50-375N	MKD		AKROTIRI	RAF CYPR FOXES	RMA	-FR
10820.0	1405	50-425N	BAL	21	BEIJING	PTT PRC RYS	FB	-FG
10902.0	1503	45-450N	GI		GRAND ISLAND	FCC USA BIT INVERSION: 10110	EF	-CA
11000.0	1408	50-425R	Y7B	73	ROME	EMBASY ITLY GDR EMB. RYS	FB	-FG
11080.0	1340	75-850N	NAU		SAN JUAN	NAVRAD PR FOXES	JEB	-CA
11105.0	0000	50-550N	USF		DIYKON OSTRO	USNR CLG UHY	RMA	-IA
11230.0	2125	50-425N	HMZ	94	PYONGYANG	KCNA NOKO MARINE TFC	EF	-CA
12131.5	1810	57-170N	UJY		ENSENADA	TELEX MEX NOTE RARE SHIFT	EF	-CA
12480.0	1512	50-425R	VKX		CANBERRA	POLICE AUST RYS	FB	-FG
12714.0	1505	50-170N	UXN		ARKHANGELSK	MARCO USNR WKG VAR SHIPS	FB	-FG
12891.0	1700	50-170N	UFN		NORVISSYSK	MARCO USNR WKG VAR SHIPS	FB	-FG
12932.5	1705	75-850R	72JKL		MADRID	NAVRAD SPAN RYS	FB	-FG
13054.0	1742	50-170N	UJY		KALININGRAD	MARCO USNR TFC	FB	-FG
13084.3	0200	FEC	NMC		SAN FRANCISCO	USCG USA MSGS	EF	-CA
13372.0	1948	75-850R	NBA		BALBOA	NAVRAD PANA WKG ZPK	DS	-OH
13437.0	1505	50-850R	RPFN		MONSANTO	NAVRAD PORT FOXES	DS	-OH
13650.0	0226	75-850R	NPO		SUBIC BAY	NAVRAD PHIL FOXES - TENTATIVE ID	JEB	-CA
13925.0	1355	50-325N	Y3D	5	BERLIN	DP GDR RYS	RR	-MS
13995.0	0005	75-425R			MONROVIA	USIA LIBE 'FOR EMB. PERS. ONLY'	RR	-MS
14461.0	1130	50N	Y7B	25	BUCHAREST	EMBASY ROMA GDR EMB. TO BERLIN	AM	-UK
14461.0	1015	100N	Y7B	41	ULAN BATOR	EMBASY MONG GDR EMB. QRA MARKER	AM	-UK
14470.0	1810	50-425R	REM	54	MOSCOW	TASS USSR NEW IN EE (MARS FREQ!)	DS	-OH
14497.7	1615	50-850N	CSY		SANTA MARIA	AERO AZOR RYS	RR	-MS
14619.0	1401	50-425R	Y7A	59	BERLIN	MFA GDR RYS	RR	-MS
14724.0	1845	50-750N	TNL		BRAZAVILLE	ASECNA CONG RYS	RR	-MS
14760.0	0540	50	8AT	93	BEIJING	XINHUA PRC RYS	RR	-MS
14906.0	2105	75-170R	KNY	21	WASHINGTON	EMBASY USA VIUQ EMB. RYS. TFC	KY	-JP
15625.0	0218	75-850R	NPN		APRA HARBOR	NAVRAD GUAM FOXES - TENTATIVE ID	JEB	-CA
16210.0	1455	50-425R	SOQ	221	WARSAW	PAP POL RYS, FREQ LIST	RR	-MS
17208.5	ARQ	SWT			ATHENS	MARCO GREE TFC	RMA	-FR
17540.3	2135	75-850R	NBA		BALBOA	NAVRAD PANA WAR GAMES TFC	EF	-CA
18187.5	1027	75R	SAM	50	CAIRO	EMBASY EPT SWED EMB. TO STOCKHOL	AM	-UK
18314.9	1150	50-425R	BCU	24	SHANGHAI	PTT PRC RYS	FB	-FG
19747.5	1743	50-425N	6VU	79	DAKAR	METEO SENE RYS	RR	-MS
20346.0	2030	50-425R	CLN		HAVANA	PL CUBA EE NEWS	RMA	-IA
20350.0	1551	75-850R	NBA		BALBOA	NAVRAD PANA RYS, 'CINTA DE PRUEBA	RR	-MS
20471.0	2000	75-850R	CXR		MONTEVIDEO	NAVRAD URUGO RYS	RMA	-IA
22845.0	1807	50-170R	D2J	36	LUANDA	ANGOP ANGO PP NEWS	RR	-MS

*** SHIPS ***

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
2182.0	U	0210	3FEB 2	VICTORIA	CLG BARBADOS	POC-NH
2182.0	U	1946		WICKLOW	CLG ANGLESEY RADIO	PAC-UK
2182.0	U	0458	VO 4625		WKG PORTSMOUTH	JFH-MA
2670.0	U	0408		THE TEXACO TAMPA	WKG CAPE HATTERAS	WOD-PA
2670.0	U	0024	NICC	USCGC POINT TUCKER	WKG WOODS HOLE	JFH-MA
2670.0	U	1905	NPUF	USCGC CAPE HORN	WKG ROCKAWAY	AL-MA
2716.0	U	1624		USS VALDEZ	CLG PORT CONTROL NY	AL-MA
4066.1	U	0050		USS CARL VINCENT	P/P W/ SAN DIEGO	JFH-MA
4066.1	U	0112		USS ENTERPRISE	WKG SAN DIEGO	DS -OH
4066.1	U	0140		USS LONG BEACH	WKG SAN DIEGO	AL-MA
4066.1	U	0143		USS NIMITZ	WKG NORFOLK	AL-MA
4066.1	U	0143		USS CARL VINSON	WKG SAN DIEGO	AL-MA
4066.1	U	0150		USS RANGER	WKG SAN DIEGO	AL-MA
4066.1	U	0200		USS OBRIEN	WKG SAN DIEGO	AL-MA
4066.1	U	0251		USS PEORIA	WKG SAN DIEGO	AL-MA
4066.1	U	0257		USS ENTERPRISE	WKG SAN DIEGO	AL-MA
4066.1	U	0258		USS CHANDLER	WKG SAN DIEGO	AL-MA
4066.1	U	0328		USS DOWNES	CLG SAN DIEGO	AL-MA
4066.1	U	1030		USS HEPBURN	WKG NORFOLK	AL-MA

4066.1	U	1151		USS EDWARD MCDONNELL	WKG NORFOLK	AL -MA
4066.1	U	1240		USS JOHN F KENNEDY	WKG NORFOLK	AL -MA
4066.1	U	1240		USS GUADALCANAL	WKG NORFOLK	AL -MA
4066.1	U	1552		USS HALYBURTON	WKG NORFOLK	AL -MA
4066.1	U	1606		USS MILWAULKEE	WKG NORFOLK	AL -MA
4066.1	U	2051		USS THOMAS C. HART	WKG NORFOLK	AL -MA
4066.1	U	2058		USS DETROIT	CLG NORFOLK	AL -MA
4066.1	U	0404	3EQN	TSS MARDI GRAS	SIMPLEX TFC	JFH-MA
4069.2	U	0245	PJCH	SS NEW AMSTERDAM	WKG WOM	DS -OH
4097.1	U	0427	3FTP 2	SS GALILEO	WKG WOM	DS -OH
4106.4	U	0051	NODR	USCGC SAGEBRUSH	WKG SAN JUAN	AL -MA
4125.0	U	1504		M/V RANGE INSPECTOR	WKG WRB 9773	HBB-WA
4125.0	U	1510		MARINE EXPLORER	WKG WRB 9773	HBB-WA
4125.0	U	1510		MARINE CHALLENGER	WKG WRB 9773	HBB-WA
4131.2	U	2351	3EYK 3	HOLIDAY	WKG WOM	AL -MA
4134.3	U	0229	NODM	USCGC HORNBEAM	WKG PORTSMOUTH	JFH-MA
4360.5	U	0305		USS CHASER	WKG SAN DIEGO	DS -OH
4410.0	U	1118		AMERICAN HERITAGE	WKG WCA	AL -MA
5320.0	U	0320	NKJX	USCGC POINT HOPE	WKG NMA	AL -MA
5320.0	U	0424	NLIE	USCGC CAPE CURRENT	WKG M/V SEAWARD EXPL	JFH-MA
5320.0	U	1122	NODE	USCGC WHITE PINE	WKG NFDU	AL -MA
5422.5	U	1214		USCGC COWSLIP	WKG MNM 70	AL -MA
5696.0	U	0220		USCGC VALIANT	WKG NEW ORLEANS	JB -NY
5696.0	U	2054	NHIC	USCGC VIGILANT	WKG CG 2116	PDC-NH
6200.0	U	0728		USCGC SALVIA	WKG NEW ORLEANS	JPC-NJ
6200.0	U	1209		R/V CAPE FLORIDA	WKG PORTSMOUTH	MC -AZ
6200.0	U	1917	NLGF	USCGC NORTHLAND	CLG PORTSMOUTH	PDC-NH
6200.0	U	1213	NODG	USCGC BASSWOOD	WKG CG GUAM	MC -AZ
6200.0	U	1233	NODG	USCGC BASSWOOD	WKG HONOLULU	AL -MA
6200.0	U	1916	NRDT	USCGC TANEY	CLG PORTSMOUTH	PDC-NH
6200.0	U	0037	NRFJ	USCGC NORTHWIND	WKG MNM	AL -MA
6200.0	U	0316	NRPF	USCGC CITRUS	WKG NMC	AL -MA
6206.2	U	1630	NRVO	USCGC POLAR SEA	WKG KODIAK	HBB-WA
6218.6	U		WY 6754	TUG DEFENDER	CLG KBW 347	RMA-IA
6270.0	R	1358	USCH	TKH FELIKS DZERZHINSKIY	TFC TO VLADIVOSTOK	JEB-CA
6288.0	C	0136		ZIM SAVANNAH	TFC TO 4X0	RM -IL
6308.0	C	0037	UUVN		CLG URB 2	MC -NY
6518.8	U	1149	USCGC	TANEY	WKG NEW YORK	JPC-NJ
8219.8	U	0136		M/V CEASAR	P/P VIA KMI	HBB-WA
8290.0	U	1403		OVERSEAS WASHINGTON	WKG KHT	AL -MA
8291.1	U	1812	WNFE	THE STAR PHILA.	R/C W/WCM	HBB-WA
8294.0	U	1705		SEALAND ADVENTURER	WKG WRF	AL -MA
8294.1	U	1713	KHRH	SEALAND DEVELOPER	WKG WRF	AL -MA
8294.1	U	1724	WSNH	SEALAND LEADER	WKG WRF	AL -MA
8298.0	R	0440	UTWE	RTS ANDREI PORTYANKO	RYS	JEB-CA
8298.6	R	2156	URUJ	PB MATORKIN SHAR	WKG UDK	FB -FG
8299.0	R	0230	LYHE		RYS	JEB-CA
8345.0	R	0124	KRJG	PRES. EISENHOWER	TELEX VIA KFS	MC -AZ
8350.0	R	0133	GBBM	ISLAND PRINCESS	WKG TELEX VIA KPH	MC -AZ
8351.0	R	0224	JXRU	BOW FAGUS	AMVER TO WLD	MC -AZ
8354.0	R	0024	URRD	RTMS ZVEZDA	RYS	JEB-CA
8356.0	R	1623	UHXR	TH UKRAINA	WKG UJO	FB -FG
8357.6	R	0120	UUTU	ZVESDA SEVASTOPOIYA	RYS	MC -AZ
8363.0	C	1708	UKCM	TUASPE	CLG TAH	FB -FG
8383.0	C	0500	BLHZ	MING UNIVERSE	TELEXES	RM -IL
8421.0	C	0402	YGWP	VALEA ALBA	TELEXES	RM -IL
8719.0	U	1808		USS POWHATAN	WKG APACHE	AL -MA
8722.0	U	0217		FAIRSKY	WKG WOM	TF -KY
8722.0	U	1440		HOLIDAY	P/P W/WOM	TF -KY
8753.0	U	1337	WTEG	NOAA MT. MITCHELL	TFC	JPC-NJ
12429.2	U	1801		AMERICAN WASHINGTON	WKG LONG BEACH	HBB-WA
12494.0	R	1405	GFFG	SHANEE	WKG HOLLAND MARCO	RMA-IA
12504.0	R	0006	UWVG	TKH ZADONSK	RYS	JEB-CA
12506.5	R	1052	UFZJ	RTMS AZIMUT	WKG UJY	FB -FG
12506.5	R	2210	URWG	TR PROLIW DIANY	WKG KALINGRAD	RMA-IA
12515.0	R	2225	UNRS	TH NIKOLAI SHCHORS	RYS	JEB-CA
12518.5	R	0115	EWZR	BMMRT TYMLAT	TFC	JEB-CA
12519.0	R	1734	ESKM	TR OSTROV SIBIRYAKOVA	WKG UDH	FB -FG
12520.0	R	1540	Y4G1	ROS 702 GRANITZ	WKG Y5M	FB -FG
12520.5	R	1556	UORM	TH YANALES	WKG URD	FB -FG
12520.5	R	1116	UQZM	TH DMITRIY ULYANOV	WKG URD	FB -FG
12521.0	R	0244	UHGS	NIS AKADEMIK KODOLEV	RYS	JEB-CA
12521.0	R	1439	UHWG	TH IVAN SHEPETKOV	WKG UFB	FB -FG
12521.0	R	0107	UIGG	TKH PIONER KAMCHATKI	RYS	JEB-CA
12521.5	R	0900	ENKA	TH ALEKSANDR NEVSKYY	WKG UAT	FB -FG
12521.5	R	1326	ESUF	BMRT 433	WKG URB 2	FB -FG
12521.5	R	1158	UNOY	TH VOLZHSK	WEATHER	FB -FG
12521.5	R	1250	UWUC	TH NOVUGRUDOK	WKG URD	FB -FG
12522.5	R	1309	UIOC	MA 0804	WKG UMW	FB -FG
12522.5	R	1437	UZRC	TH ALEKSEI TOLSTOY	WKG UFB	FB -FG
12523.0	R	1507	UUNU	TR PONER YAKUTYY	WKG UYN	FB -FG
12523.5	R	1938	UFWL	TR NEMAN	WKG UHK	FB -FG
12524.0	R	1047	UJJY	TR KRETINGA	WKG UNM 2	FB -FG
12524.5	R	1338	UMYN	TH DMITRY SHOSTAKOVIT	WKG UFB	FB -FG
12525.0	R	2232	UNXL	TH KOLA	RYS	JEB-CA
12525.5	R	0212	ESTR	BMMRT LUCHEGORSK	TO PETROPVLOVSK	JEB-CA
12525.5	R	2328	UTDX	NIS KOSMONAUT PAVEL BEL	TO LENINGRAD	JEB-CA
12526.5	R	2342	EO5N	RTMS GEFEST	RYS	JEB-CA
12526.5	R	0002	ULPF	VLADIVOSTOKA	RYS	JEB-CA
12616.0	C	1850	ELBE 5	LIBERTY BELL VENTUR	AMVER	RM -IL
12627.5	C	2038	HCYL	ATLANTIC OCEAN	POSITION REPORT	RM -IL
16686.0	R	1940	ABAU	JUSTINE	ARG ABOUT ETA	RMA-IA
16798.0	C	1347	IBFH	URSA MAJOR	MSGS TO IQX	FWB-NJ

*** AERO ***

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
2670.0	U	0118	CG 41485		
2887.0	U	0105	BALAIR 861	WKG FORT MACON	JFH-MA
2887.0	U	0103	CUBANA 477	WKG NEW YORK	JDW-FL
2899.0	U	0108	TWA 884	WKG NEW YORK	JDW-FL
2962.0	U	0229	SCANDINAVIAN 912	WKG NEW YORK	JDW-FL
2971.0	U	0256	AIR CANADA 871	WKG GANDER	JDW-FL
3016.0	U	0210	IBERIAN 952	WKG GANDER	POC-NH
4746.0	U	0155	MAC 40630	WKG SHANNICK	JDW-FL
5550.0	U	0155	AMERICAN 658	WKG CHARLESTON COMMAND	KR -FL
5598.0	U	0426	AVIANCA 010	POSITION REPORT TO N.Y.	KR -FL
5598.0	U	2347	CANADIAN A.F. 377	WKG SAN JUAN	AL -MA
5598.0	U	0330	CLIPPER 189	WKG GANDER	JG -NY
5598.0	U	0129	IBERIA 982	WKG SANTA MARIA	AL -MA
5598.0	U	0429	KLM 774	WKG SAN JUAN	AL -MA
5598.0	U	0354	SPEEDBIRD 207	WKG NEW YORK	AL -MA
5598.0	U	0353	VIASA 716	WKG NEW YORK	AL -MA
5628.0	U	0144	JAPAN AIR 47	WKG SAN JUAN	AL -MA
5658.0	U	0144	AIR FRANCE 483	WKG TOKYO AERO	GEL-CA
5658.0	U	0155	ITALIA 483	WKG KHARTOUM	JG -NY
5692.0	U	0324	CG 1377	WKG KHARTOUM	JG -NY
5696.0	U	1527	A F RESCUE 50213	WKG SAVANNAH	JFH-MA
5696.0	U	1553	A F RESCUE 50981	WKG SAN FRANCISCO	HBB-WA
5696.0	U	0140	CG 1481	WKG SAN FRANCISCO	HBB-WA
5696.0	U	1950	CG 1502	WKG PORTSMOUTH	KR -FL
5696.0	U	1602	CG 1601	WKG SAN FRANCISCO	HBB-WA
5696.0	U	1609	CG 1603	WKG SAN DIEGO	HBB-WA
5696.0	U	0003	CG 1710	WKG HONOLULU	HBB-WA
5696.0	U	2052	CG 2116	WKG MIAMI	HBB-WA
5696.0	U	1953	CG 2130	WKG NMN	JFH-MA
5696.0	U	2353	CG 2141	WKG SAN FRANCISCO	HBB-WA
5696.0	U	0120	CG RESCUE 1485	WKG DISTRICT 8 OPS	JG -NY
5677.0	U	0008	AMERICAN 688	WKG NEW ORLEANS	JDW-FL
5677.0	U	0138	CUBANA 493	WKG NEW YORK	JG -NY
5677.0	U	0140	TRANS AMERICAN 9601	CLG SAN JUAN	KR -FL
6643.0	U	0324	CARDOLUX 744	POSITION REPORT TO N.Y.	KR -FL
6673.0	U	2230	NDAA 42	WKG BERNE LDCC	JDW-FL
6730.0	L	0030	SAM 31682	WKG MIAMI MONITOR	DS -OH
6730.0	L	0508	SAM 31683	WKG P/P VIA ANDREWS	MC -NY
6731.0	U	0102	AIR FORCE 1	WKG ANDREWS	DS -OH
6738.0	U	2355	MAC 67592	WKG ANDREWS	DS -OH
6750.0	U	0116	MAC 90018	CLG ELMENDORF	HBB-WA
8825.0	U	2241	AIR FRANCE 1114	WKG FORMAT	MC -NY
8825.0	U	2240	SPEEDBIRD 267	CLG SAN JUAN	KR -FL
8843.0	U	0122	ALPHA ROMEO 226	CLG NEW YORK	KR -FL
8843.0	U	2336	AMERICAN 7	WKG HONOLULU	HBB-WA
8843.0	U	1554	CLIPPER 12	WKG HONOLULU	HBB-WA
8843.0	U	1616	TIGER 1700	WKG SAN FRANCISCO	HBB-WA
8894.0	U	0147	NIGERIA 810	WKG SAN FRANCISCO	HBB-WA
8964.0	U	2341	WISE 34	WKG NIAMEY	JDW-FL
8989.0	U	2128	MAC 50822	WKG WOODENBAKER	MC -NY
8989.0	U	1630	MAC 60161	WKG LORING USAF	HBB-WA
8989.0	U	2239	MAC 80164	CLG MAINSAIL	HBB-WA
8989.0	U	1730	R 6 176	WKG ELMENDORF	HBB-WA
8993.0	U	0142	MAC 66730	WKG MCCLELLAN USAF	HBB-WA
9014.0	U	1350	OTIS 09	WKG ALBROOK	JDW-FL
11176.0	U	1735	MAC 35111	WKG SCOTT 6CCS	MC -NY
11180.0	U	1617	SAM 24127	CLG ELMENDORF	HBB-WA
11182.0	U	2030	PACER 51	WKG ANDREWS	DS -OH
11282.0	U	2058	NAT 6792	OVER ST. LOUIS @ 41000'	DS -OH
11342.0	U	1305	ASCT 5994	WKG HONOLULU AERO	HBB-WA
13241.0	U	1940	SAM 30501	WKG SAN JUAN	JDW-FL
15015.0	U	2210	MAC 59401	WKG ANDREWS	DS -OH
18002.0	U	2054	MAC 50005	WKG SCOTT AFB	RR -MS
27015.0	A	1525	FLAME BUOYANT	WKG HONOLULU	HBB-WA
27355.0	A	1510	BANANAMAN	BALLOON WKG CHASE CAR	P6 -NM
				BALLOON WKG CHASE CAR	P6 -NM

*** TACTICAL ***

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
3237.0	U	1420	PLEAD CONTROL	WKG PACIFIC QUEEN	GEL-CA
4373.0	U	0711	ALPHA 1 OSCAR	WKG 6 PAPA TANGO	WOD-PA
4416.0	U	1442	JULIET 9 ROMEO	WKG JULIET & SIERRA	GEL-CA
5320.0	U	0253	ANGEL FISH	WKG YELLOW TAIL	JFH-MA
5320.0	U	0218	MAKO	WKG SHARK 314	JFH-MA
5320.0	U	0320	VICTOR 5 GOLF	SETTING RTTY W/HONOLULU	MC -AZ
6693.0	U	1944	SE7Y	RCAF TFC	JPC-NJ
6693.0	U	0031	JULIET 4 ECHO	R/C W/ 3 KILO DELTA	KR -FL
6723.0	U	0208	CLIMAX	WKG BEAVER CONTROL	MC -AZ
6723.0	U	0210	GOLD EAGLE	WKG RASPBERRY MIRAMAR	MC -AZ
6750.0	U	0102	TOE HOLD	WKG MACDILL	MC -NY
6761.0	U	0127	BENZO 34	WKG DUSTMOP	MC -NY
6761.0	U	0038	HAGAN 63	CLG ERRAND BOY	KR -FL
6761.0	U	2317	INTIMATE	CODES MESSAGES	KR -FL
8039.0	L	0120	1 GOLF	WKG 7 DELTA	LT -SD
8771.0	U	2324	RASPBERRY PENSACOLA	WKG CORPUS CHRISTI	JG -NY
8920.0	U	2309	KING 55	WKG PORTLAND RESCUE	DS -OH
8964.0	U	1340	BEST 43	WKG FIRESIDE 3	MC -NY
8976.0	U	0223	BURNING BUSH	WKG YANKEE XRAY 428	MC -AZ
8989.0	U	0157	RALPH 11	WKG MCCLELLAN	DS -OH
8993.0	U	2225	THUNDERBIRD 15	WKG ALBROOK	ES -MA

9023.0	U	1810	GUARDIAN	WKG DRAGNET ALPHA	HBB-WA
9758.0	U	0035	FORWARD	CLG REAR	TA -IA
11126.0	U	2253	DESIGNATE	WKG ALBROOK	HBB-WA
11182.0	U	1357	BASCO 98	WKG SCOTT	DS -OH
11182.0	U	1416	LOT 98	WKG SCOTT	DS -OH
11182.0	U	2135	SENTRY 50	WKG SCOTT AFB	WRB-IN
11243.0	U	1728	INVENTOR	WKG MUG O'BEER	HBB-WA
11246.0	U	1858	LIBRA 01	REQUESTS P/P W/ KELLY OPS	KR -FL
11246.0	U	1346	TODD 43	WKG MACDILL	DS -OH

*** NUMBERS ***

DATE	STRT	STOP	FREQ	M	LL/66	TRAFFIC	CONTRB
10/05/85	0113	----	6802.0	A	SS/YL	4D GROUPS	FW -FL
10/07/85	0613	-0618	5135.0	A	SS/YL	5L GROUPS	PK -IL
10/07/85	0701	-0709	6775.0	A	SS/YL	5L GROUPS	PK -IL
10/08/85	0605	-0614	5135.0	A	SS/YL	5L GROUPS	PK -IL
10/08/85	0702	-0711	6765.0	A	SS/YL	5D GROUPS	PK -IL
10/08/85	0717	-0730	5814.0	A	SS/YL	4D GROUPS	PK -IL
10/10/85	0704	-0721	6875.0	A	SS/YL	5L BRPS	PK -IL
10/13/85	1116	----	11532.0	A	SS/YL	4D GROUPS	FW -FL
10/13/85	2125	----	9121.0	A	EE/YL	5D GROUPS	FW -FL
10/14/85	0121	----	5237.0	A	SS/YL	4D GROUPS	NB -MN
10/16/85	0609	-0610	9650.0	A	SS/YL	'ATENCION 753 08' NO GRPS	PAT-CA
10/16/85	0704	----	6230.0	A	SS/YL	5D GROUPS	PAT-CA
10/20/85	1600	-1610	20350.0	A	GG/YL	FLUTE MUSIC, 5D GROUPS	RR -MS
10/21/85	0106	-0110	6800.0	A	SS/YL	'832', 10-COUNT, 4D GRPS	PAT-CA
10/21/85	0216	-0222	5811.0	A	SS/YL	5D GROUPS	LT -SD
10/21/85	0303	----	4780.0	A	SS/YL	5D GROUPS	PAT-CA
10/21/85	0805	-0815	15460.0	U	SS/YL	5D GROUPS	GN -OH
10/27/85	0615	-0627	7018.0	C	/	5D, SOME HAMS TRIED QSO!	RR -MS
10/28/85	0604	-0610	5762.0	A	SS/YL	5D GROUPS IN PROGRESS	JER-CA

*** BEACONS ***

FREQ	M	TIME	CALL	TYPE	TRAFFIC	CONTRB
13844.6	C	2105	N	SLHFB	RPTD. 'A' ON 13844.8	RR -MS

*** UNIDENTIFIED ***

FREQ	M	TIME	DATE	CALL	TRAFFIC	CONTRB
4362.0	R	0159	10/04/85	78CFJ	100-R TEST TAPE	AL -MA
6302.8	C	0258	10/14/85	RNR 2	SS TFC	ES -MA
8944.9	R	0500	10/01/85		MINREX XMSN 50-425N	EP -CA
14388.0	R	1400	10/20/85	UD 60	RYS, CLG NH 84	FB -FG
16458.0	C	2302	11/01/85	YBU	5D GROUPS	RMA-IA

*** VLF/LF/MW ***

CNTRY.	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BAHM	396.0	C	2118	ZBB	BIMINI	NDB	ID	ML -FA
USA	216.0	C	0140	CLB	CAROLINA BEACH	NDB	ID	ML -FL
USA	257.0	C	2050	SQT	MELBOURNE	NDB	ID	ML -FL
USA	272.0	C	0152	UVR	VARADERO	NDB	ID	ML -FL
USA	275.0	C	2057	FPR	FT. PIERCE	NDB	ID	ML -FL
USA	294.0	C	2100	J	JUPITER	NDB	ID	ML -FL
USA	310.0	C	0202	H	EGMONT KEY LT.	NDB	ID	ML -FL
USA	313.0	C	2102	Z	CAPE CANAVERAL	NDB	ID	ML -FL
USA	322.0	C	2104	X	MIAMI	NDB	ID	ML -FL
USA	356.0	C	2107	PB	WEST PALM BCH	NDB	ID	ML -FL
USA	368.0	C	2112	CKK	FT. MEYERS	NDB	AVIATION WEATHER	ML -FL
USA	405.0	C	2121	UTX	JUPITER	NDB	ID	ML -FL

*** QSLs ***

CNTRY	CALL	DES/ID	NAME/LOCATION	QSL/ POSTAGE/ #DAYS	FREQ	CONTRB
			CARIBBEAN 004	PFC MS 150	5550.0	PDC-NH
			AIR PORTUGAL 354	PFC MS 38D	5598.0	PDC-NH
			CALEDONIA 232	PFC MS 18D	5598.0	PDC-NH
			IBERIAN 982	PFC MS 29D	8825.0	PDC-NH
			WARDAIR 833	PFC 11RC 17D	8891.0	PDC-NH
			TROPIC SUN	PFC MS 42D	12429.2	JMW-CO
AK	KLHC	M/V	KODIAK	PFC MS 34D	8628.5	JMW-CO
AUST	NOJ	USCG	CANBERRA	PFC 21RC 31D	12907.5	JMW-CO
AUST	VIX 5	NAVRAID	LYNDHURST	CARD 12D NO POSTAGE	12000.0	DK -AZ
BARB	8PO	MARCO	BRIDGETOWN	LETTER 21RC 29D	8449.3	JMW-CO
CAN	VCK	CCG	SEPTILES	PFC 11RC 21D	2182.0	PDC-NH
CAN	VCM	CCG	ST. ANTHONY	PFC 11RC 22D	2598.0	EZ -MA
CAN	VCN	CCG	GRINDSTONE	PFC 11RC 19D	2182.0	PDC-NH
CAN	VCO	CCG	SWINEY	PFC 11RC 21D	2182.0	PDC-NH
CAN	VCS	CCG	HALIFAX	CARD 11RC 36D	6491.9	EZ -MA
ETRE	EIP	AERO	SHANNON	LETTER MS 15D	8957.0	PDC-NH
FRAN	FTN 68	FTS	PARIS	PFC MS 19D	13685.0	PB -NH
HI	NMD	USCG	HONOLULU	CARD 11RC 24D	8765.4	EZ -MA
HI	WWVH	SFTS	KAUAI	CARD NO POST 12D	15000.0	LEV-PA
ISRL	4XD	MARCO	HAIFA	PFC 21RC 41D	17146.4	JMW-CO
JPAN	JMA	VOLMET	TOKYO	CARD 21RC 36D	6679.0	JMW-CO
MADE	CUB	MARCO	FUNCHAL	CARD 21RC 25D	8461.0	JMW-CO
MEX	XFC	MARCO	COZUMEL	LETTER 21RC 41D	8580.5	PB -NH
MEX	XFE	MARCO	ENSENADA	PFC 11RC 54D	8562.0	PB -NH
NZEL	ZKAK	AERO	AUCKLAND	PFC 21RC 30D	8828.0	PB -NH
PANA	AFH 3	USAF	ALBROOK	PFC MS 21D	15015.0	PB -NH
PORT	CTV 8	NAVRAID	LISBON	LETTER 21RC 49D	8641.0	JMW-CO
SOAF	ZUO	SFTS	PRETORIA	MAR CARD 11RC 245DAYS	50000.0	JB -NY

THAI		AERO	BANGKOK	PFC 2IRC 47D	6676.0	JMW-CO
USA	CPK	NDB	CHESAPEAKE	PPC 7D	215.0	HH -MD
USA	KAE 728	MARCO	OAKLAND	CARD MS 52D	12432.3	JMW-CO
USA	KUF 773	MARCO	MARCUS HOOK	PFC MS 42D	12492.2	JMW-CO
USA	KVK	NOAA	MIAMI	PFC MS 42D	12432.3	PG -NM
USA	KWS 643	MARCO	OAKLAND	PFC MS 13D	12429.3	PG -NM
USA	NMA 21	USCG	ST. PETERSBURG	PFC 1MS 10D	2182.0	POC-NH
USA	NMF	USCG	BOSTON	CARD 1MS 30D	2670.0	EZ -MA
USA	NMK	USCG	CAPE MAY	LETTER 1MS 33D	2670.0	EZ -MA
USA	NMN 37	USCG	PORTSMOUTH	PPC 1MS 12D	2670.0	EZ -MA
USA	NMN 80	USCG	HAMPTON ROADS	PFC 1MS 9D	2182.0	POC-NH
USA	NMY 41	USCG	SHINNECOCK	PFC 1MS 23D	2182.0	POC-NH
USA	WBU 20	FEMA	OLNEY	LETTER NO POST 14D	180.0	EZ -MA
USA	WKM	MARCO	NEW HAVEN	PPC 1MS 6D	8534.0	EZ -MA
USA	WLO	MARCO	NEWBLE	LETTER 1MS 10D	17208.0	EZ -MA
USA	WMH	MARCO	BALTIMORE	LETTER 1MS 6D	12952.9	EZ -MA
USA	WNU	MARCO	SLIDELL	CARD MS 72D	13011.0	JMW-CO
USA	WOM	MARCO	PENNSUCO	CARD 1MS 8D	8793.3	EZ -MA

*** CONTRIBUTORS ***

NAME	INI-ST	RECEIVER
AKED, ROGER	RMA-FR	EDDYST. 1650/2
ALDRICH, TOM	TA -IA	
ALEXANDER, RODNEY	RMA-IA	R 70
BEAL, BART	HBB-WA	R 4C
BEAVER, WILLIAM R.	WRB-IN	FRG 7700
BELGHAUS, FRED W.	FWB-NJ	R 71A
BERKHOLTZ, N.	NB -MN	
BERRI, JASON E.	JEB-CA	
BODENHAGEN, FRED	FB -FG	SATELLIT 3400
CHABAK, MIKE	MC -AZ	
CHINGSKEY, MARK	MC -NY	ICF 5900W
CIRONE, JOSEPH P.	JPC-NJ	R 70
COLEMAN, R.J.	RJC-MA	
CONWAY, PETER A.	PAC-UK	COLLINS 57J-4
DICKERMAN, WILLIAM O.	WOD-PA	
FLEISCHAKER, TED	TF -KY	
FLYNN, ED	EF -CA	NRD 515
GERSTNER, JOHN	JG -NY	DX 1000
GRANONE, PAUL	PG -NM	FRG 7
HEINEN, WAYNE	WH -CO	
HENAUT, JOHN	JFH-MA	R 2000
HOLBROOK, HANK	HH -MD	
JONES, BRIAN	BJ -TX	R 70
KERRIGAN, PATRICK	PK -IL	
KLINGENFUSS, JOERG	JK -FG	R 7
KUSTRAL, DAVE	DK -AZ	RF 2200
LEONARD, MICHAEL	ML -FL	
LEVISON, ?	LEV-PA	
LEWKOWICZ, ABE	AL -MA	DX 302/ICF 2001
LYND, B.E.	GEL-CA	DX 1000
MARGOLIS, ROBERT	RM -IL	
MOORE, ALEX	AM -UK	R7
NEFF, G.	GN -OH	
O'CONNOR, PETER	POC-NH	DX 302
ROBERTS, KEN	KR -FL	R 2000
ROCKER, RAYMOND	RR -MS	FI 7576X
ROSS, ROBERT S.	RSR-ON	FR 101S
SHAMBLIN, BILL JR.	BS -AR	R 71A
SHEEDY, DAN	DS -CA	R 70
SODMRE, ED	ES -MA	
STONE, GARY	GS -WA	R 70
SYMINGTON, DARYLL	DS -OH	R 71A
SZALONY, LEONARD	LS -CA	TS 930S
TAYLOR, LYLE	LT -SD	FRG 7700
THOMPSON, GLENN	GLT-NM	R 71A
THOMPSON, PERKY PEGGY	PAT-CA	FRG 7
TROTTO, RON	RT -FL	CR 2021
WHITE, FRED	FW -FL	NRD 515
WILKINS, JOHN	JMW-CO	R 1000
WILLIAMS, JOHN D.	JDW-FL	ITT 3010/R 7A
YAMADA, KOJI	KY -JP	NRD 515
ZEIGLER, ED	EZ -MA	R 2000

MORE CORRECTIONS Here are some more corrections to past columns:

ISSUE	COLUMN	WAS	COULD BE/SHOULD BE	SOURCE
85/07	NORTH AMERICA	19480/DIXON	QSLs AS BETHANY	IK -UK
85/07	EUROPE	ENG/11142	QSLs AS KRH 51	IK -UK
85/07	AFRICA	IRAQ	BAGHDAD IS INACTIVE	IK -UK
85/07	UNIDENTIFIED	B384/CLG RCV	RCV IS MOSCOW NAVRAD	IK -UK
85/07	UNIDENTIFIED	1B731	PRDB IS STN 244, NOUAKSCHOTT	IK -UK
85/10	EUROPE	MSF/LONDON	MSF/RUGBY	LJC-WV
85/10	AFRICA/MIDDLE	6336.5/ZRQ 3	6336.5/ZRH 6	WOD-PA
85/10	SOUTH AMERICA	8614/ZYC	8613.2/GYC 4, LONDON NAVRAD	WOD-PA

RANDOM NOTES: Now that I have enough space, here is some of the information I have been accumulating throughout the summer:

NEW USCG CUTTERS: A. Anonymous supplies this list of new cutters:
USCGC FARALLON (WPB-1301) USCGC MANITOU (WPB-1302)
USCGC MATAGORDA (WPB-1303) USCGC MAUI (WPB-1304)

These new cutters, pre-commissioning in Miami, are painted dark gray, almost black, to aid in anti-drug smuggling operations in night seas. Call signs are not known at this time.

FREQUENCIES: Marge Witte supplied these freqs in use during the Mexico earthquake disaster:

FREQ	M	ID
3778.0	L	American Red Cross, L.A.
14208.0	U	USA Embassy, Mexico City

And Alan Nacht got these San Juan-to-NYC flight freqs from a friendly navigator: 6577.0, 8918.0, 11396.0

QSL ADDRESSES WANTED: Mike Agner, 301 North Progress Ave Apt. G-10, Harrison PA 17110: needs the address for KJY 74.
Paul Granone, 7521 Roehl Ct NW, Albuquerque NM 87107: needs the address for Y5M, Ruegen MARCO, GDR. Harold Woering, 48 Campbell Dr., Easthampton MA 01027: needs the address for the Queen Elizabeth II steamship. Harold received the QEII on 4092 khz.

Note to any of you having trouble IDing stations: The SPEEDX MASTER CALLSIGN LIST is still available from me. Updated monthly from your logs, this computerized callsign/id/country list is available in two forms: LIST A presents the stations in callsign order. LIST B has the same info in order by station type (MARCO, AERO, etc) and then in order by country and callsign. Each list presents callsign, city, id, and country. The lists are available first-class mail postpaid for \$3 each or both for \$5. Specify LIST A or LIST B or both when ordering from the address at the beginning of this column. Currently, the personalized 8.5 x 11-inch lists run about 24 pages long each, about 1250 stations.

RTTY PRESS SCHEDULES: Nicolas Delaunoy, 54 Grand Rue, 91100 Saintry Sur Seine, Corbeil-Essonnes, France, has a computerized time/freq schedule of FF and EE RTTY press agency transmissions available. More than 220 entries are in the list, and the list is updated every six to eight weeks. A sample by airmail is available for 2 IRCs in Europe and 3 IRCs elsewhere. The list is named RADIOPANORAMA RTTY.

KLINGENFUSS DOES IT AGAIN: Joerg Klingenfuss, UTE DXer Extraordinaire, has published the fourth edition of his GUIDE TO UTILITY STATIONS. As in the third edition, this text includes the GUIDE TO RADIOTELETYPE STATIONS. Joerg has listed stations and allocations for frequencies from 9 khz through 30000 khz, plus useful charts, tables, and reference information. Joerg is very thorough in his research, relying on a complex monitoring procedure (not listings) to come up with a complete and up-to-date station listing. This edition also includes call-sign cross-references, various codes, alphabetical and chronological press schedules, and alphabetical country/call/freq/time reference guide to FAX stations. Joerg has refined his craft over the years to make his GUIDEs one of the premier UTE DXer reference works. I use the GUIDE when composing this column to identify or verify UTE station IDs. The GUIDE is published in FRG but is available here in the states from most SW radio supply houses. I estimate the cost in the US to be between \$12 and \$15.

Well, that's about all I have for now. To you and yours, have some happy holidays, some good winter DX, and I'll be back again in 1988.

73's and BEST DX!.....





two-sided category of arguments and complaints. I have found it to be as friendly as NASWA, so keep up the good work.

Ron Trotto, St. Cloud, Florida

The discussion Ron refers to appeared in F.V. Zichi's *SH Review* in the October and November editions of *SHL*, ASWLC's publication. As for *SPEEDX*, we receive comments in both directions... some people wish we had more articles and reviews, and some wish we'd drop all the articles to make more room for loggings! Ricl Drollinger and I hope that we provide a good balance between the two, and generally, I believe that we succeed. As I am constantly saying, however, we really would like to know what your comments are, good or bad, about *SPEEDX*. Why not drop me a line today with your ideas?

HELP FOR RECEIVER BUYERS

Gilfer Associates, P.O. Box 239, Park Ridge, NJ 07656, has a new book in stock that should help make buying a new receiver a little easier... and less of a gamble. The book is *Radio Receiver - Chance or Choice*, by Rainer Lichte, and it includes reviews of dozens of worldwide shortwave receivers, including today's most popular models. Mr. Lichte did all of the spec measurements himself under the same conditions, which alone makes the book's technical details a benchmark for performance comparisons. This book is not cheap at \$18.50 plus \$1.50 shipping, but its 256 pages may just save you hundreds of dollars by helping you select the best value for your hard-earned cash. Order from the address above or check your local radio shop or bookstore.

PRODUCT MENTION POLICY

This brings me to a question which I've received from both members and manufacturers lately: Who picks what books, magazines and equipment get mentioned in *SPEEDX*? Our policy is that only products which have actually been personally used or inspected can be reviewed in this magazine. For example, I recommend the book I reviewed above... because I have had the chance to read the book at length and I believe it to be a valuable resource if you're in the receiver market. *SPEEDX* does not run manufacturers' spec sheets or press releases without first having a staff member investigate the claims made by the manufacturer. We firmly believe that our first responsibility is to our membership, and since we accept no advertising, we can be responsible without worrying about lost revenue. Additionally, if a staff member was discovered to be accepting free gifts from a dealer or manufacturer in return for special treatment in *SPEEDX*, I can assure you that he or she would be off this staff immediately. The products we occasionally receive from dealers or manufacturers for review purposes are returned to the owner as soon as the review is completed. Anything we keep, we pay for.

So you can rest assured that if something is reviewed in *SPEEDX*, the person writing the article has actually seen or used the product. This is not a 'Good Housekeeping' guarantee; YOU may still not agree or like the product yourself, but it is an independent opinion of the product, both positive and negative, instead of merely the positive side which is so often presented in advertisements and press releases.

MARE FOR MICHIGAN



*SPEEDX*ers living in Michigan (or Ontario, Ohio, or Indiana) are invited to join the Michigan Area Radio Enthusiasts. The group meets every other month or so, usually in the Detroit area, but occasionally in Grand Rapids. MARE also has regular DXpeditions at a Michigan recreation area near Brighton, where hunters have a tendency to get curious about beverage antennas and start rolling the wire up to see where it leads, hi! If you'd like information on MARE (ye publisher is a member), please write to Don Hosmer, 24500 Union, Dearborn, MI 48124. Tell 'em that *SPEEDX* sent you!

That's all the room I have. Happy holidays from the Kepharts! 73.

Tom

CONTRIBUTORS LIST:

DECEMBER 1985

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER
354 N. WINSTON DRIVE, PALATINE, IL 60067 U.S.A.

TOTAL CONTRIBUTORS: 176

7	ABBINANTE, PHIL	IL IC-R71A	6	KUSTRA, DAVID	AZ RF2200
1	ABERNATHY, MILES	TX	2	LANGLOIS, HAROLD	FL
2	ADAMS, ROBERT	MA R2000	1	LAY, RUSSELL	GA
4	ADDISON, JOE	KS R600	1	LEHMAN, DIANN	MA R2000
1	AKED, ROBER	FR 1650/2	5	LEMKE, RICHARD	AB IC-R71A
10	ALDRICH, TOM	IA CR2021	3	LEONARD, MICHAEL	ME ICF2002
1	ALEXANDER, DUKE	TX	7	LEVINSON, HAROLD	PA IC-R70
1	ALEXANDER, RODNEY	IA IC-R70	4	LEWKOWICZ, ABE	MA DX302
4	BAIR, MASON	CA IC-R70	1	LINDLEY, TERRY	AL
1	BEAL, HOBART	WA R4C	1	LINDNER, BRUCE	OR
5	BEAVER, WILLIAM	IN FR67700	1	LYND, GLENN	CA DX1000
1	BELGHAUS, FRED	NJ IC-R71A	1	MACGIBBON, BRUCE	OR R1000
5	BERKHOLTZ, NICHOLAS	MN RF2800	1	MACRIE, VIRGINIA	NJ R2000
8	BERRI, JASON	CA RF2900	1	MANDERSCHIED, MIKE	CA ICF2001
5	BINGHAM, FRANK	MA ICF2010	1	MARGOLIS, ROBERT	IL
5	BISHOP, FORREST	NY RF4800	3	MARSHALL, RONALD	AZ
2	BLAIR, ARTHUR	CA R1000	3	MARVIN, TIM	CA R600
1	BODENHAGEN, FRED	FG SAT 3400	3	MENDEZ, LUIS	NJ R1000
1	BOEHNKE, CHARLES	HI	3	MERRIFIELD, FRANCES	NY
2	BOWDEN, RALPH	CA FR67700	7	MILLER, WILLIAM	CA
4	BREWER, DON	AR R1000	3	MIYAUSHI, SATOSHI	JP TS430V
6	BROWN, EDWARD	IL RF2200	1	MOORE, ALEX	UK R7
3	CARD, PETER	RI NRD505	1	MORIN, KATHY	ON RF3100
2	CARLSON, VIRGIL	WA IC-R71A	1	MOSER, ROBERT	IL
12	CEREGHIN, JOHN	MD DX400	1	MUNSTER, RALPH	GA R7/DR7
12	CHABAK, MIKE	AZ	2	MUZYKA, WILLIAM	NY RF4900
5	CHICKERELL, LARRY	WV DX400	1	MCCANTS, DON	AL RF2200
1	CHINSKY, MARK	NY ICF5900W	1	MCCANTS, DONALD	AL ICF2001
2	CIRONE, JOSEPH	NJ IC-R70	5	MCKINNEY, LARRY	PA R1000
3	CLAYTOR, DAVID	MI R1000	1	NACHT, ALAN	NY R2000
1	COLE, JACQUELINE	CO FR67000	5	NEFF, GEORGE	OH
5	COLEMAN, ROBERT	MA FR67	3	NEUVERTH, MICHAEL	CO DX400
1	CONWAY, PETER	UK 57J-4	1	NORCROSS, DAVID	CA
3	D'ANGELO, RICHARD	PA NC190	10	NOWICKI, MICHAEL	CA IC-R71A
1	DAMPIER, PHILLIP	NY DX400	3	O'CONNOR, PATRICK	NH FR67
1	DANKO, LARRY	NJ IC-R70	6	ORR, TONY	FL R600
3	DE CASSAN, FERDINAND	AU IC-R70	4	PALMER, BOB	WA IC-R71A
4	DECKMAN, MIKE	CA IC-R70	1	PFEFFER, MORRIS	NY RF2200
3	DENMITT, JOHN	PA HOMEBREW	3	PRATH, JOHN	FL IC-R71A
3	DENTON, STEVE	KY DX160	3	REISS, KEN	MO
4	DEVENDORF, CHRIS	CA IC-R70	6	ROBERTS, KEN	FL R2000
7	DICKERMAN, WILLIAM	PA DX400	6	ROBINSON, BETSY	TN FR67700
5	DILLON, PETER	MD DX400	2	ROCKER, RAYMOND	MS FT7570X
3	DUCOS, PIERRE	FR SAT 3400	4	ROMANIN, GIORGIO	IT
1	EMERSON, TERRY	OR R2000	1	ROMBERG, BILL	WI
1	EVANS, JAMES	TN R2000	4	ROSS, ROBERT	ON TS430S
2	FANULARO, RALPH	JP RF-830	5	RUHE, ROBERT	PA DX400
3	FENYER, MICHAEL	AZ R600	4	SABLE, THOMAS	PA TS430S
4	FISHER, ALLEN	NM	1	SAMS, MITCH	KS
1	FISHER, JOHN	MA R2000	2	SANDERSON, JACK	AZ R1000
2	FLEISCHAKER, TED	KY ICF2010	3	SCHMAUTZ, SCOTT	NY
1	FLYNN, ED	CA NRD515	8	SHAMBLIN, BILL	AR IC-R71A
3	FORSBREN, RAY	WI FR67700	15	SHARP, DAVID	FL R600
2	FRASER, BOB	MA CR2021	1	SHARPE, BRYAN	CA DX302
1	FREEMAN, JOHN	AZ HQ160	4	SHEEDY, DANIEL	CA IC-R70
3	FRENCH, ROBERT	MD NRD505	1	SHIMADA, SENSHU	JP FR67700
2	FRIBERG, JOHN	NH R2000	1	SHONDER, JOHN	IL IF2010
2	FROEMMING, GARY	AZ TB430S	9	SDOMRE, EDWARD	MA R2000
5	BERSTNER, JOHN	NY DX1000	1	STAATS, KEITH	IL R600
3	GOODMAN, JOEL	IA R600	4	STEPHENSON, NORMAN	CA IC-R70
2	GRANONE, PAUL	NM FR67	4	STONE, GARY	WA IC-R70
4	BRAY, J. SPEED	MI IC-R71A	1	STRANSKY, LARRY	NY R2000

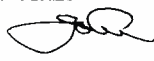
2 GROSVENOR, NORMAN	CA FR87	1 SYMINGTON, DARYLL	OH IC-R71A
1 BURLEY, TED	TX R600	1 SZALONY, LEONARD	CA T89308
1 HARNISH, HERB	IN RF3100	2 TAYLOR, LYLE	SD FR87700
1 HARRIS, MICHAEL	OH IC-R71A	4 THOMPSON, GLENN	NM IC-R71A
3 HAWK, MICHAEL	VA	5 THOMPSON, PEGGY	CA FR87
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9 HEINEN, WAYNE	CO R390A	1 TRENT, JOHN	AK RF2900
1 HENAUT, JOHN	MA R2000	4 TROTTO, RON	FL CR2021
5 HESCH, RUTH	NY R1000	1 TRUMMEL, KEVIN	FB FR87700
4 HEVERN, VINCENT	NY IC-R70	2 VALENTINE, F.A.	CA IC-R70
1 HOLBROOK, HANK	MD HQ129	5 WEBER, DONALD	OH
7 HUFFAKER, CARL	MX HOMEBREW 4	4 WEIKEL, FRANK	MI 8-38E
3 HUNT, BILLY	NC NR515	5 WELCH, FRANK	MA ICF6800W
10 JOHNSON, MARK	ID DX302	2 WEYRICH, CARROLL	MD RF4900
2 JONES, BRIAN	TX IC-R70	5 WHITE, DARREN	MS
4 KAESSINGER, ROBERT	FB R2000	6 WHITE, FRED	FL NR515
2 KERRIGAN, PATRICK	IL R1000	1 WILKINS, JOHN	CO R1000
1 KLINGENFUSS, JOERG	FB R7	1 WILLIAMS, JOHN	FL ITT3010
3 KLOPFENSTEIN, DAVE	OR NRC60	1 WIMMERS, BERNIE	VA R1000
1 KLOBOWSKI, LORI	FL CR2021	5 WITTE, MARJORIE	CA FR87
8 KNAPP, JEFF	WV R2000	1 YAJKO, ROBERT	PA
2 KNIGHT, ROBERT	WA DX400	1 YAMADA, KOUJI	JP NR515
1 KOBYLSKI, TONY	MD FR87	1 YEAGER, CARL	PA
1 KRIST, KRAIG	VA	2 ZIEGLER, EDWARD	ME R2000
1 KUSALIK, ED	AB FR87000	4 ZILMER, ROBERT	NM R1000
1 KUSTRA, DAVE	AZ RF2200	4 ZIRKELBACH, BOB	CA R2000

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 FOR SALE: Franklin 24 hour clock, large 8 inch face, \$15. KS preselector, tunes 2 to 30 MHz, \$20. Both in excellent condition. Victor Orlando, 1711 Robinson Avenue, Havertown, PA 19083. Phone (215) 853-2878.

 FOR SALE: Yaesu FRG-7700 with memory, manuals, \$300 if you pay shipping, \$400 if I pay shipping. USA-DOT location identifiers/F.A.A. Contains 2 and 3 letter codes, number-letter codes, Canadian codes and U.S. overseas D.O.D. codes. Make offer - you pay shipping. Lyle Taylor, P.O. Box 2024, Rapid City, SD 57709-2024. Phone (605) 343-4384.

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