

SPEEDY

The DX Radio Magazine for Active SWL's

Volume XV

January 1985

Number 1



**RADIO ICELAND
AT LAST!**

SPEEDX SPOTLIGHTS

THESE SPECIAL DX'ers and SWL's

David Sharp, Editor

17602 Meadowbridge, Lutz, Florida 33549

Deadline: 12th of month

This month, several members have started the year off on a positive note. Let's take our hats off to the following new Full Members:

Eric Cooper.....CA
Clayton Harada....CA

Randy Noak.....IN

Ron Trotto.....FL
Michael wegner....TX

You all have done good. Your efforts have been rewarded with a copy of the SPEEDX Constitution and a Full Membership certificate. Y'all also now enjoy full voting rights in all SPEEDX elections. Congrats, gents!

This month, we welcome 33 new and rejoining members to our DX family.....

J.W. Deese-Lexington, KY
Ted Habak-Wheeling, WV
Robert Geraughty-Sun City West, AZ
Robert Stephenson-Ballwin, MO
Frederick White-Old St. Augustine, FL
Steve Jackson-Monroeville, IN
Edward Balaker-Sun City West, AZ
Mike Balistreri-St. Paul-MN
Dennis Dimick-Arlington-VA
Yamamoto Kiichirou-Gunnaken, JAPAN
David Anderberg-Tujunga, CA
Albert Arnold-Chesterfield, VA
Stephen Malone-Westwood, NJ
George Bonanno-Clifton, NJ
Alfred Rapillo-North Hollywood, CA
Paul Zecchino-Narragansett, RI
Pieter Martins (R. RSA)-Johannesburg, S. AFRICA

Robert Golay-Phoenix, AZ
John Freeman-Phoenix, AZ
Floyd Walker- Fort Wayne, IN
James Morris- Westchester, CA
Rich Bisignano- New York, NY
John Bellantoni-Ithaca, NY
James Ricker-Jacksonville, FL
John Boutin-Duluth, MN
Earl W. May-Vienna, VA
Jon Spencer- St. Joseph, MO
Sam Stokes-Long Beach, CA
Dick Santy-Harrisburg, IL
Charles Willet-The Dalles, OR
David Rubin-Revere, MA
Erik Wheeler-Pittsford, VT
James Cooke-Alden, NY

A "big" SPEEDX welcome to each and everyone of you! Y'all have taken the first step to full membership by joining. Now, the rest is up to you. To see your name on the top of the page, all you have to do is start sending your loggings and contributions to your favorite columns by the 12th of each month. However, if you don't want to spend all of your money on the cost of mailing the contributions (especially overseas members) all you have to do is send all of your loggings to Peggy Thompson, our Central Distribution Editor (her address is on the back cover.) Deadline for Peggy is the sixth of each month.....so what could be easier? You help fellow DXers by contributing to your favorite columns, and your active participation in the magazine helps you earn Full Membership status. Hope to see your name in the pages of SPEEDX.

See you in DX Montage,

Best + 735, David

SPEEDX

The DX Radio Magazine for Active SWL's

UP FRONT

TCM KEPHART
P.O. Box 2041
Mt. Pleasant, MI 48858

Deadline: 12th

Hello, SPEEDXers, and welcome to 1985!

This is the very first edition of a new SPEEDX column to be edited by the publisher and/or the managing editor. For the first one, I'm pleased to say that I'm the editor, hi. This column will serve several purposes, which I'll outline below...

- 1) UP FRONT will give you a quick look at some of the highlights of each month's issue, as well as some of the topics that will be featured in upcoming magazines.
- 2) UP FRONT will have the latest news about SPEEDX products, projects, and other club news.
- 3) UP FRONT will also, with your help, become a membership forum. Often the members of the Board of Directors receive letters from members which the writers would like to share with the entire club. Now, in UP FRONT, you can address your comments, suggestions, or whatever, to the whole membership. Just a couple guidelines: Please be as brief as possible without sacrificing your meaning, and CLEARLY LABEL all letters to be considered for printing with the words "UP FRONT," your name, and complete address. No letters will be printed anonymously, sorry. Rick Drollinger and I are eagerly awaiting your contributions. Also, send all letters to publishing headquarters at the address above.

Well, that wasn't so bad after all. Now some notices...

Chris Lobdell's STATION SKEDS does not appear in this issue. I suspect it has once again been lost in the mails. It will reappear, with both January and February's skeds, next month. We apologize.

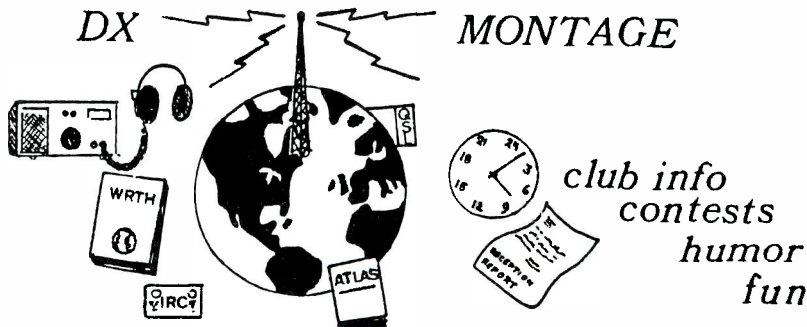
Another apology for the tardiness of this issue. Christmas and New Year's fell on just the right set of dates to cause the maximum delay in assembling, printing, and mailing. Between my family's Christmas visits and the printer's days off, this issue should get to you around the 11th in the United States. We almost didn't beat SPEEDXGRAM, hi. Anyway, I'm sorry, and promise that it won't happen again...at least until next January. I'm afraid to even look at the calendar.

Finally, a quick word about "the new SPEEDX." That refers specifically to our new, flexible-sized bulletin. But it also includes the club as a whole. The flexible bulletin means you'll get larger issues (with more loggings, articles, and new columns) in the peak DX season, and smaller (but still valuable) issues in slack times. All for the same price. Intrigued? Well, we hope you will be as much as we are. I'm not even sure how big the February SPEEDX will be, except it'll be larger than 60 pages, if everything holds true to form. Oh oh, end of page! 73, see you next month!

Take care!
Tom

DX

MONTAGE



club info
contests
humor
fun

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

JANUARY, 1985

Howdy folks, and welcome to the first DXM for 1985. I sincerely hope that your holiday season was the greatest, and that the New Year will bring you peace and prosperity. With those good thoughts in mind, let's take a look at what the membership has been sending in.....

New Booklets for the hobbyist NOW AVAILABLE! SPEEDX proudly announces two exciting new booklets for 1985. The SPEEDX Guide to African Listening, or "SGAL" for short, is a 20 page booklet on DXing Africa, the vast, diverse continent. Authored by David Sharp, the booklet includes sections on station features and profiles, African languages and instruments heard on the air, a QSL primer and a QSL "parade." A listing of African stations rounds out the booklet. Cost in North America is \$2.00 (\$1.75 to full members) or 7 IRCs. Airmail to the rest of the world is \$3.00 or 10 IRCs. Our second booklet, authored by Mark Johnson, is The First Shack: Pitfalls and Problems. This 12 page pamphlet contains everything you need to know about setting up your first shack. Included are details on shack location, accessories needed, equipment arrangements, etc. Cost in North America is \$1.50 (\$1.25 to full members) or 5 IRCs. Airmail to the rest of the world is \$2.00 or 7 IRCs. You can order these booklets from headquarters in Tucson. No personal checks accepted outside U.S.A.; overseas, use International Money Order or Bank Draft. Go get em! ds.

New SPEEDX Report to air on RSA! Over the past years, HCJB has been carrying the SPEEDX Report over the DX Party Line. We are now proud to announce that Radio RSA will also have similar reports, though only on a monthly, and not weekly basis (as HCJB.) We are not yet sure of the broadcast schedule over RSA, so we hope you'll listen out for them. Currently, the reports on HCJB can be heard on the Saturday DXPL.....

RCI's future in doubt: Though we can only hope this is a "Radio New Zealand" type of rumor, Lori Klosowski-FL passes on information that, unfortunately, may prove otherwise. Due to austerity measures imposed by the new Progressive Conservative government, rumors are circulating that RCI will be either separated from its parent corporation, the CBC, or closed down. On the 10-12 edition of the mailbag show, Gerard Rejskind said that they don't know yet how the budget cuts will affect RCI. There is a possibility that there will only be a 9 to 10% cut in funds, though the ORF mentioned on "Shortwave Panorama," Sunday night (10-12) the possible termination or separation of RCI. Also, the Canadian press has spread these rumors. Let's give RCI our support. (I tried calling the head office for RCI in Montreal, and they would not comment on these allegations, nor would they admit that anything along the lines of termination or separation was going to occur. Apparently, even RCI is a bit unsure about things at present. We'll try to keep you informed. ds.)

HOPE TO HAVE YOUR COMPANY ON THE NEXT PAGE!

Pt. 2: Time Seems to Pass Greenwich By, but It Begins There Still: This month, we end our series by looking into the history of the Prime Meridian, as carried in a recent Wall Street Journal article by Erik Calnius, and forwarded to DXM by Abbie Mathew-MA: In 1675, Charles II ordered an observatory be built in Greenwich. The need for the observatory was pressing: Although a method for determining latitude at sea was available to navigators, none existed for determining longitude. Without knowing his longitude, a navigator sailing east or west really didn't know where he was. In the years that followed, a succession of royal astronomers set up their telescopes in Greenwich, recording the positions of the heavenly bodies.

It took nearly a century, but, in 1767, the observatory issued its first annual nautical almanac, which predicted the position of the moon and stars relative to Greenwich. The resulting equations which followed soon created problems in determining time. Taking this problem to an extreme, you could say that as the morning sun sweeps across town, it is actually fractionally earlier on the west side of a north-south street than it is on the east side. In crossing the street, then, should you set back your watch? In 1870, Charles Ferdinand Dowd, had a solution to the problem: time zones. Each zone would be one hour, and 15 degrees apart, neatly marked off from Greenwich, England.

Greenwich was not officially named the world's prime meridian until 1884, however, when the decision was put to a vote at an international conference in Washington, D.C. There was great controversy as to where the prime meridian should be; the French, of course, insisted on Paris. (They said they would accept the Greenwich meridian if the British would adopt the metric system. In the end, the French clung to Paris time until 1911, and the British to this day use feet instead of meters.)

But Greenwich had the votes. The site astronomers had used for centuries as a base for their telescopes was already zero longitude for most navigators and map makers. Furthermore, it was Greenwich that in 1833 took upon itself the task of being the world's time keeper, lowering a large canvas ball from the top of the observatory tower at precisely one P.M. daily. For 83 years following the meetings in Washington, the Greenwich Observatory remained the time keeper of the world, that is, until 1966, when the atomic clock was invented, and with it, went much of the significance of the observatory.

Today, the atomic clock and telescopes built in southern England have stripped the Royal Greenwich Observatory of much of the scientific purpose it has had for the last 300 years. Even GMT, which was the blending of several British timepieces, has been superseded by UTC, which is an averaging of time from 80 atomic clocks in 24 countries by the Bureau International l'Heure in Paris. The French really got their revenge. But despite UTC, the world's time zones still use Greenwich as a starting point, and the prime meridian is still considered zero longitude for navigational purposes. (Thanks again to Abbie for sending this in. ds.)

Radio Transmitters and Possible Health Risks: An internal debate at the EPA over the extent of human health risks from broadcast radiation has delayed plans to recommend Federal limits on the strength of television and radio transmitters, according to agency officials. The proposed limits are now stalled because a small group of agency officials argued on the grounds health risks from such radiations were minimal and industry's cost with complying with the regulation might be great. If approved, the proposal would force some broadcasters in dense urban areas to cut the power of transmitters and raise antennas, or possibly move their transmitting facilities to less populated areas.

The International Radiation Protection Association and the National Council on Radiation Protection and Measurements, a Congressionally chartered private corporation, have both called for broadcast standards five times more stringent than the voluntary limits now followed by the broadcasting industry in the United States. (Thanks to Ruth Hesch-NY for forwarding this from a recent New York Times. Hope you had nice holidays, Ruth. ds.)

USPS officials have announced that beginning in February, the cost of mailing a first class letter will go up to 22¢. Post cards will also increase by one cent, to 14¢.

MORE TIPS APPEAR ON THE LAST PAGE!

Pin the Tail On Ye Ed: Last month, I wanted to know which birds were featured in the interval signals of Zambia, New Zealand, and South Africa. We had several members, who knew that the birds heard, respectively, are the Fish Eagle, New Zealand Bellbird, and the Bokmakierie. Winner of the one year sub to the SPEEDXGram is Neil T. Greenidge-NY. Several other members will be getting a consolation prize; you folks are: David Claytor-OH, Ron Trotto-FL, James Evans-TN, and Daryll Symington-OH. Congrats to everyone who entered. Now, the competition for this month: The slogan for RRI stations is, "Sekali di udara tetap di udara." What does this phrase mean in English? First person with exact translation will win a copy of the Guide to Soviet Broadcasting. All who enter will get the usual membership credits. Good luck...ds.

Part Four: Radio Dublin, Ireland: Although Radio Dublin provides invaluable services for the people of the Irish capital, it appears the Irish government will try to introduce legislation to set up a commercial radio network in the country. If this is successful, closing down all of the independent radio stations may be a reality. Radio Dublin has applied for a MW and FM license, and it is suspected the application will be successful. If granted, Radio Dublin will also apply for a SW license, officially putting the Emerald Isle on shortwave maps.

Currently, you can hear Radio Dublin on 6910 kHz at about 0200 UTC when propagation condx to Europe are favorable. Correct reception reports are verified with a QSL card. Address your reports to: Radio Dublin, 58 Inchicore Rd., Dublin 8, Ireland. (We thank Radio Dublin for their cooperation in making this series possible. ds.)

With Radio It's a Small World, By: Don Brewer-AR: The appointment of John Beck to succeed Clayton Howard as DX Party Line host at HCJB as announced in the Aug/Sept. issue of ANDEX International caught my attention with the fact John had college degrees from Manhattan (KS) Christian College, and Kansas State University. I served as news director of KSU's KSAC for nine years, and worked across the street from MCC, doing volunteer publicity and radio work for them.

I wrote John promptly to introduce myself and suggest that we might have met during those years we were across the street from each other. John fired back this reply:

"Yes, we have met at KSU. I was the skinny kid who used to come over from MCC and beg old wire copy from you so we could read news on KMCC AM (our carrier current station at MCC.)"

I indeed do remember a kid who used to come into the KSAC newsroom to ask for unused Associated Press wire copy from out of the discard basket. However, I don't recall he was particularly skinny! Nor did I dream that one day I would be hearing his voice on the "Voice of the Andes," a station I have been listening to from time-to-time since before he was born! (Txn again to Don for this amusing article. Gee, Don, it really must be a small world, huh? ds.)

Idaho DXers...Lookie here! For those of you who live in the Idaho area, "IDEX" publishes a regular communications bulletin, tailored to your listening needs. Included is info on shortwave broadcasts, plus latest developments in FM, AM, and TV broadcasting. We don't have info on subscription costs, but you can get additional info by writing to IDEX at: P.O. Box 2082, Boise, ID 83701. Tell 'em SPEEDX sent you their way. (Via Mark Johnson-ID.)

With that item, we end another DXM. Next month, look for a new feature in these pages. If you caught John Cereghin's comment in WH last month, you probably have an inkling as to what the new feature will be. Other than that, I'm gonna keep you in a bit of suspense. Thanks to the many members who either called or sent Christmas cards over the holidays; your holiday greetings and wishes were really appreciated. Until next month, have good DX, and remember to send in those contributions. This column is only possible if you participate.....

See you in February,

CRACKER COUNTRY: Have you ever wondered what dictation-speed news would sound like in "Special English?"

*Bs and Best
David*

TECHNICAL TOPICS!

TERRY LINDLEY WDX4KYX
DXer and SWL
Route 15, Box 1098
Birmingham, AL 35224

DEADLINE: 12th of the month

The New Year is upon us! After making all your New Years resolutions add this one to them. If your antenna is not grounded then make this your next project. A bare copper wire is sufficient unless your wire must be longer than about ten feet in which case you should use a shielded wire to cut out any interference that a longer wire would be susceptible to bringing in. The signal from the transmitter does'nt get to your receiver by magic. The transmitter is grounded and your receiver is only an extension of the transmitter. So therefore, speaking electrically your receiver must be grounded to get the best possible signal. Also a good chassis ground to a real earth ground will reduce some of the interference so common in households today. Have you ever been right on the verge of an ID from a great DX catch when an appliance was switched on? If so you know what will happen. S T A T I C.... This will always happen right at the precise moment when you're trying to get that all elusive ID. (Murphys Law) The worst culprit today (among others) is the hand blow dryer. If you have school age children you are probably all too familiar with the problem. A ground will not completely eliminate the problem, but it will help. The best insurance for DXing is to hide the blow dryer. Another reason for a ground is that it will protect your receivers innards. A direct hit by lightning as everyone knows will fry your radio. Every set-up should be protected by some sort of protection device. These devices only protect against a direct hit by lightning. They don't protect against static build-up, which is a real problem on a longwire antenna. Never connect a longwire antenna to your set without grounding it first. This will drain off any static which may have built up. Have you ever connected an antenna and heard a loud pop in the speaker. With older tube sets this probably would'nt do it any harm. Try that with the newer transistor sets though and you'll be caught with a boat anchor until you get it repaired. I keep all of my antennas grounded when not in use through a series of switching arrangements. Using a SPDT switch you can easily switch the signal from your antenna to the radio or to ground. If you set up more than one switch for different antennas you can instantly connect any one antenna or any combination of the antennas to the radio. Or if you wish you can connect the ground to the input of the receiver, which in some cases brings in the best DX signal. If you would like to have info on the switching arrangement then send me a 20 cent stamp and I'll send you a diagram on it, along with some instructions.

I've received an interesting note this month from Bob Hart about the Commodore Vic-20. He says that when using it with a RTTY/CW decoder it emits a lots of RF. I bought a Vic-20 at a flea market and when comparing it to my Commodore 64 have found that the RF interference is much much worse. It will ruin reception of weak signals. The C-64 has much improved RF shielding. If your C-64 seems to be putting out a lot of RF then turn it over and look thru the slots in the bottom and see if the flat aluminum shielding is in place. Commodore reportedly left this out of approximately 90,000 units.

I'm still waiting to hear from more Speedxers who have hobby related computer programs. I still have my SWL Skeds program available. If you would like to have it send me a blank disk or tape.

73,s

Ferry



PSST! TIPS 'N' TOPICS

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



Santa was real good to this editor and as a result, the readers will benefit because Santa left a lot of typewriter ribbons under the tree. hi. Where did the time go? 1984 went much faster than any year I can recall. With 1985 here already, resolutions have already been made and broken. hi. My resolution this year was not to make any resolutions this year. Since Santa left a lot of receivers and publications under the trees of SPEEDX'ers I suspect there will be a lot of contributions to all the columns. All of the editors are waiting for your loggings, clippings and articles so feel free to send them in.

TIPS TIPS TIPS TIPS TIPS TIPS TIPS TIPS TIPS

REVIEW of NRC DOMESTIC LOG - 7th ed John H. Demmitt, PA
The 230 page Domestic Log measures 8 1/2 X 11 inches and comes already drilled for a three ring binder. Although printed with the assistance of a computer, the letter quality print is easy to read. The dark black print against the white pages helps the reader to quickly identify the item he or she is searching for.

Loggings are arranged by frequency covering the entire medium wave band from 540 to 1600 KHZ. Each frequency shown is additionally provided with the class of frequency such as Regional, Canada Clear, Mexico Clear, Local, etc.

The pages are arranged long ways showing the following information; Call Letters, City, State, Zip, Antenna Pattern & Licensed Hours of Operation, Power (day/night), Special Hour Power Limitations, Address, Schedule in Eastern Local Time, Network, Format, etc.

It is difficult to keep up with the rapid changes in Medium Wave Broadcasting but the team at the National Radio Club did a good job in providing even the last minute changes and corrections in an errata at the beginning of the publication. A continued update service is available to NRC members through DX NEWS and non-members are encouraged to write to the club to determine how to subscribe to the updaters and perhaps even to join the club.

In spite of all the good things I mentioned about the 7th edition of the NRC Domestic Log, there are some points that will hopefully be considered before starting the 8th edition. The publication lists stations within the United States, Canada and Puerto Rico but does not list other stations which are easily heard in the United States such as Mexico, Cuba and some of the high powered transmitters like Trans World Radio on 800 KHZ. I can appreciate why NRC would not want to list all these stations but they could at least provide us with the higher powered stations that are often heard in the U.S. As for the layout, space could be better used if the CH/PSA column for special hours were to be moved to the last column under etc. This would give a neater appearance and provide additional space for the user to make corrections as they are required. Just one more suggestion. The last column, Network/Format/Other could have been moved a bit more towards the end of the page. This would have avoided a lot of column overlap. Page 30 in the 7th ed gives an excellent reason for wanting to solve this problem.

All in all, this is a good reference for MW DX'ing. Those wishing information on ordering should contact:

National Radio Club PO Box 118 Poquonock, CT 06064

A BALUM IS A BALUM IS A BALUM..... Carl Huffaker, Mexico
 A balum is not a transformer! It doesn't function like a transformer.
 It functions more as a transmission line, but it doesn't go anywhere.

One type of balum, a 1:1 impedance ratio, balanced to unbalanced, air core balum which I'll describe later, provides a convenient and effective way of connecting a balanced antenna (dipole, quad, loop, etc.) to an unbalanced (coax) lead-in. In effect, it keeps the lead-in out of the antenna pickup system which sharpens the directional characteristics, especially the nulls. It also limits the antenna's resonance to its cut frequency plus a few harmonics. If you want to resonate the antenna with a tuner, you can't. The tuner operates, but only as a filter which is in rare cases, desirable.

I use balums in all my Lazy Quads. Like most DX'ers, I want a non-directional antenna. The Lazy Quad is non-directional so the balum does not affect that characteristic. The Lazy Quad has a deep non-directional null in the horizontal plane. Low angle signals, which include electrical QRM and most QRN, are attenuated by the null and the balum emphasizes this.

I wound my balums on 1 1/8" tubing which was the first size that I pulled out of the junkbox. I had three colors of No. 22 insulated wire, so I used it. A balum for the lower SW spectrum consists of 14 three-way turns. Hold the wires side-by-side like a ribbon and wind 14 turns of this ribbon around the tube like an ordinary single wire coil. When you look at the finished coil, the colors will run; red, white, blue; red, white, blue; etc., with each color appearing 14 times. Drill holes in the tube and pull each wire through to fix the ends. The middle winding must be crossed connected. Hold the tube vertically. The bottom of the white goes through the middle of the tube and connects to the top of the red. The top of the white goes through the tube and connects to the bottom of the blue. At the top is a single blue wire and a red and a white connected together. At the bottom is a single red and a blue and a white connected together. Connect the two connections at one end to the halves of a balanced antenna. The coax is connected to the other end, but you must be careful to connect the two-wire connection to the shield of the coax, and the single wire connection to the center of the coax. At the receiver, the shield is connected to ground and the center to antenna.

This sort of balum is very broadband, and if exactly constructed, would cover the entire shortwave spectrum. However, to stay in the ballpark without calculations, I use 12 turns for the upper frequencies and 14 turns for the lower.

Besides the 1:1 impedance ratio, balums may be constructed at 1:4 and 4:1 ratios and cascaded to 1:16 and 16:1 ratios, and balanced or unbalanced at either or both ends. However, I would suggest a word of warning. The construction details for these balums are for transmitters and are designed to handle considerable power. For receiver use, the heavy wire and massive ferrite cores are neither required nor desirable.

NEWS NEWS NEWS NEWS NEWS NEWS NEWS

NEWS FROM DOWN UNDER..... Michael Leonard, ME

Radio Australia has opened a new transmitter complex at Cooks Peninsula in the northern territory. The new transmitters will mean that RA broadcasts will be heard more clearly through out the world...Particularly in Asia.

The official opening was made by the Federal Minister of Communications Mr. Michael Duffy at 0030 UTC on 10/23/84.

The original Cooks Peninsula transmitters were put out of action by cyclone Tracy which devastated the city of Darwin in December of 1974. The new transmitters, which have been refurbished from the original ones, each have a capacity of 250 kw. A new computer control system with color video display terminals has also been added. The project cost half a million Australian dollars. The complex also includes 4 million dollars worth of ariels, 7 new ones and one from the original installation. The three biggest ariels tower up to 99 meters high and are 100 meters wide. All eight ariels, spread out in a big boomerang shape pointing toward Asia, can swing in 3 different directions. Thanks to all the modern technology that has been used the new transmitter station can operate with a minimum of attention.

R390-A Owners Take Heart.....Neal Perdue, AL
 The RT-510 ballast tube which sells for up to \$15 at flea markets is a part number better known as the 3TF7 which can be purchased from DRP Electronics, PO Box 4357, Compton, CA 90224 for \$2.50 each. Minimum order is \$10. I have a dozen or so and will sell them for \$4.00 each and I'll pay the first class postage.

DRP specializes in old Hammy and Halli tubes and offers excellent prices... \$2-3 for new military surplus tubes. For more modern tubes, such as for the Drake R-4B, Unity Electronics, PO Box 213, Elizabeth, NJ 07206 (201-351-4200) offers over 7,000 different tube-types with an inventory of over 7 MILLION tubes! They carry great brand names like; Sylvania, Raytheon, Mullard, etc. Minimum order is \$15. Both of the above sources guarantee their tubes.

I have dealt with both and I recommend them. Anyone needing parts from a mint R-390A, please write me for quotes. All inquiries will be answered. The power supply chassis is bad. Everything else is okay. Contact: Neal Perdue, Route 1, Box 154, Falkville, AL 35622.

AMATEUR LICENSING MADE EASIER.....Dale Long, PA
 There have been many changes in the Federal Communications Commission's examinations due to deregulation. The FCC has slowly eliminated the testing sessions. Beginning in 1985, the FCC will no longer administer any amateur tests.

The amateur "novice" tests have long been administered by volunteers from the amateur community. The FCC, apparently pleased with this program and noting the considerable cost savings, asked for Volunteer Examiner Coordinators (VEC) who would organize and supervise local volunteers making up mostly of Extra Class licensees and other helpers to administer all amateur tests sessions.

All tests will be given by fellow amateurs. What does this mean to the SWL's who have been dying to get their ticket? Novice tests may be given by any qualified amateur who is not related to the prospective licensee. It does not cost a single penny to take the test. License upgrades however require registering one month in advance at a prescheduled test session, such as a hamfest, and requires a \$4.00 fee.

Now for the good part. The FCC has published the complete question pool used on the novice tests. While they concede that it is possible to memorize all 200 questions, they believe that this cannot be done without learning the basics required to function as a novice. To get a copy of these questions write your local FCC office or to the ARRL and ask for PR-1035A. Please enclose a business sized SASE.

WLAW SCHEDULE - CODE PRACTICE.....Dale Long, PA

EST	MWF	9AM	7PM	T, Th, S, Sn	4PM	10PM	
PST	MWF	6AM	4PM	T, Th, S, Sn	1PM	7PM	



The schedule is given in local time as it is consistent throughout the year. During the time changes, WLAW will continue broadcasting with a local time schedule. They do this apparently to adjust for propagation conditions.

LIST OF PUBLICATIONS ON UTILITY STATIONS....Joerg Klingenfuss, FRG
 The following publications are available from Joerg Klingenfuss Publications, Panoramastrasse 81, D-7400 Tuebingen, Federal Republic of Germany. Tel. 7071 62830:

Guide To Utility Stations	3rd. ed.	Nov. 1984	DM 60.
Supplement Service (To the above)			DM 25.
Radioteletype Code Manual	7th. ed.	March 1984	DM 25.
Guide To Former Utility Transmissions	1st. ed.	March 1984	DM 25.
Air And Meteo Code Manual	7th. ed.	April 1983	DM 50.
Magnetic Tape Recording Of Modulation Types	4th. ed.	April 83	DM 20.

Special price for all books ordered together, including the magnetic tape(mailed separately) will only cost DM 180. To convert money to the German Marks, check with the Federal Reserve Bank serving your area. Payment can also be made in own notes or by Intl. Money Orders.

The Story of AWR-Latin America



Recently, Don Moore, an American Peace Corps volunteer working in Honduras, made a visit to Adventist World Radio, AWR-Latin America in Guatemala City. He describes his visit to the station, and he has also provided a series of photographs.

AWR-Latin America is located in the head office building of the seventh-day Adventist Church in Guatemala. This building is situated on the edge of the city in an outer zone, a long bus ride from the centre. Opposite the AWR building is one of Guatemala City's 16 Adventist Churches.

AWR-La is in fact not one station, but three. Back in 1979, the Adventist Church in Guatemala purchased the station known as Union Radio, and transferred it into their own head office building. The two local outlets, 10 kW each on MW and FM, began simulcasting from their new location in May 1979. The SW outlet became operative with test broadcasts in March 1980, using a 10 kW transmitter suppressed to 3 kW because of antenna problems. The total facility was officially inaugurated on August 17, 1979, with an impressive dedication ceremony.

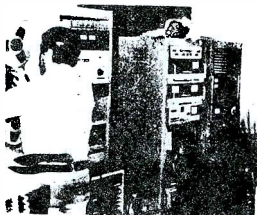
According to Don Moore, AWR-LA has the most modern radio equipment in Guatemala, and probably in all Central America. The three studios, SW, MW, and FM, are equipped with new cassette and reel recorders, turntables, mixers, and microphones. The 3 programs are sent to the transmitter site, 12 miles away, by UHF link. This is quite unique in Guatemala, as all other transmission links are on FM.

Future planning at AWR-LA includes the installation of a 100 kW transmitter for the SW service, and expansion of programming into additional languages, including German and Japanese.

Union Radio AM operates with 10 kW on 1330; Union Radio FM operates with 10 kW on 105.5; and AWR-LA operates with 3 kW on 6090 kHz, Midnight-0400 and 1100-1300. QSLs in response to correct reception reports are available from AWR-Latin America, Box 51 C, Guatemala City, Guatemala. dxk



Studio building for AWR-Latin America (Union Radio) in Guatemala City, Guatemala.



Mediumwave studio for Union Radio, 10 kW on 1330 kHz.



Shortwave studio for AWR-Latin America

Special thanks goes out to Don Moore and Adrian M. Peterson for the interesting article. Don is well known to SPEEDX and plans to be a regular contributor to Tips N' Topics. Don stopped by Tips N' Topics to introduce your editor to Theresa, a lovely gal who understands shortwave. She and Don have returned to the United States where they will soon be married. The two plan to start a tour of countries in Central and South America. They will be touring the various radio stations and will be taking notes and pictures for Tips N' Topics. Congratulations goes out to Don and Theresa. May your journey be a safe one. Happy DX'ing and good sight seeing. Above all... Don't drink the water. hi.

CANADA INVADES THE UNITED STATES!

As It Happens

"As It Happens," a CBC Radio highlight since 1968, is now heard on thirty-one public radio stations in the U.S., including ones in Los Angeles, San Francisco, Washington, D.C., and New York.

The hosts, Elizabeth Gray and Alan Maitland, offer daily telephone interviews with newsmakers and commentators in Canada and around the world.

Among its triumphs have been conversations with Lech Walesa, Polish Solid-

arity leader, at home, and an eyewitness describing the assassination of Anwar Sadat.

Adrian Waller called it "powerful" and "timely" in the *Reader's Digest*, and when WNYC in New York City announced that it intended to drop the program, a wave of listener protests persuaded it to change its mind.

Another popular CBC radio magazine program, "Sunday Morning," is carried by thirty-four U.S. public stations.



Radio Canada International
P.O. Box/C.P. 5000
Montréal, Canada
H3C 3A6



PBS?
RCI?
CBC?

"As It Happens" may be heard on the following public radio stations in the U.S.:

State	City	Station			New York			
California	Los Angeles	KUSC	FM	91.5	Albany	WAMC	90.3	
	San Francisco	KALW	FM	91.7	Buffalo	WBFO	88.7	
	San Mateo	KCSM	FM	91.1	New York	WNYC	830	
DC	Washington	WAMU	FM	88.5	Oswego	WRVO	89.9	
					Rochester	WXXI	1370	
Idaho	Rexburg	KRIC	FM	100.5	Ohio	Athens	WOUB	1340
Illinois	Urbana	WILL	AM	580	Oregon	Portland	KBPS	1450
	Macomb	WIUM	FM	91.3	Pennsylvania	Erie	WQLN	91.3
Indiana	Indianapolis	WIAN	FM	90.1	South Dakota	Aberdeen	KDSD	90.9
						Brookings	KESD	88.3
						Pierre/Reliance	KTSD	91.1
Iowa	Ames	WOI	FM	90.1		Rapid City	KBHE	89.3
	Iowa City	WSUI	AM	640		Vermillion	KUSD	89.9
Kentucky	Lexington	WBKY	FM	91.3			690	
	Louisville	WFPL	FM	89.3	Washington	Seattle	KUOW	94.9
Minnesota	St. Paul/Mpls.	KSJN	AM	1330		Pullman	KWSU	1250
						Tacoma/Seattle	KPLU	88.5
Nebraska	Omaha	KIOS	FM	91.5	Wisconsin	Hayward	WOJB	88.9

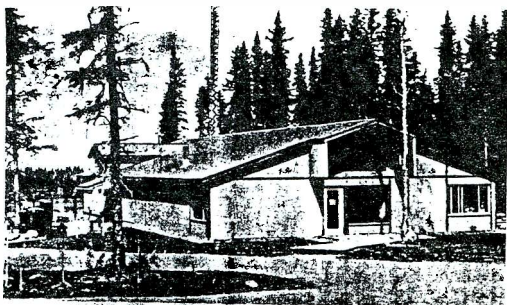
TNT TNT TNT TIPS N' TOPICS TNT TNT TNT TNT

NORTH TO ALASKA John P. Trent, AK

KNLS The "New Life" Station



WORLD CHRISTIAN BROADCASTING CORPORATION



Transmitter building at Station KNLS from which messages are broadcast daily into China and the Soviet Union.

KNLS

World Christian Broadcasting's Radio Station KNLS, the "New Life Station," is located near the top of the world at Anchor Point, Alaska. This one station brings at least one-third of all the world within broadcast range of the gospel. Propagation studies indicate the broadcast signal can be heard up to 6,000 miles from KNLS. Initial broadcasts will be in Mandarin Chinese and in Russian. One antenna, centered on Peking, China, provides coverage from Japan throughout China and most of the Soviet Union. The second antenna is directed over the North Pole for broadcasts into European Soviet Union.

JAM ALARM FOR RADIO DENMARK by Dr. Richard Wood ... Shortwave Guide Radio Denmark will accept collect phone calls via telephone Hotline when shortwave listeners across the world want to report such interference as jamming, natural phenomenon and other broadcasters heard on the same frequency of 15165 KHZ between 0530-0100 UTC seven days a week. Frequencies of 11960, 11875 and 9730 KHZ are also included in this Jam Alarm and listeners are provided with the follow telephone number to report such interference... 45-01 35 52 00. When the operator starts the recorder, you are requested to provide the following information... Your name and location, Time and frequency in UTC of the Radio Denmark transmission, Reception in SINPO, Identification of the interference and any other information you may feel would be useful.

UNIDEN CR-2021 FADES INTO HISTORY by Bob Grove .. Monitoring Times Unquestionably, the Uniden CR-2021 at its closeout price of under \$100 was one of the greatest values ever made available to SWLs. Unfortunately, the stock is now depleted and only the Radio Shack DX400 (\$299) will continue to be made by Uniden. No replacement is expected.

New Calls by Rich Arland Great Circle Shortwave Society Great Circle Shortwave Society Secretary Rich Arland, Vern Weiss, President and other members of the organization are hard at work in attempting to work out a few problems so new members not holding a WPE call will be able to join. TNT will keep readers informed.

RADIO EARTH INTERNATIONAL by Dave Browne..... ANARC Newsletter Radio Earth International has moved their programs to Radio Clarin, Santo Domingo, Dominican Republic. A program schedule of Radio Earth may be obtained by sending a SASE to: Radio Earth International..... 1724 Sherman Ave., Evanston, IL 60201.

TDF-1 by Robert Horvitz.. Review of International Broadcasting * Four and one half pages were devoted to direct satellite broadcasting for television in an excellent compilation of articles edited by Bob Horvitz in the 93rd issue of Glenn Hauser's Review of International Broadcasting. Europe is faced with some serious problems concerning direct satellite broadcasting for TV. RIB presents these problems & once reading it, you will have a better appreciation of the situation.

FUTURE READING NOW KABC Talkradio's magazine Let's Talk The January edition of this publication provides insight from the staff of the KABC Talkradio and experts in various fields about what to expect in 1985. The prediction-filled publication will cover subjects such as; economics, world affairs; military, administration, religion, fashion, films, dining, food, health, television and numerous other subjects of interest.

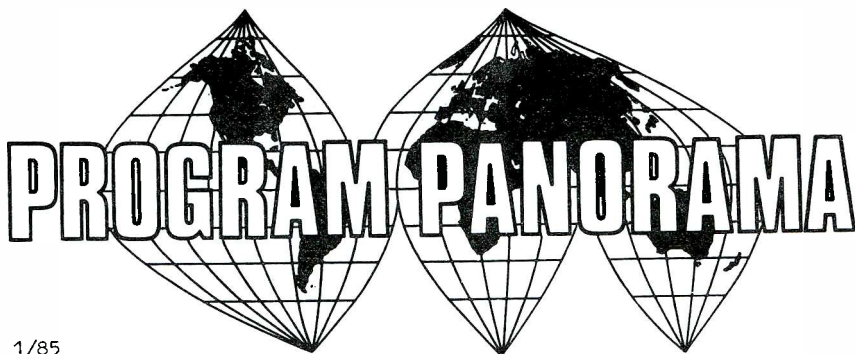
PARDON MY FRENCH L' Audiometre Radio Australie - a changé ses fréquences. Cet horaire est exact jusqu'au 3 mars:

0000-0100	17750	15140,	0100-0200	17795	15320	15160
0200-0300	15320	15160,	0300-0400	21525	17865	

On peut écouter les informations à 0005, 0200 et 0305. RA diffuse <<Les 4 coins>> lundi à vendredi à 0020, 0220 et 0320. Il y a aussi deux programmes de sports qui partagent l'horaire à 0015, 0210 et 0315 (0325 le lundi).

As you have seen elsewhere in the bulletin, the pages of SPEEDX are being increased. This will allow more loggings and articles to be printed so feel free to contribute. HAPPY NEW YEAR!





PROGRAM PANORAMA

1/85

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

Welcome to 1985! It seems just yesterday that the "ominous" year of 1984 was just beginning. See, we all survived it! 1985 promises to be an exciting year for SPEEDX, with a new format, new leadership and ideas. This month, contributions remain at a lower level than usual. There will be plenty of excerpts from RIB, with an emphasis on program comments. I would really like to see SPEEDX members begin to think about the content of station's programs and send them in to Program Panorama. I find it difficult to believe that close to 1500 "active" shortwave listeners do not listen to the content of shortwave programming. Perhaps you don't like the format or style of the column. If you don't, I'd like to hear about it. Perhaps I've been editing shortwave columns for too long and a fresh editor is needed. The next few months will tell the tale. I enjoy doing the column each month, but it would be nice to have too much material for it, requiring editing of contributions. A few hints--while printed schedules from stations are appreciated, I am on the mailing lists for most of the major international broadcasters and receive the schedules soon after they are published. I do not repeat a station's schedule more than twice a year. Unlike the loggings columns, Program Panorama does not purport to present a comprehensive "TV Guide"-type listing of station programming each month. Rather, the column is a mixture of a few schedules, a few comments on programming and news of additions, changes and deletions to stations' schedules. If you have a station or program that you like or dislike, please let us know. Everyone has opinions, but not everyone expresses them. If shortwave is to become a better medium of communication, the listeners have to stand up and be heard. I regret taking so much space with this "New Year's Message", but it is necessary. Remember, opinions are like....noses....everybody has one. (WS)

BRAZIL...(items referenced with RIB refer to Review of International Broadcasting, edited by Glenn Hauser. This excellent publication is a must for the serious program listener. Address is Box 490756, Fort Lauderdale, FL 33349. The items used in this column come from RIB #93)(This item via October DX Ontario):"Radio Nacional do Brasil's English schedule, 0200-0300 on 15290: Mon-Fri REPORTER BRASILEIRO--10 minutes of Portuguese news; THE NEWS REPORT, MUSICAL; features alternating from week to week: Mon ECOLOGY or TOURISM. Tue TRADE & INDUSTRY or BRAZILIAN PERSONALITIES. Wed GEOGRAPHY OF BRASIL. Thu THE COUNTRY-SIDE OF BRAZIL or DAILY LIFE IN BRAZIL. Fri CULTURAL HAPPENINGS or BRAZILIAN FOLKLORE, MUSICAL. Sat THE NEWS REPORT, SPORTS IN BRAZIL, MUSICAL, HIGHLIGHTS OF THE WEEK, MUSICAL. Sun CHATTING WITH OUR LISTENERS, SUNDAY SPECIAL. Days given are local in North America. The other English broadcast, per sked at 1750 on 15270 to Europe."

CANADA...(via RIB, in the words of WS): The CBC is facing a large budget cut in the upcoming year. There have been reports that RCI could be severely cut or even eliminated due to the cuts. We'll keep you posted...if you keep us posted. (Thanks also to William Muzyka for the RCI sked...he lives in NY)

ITALY...RAI continues to broadcast its 20-minute program of news and music in English to North America daily 0100-0120 UTC on 9575 and 5990. NEWS takes up the first 15 minutes, while the following music programs take up the final 5 minutes of the broadcast: Sun TUNES FOR WHISTLING Mon NO PARKING Tue LIGHT MUSIC Wed WINDOW ON THE BAY Thu LIGHT MUSIC Fri LIGHT MUSIC Sat CONTRAST IN MUSIC. (E.A. Valentine, CA; Peter Card, RI; Marge Witte, GA; David Clayton, MI) RAI's music segments are unusual in that the names on designated days do not make sense. For example, what does "No Parking" mean on Monday? Is it a program on traffic conditions in Italy? How about Wednesday's "Window on the Bay". Is this a program on shipping in the Mediterranean? Actually, the music each day consists of the selection which is playing on RAI's domestic music channel at the time. The music is joined in progress and is usually cut off before its completion. Rarely do you hear more than two or three minutes of music in the program. The news is read by announcers who usually sound as if they have just gotten out of bed or as if they need to go to bed! Quite simply, RAI's programming is disappointing, to say the least. Other services get some English programs that sound interesting, such as the program ITALIAN FOLKLORE broadcast to Japan. Let's hope that RAI will one day better inform the world about a country and a culture that has made a significant impact on the world. (WS)

NETHERLANDS...(Joe Hanlon, PA in RIB): "Will van der Fluit has retired as head of RN's English section, effective September 30. The day before that, he made his farewell appearance on SHORTWAVE FEEDBACK, thanking listeners for their service to him during the last few years. RN listeners will miss his answers on history and culture, which he handled quite well. The long-awaited DUTCH BY RADIO course should begin in January; keep listening to RN in the next few months for info and courses and booklets that will be available before the new series begins. Rumor has it that DUTCH BY RADIO will replace the current TALKING TO discussion series on Tuesdays."

SWEDEN...English programs: Mon-Fri WEEKDAY, followed by Mon MUSIC FROM SWEDEN (except for 1st Mon, when STAMP CORNER is broadcast) Tue SWEDEN CALLING DXERS Wed & Thu FEATURES Fri THANK THOR IT'S FRIDAY Sat NORDIC NEWS WEEK Sun MAILBAG. (Forrest Bishop, NY)

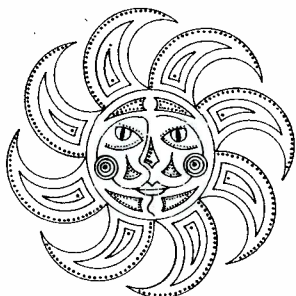
SWITZERLAND...SRI celebrates its 50th in 1985 and is offering a contest to its listeners. In February, SRI will broadcast two questions per week for four weeks. Every correct answer you send in will qualify for the big draw in March when all the results will be broadcast. For every correct reply, SRI will send a colorful series of cards illustrating either four Swiss cantons or the activities of SRI. If you answer every question correctly, you will have a complete Swiss Mosaic of all 26 cantons in the Confederation plus six scenes showing SRI at work. Even more important is the fact that if you answer every question correctly, you have eight chances of being a winner in the final draw. The first three prizes are all expense-paid trips to Switzerland for one week while other awards include Swiss watches, books and records. (Thanks to John Demmitt, PA for providing info on SRI)

USA...Radio Earth is broadcasting via Radio Clarin, Dominican Republic. Tune in Mon-Sat 0300-0400 UTC on 11700 or listen to the 1600-2300 UTC period on Sun, when the week's programs are repeated. The latter broadcast supposedly offers better reception of Radio Clarin, but one would have to be quite a Radio Earth fan to listen to the entire Sun broadcast. (WS) Radio Earth is supposed to use the facilities of NDXE when that station hits the airwaves.

Well, I didn't make the USSR this month, so it will have to wait until next month. I hope that you all read the opening paragraph of the column this month. If you have any questions about the column or SW listening in general, feel free to drop me a line. An SASE would be helpful. Remember, SPEEDX is only as good as you make it. Program Panorama is not my column--it's yours. I only edit it.

Until later, Good Listening, *Woody*

12/17/84



SPEEDX

Western Hemisphere

EDITOR: JOHN CEREGHIN
6812 PICKETT DRIVE
MORNINGSIDE, MARYLAND
20746

Deadline: 12th

All times and dates UTC, All freqs in kHz

JANUARY

1985

Well, Happy New Year and all that. I hope everyone's recovered from those New Years festivities, and we can start concentrating on the DX again. Judging by this month's number of reports, I don't think I have too much to worry about! I've been swamped this month, thanks to you. There's no way I'm going to be able to fit everything in I'm afraid. Next month, our new expanded allocations are supposed to take effect, so I ask all of you to keep up your great support. Next month and beyond, I should be able to start including all logs.

A brief not on the Guide to Latin American DXing. It undergoing final typing now, and should be sent off to the printer's after the first of the year. There was a bit of a delay due to my finals and other bothersome activities, like eating and sleeping, but it shouldn't be too much longer. (knock on wood, hi!)

I'd better get started now, so remember that if no language is designated, the broadcast was in SS, or PP for Brazilian stations...

ARGENTINA

6060 0651 R. Nacional, ments of Buenos Aires, Arg. mx. Hrd much better after 0700 (435 11/23 Quaglieri NY)
15345 0115 RAE, ID, mx (444 11/27 Valentine CA): 0310 (333 11/30 Mendez NJ)

BOLIVIA

4845 0105 R. Fides, rel px, IDs were "R. Fides, La Paz" (Fides is pronounced feeDEZ) (343 11/23 Huffaker MEX)
4876.0 0955 La Cruz del Sur, good level but hets from other stations (3 hets noted). OM gave ID and freqs for all the "Cruz" outlets, plus QTH before px began. They have an orchestral version of some Christian hymn for s/on mx. Said the following bc to be "en idioma Castellano" at 1000, then a rel tx by OM. All SS (11/11 Palmer WA)
5005.5 0011 Rdif. Cristal, mostly upbeat EZL instrumentals. 0623 ID: "de La Paz, Bolivia...Radiodifusoras Cristal..." ment 49M freq and "F-M, en estereo" tag w/theme from "The Sting". Good sig strenght overall, some WWV mixing and a little ute (11/19 Sheedy CA)
6139.6 0916 R. Santa Cruz, px called "Buenos dias Bolivia!", typical mx/DJ combo, "Radio Santa Cruz-- La Potencia Popular" (242 11/15 Quaglieri NY)

BRAZIL

3375 0902 R. Sao Gabriel do Cachoeria, s/on w/full R. Nacional ID. This is the only 90 meter Brazilian that I log consistently (343 11/20 Huffaker MEX)
3375 0145 R. Clube, Dourados, various PP vocals, R. Clube IDs, RTTY drowned out sig at 0148, clear beforehand (343 11/26 Hevern NY)(hmm...jc)
4754.9 0501* R. Educacao Rural (tent), weak, beset w/transequatorial thunderstorm static (we meteorologists call that the inter-tropical convergence zone, just thought you'd like to know! jc). Decent readability in ECSS. A mix of SS LA ballads and (mostly) Braspops and good sambas. TC at 0445 for "zero horas, cuarenta e cinco minutos" and ID for all outlets...this one anncd as being on "banda tropical." ID as "R. Educacao Rural", but no QTH given. At 0453 ID it was just "R. Educacao". Singing self-promo amnt and another TC. Again at 0500, ID was just "R. Educacao", then read a whole string of IDs, freqs, and powers, and signed-off immediately. I really don't think this is Maranhao being mistaken for Educacao Rural, even thru the noise. The times he quoted were right on for Matto Grosso state, which is QTH for Educacao Rural. (11/16 Palmer WA)
4835 2250 R. Colombia Atalala, sx play-by-play, LA mx (243 11/17 Weikel MI)(this station is listed as R. Corumba Atalaia, but I've never seen it reported. Let's all try for this one this month, jc)

BRAZIL...continued

- 4845 0100 R. Nacional, Manaus, mx, some tx, ID "...Nacional Manus..."(222 11/26 Stone WA);2229 (333 11/18 Hevern NY)(333 11/23 Downing CO)(Prath FL)
- 4880 0245 Rdif. Acreana, futbol play-by-play (I love hearing these OMs when a goal is scored!), a few quick IDs btwn plays (342 11/29 Forsgren WI)
- 4885 0205 R. Clube do Para, slo-instr., vocals, ID (343 11/12 Prath FL)
- 4895 0320 R. Bare, lite pops, ID every few songs (433 11/18 Prath FL)
- 4905 0220 R. Araguaia, R+R and reggae mx, ID, mod. QSB (242 11/19 Hevern NY)
- 4985 0722 R. Brasil Central, Braz. accordion mx, cock-crows played often, ID (434 12/1 Ainsworth LA):0200 (353 11/17 Downing CO):0902 (343 11/18 Huffaker MX)
- 5045 2320 R. Cultura do Para, soft mx, tx btwn songs, occasional ID (222 11/25 Nacht NY)(454 11/15 Thompson NM)(232 11/13 Dillon PA)(333 Ainsworth LA)
- 5965 2335 R. Guaiba, discussion, several IDs sounded kinda like "Guy e ba" (333 11/19 Falbo OR)
- 5975 0225 R. Guarujá, nx of economic crisis (444 11/19 Wood HI)
- 6185 2258 R. Bandeirantes, fair sig, bad atmospheric buzz on sig. OM/YL reading nx. 2301, had two ads after march mx at end of nx. ID:"R. Bandeirantes" and musical self-promo. Mx and interspersed followed. Too early here for top-notch reception of E. Coast Brazilians (11/6 Pakmer WA)
- 9695 1055 R. Rio Mar, PP/EE, mx, nx, ads, EE ID "This is Radio Rio Mar broadcasting from the heart of the Amazon on 9695. Please stay tuned. Write to P.O. Box 440, Manaus 69000. Come to Brazil and get to know the Amazon." then LA mx (333 11/28 Weikel MI)(nice catch and good report jc)
- 11780 2130 R. Nacional da Amazonia, several IDs hrd btwn 2100-2130, OM discussions, ads? Booming in! (11/15 444 Abbinante IL):0030 (444 11/23 Weikel MI)+1
- 11790 0100- Radiobras, sked, ID, then pop mx (333 11/16 Stephenson CA)(I can't find a listing for this one. Anyone? jc)
- 11805 0215 R. Globo, tx abt the "Copa de Futbol" and the Braz. team (444 11/14 Prath FL)(11/28 Palmer WA)(243 11/23 Weikel MI)
- 11855 2234 R. Aparecida, ID, OM anncr, tx, more mx (434 11/18 Trotto FL)
- 11905 0205 R. Universo, tx abt problems at "Banco Central" (444 11/13 Wood)
- 11925 0145 R. Bandeirantes, lite pops, ID, "Musica Populares", ments of Sao Paulo (444 11/14 Prath FL)
- 15190 0030 R. Inconfidencia, vy weak sig, but almost no noise tonight. Had a promo for "Inconfidencia Esportiva", a bit of mx, then a complete "R. Inconfidencia" ID. Gave all their freqs and a QTH in Belo Horizonte, Minas Gerais, Brazil. Then big self-promo:"Para o Brasil e o mundo". Then more tx and ads. Catch this on good North-South days as greyline passes your, QTH (11/11 Palmer WA)
- 15270 *1800 Radiobras, EE, ID "You are tuned to R. Nac. Brazil, a Radiobras station", sked, nx abt Brazil, Braz. pops, px on Brazilian industry (353 12/4 Bingham MA):1945, GG? (333 11/27 Weikel MI)
- 15290 *0200 Radiobras, EE, "The News Report" (354 11/20 Neuverth CO)(545 12/1 Bishop NY)(444 11/20 Jackson IN):0100 PP (444 11/27 Valentine CA)
- 17755 1730 R. Surinam Int'l via Radiobras, DD, IS, ID, nx and culture px, tx on Holland. QRM w/YFR GG 17750 (322 11/12 Soomre MA)
- 17755 1900 R. Nacional, PP/GG, RNac and Radiobras IDs, full ID in GG, stamp ad, nx, mx (444 11/23 Dillon DC)

C H I L E

- 9750 1035 R. Minería, ID, nx, LA mx (343 12/2 Weikel MI)
- 15140 1715 R. Nacional, ID, tx about sit-in in Peru, the sinking of the General Belgrano by the British (that was 2 years ago, and they're just now reporting it? They work fast in Chile, hi! jc), tx abt new traffic laws in Chile (343 12/1 Mendez NJ)(454 11/17 Dillon DC)+2
- 15150 2219 R. Nacional, "banco" ads "un banco es un banco, para la diferencia es la seguridad", MOR mx and tx (544 11/20 Ainsworth LA)(not on 15140? jc)

C O L O M B I A

- 4845 0450 R. Bucaramanga, on late w/Queen contest, no ID hrd (343 11/13 Huffaker MX)
- 4865 0548 LV de Cinaruco, on late w/Queen contest (//4845 above? jc), CARACOL ID (343 11/13 Huffaker MEX)
- 4877 0418 R. Super, nx, into ad block (322 11/9 Quaglieri NY)
- 4885 0708 Ondas del Meta, lively LA mx, jingles, OM anncr w/TCs/IDs (333 11/18 Thompson CA)(343 12/2 Falbo OR)(322 11/21 Ainsworth LA)+2
- 4945 0521 CARACOL Nevía, tx, ID as "Esta es CARACOL Nevía" (222 11/17 Stone WA)+3
- 5040 2303 R. Cinco, gala Colombian mx, many IDs (323 11/24 Golab IL)(Prath FL)
- 5095 0310 R. Sutatenza, ID, guitar mx, TC, CW QRM (433 11/24 Dillon DC)+1
- 5965 1008 R. Macarena, TC "en R. Macarena" btwn ads (333 11/28 Huffaker MEX)

more Colombia on the next page...thanks for all the Xmas cards...

COLOMBIA...continued

5975 1056 R. Macarena, ads, upbeat LA mx, ID (444 11/9 Ainsworth LA)(Prath FL)+1
 6120 0841 R. Super de Cali, LA mx, ID, audible under R. Nac. da Amazonia (211 11/30 Ainsworth LA)
 9635 0402 R. Nacional, classical mx, ID, nx (353 12/4 Sampson WI)(434 11/17 Dillon DC)
 15335 2230 R. Nacional, SS/FF, complete ID in SS, into FF lesson (243 11/8 Quaglieri NY)+

E C U A D O R

3253 0414 LV del Triunfo, Xmas mx (333 12/1 Golab IL):0740 (242 11/26 Hevern NY)
 3280 0115 LV del Napo, fast tx, possible soccer game, hvy CW QRM (222 11/14 Prath FL)
 3316 0336 R. Pastaza, px of romantic mx, many TC/IDs, px ended around 0400, short good-bye and thanks by OM, canned s/off. Reports in RIB say this will go off when they can sell their xmtr. Second part of s/off ID text: "Transmitió para la región amazonica y todo el país. Radio Pastaza- HCRP7: Voz y frecuencia del sindicato de costedes profesionales Pastaza, desde Puyo, Ecuador." (343 11/17 Stephany NY)(333 11/17 Prath FL)
 3395 0242 R. Zaracay, ID, ads, LA mx, w/QRM-QSB (342 11/29 Goodman IA)(Golab IL)
 4680 0145 R. Nac. Espejo tx, vocals/instr mx, ID (343 11/21 Thompson NM)
 4792 0600 Sistema de Emisora Atalaya, romantic vocal + tango mx. ID "R. Atalaya en Guayaquil", xmtr problems at 0608* (333 11/18 Schmautz NY)(11/16 Palmer WA) 0959 (444 11/15 Quaglieri NY)
 4795 0150 LV de los Caras, finally caught a formal ID "LV de los Caras, 4795 khz, Bahai de Caraquez". Mx sounded much like what I've been hearing on Sat. nites (444 11/25 Huffaker MEX)(333 11/12 Prath FL):0412 (333 11/24 Ainsworth LA)
 4800 0210 R. Popular de Guenca, HC instr. and LA vocals (343 11/23 Downing CO)(323 11/23 Dillon DC)(322 11/24 Ainsworth LA)(444 11/24 Stephany NY)(Prath FL)
 4870 0400* R. Rio Amazonas, romantic ballads, LA pops, 5-min rel tx, rel song, s/off (433 11/23 Dillon DC)(343 11/12 Prath FL)(444 11/25 Huffaker MEX)
 4920 0359 R. Quito, ad for El Express, ID "R. Quito, la voz de la capital...estas la hora de banco popular", lively LA mx (444 11/11 Dillon DC)+4
 5040 0028 LV de Upano, radio drama w/ID, "Provence Morona Santiago, transmite Radio La Voz de Upano"(433 11/28 Forsgren WI)(gd 11/27 Thunberg PA)(322 11/29 Nacht NY)(433 11/23 Huffaker MEX)(433 11/14 Stephany NY)(443 11/23 Hesch NY) (Looks like these boys are active again after going off soon after they went on jc)
 5055.3 0150 R. Catolica Nacional, tonite, I decided to find out why TIFC wasn't in the clear, and found this. TIFC measured 5055.0, so it took ECSS-USB to clear up Catolica Nac. Quite clear in ECSS. Also rather strong for a 60m sta. Hrd Roman Catholic mass to 0203. ID "R. Catolica Nacional" and ment in SS that it was from Quito. After ID there seemed to be some form of discussion px on world problems. Marcos' regime in the Philippines seemed to be the topic. Later, there was a discussion and teaching of correct use of SS vocabulary- in SS- possibly for the local Indian population for whom SS is a second lang. This is really an interesting station IF you can free it from TIFC and IF you can deal w/SS lang (11/30 Palmer WA):0300* (333 12/3 Mendez NJ) (232 11/24 Dillon DC)(444 11/17 Stephany NY)(543 11/23 Hesch NY)
 5055 1006 Em. Jesus de Gran Poder, orch. flute mx, into taped ID promising "programas al cultural, noticias y musica"(343 11/9 Ainsworth LA)(it looks like R. Nac. Catolica comes in the evening and Jesus De Gran Poder in the morning jc)

HCJB

5980 0540 Swedish, local HC nx, QRM_RMWS (422 11/19 Wood HI)
 6205 0320 RR, strong sig in vvy hvy QRN. I don't believe the theory that local weather has no effect on radio reception...every time we get a very cold polar air mass here, the QRN gets awful, and most times, the propagation is so poor that reception is limited to WH (I'm a believer in the weather theory myself, altho I don't notice a great change here when a front passes jc). Apparently, VOA was too much competition for HCJB on 6130, and they moved here. I was astounded to hear, at 0327, an ID for TWR Monaco, complete w/write-in address. At 0330, the ID was "Golos Ahnd" and address for write-ins in Quito. I didn't know HCJB played other station's tapes. After 0330, they continued w/their own bc in RR (12/3 Palmer WA)
 9655 0230 RR, time sig, ID "Govorit Golos And", into rel px (11/21 444 Wood HI)
 15020 1854 SS, tx until TPs at 1900, into choir mx and preaching. Discovered //15055 and 15090 (both 353) and at 1930 more TPs. GMT ID and HCJB ID (252 12/2 D'Angelo PA)+23 other HCJB reports

F A L K L A N D I S L A N D . F I B S

3958 0454* EE, runs BFBS pre-recorded px of pop mx, interviews, BFBS promos (which is all I hrd for the 1st 90 min!) on 11/19 BFBS px closed at 0452, into canned ID tape: "With that, we come to the end of the broadcast (day? not clear on tape) on the Falkland Island Broadcasting Station together with the British Forces Broadcasting Service. We'll be back on the air at 6 o'clock in the morning with news followed by the Breakfast Club...(cont)

FALKLAND ISLANDS...CONTINUED

3958 ...until then, wherever you're listening, we wish you a very good night... good night and pleasant dreams". S/off varies, noted 11/20 to 0526*. Finishes w/GSTQ. Sig best on ECSS/USB, very little audio on LSB. Nice not to have to rise at 0900 to hear this! (Sheedy CA):0359 (vy wk Quaglieri NY):0004 (333 11/18 Campbell CT):0528* (222 12/8 Stone WA)

FRENCH GUIANA

Hevern NY)

3385 2239 RFO Guyanne, FF, tent, jazzy mx, tent ID, very weak w/high QRM (232 11/18)
 9535 0145 R. France Relay, FF, press review, 0200 into PP, new freq, booming, //9790 which was weaker (which may be France now?) and loud 11670 (also Guiana) (544 11/21 Wood HI)
 9790 0328 RFI Relay, EE, "From the Newspapers" (555 11/22 Blanchette FL)+4
 11670 0030 RFI Relay, FF, ID, nx (444 11/24 Coleman MA):0355 EE (544 11/13 Hunt NC)+2

(343 11/24 Soomre MA)

GUYANA...GBC

5950 0817 EE, "Early Bird Px", birthday greetings, death notices, local instr mx

PARAGUAY...R. Nacional

9734.5 2335 SS, tx abt coming elections, "Independencia del republica del Paraguay", ECSS needed to avoid strong het from 9735 (222 11/23 Wegner TX)+2

PERU

3310 *1002 R. Bagua, NA, s/on w/full ID, OA folk mx, het (fr 12/4 Thunberg PA)(322 11/24 Stephany NY)
 4775 0404 R. Tarma, romantic mx, frequent ads, twin SS/EE IDs several times, informal ID slogans, such as "Tarma en Radio". 0458* w/full SS ID and invitations to tune-in again, calls, freqs, address and off w/o NA. Here's the ID "Greetings from Peru, the lively atmosphere of the western hemisphere. On the air the stations of R. Tarma, from Tarma, Peru, OCX4J mediumwave, and OCX4E shortwave in the 60-meter band." Then "Estan sintonia las señales de Radio Tarma en Tarma, Peru: 1510 y 4775 kilohertz." Had to tune USB to avoid RTTY QRM (433 11/24 Stephany NY)(222 11/24 Ainsworth LA)
 4790 0355 R. Atlantida, LA mx w/US soul mx, reverb IDs unreadable, but live DJ ID copied (222 11/25 Ainsworth LA)(333 11/11 Dillon DC)
 4825 0040 LV de la Selva, educational tx, ID "Poreste emisora LVdIS", ad string and nx promo (incl banco Amazonico), ID "Una emisora siempre joven...770 khz... LVdIS...la gran familia del aire"(gd 12/2 Sheedy CA):0102* (444 11/23 Huffaker MEX):1005 (222 11/22 Stone WA)
 4838.8 2323 R. Andahuaylas, short, eerie group chants w/flute, interspersed w/hyped-up ancr and infrequent IDs. Best around 2250 (232 11/8 Quaglieri NY)
 4935 0320 R. Tropical, px of romantic mx, long amnts w/TC and some IDs, personal info in the singers, px called "Una poema Luna Canción", canned ID promo w/rock mx, then ballad reminding me of "Twinkle Twinkle Little Star" called "Buenos Noches mi Amor" as a background to the s/off by OM mentioning all the calls and freqs incl their inactive 9710. Vocal NA to 0403* (353 11/24 Stephany NY)
 4990 0939 R. Ancash, "En la caorazon de los Andes, R. Ancash..." tape at s/on (the anncr started px w/a reference to R. Onda)(I'm still confused about this "R. Onda" jc)(343 11/28 Huffaker MEX)(353 11/24 Stephany NY)
 4996 0559 R. Andina, just caught end of OA mx, ID and s/off amnts, NA and 0602*, new one for me (222 11/25 Schmutz NY)(242 11/22 Huffaker MEX)
 5025 0214 R. Quillabamba, px of various mx incl folks/jazz/classical and frequent TC. Full canned ID, short good-bye, NA, 0258* (343 11/24 Stephany NY)(222 11/24 Prath FL)(454 11/25 Thompson NM) Huffaker MEX)
 5030 0904 R. Los Andes, s/on w/px "Buenas Dias, Peru", px of OA nx (343 11/28)
 5035 0157 R. Imagen, LA pops, "Imagen presenta..."(343 11/8 Huffaker MEX)
 5275 2309 R. San Juan? 8 ads in a row, many ments of Quota and Cajamarca, OA mx, no ID hrd, very low modulation (232 11/22 Quaglieri NY)(good catch if you can snag that ID)
 5360 0216 R. Vision, ID, vocal mx w/DJ interjecting often (242 11/26 Jones TX)(252 11/12 Campbell CT)
 9675 1240 R. del Pacifico, rel yx, "Glory a Dios", ID (343 11/26 Prath FL)

URUGUAY...R. El Espectador

11835 0130 election returns w/lots of IDs (232 11/26 Forsgren WI)

VENEZUELA

3225 0408* R. Occidente, full ID w/freqs, NA (343 11/18 Huffaker MEX)+3
 3253.5 0100 LV de El Tigre/R. 980, variety of LA mx. ID "El Super Radio, Radio 980" (444 11/19 Prath FL)(322 11/19 Schmutz NY)(333 11/23 Dillon DC)+2
 3295 0250 R. Trujillo, mx px, some Willie Nelson and some oldies (221 11/21 Friberg NH)(careful! Make sure this isn't RSWA Namibia, which can sound like a Latin. Trujillo is rarely reported, and this one fooled me some time ago jc)

VENEZUELA...continued

- 4760 1026 R. Frontera, looking for R. Inca on exc OA AM turned up this w/px "Venezuela esta Musica" w/OM DJ and many ads, full ID "Esta es la senal de R. Frontera estaciones YVOO 1140 kilohertz onda larga. YVPP 4760 kilohertz en onda corta y YVOK(?) 220.3 megahertz en frecuencia modulada. (that's a weird frequency see the following comment jc) La estacion en area dos nacion." Why does Venezuela have an FM band around 215 mhz? I have QSLs from YV stations which show FM frequencies like 215.0/218.5/220, etc (weird indeed. Anyone have any ideas? jc)(333 11/24 Stephany NY)
- 4780 0125 LV de Carabobo, baseball game play-by-play (333 12/5 Weikel MI)+4
- 4830 0130 R. Tachira, baseball game (544 11/12 Prath FL)(333 12/2 Mendez NJ)+3
- 4840 0245 R. Valera, block of ads and promos (444 11/25 Huffaker MEX)
- 4850 0538 R. Capital, US pops, only one interruption btwn songs (333 11/17 Friberg NH)+
- 4860 0210 R. Maracaibo, piano mx, tx, orch. mx (444 11/24 Thompson NM)
- 4900 2332 R. Juventud, SS vocals, ad string, EE rock mx (353 11/14 D'Angelo PA)+3
- 4970 0216 R. Rumbos, ID, doorbell sounds btwn amnts, mx (222 11/20 Stone WA)+3
- 4980 0325 Ecos del Torbes, ads for milk co "Lecheria Tachira", nx abt senators raising their salaries (so what, hi), ad for newspaper "La Nacion", Cuban mx, px "Noche a Noche" (433 12/3 Mendez NJ)(345 11/19 Robinson TN)+4
- 4990 0102 R. Barquisimeto, LA mx, ID, tx w/woman on phone (232 11/13 Dillon DC)+3
- 5020 0358 R. Nacional, "Aqui Venezuela", NA, s/on (333 11/24 Ainsworth LA)
- 5030 0140 R. Continente, orch mx, guitar mx, ID (454 12/4 Thompson NM)
- 6180 1215 R. Turismo, LA pops, TCs, ID, ads (333 11/11 Prath FL)
- 9660 2305 R. Rumbos, ID, General Electric ad (434 11/7 Abbinante IL)+6

..... NORTH AND CENTRAL AMERICA

ALASKA...KNLS

- 7355 1730 EE, miserable conditions, lousy sig, fading to zilch often, very hvy QRN. Sig beamed over the pole wheras our QTH to Anchor Point AK bears NW. Don't know how I ever got this one. Caught EE s/on w/2 reps of ID during which he mentioned KNLS twice. Also said "thank you for listening to KNLS", continued w/rel px tapes in EE (15-min each). This sig was only copyable by bits and pieces when above the QRN, hence lack of detail. Possible ID at 1800 also wiped out (11/17 Palmer WA)

- ANTIGUA...6040 DW*0000 EE...6175 BBC 0355 EE...6195 BBC 1100 EE...9510 BBC 0430 EE
9545 DW *0500 EE...11810 DW *0159 EE...11820 BBC 1910 EE...thanks to
Bingham, Wood, Farris, Karns, Dillon, Hesch, Coleman

- BELIZE...3285 in EE in the evenings...thanks to Dillon, Ainsworth, D'Angelo, Speer, Campbell, Hevern

- CANADA...5960 RCI 0000 EE...6065 CFCX 1407 EE...6065 CBC 1243 EE...6070 CFRX 1432 EE
6120 BBC Relay 0046 EE...6130 CHNX 1330 EE...6140 RCI 0610 FF/EE...6160 CKZN
1112 EE...9755 RCI 0213 EE...9760 RCI 2200 EE...11720 CBC 1935 EE...11850...
RCI 0200* EE...15140 RCI 2009 EE...15160 RCI 2145 EE...15260 RCI FF 1830
15325 RCI 1645 EE...17820*RCI 1920 EE...17875 RCI 2024 RCI EE...thanks to
Stephenson, Bingham, May, Wood, Witte, Femyer, Cox, Moll, Hunt, Marcie,
Valentine, Heinen, Thunberg, Wegner, Lord, Kerrigan, Ainsworth, Cadorette,
Dillon, Keenan, Neuerth, Hesch, Gray, Thompson, Farris

MISSORT....ALASKA...KNLS

- 6170 0740 EE, gospel, ID, ex-6100 for winter season (444 11/20 Wood HI)(this one was hiding under Canada. By the way Richard, I heard you over the Ray Briem show over the ABC Talkradio Network, and I really enjoyed your comments jc)

CLANDESTINE

- 5555 0346 R.-15 de Septiembre, mx, tx, ID, lots of "pep tx" type mini-speeches, some w/sirens (232 11/23 Thompson CA)
- 5580 2245 R. 15 de Sept., usual anti-Castro and Sandinista tx (444 11/17 Prath FL)
- 6300 1244 LV del CID.R. Camilo Cienfuegos, LA pops, ID, ments of "LV de Cuba democrat-ica", lots of anti-Cuban tx, 1345* (vg 12/5 Thunberg PA):0849 (554 11/7 Hesch NY)
- 6555 0230 R. Venceremos, somber instr. mx, OM yelling over military mx, ID, LA mx (332 11/23 Thompson CA)
- 9939.2 0015 LV del CID, sx rpt:boxing in South Africa, also "Internacional de futbol" (544 12/4 Prath FL)
- 10040 2259 LV del CID, "Programa de muscia libre", nx (434 11/7 Abbinante IL)(555 11/7 Fraser MA)
- 11680 1300 LV del CID, R. Maximo Gomez, speech abt Nicaragua, ID "LV del CID, un boletin informativa" (343 11/17 Dillon DC)

COSTARICA

- 4832 0810 R. Reloj, (434 11/18 Ainsworth LA):0245 (323 12/3 Mendez NJ)
- 4850 0000 R. Columbia, (333 11/19 Falbo OR)(353 11/22 Hesch NY)(333 11/23 Dillon DC)

COSTA RICA

5055 0357 Faro del Caribe, EE (444 11/12 Hunt NC)(222 11/26 Nacht NY)+2
 6098 0000 R. Universidad, nx, cmnty, local mx (322 11/25 Zilmer NM):1145 (222 11/28 Weikel MI)
 6105 2344 R. Impacto, (333 11/17 Stone WA)(222 11/18 Nacht NY)(454 11/28 Weikel MI)+1

C U B A...cut due to lack of space..nothing new though, see last month

D O M I N I C A N R E P . .11700 R. Clarin/R. Earth at 0300 by 10 reporters

E L S A L V A D O R, R. National reported at 0326 in SS by Soomre MA

G U A T E M A L A

3300 0400 R. Cultural, EE (444 11/30 Golab IL)(434 11/18 Bishop NY)+3
 3360 0130 LV de Nahuala (11/8 Ainsworth LA)
 3370 0130 R. Tezulutlan, (333 11/26 Hevern NY)(454 11/26 Thompson NM)
 3380 0240 R. Chortis, (444 11/17 Thompson NM)
 4835 0015 R. Tezulutlan, (343 11/8 Ainsworth LA)(11/30 Palmer WA)(433 11/22 Prath FL)+1
 6090 0314 Union R. EE, finally hrd EE px w/o xmtr difficulties or QRM by tuning USB. "The Quiet Hour" to 0300, then repeated Christian mx w/continuous IDs btwn songs- all the same ID (423 11/25 Stephany 0359*)(333 12/1 Downing CO)

H A I T I...4VEH on 4930 from 2248-0210 in FF/EE by 5 reporters

H O N D U R A S

3250 0403* R. Luz y Vida, (444 11/21 Huffaker MEX)(323 12/1 Golab IL)+1
 4820 0230 LV Evangelica, (333 12/3 Mendez NJ):1220 (232 12/1 Weikel MI)+3
 6075 1200 LV del Hunco, (pr 11/16 Cereghin MD)

M E X I C O

5982 1120 XEUJ, lively Mexican mx, mini-IDs as "La Emisora Nacional- XEUJ" and QTH anncd every 5-6 min. Wiped out by KGEI 5985 @1130 (433 11/27 Quaglieri NY) 0140* (11/14 and 11/15 Sheedy CA)
 6115 2230 R. Univ. de Sonora, orch mx (454 11/16 Thompson NM)
 9705 0215 R. Mexico Int'l, tx, very bad QRM (211 11/26 Nacht NY)
 15160 2140 LV de la America Latina, nx, tx of Chile/Argentina/US (444 11/15 Abbinante IL):1650 (333 12/1 Mendez NJ)(353 11/18 Femyer AZ)
 15176.5 2120 LV de la America Latina, good QRM-free sig. political dis. Have never hrd them here before. N-S path really good today, not much else getting through. Normally on 15175 (11/25 Palmer WA)(444 11/16 Wood HI)+1
 17765 2032 RMI, ID, much tx abt Mexico (333 11/30 Stone WA)(444 Ainsworth LA)

N E T H E R L A N D A N T I L L I E S...nothing new, check last month for details

N I C A R A G U A

6015 0115 VONicaragua, EE, nx, ID, revolutionary mx (433 11/25 Valentine CA)+2
 6121 1120 R. Zinica, guitar/marimba mx, TC, ID and "Buenos Dias", nx (fr 12/2 Thunberg PA)"0102 (423 11/7 Quaglieri NY)
 6200 0614 R. Sandino, ID, LA vocals (333 11/26 Goodman IA)(454 11/7 Hesch NY)

P I R A T E S

1620 0415 WDX, EE, gave number as (212) 343 9906, ID as "WDX, Pirate Radio", TCs as "Pirate Time..." Usual blah rock mx. Poor sig, battling tone carrier on 1622 (pr 11/23 Cereghin MD)
 7400 0121 KOLD, EE, playing oldies, ID "Oldies Radio KOLD live from the heart of the Midwest AM 1620 and now shortwave 41 meters." No address hrd (232 11/18 Talbot AB)
 7434 0016 KRZY, EE, Chuck Berry mx, into letters px. Address: P.O.Box 982, Battle Creek MI 49016 (that's the world-famous Pirate mail-drop jc)(333 11/21 Quaglieri NY)
 9830 1935 KRVY??(tent), EE, OM w/Jerry Clower story, rock mx, Mailbag px. ID sounded like KRVY. This was weak as I could not understand ID, but on tape, I hrd KRVY. Address was given, but not audible. (How about KRZY as above? jc) (111 12/2 Stone WA)

U N I T E D S T A T E S

15025 1655 WYFR, RR, offer free RR or EE new testament, into slow EE bible reading, apparent frequency punch-up error (455 11/16 Wood HI)
 15035 2230 WYFR, believed the unid I noted 12/4 from 2229 t/in to 2300:05 carrier off. OM anncr in EE w/religious selections. 12/5 at 2245 to instr mx selections. Distinct phrases noted: "Our address...Family Radio...Oakland..." and "...until tomorrow at the same time..." No // freqs noted either day. Reports in other bulletins (NASWA/FRENDX) rpt a similar UNID on 15055 in Oct and Nov w/WYFR, HCJB and R. Milano IDs. Locally, 15055 covered by RTTY most of the time, no audio noted w/RTTY is silent. Who? Why? (12/4= 25 2-3, 12/5 353 Hardester CO): Bob Palmer thinks that WYFR and HCJB is sharing a Far Eastern xmtr (11/8 Palmer)+ 37 other USA loggings

John

SWBC - EUROPE

EDITOR:

DANIEL SAMPSON
Rt #1 Box 36
Black River Falls, WI 54615

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

Thank you for the Christmas cards Speed Gray, Mike Schulsinger & Forrest Bishop. To Robert Palmer and the rest of the contributors: I use all reports received rather than they're on SPEEDX report forms or not. The SPEEDX forms are the handiest for me. If you use your own forms it would be appreciated if they are 8½" long and 1" from top to bottom. If you have more details than can fit in this space by all means go 2, 3" or whatever but keep in mind that I will not necessarily be able to print it all as we want to fit as many loggings into the allotted pages as possible. If you go beyond one inch if would help me out if you fold the pieces of paper so that they are 1" from top to bottom with the country, station & frequency facing out so they will fit nicely with the rest of the reports received. Print your reports out clearly, occasionally I get a report that can't easily be decoded.

PORTUGAL Mike Schulsinger has informed me that Radio Portugal has been announcing on their broadcast that the Radio Portugal Board of Directors have decided to eliminate the English language broadcasts to North America and the Middle East as well as weekend transmissions, effective January 1, 1985. The staff sent back a counterproposal to keep the East Coast transmission to North America. All of this is due to a money crunch. Mike also sent this to Bob Bodell so those of you who get the SPEEDXGRAM already know about this.

ALBANIA Radio Tirana

- 5020 *0400 Gjirokaster Albanian; NA, ID as "Ju flet Tirana" by OM, nx by both OM & YL, Albanian mx (444 11/8 Trotto-FL)
- 6200 0330 RT EE; nx, feature-Comrade Enver Hoxha's book Laying the Foundation of the New Albania, // 7300 better (544 11/26 McKeon-IN)
- 7065 0016 RT EE; YL t/k abt People's Revolution, Tirana's industrial development since liberation, 0027* (343 11/26 Bingham-MA)
- 1800 RT EE; cmtry on LAm struggles of peasantry for their rights, into martial mx, IS (343 11/15 Sable-NY)
- 2032 RT EE; nx abt Albania, duscussion of leader Enver Hoxha, CW QRM as usual (322 11/24 McKeon-IN)
- 7080 0630 RT EE; discussion of celebrations of 40th Anniversary of liberation from Nazis, // 9500 (455 11/28 McKeon-IN)
- 7120 0030 RT EE; YL cmtry on Albanian schools, QRM CW (322 11/24 Coleman-MA)
- 0130 RT EE; ID twice w/YL, Albanian nx, signal seems to be being jammed, mx, NA (312 11/14 Mockler-Quebec)(Moll-MI)(McKeon-IN)
- 7300 0330 RT EE; wld nx, t/k of Albanian Army (444 11/7 Hunt-NC)
- 0430 RT EE; heterodyne & woodpecker (422 11/26 McKeon-IN)
- 9480 1830 RT EE; discussion of Enver Hoxha, QRM by RTTY (322 11/24 McKeon-IN)
- 0330 RT AA; ID, nx, to Middle East, // 7065 (332 12/1 Prath-FL)
- 9500 *0630 RT EE; IS, nx, to Europe (333 11/21 Wood-HI)
- 1447 RT Indonesian & RR; no sign of Magadan, usually founds AMs here, OM ancr, with their usual line in Indonesian!, many mentions of Tirana, s/off anmts 1456:30, the Communist "Internationale" for the anthem, back on 1500 in RR & jammed almost immediately, one of the jammers was a type new to me...sounded as tho running Moscow H.S. tapes BACKWARDS! (good 12/3 Palmer-WA)
- 9760 0000 RT EE; nx abt Albania, wld nx, mx by Albanian Orchestra for Radio & Television (444 11/25 McKeon-IN)
- 11935 1210 RT Indonesian; end of nx, ID by YL, political t/k (232 12/1 Prath-FL)
- 11985 1620 RT Castillian SS; IDs as "La Republica Socialista Popular de Albania," Revolutionary mx, mentioned Enver Hoxha, NA, s/off (strong 11/8 Palmer-WA)

AUSTRIA Österreichischer Rundfunk

- 5945 *0128 ÖRF EE; nx, ID, report, Highlights in Austrian sports, nx headlines, 0153* (343 11/20 Jackson-IN)(Goodman-IA)(Blanchette-FL)(May-OH)(Palmer-WA)
- 0335 ÖRF EE; t/k abt Austria Civil Court, ID, t/k abt Cherry Blossoms bring luck (333 11/26 Stone-WA)(Bingham-MA)
- 9580 0155 ÖRF GG; 4-lang ID, into nx 0200, QRM VOA in SS (433 11/21 Wood-HI)

AUSTRIA continued

- 9650 1500 ORF EE; Report from Austria, to S.E. Asia, // 12025-12015 (322 11/24 Zilmer-NM)
- 9770 0142 ORF EE; Report from Austria (111 11/21 Bishop-NY)
- 11660 1842 ORF EE; tlk abt improvisational mime theatrical group, group is on tour of Europe, Dec. 6 is known as Devil Day in Austria-is good fun, OM gave times & freqs (444 12/4 Bingham-MA)
- 12015 1500 ORF EE; Report from Austria, to S.W. Europe, // 12025-9650 (222 11/24 Zilmer-NM)
- 12025 1510 ORF EE; to S. Asia, Austria Calling, // 9650 DW QRM (444 11/17 Shreedhar-/Zilmer-NM)/India)
- BELGIUM** Belgische Radio en Televisie
- 5910 0030 BRT EE; QSL card pgm about The Ghent Gate (353 11/22 Blanchette-FL) (Moll-MI)(May-OH)(Bingham-MA)
- 17610 1400 BRT EE; YL w/nx, mx @ 1413, freq changes (454 11/27 Cadorette-MA)(May-OH)(Bingham-MA)
- 21810 0720 BRT EE; Brussels Calling, Radio World (433 11/22 Shreedhar-India)

BULGARIA Radio Sofia

- 6070 *0430 RS Albanian; ID "Ju flet Sofië," nx (444 11/23 Wood-HI)
- 7115 0420 RS EE; nx, discussion of life in Bulgaria (434 11/13 Hunt-NC)
- 9560 *0200 RS SS; IS, ID, nx (444 11/13 Wood-HI)
- 9595 1647 RS Turkish & AA; QRN rather intense, Turk. lang svce to 1700, IS, AA @ 1700 w/"Huna Sofia," usually 9595 is the NSB-Tokyo-almost exclusively-some days almost all day long! (fr-gd 11/17 Palmer-WA)
- 9700 2239 RS EE; ID, tlk abt Soviet-U.S. Azms tlks, Bulgarian anti-nuke movement, Bulg. pop mx (454 11/23 Bingham-MA)
- 9745 2146 RS EE; DX pgm w/DX tips for R. Afghanistan (544 11/2 Blanchette-FL)

CZECHOSLOVAKIA

Radio Prague

- 5930 0210 RP SS; some QRM evident on signal, OM & YL ancrs, contry, short segment of mx then the feature "Revista de la Prensa Checoslovaca" (Review of Czech Press) (gd 11/29 Palmer-WA)
- *0300 RP EE; wld or int'l nx read by YL, Peace Tribune, The WFTU Calling, DX Chat, // 7345, 9540, 9630, 9740 & 11990 (454 11/16 Neuverth-CO)(Bingham)
- *2230 RP PF; IS, ID, nx, // 7345 (444 11/17 Prath-FL)
- 7345 0045 RP lang; OM & YL ancrs tlk, ID, mx-jazz oriented (343 11/29 Trotto-FL)
- 0145 RP EE; orch mx, spoke of a RP contest, IDs, nx report (454 11/29 Thompson-RI)(Card-RI)
- 9605 *1430 RP EE; nx, contry, mx, to S.E. Asia (322 11/23 Zilmer-NM)

FINLAND Radio Finland

- 11755 *1630 RF Finnish; IS @ 1628, ID "Taala Suomen Yleisradio," nx to 1635, mx selections, Near East/Africa svce, QRM Havana 11760 (gd 12/3 Palmer-WA)
- 15400 1340 RF Finnish; slight fading, ID @ 1354, s/off by OM (333 11/10 Gray-MI)
- 1504 RF EE; nx, Northern Report, Nordic development, wx, interview w/Finnish rock group (333 11/27 Bingham-MA)
- 17800 1300 RF EE IS, nx, Northern Report, // 15400 (443 12/1 Prath-FL)

FRANCE Radio France International

- 11700 2250 RFI SS; mx, nx, ID, SS lang b/c @ 2300 (333 11/25 Weikel-MI)
- 11705 1614 RFI EE; nx, LAm notes @ 1619, contry abt Nicaragua, 1623 Post Office Box (242 11/18 Femyer-AZ)(Bingham-MA)
- 11995 0315 RFI EE; Sikh problem in India (333 11/2 Stephenson-CA)
- 15315 1623 RFI EE; tlk abt rules & prizes of RFI contest, nx, Look at Morning nspapers, sports, Paris Calling Africa, Made in France, Land of France (454 11/8 Bingham-MA)
- 17620 1605 RFI EE; PCA, wld nx, Afro mx, African nx w/emphasis on Ethiopian aid & warring factions in Southern African continent (343 11/2 Cox-CA)(Bingham)
- 17795 1606 RFI EE; PCA, What's Coming Up, nx, tlk abt U.N. book-Black Africans in Latin America (222 11/28 Bingham-MA)
- The reports received for 9790 @ 0320 and 11670 @ 0130 & 0315 are from Fr. Guiana.-djs

FEDERAL REPUBLIC OF GERMANY

Deutsche Welle

- 3995 0210 DW GG; political discussion, IS @ 0215 then tlk by YL w/ID, ARO QRM (333 11/11 Dillon-DC)
- 2307 DW GG; tlk (nx?), transmission from Jülich, hvy QRM (322 11/25 Nacht-NY)
- 6085 0700 Bayerischer Rundfunk GG; ID, nx, wx "überwiegend bewölkt," (mostly cloudy), "Das waren die Nachrichten im Bayerischen Rundfunk," into GG country mx (444 11/20 Wood-HI)
- 6090 0140 DW EE; German mx (433 11/12 Macrie-NJ)

FEDERAL REPUBLIC OF GERMANY continued

6120 0505 DW EE; nx, What's Coming Up, Microphone Europe, comment abt unemployment in W. Germany, Germany Today (444 12/5 Bingham-MA)
 9585 1620 DW EE; to S. Asia, Panorama (433 11/26 Shreedhar-India)
 11825.0M 1750 RFE Bulgarian; nx, features, mx @ 1753, tlks, ID @ 1759:30 as "Tuk e Radio Svobna Evropa," het from suspected Tahiti & jamming way down in the background, site either Biblis or Holzkirchen because of good great-circle path to W. Germany & Bulgaria (gd 11/15 Palmer-WA)
 15355 *1900 DW GG; ID, bells, freq given, nx, slight fade (gd 12/3 Witte-CA)
 17845 1300 DW GG; ID, wld nx, contry on Poland (444 11/22 Prath-FL)
 21600 1250 DW EE; tlk abt East-West relations (353 11/24 Prath-FL)
 The reports received for 6040 @ 0130, 9545 @ 0500 & 9690 @ 0600 are from Antigua.

GERMAN DEMOCRATIC REPUBLIC Radio Berlin International

6010 0659 RBE EE; ID as Nam svce w/freqs, Dateline Berlin on nostalgic fads in GDR, Leipzig young inventor convention (323 11/18 Ainsworth-LA)
 0715 RBE GG; IS, nx, to W. Nam, QRM EBC (322 11/14 Wood-HI)
 6125 0330 RBE EE; U.S. testing chemicals in Brazil-killing two tribes of native indians (this is strictly hogwash!), African svce (544 11/10 Hunt-NC)
 2133 RBE EE; ID, nx, S.African apartheid policy condemned by U.N., to Europe, contry on GDRs political parties' policies, mod. QRN (242 11/29 SampsonWI)
 21465 1403 RBE EE; tlk that in GDR workers don't worry abt losing their jobs, zoological park in GDR is World's largest breeder of rare Indian lions (454 12/4 Bingham-MA)
 21540 1000 RBE EE; nx, contry on Nicaragua, Far Eastern svce (544 11/24 Shreedhar-/India)
 1240 RBE EE; tlk abt German youth, mailbag & thanks to S.E. Asian listeners for reports (343 11/11 Prath-FL)

GREECE Voice of Greece

6205mf 0130 VOG EE; nx during pgm in Greek, // 9420 (343 11/30 Zilmer-NM)
 0320 VOG Greek/EE; Greek mx, tlk until 0341, ID by YL in EE, ancd 6205, 9420 & 11645, wld nx (422 11/9 Wegner-TX)(D'Angelo-PA)
 6225 0400 VOG Greek; NA, ID "Edho Athina," to Arabia, Indian Ocean, nx (343 11/19/
 7370 0555 VOG Greek; folk mx, ID "Edho Athina" @ 0600, // 9420 better /Wood-HI)
 (343 11/30 Thunberg-PA)
 9420 1920 VOG EE; nx, tlk abt development of industry up 9% since 1983, # of tourist visiting Greece rising sharply (444 12/4 Bingham-MA)
 2200 VOG Greek; lots of Greek mx selections (454 11/24 Card-RI)
 11645 1540 VOG EE; 10 minutes of nx during Greek pgm, // 17565, 15630 (333 11/30 Zilmer-NM)
 17565 1540 VOG EE; nx bulletin during Greek pgm, // 15630, 11645 (252 11/29 Zilmer)

HUNGARY Radio Budapest

6025 *0200 RB EE; wld nx, Newsview, Gray & Gay, 0225* (333 11/20 Jackson-IN)(Wood-HI)
 (Bingham-MA)(Prath-FL)
 9835 1700 RB EE; Newsroom, mx, tlk (333 11/24 Shreedhar-India)
 11910 1135 RB GG; nx, political tlk, ID, // 9835 (333 12/1 Prath-FL)

ICELAND Iceland State Broadcasting Service Ríkisútvarpið

13797 1902 ISES Icelandic; YL tKing, barely audible, fades (222 11/24 McKeon-IN)

ITALY Radiotelevisione Italiana

9575 0100 RAI EE; nx, ID, nx abt Italian auto industry, II song, NA (143 11/14 Mockler-Quebec)(Jackson-IN)
 9610 *0140 RAI II nx, tlk, mx, // 9575 (322 11/25 Zilmer-NM)

MALTA IBRA Radio

6110 2025 IBRA R. GG/EE; closing of GG rel. pgm w/address given from IBRA R. in Stockholm, Sweden, mx to 2030, IS 3 times, ID in EE into Nam EE pgm (11/2 Smallwood-West Berlin)

MONACO Trans World Radio-Monte Carlo

6210 *0500 TWR RR; ID, kid's pgm, request reports to Box 349, Monte Carlo (different # from the WRTH '84, 0530 into "Velikie slova Biblii" (great words of the Bible), 0545* (444 11/18 Wood-HI)
 9495 0905 TWR EE; Through the Bible from Pasadena, CA, ID (454 11/7 Hesch-NY)
 9500 0725 TWR EE; anmt of freq & ID, Back to the Bible @ 0730 (444 11/15 Ainsworth/LA)

NETHERLANDS Radio Nederland

5955 *0700 RN EE; IS, ID, nx read by YL, Newline, 0730* (443 11/9 Trotto-FL)

NETHERLANDS continued

- 6020 *0655 RN IS, into EE/DD/AA/FF/SS/FP/Papiamentu/Sranan/Tongo, experimental transmission from new 500 kW Flevoland transmitter, requested reports to special address at Frequency Bureau, request reports on mx modulation, not // 9895 & others, gd but QRM R. Universo, Brazil (522 11/14 Wood-HI)
- 13670 0315 RN EE; test transmission from Flevo (333 11/16 Soomre-MA)(Thunberg-PA)
1757 RN; test transmission w/ID anmts in EE/FF/AA/SS/DD along w/various mx including Queen's Radio Ga-Ga, transmitter at time was just off perfect clarity but was strong (454 11/13 Campbell-CT)
- 17605 0934 RN EE; test transmission to Middle East, 3 X 500 kW transmitters, very weak, almost not readable (151 11/23 Soomre-MA)
*1430 RN EE; very 1st regular transmission (non-test) from new Flevo transmitter, African svce w/tlk on Afghanistan, Pgm Mixed Blessings w/report of overpopulation in Kenya, signal was only fair until @ 1645 when it strengthened to 444 (343 12/3 Thunberg-PA)(Femyer-AZ)

The report received for 17605 @ 2101 is from Bonaire, Neth. Antilles.

NORWAY Radio Norway International

- 9565 1700 RNI EE; News & Views (322 11/25 Zilmér-NM)
9590 *0655 RNI Norw.; IS, ID, 0700 into Norw. nx (433 11/21 Wood-HI)
15165 1645* RNI Norw.; request reports, ID (444 11/20 Wood-HI)
15310 1315 RNI EE; nx, section of Norw. Xmas food items (433 12/2 Thim-CT)

POLAND Radio Polonia

- 6095 0228 RP EE; DX Pgm, freq, ID, mx (322 11/23 Trotto-FL)(Prath-FL)
0659 RP IS heard under HCJB s/off (111 11/18 Ainsworth-LA)
6135 0630 RP EE; IS, ID by OM, YL w/nx (322 11/18 Ainsworth-LA)
2230 RP EE; IS, nx, tlk abt jazz (322 11/10 Prath-FL)
7125 2230 RP EE; nx, brass band mx, mailbag (333 11/2 Gard-RI)
7285 *0700 RP Polish; ID "Tu mów Warszawska dla Polaków za granicę," nx, // 6095, 7145, 7270 (433 11/20 Wood-HI)
1200 RP EE; IS, IDs to 1200, anmt in Polish then EE, nx, press review, Baltic Magazine featuring an item on a cultural exchange between Poland & Finland (11/12 Smallwood-West Berlin)

PORTUGAL Radio Portugal

- 6060 0300 RP EE; march mx, ID, nx, pgm on tourism (222 11/19 Bingham-MA)
6075 0540 RP EE; relations between Portugal & African nations (444 11/22 Lord-CA)(Bingham-MA)
9600 *0100 RP SS; anthem, nx, to SAM (444 11/10 Wood-HI)
9605 1115 Adventist World Radio PP; rel mx, comments, mentioned Moscow (433 11/28 Weikel-MI)
9680 1755 Radio Renascensa PF; chime IS, IDs "Radio Renascensa, Emisora Catholica Portuguesa" to 1800, time pips, YL gives opening anmt followed by a brief meditation & ncast (exc. 11/12 Smallwood-West Berlin)
11910 1823 RP EE; DX pgm, invitation to write in, complete ID (222 11/30 Stone-WA)(Palmer-WA)
15105 1605 RP EE; nx abt Portugal, ID, EE sked, listeners mail pgm, report on EE services to be dropped, 1631* (333 11/7 Schulsinger-OH)(Bingham-MA)

ROMANIA Radio Bucharest

- 5990 0200 RE EE; OM & YL tlk abt Romanian Communist Party (444 11/22 Robinson-TN)
11940 *1200 RE GG; IS, "Heir 1st Bucharest," nx (343 12/1 Prath-FL)
15380 0545 RE EE; Youth Beat, rock mx (444 11/13 Wood-HI)

SPAIN Radio Exterior de España

- 6930 0030 REE EE; Press Review, wx, mx, ID @ 0042, address @ 0100 (454 12/5 Farris-/
7450 2315 REE EE; songs, Discription & History of a Province in the Western /LA)
Part of Spain, contry on Nicaragua & U.S. elections, ID (443 11/5 Hesch-
9360 0250 REE SS; OM ancr, mx (222 11/30 Nacht-NY) /NA)
9630 0030 REE EE; feature on Spanish composer, Spanish nx, sports (333 12/3 Speer-
CA)(Stephenson-CA)(Valentine-CA)(Bingham-MA)
0105 REE EE; Spanish & wld nx, mx (434 11/21 Bishop-NY)
9650 0815 REE SS; nx, tlk, Basque politics (444 11/20 Wood-HI)
9780 2006 REE EE; Panorama, Press Review, tlk abt culture in Spain, Spanish course by radio (232 11/20 Bingham-MA)
11635 1615 REE SS; nx, ID, comment (433 11/14 Wood-HI)
11690 2003 REE EE; Press Review, wx, SS Rap mx, tlk abt Spanish art world, 2030* (454 11/27 Bingham-MA)
11880 0100 REE EE; wld nx especially on SS speaking countries (222 12/1 Stephenson-
CA)(Bingham-MA)

SWEDEN Radio Sweden International
 9665 1600 RSI EE; Middle East svce, severe QRM, Sweden Calling DXers (322 11/20 Shreedhar-India)
 11940 1420 RSI EE; reading from nypapers, tlk on musical instruments, freqs ancd, IS, to South Asia, QRN (242 12/5 Sampson-WI)
 17860 1401 RSI EE; nx, wx, tlk abt Denmark, East Block resolution, Weekday, interview of Swedish rock group (353 11/21 Bingham-MA)

SWITZERLAND Swiss Radio International
 3985 0650 SRI EE; ID @ 0650, mx, anmt "Our EE pgm for Europe will begin in a few minutes" (433 11/18 Wegner-TX)
 6135 *0135 SRI EE; IDs, Dateline, nx (433 11/6 Hesch-NY)
 6165 *0700 SRI EE; Swiss SW Merry-Go-Round w/tlk on dipole antennas (333 11/10 Campbell-CT)
 9885 2144 SRI EE; freqs & times of b/c, Dateline-Tuesday, nx, tlk abt hijackers on Kuwaiti plane, report from Japan abt rich Pacific Basin (343 12/4 Bingham-MA)
 11765 1330 SRI EE; Swiss SW Merry-Go-Round w/tlk on antennas (333 11/24 Gray-MI)
 11870 1315 SRI EE; nx, Swiss SW M-G-R, // 17765 (443 11/10 Prath-FL)
 12035 2144 SRI EE; ID, TC, Dateline, nx, tlk abt shooting in Korea, Swiss trade w/Saudi Arabia (252 11/23 Bingham-MA)
 15570 *0655 SRI EE; IS, ID, into nx 0700, // 9560 (353 11/22 Wood-HI)
 15585 1330 SRI EE; To Your Health, 1345* (242 12/2 Zilmer-NM)
 17765 1326 SRI EE; tlk abt Swiss asylum & Sri Lanka, want to send Swiss Red Cross to Sri Lanka, wx, nx (444 12/4 Bingham-MA)
 1444 SRI II; ID, time pips @ 1445 (454 11/27 Cadorette-MA)
 17830 *1315 SRI EE; IS, nx, Dateline, // 17765 (322 11/22 Prath-FL)
 *1530 SRI EE; Dateline, int'l & Swiss nx, comment abt Tibet & Peking, report on meeting on basic rights of children, ski report (444 11/29 Bingham-MA)
 21520 0710 SRI EE; Dateline, Swiss SW M-G-R, strange signal (544 11/24 Shreedhar-India)

UNION OF SOVIET SOCIALIST REPUBLICS Radio Moscow
 Ukrainian S.S.R.
 7150 0225 RM (Simferopol) EE; new railroad from Lake Baikal to Pacific (444 11/22 Blanchette-FL)

Unknown Sites
 5920 0400 RM EE; bells, ID by OM, nx, News & Views (444 11/14 Trotto-FL)
 2230 RM EE; Book Club, excerpt from Soviet book-story abt two boys in Odessa during revolution (322 12/1 Thim-CT)
 7185 0130 RM EE; OM on liberation of woman in Afghanistan (444 11/14 Valentine-CA)
 7260 0500 RM EE; wld nx, Review of Political Events, Daily Talk, Sidelights of Soviet Life, Reviewing Your Letters, DX pgm, // 9500, 9790, 7170, 7300, 5980 (454 11/13 Neuverth-CO)
 7335 0040 RM EE; signal sure-messed up CHU (444 11/13 Brewer-AR)
 2040 RM EE; British & Irish svce, interviews w/striking miners, letters, mx, quiz, QRM de CHU (333 11/12 Dillon-DC)
 7360 2030 Radio Station Peace & Progress GG; IS, ID "Hier ist der Sender Frieden und Fortschritt," freq, nx (343 11/12 Dillon-DC)
 9685 0030 Radio Kiev EE; IS, ID, nx, co-channel QRM from VOA on 9690 (333 11/14 Trotto-FL)(Prath-FL)
 11900 1220 RM EE; cmtry on fears of nuclear war, ID @ 1227 (233 11/5 Gray-MI)
 12000 1300 Mayak RR; IS, nx by YL (343 11/25 Prath-FL)
 15175 1230 Mayak RR; IS, ID, tlk by two OMs (444 12/1 Prath-FL)
 15455 1245 RM EE; pop mx from various Soviet Republics, ID, wld nx, // 15475 (343 11/17 Dillon-DC)
 1404 RM EE; nx, tlk on atomic weapons, Prime Minister of Grenada elected, News & Views (252 12/5 Sampson-WI)
 15550 1400 (name of station missing) lang; IS, ID, tlk, nx (343 11/25 Zilmer-NM)
 17810 1400 RM EE; ID, nx, News & Views (443 11/10 Prath-FL)

The report received for Radio Kiev on 15405 @ 0330 is from an unknown Asian site.

UNITED KINGDOM British Broadcasting Corporation
 3955 1640 BBC GG; nx of Mexico City fire (433 11/20 Wood-HI)
 7140t 2020 VOA relay Ukrainian?; tlk by OM, VOA mentioned several times, thought lang to be Czech-Slovak but @ 2043 a new OM began a pgm either of, or about religion & gave an address for "Ukrainskiy Radio" in Washington, DC, WRTH '84 list no VOA-Ukrainian timed here, nor a 7140 listing for relays from Britain, however, it would almost have to be Britain because of time of day at transmitter site & target area, plus the freq (gd 11/17 Palmer-WA)
 7230 *0550 BBC EE; bow bells IS, 0600 into wld svce nx (444 11/18 Wood-HI)

UNITED KINGDOM continued

7325 2236 BBC EE; financial market nx from the BBC financial staff, Reflections @ 2240 featuring interview about tensions between religion & career in politics (343 11/12 Brewer-AR)

9410 2015 BBC EE; 24 Hours, ID @ 2030, TC, Radio 2 w/church svce (242 11/18 Dillon-/9825 1705 BBC AA; nx, AA mx, ID "Min Lundun," circus mx interlude @ 1715, t/k /DC) (242 11/23 Dillon-NC)

15070 1515 BBC EE; Concert Hall, Montreal Symphony Orchestra w/class mx by Ravel & Respighi (344 11/4 Moll-MI)(Cox-CA)

21700 1300 BBC RR; ID, Govorit London, wld nx by YL (454 11/24 Prath-FL)

21710 1645 BBC EE; Letter from America on the illustrious U.S. Senator Jesse Helms of North Carolina (454 11/18 Gunter-NC)(Bingham-MA)

The reports received for 6175 @ 0625 & 2124 and 9510 @ 0710 are from Antigua, 11860 @ 0400 is from Ascension, 15260 @ 1609 is from Sackville and 9515 @ 1714 is from either Sackville or Greenville.

VATICAN CITY Vatican Radio

6250 0652 VR; Latin Mass (433 11/20 Ainsworth-LA)

9605 0050 VR EE; IS, copy too poor for additional details (221 11/30 May-OH)

9645 2107 VR EE; nx, abortions in France, violence in Chile (343 11/11 Moll-MI)

11865 *0200 VR EE; to S.E. Asia & Indian subcontinent w/tlk about Baptism, nx (343 11/14 Prath-FL)

15125 1545 VR EE; African svce, OM translating message of Pope (222 11/18 Sable-NY)

21725 1430 VR EE; Jesus in the Church Today, station ID, b/c to Indian sub-continent & S.E. Asia, wld nx @ 1440 (433 11/24 Thim-CT)(Bingham-MA)

WEST BERLIN RIAS-Berlin

6005 0350 RIAS; 3 tones, OM w/ID until 0400, then IS played twice, opening anmts & freqs followed (11/11 Smallwood-West Berlin)

YUGOSLOVIA Radio Yugoslavia

9620 2000 RY EE; discussion of Vatican relations w/Yug., folksongs (322 11/27 McKeon-IN)

copyrighted BBCMS WORLD BROADCASTING INFORMATION

NETHERLANDS Radio Netherlands' 'December Programme News' leaflet gives information on further test transmissions from the new Flevo site. Transmitters at Flevo would carry the Radio Netherlands broadcasts January 2-11, 1985--all broadcasts on weekdays between 0700 & 1425. The frequencies used for the test transmission will be: 0700 11930, 9895, 9630, 5955 to W. & N.W. Africa & Europe. 0930 15560, 11930, 9895, 5955 to Middle East, U.K. & Europe. 1330 17605, 11935, 9895, 5955 to U.K. and Europe. The Flevo transmitters would take over all transmissions from Lopik between 1125 & 0830 from January 14 to March 31, 1985, when a new transmission schedule would be introduced. (11/15)

GERMAN DEMOCRATIC REPUBLIC The current Radio Berlin International schedule for the period from November 1984 to May 1985 shows that a service in Spanish to Europe has been introduced. It is on the air from 1915-2000 on 9730, 7295, 7260 & 7185 kHz. It replaces one of RBI's transmissions in Portuguese. Previously, RBI has broadcast in Spanish for Latin America only. (11/15)

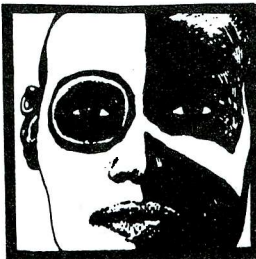
PORTUGAL Radiodifusao Portuguesa's International Service announced on November 27 that with effect from December 3 the weekday morning Portuguese service for listeners in Europe would be re-timed from 0500-0700 to 0600-0800. It would be broadcast on 9740 & 6100 kHz with a news bulletin at 0700. (11/29)

U.S.S.R. On November 7, Radio Moscow's coverage of the parade in Moscow's Red Square commemorating the anniversary of the Great October Socialist Revolution consisted of a live reportage in Russian for listeners at home and abroad. Commentaries on the parade were also broadcast in French and English for external-service audiences.

The live reportage in Russian, which was audible on a total of some 50 shortwave channels between 5900 & 21750 kHz, began at 0650 on all domestic services and the Fifth Programme for Soviet seamen and compatriots abroad, which had all linked up at 0630. The broadcast ended at 0900.

A commentary on the proceedings was carried in English by Radio Moscow World Service from 0650-0817 and was observed on 28 shortwave channels. The French-language Radio Moscow International service stayed on the air beyond its normal 0700 signoff time and broadcast from Red Square from 0650-0815 on some 14 shortwave frequencies. These stayed on the air until 0900 with a programme of music. (11/15)

David



Africa

SPEED GRAY, 1260 Troon Ct. SE, Grand Rapids, MI 49506

All times & dates UTC: Frequencies- kHz: *0000=s/on, 0000=s/off: Deadline 12th.

Now that 1985 is a reality, its time for us all to start the new year properly . . . DX speaking, of course. Active participation in SPEEDX should be each member's New Year's resolution. During December I received loggings, letters, and phone calls from members in response to this column. I'm sure with support each of you can provide, that the SPEEDX Bulletin will become the de facto standard of monthly DX publications. Won't you help make this a reality?

I'd like to discuss log forms for a moment. I would prefer that loggings be submitted on the standard SPEEDX form. These are available from Jack Sanderson at HQ. Write him for a list of goodies he has available in support of your Shortwave activities. However, if you don't have any of the proper forms, don't let this STOP YOU from sending those loggings anyhow. I'll take them written on just about anything; scraps of paper, napkins, old tennis shoes . . . just send them to me, and earn those full membership credits at the same time. Participation in the Africa Column continues on the rise; total loggings this month were 284. Number of contributors were 60; up 33% from last month. GREAT JOB everyone !!!

LOGGINGS

ALGERIA

1774S 2003 R. Algeria
R. Algeria; EE; nx w/OM ancr, tik about Israel and Lebanon, Spanish Army general shot in Madrid. 232(11-21 Bingham-MA).

ANGOLA

1195S 1700 R. Nacional Launda, R de Benguela
RNA Launda; EE; SWAPO pgs for Namibia, 1710 into Ovambo, then Damara and Nama, //w 9535. 444(11-13 Wood-HI).

ASCENSION IS.

600S 0200 BBC Relay; EE; ID, TC, "A Look at the British Papers." 333(11-17 Dillon-DC).
710S 0405 BBC Relay; EE; Nx, tik of friction with US & Nicaragua. 555(11-13 Hunt-NC).
9600 0420 BBC Relay; EE; Tik of Russia violating Swedish waters, then in FF at 0430. 544(11-15 Hunt-NC).
1510S *1815 BBC Relay; FF; IS, ID by YL, then Wld Nx. 334(11-23 Trotto-FL). @1820 FF: Wld Nx, tik about Arthur Scargill, nx on African famine. 343(11-18 Dillon-DC). @1901 FF/Hausa; EE by radio, scheduled off after 1915 per "London Calling" but continued in Hausa. Fair(11-10 Palmer-WA).
15260 2020 BBC Relay; EE; tik about oil glut and over-production by OPEC. 454(11-29 Bingham-MA). @2200 EE; Wld nx. 555(11-9 Karns-OK).

BENIN

4870 0556 ORTB Cotonou
ORTB Cotonou; FF; ID w/tlk by OM at 0600. 333(11-23 Manning-TX). @2140 FF; Afro tunes & hiliife, QTH at 2200, tik after nx. 232(11-23 Dillon-DC). @2154 FF; long drum solo, lcl chants & instantis, tik by OM. 333(11-28 Sharp-FL).

BOTSWANA

4820 0351 R. Botswana
R. Botswana; Set/EE; IS cowbells and barnyard sounds (this has got to be the greatest of all IS! opinion-ed.), then freqs in EE and ID "You are tuned to R. Botswana- Gaberones." Ancd freq of 7255, NA, C&W nx. 433(12-7 Harada-CA).

7255 0345 R. Botswana: Setswana; Barnyard animals IS, OM w/cnty, native mx, then US pop mx. 222(11-26 Goodman-IA). @0348 EE/Set; Barnyard IS, NA, full ID in Set & EE, ARO QRM- don't they know we're trying to listen! 333(11-9 Wegner-TX). @0350 Set; Barnyard IS, 0400 ID. 434(11-21 Wood-HI). @0358 Set; gospel mx, tlk by OM, lots of QRM, some EZL mx. 111(11-30 Nacht-NY).

CAMEROON

R. Buea, R. Bertoua, R. Douala, R. Garoua, R. Yaounde, R. Bafoussam
4795 0535 R. Douala: EE; nx of Nigerian plot. 333(11-19 Wood-HI). @22401 FF; mx show hrd, African melodies, Ecuadorian Indian mx, 2300 ID by OM as "R. Nationale du Cameroun" and "Douala", TC, vcl w/brass band, erratic fades. good(11-28 Palmer-WA). @2247 FF/EE(t); lively guitar mx w/comments by FF OM, possible EE phrases noted, poorer w/increasing darkness and LA QRM. 433(12-7 Sharp-FL).
4850 0536 R. Yaounde: EE; Nx about Libya and PLO, ID "This nx comes to you in the Natl Sve of R. Cameroon." (Speer-CA). @2024 FF/EE; Soft instrumentals and EZ vocals some in EE, //w/9745, general chatter into EE nx at 2101 w/ID "This is Yaounde, the Natl Sve of RC". 353(11-18 D'Angelo-PA). @2101 EE; Nx by OM, ID at 2107, more nx. 353(11-21 Welch-MA). @2114 EE; National nx w/ID, TC, EE pga ended at 2118. 222(11-25 Golab-IL). @2105 EE; EE ID at 2106, nx by OM, into FF at 2116. 233(11-23 Gray-MI). @2307 FF; OM ancr w/FF ballad, 1960's US soul rock, ID by OM at 2314. Good(11-28 Palmer-WA).
5010 0432 R. Garoua: VN; Koran recitations till 0445, then pga in VN. 252(11-24 Welch-MA). @0443 FF/AA; brief FF OM tlk, into solid Koran recitations. Some channel QRM, but decent signal. Similar to Togo- weak audio here. 333(11-30 Sharp-FL). @0530 EE; nx in EE, ID. 233(11-23 Manning-TX). @2103 EE/vern; African mx, ID, lcl mx and tlk by YL in vern. 323(11-17 Soosare-MA). @2235 Foulfoulde (very good, David!- ed.); Rapid drum beats & lcl mx, tx de OM in lcl Dialect probably Foulfoulde at 2242. 322(12-7 Sharp-FL).
9745 2100 R. Yaounde: EE; OM w/Intl nx, lcl sports. 333(11-18 Jordan-NC). @2104 EE; ID, tlk on agriculture of Cameroon. 322(11-27 Gunter-NC).

CAPE VERDE

Voz de Sao Vicente
3931 2200 Voz de Sao Vicente: PP; Pop tunes w/cnty, several smnts of "Sao Vicente", ID w/anct of nat'l service, ARO QRM slight. good(11-16 Cereghin-MD). @2345 PP; EE pop tunes incl/"When a man loves a woman", other vocals till 0000, then s/off w/NA. However, mx continued after s/off- Glenn Hauser on WOR 11-11 stated this was possibly a test. 343(11-6 D'Angelo-PA). @2350 PP; solid instrumental mx, and ballads, followed by ID, skeds, NA, 4 note chimes, s/off. 333(11-27 Sharp-FL), 222(12-2 Schwautz-NY).

CENTRAL AFRICAN REP.

R. Centrafrique
5035 RC: FF; mx to 2200, OM ID, more mx to past 2212. 433(11-28 Sharp-FL).

CHAD

R. Nationale Tchadienne- Ndjamena
4904.5 *0458 RNT: FF; a/on w/NA, 0501 OM "Ici Ndjamena, Radiodiffusion Nationale Tchadienne", followed by a program of vocak mx to 0515. 353(11-11 Welch-MA), 343(11-11 Dillon-DC). @0457 FF; Balafon IS to 0458, band w/marching mx, then children's choruses. OM chit-chat w/nice lcl tunes. 4+44(11-8 Foragren-WI). @0550 FF; lcl rhythmic mx, tx, xylophone mx, mention of Ndjamena. (11-24 Ainsworth-LA). @0621 FF/Sudanese dialect; continuous lcl chants to 0628, then brief OM tx in FF and into tribal dialect, then strange animal and bird calls, in to more OM tx. 434(12-10 Sharp-FL). @0643 ??; tribal mx, OM tx, 0650 rapid QSB. 333(12-3 Thompson-CA). @2057 FF; lively hillife mx w/OM ancr, some tx. 60 meters good today! Slight static. 3+53+(11-17 D'Angelo--PA). (Note: the WRTH lists this frequency as 4904.5 nominal- ed).

DJIBOUTI

RTDD
4780 0301 RD: Somali; test tone to 0302, then NA by military band, brief anct and into Koran recitations. Venezuelan and CW QRM. 222(12-6 Sharp-FL). (Note- in the past 3 months I have only received reports from 4 SPEEDXers on this country, lets all make Djibouti our target for the next month.- ed).

EGYPT

R. Cairo
9475 *0200 R. Cairo: EE; YL w/pga info, Koran recitations. 444(11-24 Jordan-NC). 453(11-26 Blanchette-FL). @2015 AA; beautiful mx to 2017 and into comedy by OM, audience clapping wildly, programming very different than that of Kuwait service, excellent audio! (that IS different!-ed). 555(12-9 Sharp-FL).
9805 2120 R. Cairo: EE; OM w/ID, then nx- story of gas leak in India, mx of Kuwait airliner hijacking. 232(12-4 Bingham-MA).
12050 1715 R. Cairo: AA; Radio drama w/OM&YL, camel mx followed at 1720, ID at 1730. (11-21 Abbinante-IL). @1750 AA; YL w/tx, more mx, ID(t) by YL. 444(11-9 Berri-CA). @2000 AA; TPs, ID by YL, wld nx. 433(11-23 Dillon-DC).

T A R G E T : A F R I C A

EQUATORIAL GUINEA: Pop: 268,000; Pop density: 33.23; Ethnic Groups: Fangs- 75%; Lang: Spanish, Fang, English; Religions: Roman Catholic & Protestants; Geo Area: 10,832 sq mi- size of Maryland; Topography: coastal plain and low hills beyond; Capital: Malabo- 25,000; Chief Crops: Cocoa, coffee, bananas, sweet potatoes; Labor Force: 95% agriculture related; Currency: Ekuale- 304=US \$1; Gross domestic product: \$112MM; Per capita income: \$342; Chief ports: Malabo, Bata; Radios: 80,000; Literacy: 20%.

Bioko Is. was discovered by Portugal in the late 15th century, but ceded to Spain in 1778. Independence was declared on Oct. 12, 1968 after rioting, caused by a dispute between the island and the more backward province Rio Muni on the mainland. Masie Nguema Biyogo, himself from the mainland, became president for life in 1972. His 11 year reign was one of the most brutal in Africa, resulting in a bankrupted nation. Most of the country's 7000 Europeans emigrated. In 1976, 45,000 Nigerian workers were evacuated amid charges of a reign of terror. Masie was ousted in a military coup in August, 1979.

There has been considerable activity & attention by the DX community surrounding the recent broadcasting efforts of Equatorial Guinea- International Service. In the Nov. SPEEDX, David Sharp reported the initial contact of this service. The loggings since then have been widespread, arriving by both mail and phone. Here is a capsulated summary, the first of, hopefully, many "TARGET AFRICA" reports.

EQUATORIAL GUINEA

R. Nacional-Bata

15106.4 1657 International Service: SS/EE; some loggings indicate reception as early as 1657 which are covered by RFI by 1800. Loggings include s/on w/NA, SS ID w/address, lots of Afro mx till 1715, then EE rel pgm begins. Most other loggings commence approx 2000 and include religious programming. I would like to review two reports in detail:

From David Sharp: Solid religious programming noted from tune in at 2032 to 2126 UTC. Pgm "Word of Truth" aired from 2032 to 2102. No ID's during station breaks, instead reggae mx used as filler. Complete ID by SS OM at 2019, then reggae mx, and repeat of ID- obviously taped. I thought frequency to actually be 15106, though member Marion Blanchette pinned it as 15107 on her R-600; taped ID actually announced 15110 kHz. In latest SPEEDXGram (a MUST for situations like this- ed) Bruce MacGobbon-OR listed s/off around 2120 or so. However another religious program was aired, only to be covered at 2126 with the appearance of Deutsche Welle relay. As such, actual s/off yet to be determined. 333(11-26 Sharp-FL).

Glenn Hauser included an excellent report from SPEEDXer Bob Palmer on his Dec 8, "World of Radio." Here is Bob's report for any of you who WOR (and you shouldn't- ed).

From Bob Palmer: Weak, fading to inaudible at times. S/strength improved past 2100 to where it's continuously audible. Using SIO scale, the S rating would be 1 to 1 1/2. I mean the signal doesn't even raise the meter on the R71A off the peg most of the time, but some bursts are up to S-4. I've heard this several days now, always fading in around 2030, and always getting ruined when DW Caribbean Relay starts to fire up their xatr on 15107 for their PP xmsn to Brazil. Solid DW xatr puts in a zowie signal up here: like S-9 plus many dB, and when its on, anything less than a professional grade rx and you can forget hearing anymore of the mystery station until the next day. Some days its not heard at all, but I suspect propagation conditions are the culprit, not the station being off the air. Programming is always in English, and always religion. Some of it, obscure country-type stuff with write-in addresses in OK and TX (and Dexter, New Mexico per Sandy Manning-ed). Never any ID's- just these tapes. Odd timing too, none yet have ended on the hour, the half, or the quarter. Always off by two or three minutes. And between the tapes they play 15-30 seconds of (usually) "rock" music; stuff you don't hear in the USA, done by foreign artists and if vocal, always in a foreign language. Another thing, in possibly 7 days monitoring this when its audible I have yet to hear a tape by the same organization in the same time slot twice on different days. This is definately NOT a well run studio.

A SPECIAL SPEEDX AFRICA thanks to Bob Palmer-WA, David Sharp-FL, Sandy Manning-TX, Marion Blanchette-FL, Al Quaglieri-NY, John Gunter-NC, and Ron Trotto-FL. (This is what DXing, and belonging to a club, is all about. Good work, group!- ed).

ETHIOPIA

3365 *1500

VORE

VORE: EE; paino IS, ID "You are tuned to the Voice of Rev. Ethiopia" by YL, into lcl nx by YL, poor mod. 222(11-30 Jones-VA). 322(11-22 Zilmer-NM).

GHANA3365 0600
4915 0601**GBC**

GBC- Accra: EE; nx of farming, //w/4915. 433(11-23 Wood-HI).
GBC- Accra: EE; lcl nx- better education for Ghana must be given highest priority, ID. 232(11-20 Ainsworth-LA). Also EE; ID, nx, then into African dialect (Akan, possibly ed.), African singing & mx. 432(11-23 Keenan-CA). @2115 Akan(t); chants by OM- then repeated by crowd, ancats by OM at 2118 and into military band mx- sounded like "live remote broadcast." 333(12-7 Sharp-FL). @2145 EE; ID by YL, then nx, poor audio, into vcl mx. 353(11-15 Welch-MA). @2146 EE; wld nx by OM, ID at 2155, into vern rel pgm. 3*53+(12-2 D'Angelo-PA). @2151 EE/?/?; OM w/nx till 2154, chorus mx, off abruptly at 2205. 333(11-15 Friberg-NH).

GUINEA4910 2227
7125 0700
15310 1700**Radio Guinee**

R. Guinee: EE/FF; EE tx by OM- rare on this station, and then into FF w/ID as "Rdiff National", into FF tx by OM. 333(12-7 Sharp-FL).
R. Guinee: FF; nx, unbiased presentation, trans brkdn. 444(11-21 Wood-HI).
R. Guinee: FF; ID, Afro mx, QRM- BBC Singapore on 15310. 433(11-16 Wood-HI). (Ed Note- Richard Wood directs that "La Voix de la Revolution" is no longer used, even though it is listed as such in the WRTH. Comments?).

GUINEA-BISSAU

5476 2351

R. Nacional

R. Nacional: PP; end of hilife mx, into tx by PP OM, probably nx, ment of "Bissau" w/closing ancats, into NA &s/off at 0000. 212(12-6 Sharp-FL). and

IVORY COAST4940 1124
7215 0645
11920 2252
14430 1854**RTVI R. Abidjan**

R. Abidjan:(t): FF; lcl mx "Its Raining, Raining, Hurry on to My Cottage" in EE, many personal messages including "Attention Mme. Jeanne Alexander- call 21262", mentions of Ivory Coast but no ID. (11-7 Ainsworth-LA).
RTVI: FF; 2 men talking, then Afro pops, lite GRN. 3+(12-1 Witte-CA).
RTVI: FF; tx by YL, maybe nx, no ID but // to very weak 4940 (222 & LA GRM) and 7215 (322 heavy ARO GRM). 242(12-7 Sharp-FL).
RTVI: second harmonic of 7215, Afro pops & ID. 354(11-22 Quaglieri-NY).

KENYA4915 0600
4934 0325**VOK**

VOK: AA; Afro mx w/lots of singing, very weak. 152(11-8 Keenan-CA).
VOK: Swahili; EZ vcl & early 70's pop mx, brief ancats and TC by OM, into more mx. 333(12-7 Sharp-FL).

LESOTHO

4800 0326

R. Lesotho

LNBS: Sesotho; some sort of lcl flute mx, OM w/Sesotho ancats, some UTE GRM but no LA interference as some Latins sign off early Sat & Sun evenings. 322(12-9 Sharp-FL). @2050 Vern; EE vcls w/ancats by OM, 2100 possible nx but no positive ID. 232(11-27 Welch-MA).

MADAGASCAR5011a 0329
9540 2047
11740 2108
21480 1455**RN Relay, R. Malagasy**

R. Malagasy: Malagasy; brief fanfare, then into nx by OM, almost sounded like it was read at dictation speed, ancats of Malagasy. 222(12-6 Sharp-FL).
R. Nederland Relay: EE; ID, Afro Scene, //w 11740 & 15560 from Bonsire. 222(11-23 Stone-WA) (I like your computer generated logs!- ed.). @2048 EE; Newline, and interview w/Dutch astronomer. 322(11-13 Bingham-MA).
R. Nederland Relay: EE; Media Network, and Neville Gray answering listener's questions. 353(11-29 Sampson-WI) 444(11-24 Brewer-AK) 454(11-15 Bingham-MA).
R. Nederland Relay: EE; Media Network, caty on communications satellites. 3 reports: 544(11-22 Shreedhar-INDIA) 322(11-24 Thia-CT) 333(11-29 Bingham-MA).

MALAWI

3380 0342

MBC Blantyre

MBC: ChiChewa; hilife and mx on percussion instruments, ChiChewa OM tx, mixing w/co-channel Latin station. 322(12-7 Sharp-FL). @1700 ChiChewa; nx, mention of Pres. K. Banda. 333(11-13 Wood-HI).

MALI

4783 0558

RN du Mali

RNM: FF/Bambara; Cora IS to 0600, then OM ID, sheds, immediately into lcl mx & chants, then YL tx to 0608, some CW GRM on lower side of carrier (4780 kHz.). 333(12-10 Sharp-FL). @0558 FF; IS, opening NA, FF ID, tx pgm w/mentions of Bamako, then lcl children's mx. 333(11-17 Soomre-MA). @0635 FF/vern; NA, then native mx, exceptional sig today! 444(11-28 Heinen-CO). @0610 FF/vern; sitar-like instrument and flute mx, tx in vern, then N. African guitar mx w/YL vcl, FF ID at 0700, FF nx at 0702. 222(11-24 Ainsworth-LA). @0715 vern; OM tx, very fast lang but not FF, No ID & lots of RTTY GRM. 111(11-23 Keenan-CA).

MAURITANIA RNM
 4845 2202 RNM: AA; ID, then OM w/AA vcls. 332(11-21 Welch-MA). @2330 AA; Koran recitations to 2347, into OM tx. QRM de LA stations. 422(11-27 Sharp-FL).

MAURITIUS NBC
 9710 1128 NBC: Hindi(t); usual pgm of Indian mx, occasional tx by YL, mixing w/several other stations & undermodulated. poor(12-8 Sharp-FL).

MOROCCO VOA Relay, R. Mediterranean International
 11760 1946 VOA Relay: OM w/Star profile- rocker Pat Bennatar. 343(12-4 Bingham-MA).

MOZAMBIQUE R. Mozambique- Emissao Nacional, R. Maputo
 9618 0410 RM- Emissao Nacional: PP; Morning Show, TC by DJ. 433(11-11 Wood-HI). @1539 PP; jazzy disco-beat mx w/possible Afro lyrics, "Beira" (pronounced BAH-rah) heard very distinctly, into nx, then ID "Emissao Nacional" at 1608, almost gone by 1612. Lots of QRM, including 4 or 5 Russian jammers and KGEI on 9615. (Excellent report- ed). (11-13 Palmer-WA). @1800 R. Maputo: EE; nx & tx, severe fading. 432(11-16 Shreedhar-INDIA). @1822 R. Maputo: EE; pgs about agriculture in Mozambique, ID at 1827 "You have been listening to Radio Maputo, the external service of RM. 333(11-15 Quaglieri-NY).

NAMIBIA R. SWA
 3270 0351 R. SWA: Afrikaans; continuous EZL mx, vcls by Perry Como and others, //w/3295 (322 & suffering from TGNA's splatter). 333(12-7 Sharp-FL). @ 2300 EE; ID then mx "The Lion Sleeps Tonight", other mx. 232(11-22 Gray-MI).

NIGER ORTN
 5020 2123 ORTN: FF/& unid; very weak audio, tx de OM in FF w/occasional vern chants and recitations. Clear ment "Niger" and "Sahel" at 2130. 242(12-7 Sharp-FL).

RWANDA R. Rwandaise, RDW Relay
 3330(t) 0346 RR: Kinyarwande; brief OM tx, into drum solos, faded out at 0351. On low side of CHU, certain not Comoros- as prop cond to Indian Ocean area fading w/approach of daylight hours. poor(12-9 Sharp-FL).
 7225 0434 DW Relay: EE; OM w/nx. 433(11-13 Jordan-NC).
 15410 *1229 DW Relay: FF/EE; ID in FF by OM followed by EE nx and Tx on re-election of Rumanian president. 232(11-24 Welch-MA).

SENEGAL ORTS
 4890 0711 ORTS- Dakar: AA; OM tx endlessly! Very Ho-Hum. 333(12-3 Thompson-CA). @0740 vern; tx and lcl guitar mx, FF ID on hour 0800. 322(11-18 Ainsworth-LA). @2135 FF/vern; string instrument w/drums, ancmts by OM at 2200, heavy QRM- but better at 2330. 242(11-12 Dillon-DC). @2244 FF/vern; continuous tx by OM, ments of Dakar and FF ID at 2250, over-riding LA QRM. 434(11-27 Sharp-FL). @2250 AA/FF; cmty by 2 OM, then FF ID at 2325- fading. 433(11-05 Gray-MI).
 4950 2343 ORTS- International Service: FF; extensive conversation w/OM & YL, into hilife vocals and EZL instrumentals., 2357 ID & S/off w/ancmts & NA. 454(11-9 D'Angelo-PA). @2230 FF; Senegal rejoins the ranks of Int'l broadcasters! First noted here on 11-19 w/a variety of lcl mx, positive ments of Dakar and occasional ID by heavily accented FF OM, reliable sigs most nights, may be 100 kw- but not //w/4890. 344(11-26 Sharp-FL). @0556 FF; IS till 0559, then OM w/s/on & ancmts, then NA and wld nx. //w/4890 till after nx then 4950 continued w/ Afro and US pops. 4890 continued in AA. 323(11-26 Schwautz-NY).

SEYCHELLES FEBA
 9600 1700 FEBA: Somali; IS, ID "Halkani waa R. FEBA", religious mx. 544(11-23 Wood-HI).
 11750 1730 FEBA: Amharic(t); IS on xylophone, then "What a Friend We Have in Jesus" both before s/on and after s/off at 1833, the lang does not have Swahili inflection and intonation, although on 11-13 I heard words "Uhuru" (Swahili for Free or Freedom) and "Kikuyu" (a Kenyan people), programming was mostly native lang hymns and gospel songs. I just don't rely on WRTN '84 for FEBA- Seychelles anymore- it never seems correct either as to timing or frequency. (11-12, 13, 14 Palmer-WA).
 11800 0459 FEBA: unid; tone IS to 0500, OM ID in inid lang- possibly Indian dialect. Into rel pgs, some fading. 232(12-7 Sharp-FL).
 15325 1605 FEBA: EE; nx after "Back to the Bible". 544(11-20 Shreedhar-INDIA).

SOMALIA R. Mogadishu
 7200 0316 RM: Somali; tx on situation of militant hijacking of Kuwaiti Airways flight, clear ancmts of Mogadishu and into distinct Somali mx. 333(12-9 Sharp-FL).

TANZANIA R. Tanzania, R. Tanzania Zanaiber
 3339 0337 RTZ: Swahili (t); Quran recitations, into OM tx, deep fades in sig plus TVI

QRM made this impossible to ID. Supposedly now 50 kw. poor(12-9 Sharp-FL).
5050 0459 RT: EE/Swahili; drum solos to 0500, tent ID de OM. 433(11-30 Sharp-FL).

TOGO
3222 0605 RT: R. Lome Kara: FF: nx of "la Pres. de la Republique". 333(11-23 Wood-HI).
5047 0555 RT: R. Lome: FF; chants and string mx, ID w/chimes, OM annr into Afro
hilige mx at 0600. 4(12-1 Witte-CA). @2256 FF; OM tx, occasional mx, fairly
strong sig but very weak mod, audio lost at 2304. 333(11-27 Sharp-FL).
FF by OM, some hilige, good sig strn but poor audio. 434(10-28 Sharp-FL).

TUNISIA
11730 0715 RT: (t): AA; song by OM & YL in AA, then interview of people on street by OM,
mx is nice! 454(11-0 McKeon-IN).

UGANDA
5027 0330 R. Uganda: vern (t); ID by OM and into nx, "Uganda" mentioned repeatedly.
232(11-23 Gray-MI). @0358 EE; lcl nx, pgm on planting of food crops. 222(11-
24 Ainsworth-LA). @0400 EE; ID, nx, tx about SWAPO. 333(11-28 Gunter-NC).
@0413 EE; nx in accented EE, mostly Uganda datelines, frequency drift.
232(11-24 Heinen-CO). @0422 EE/vern; nx w/OM followed by pgm in vern at 0430.
252(11-24 Welch-MA). @0446 EE; tx by OM in EE & vern, Uganda mentioned every
minute or so, sig beginning to fade. 333(12-7 Sharp-FL). @2053 EE; weird mx,
strange sounds, ID into nx read by Davis somebody ??, s/off w/ancats and some
mx but not NA, then gone. 353(11-17 D'Angelo-PA).

ZAIRE
5066t 0412 RC: FF/Lingala (t); brief OM tx and into continuous hilige mx, no discernable
ID, Albanian QRM. 242(12-5 Sharp-FL).
7205 0431 R. Lubumbashi: Lingala (t); hilige and guitar tunes, into low-key tx by OM
w/clear ment of Lubumbashi, audio sounded like it came from a tine can! Very
irregular here. 333(12-7 Sharp-FL).
R. Kinshasa: FF/Swahili; lots of tx w/numerous mentions of Zaire & LVDDZ, nice
hilige mx from 1920 on. 343(11-7 Forsfren-WI). @1930 FF/vern; many ID's, FF
nx, Afro mx, ID. 433(11-21 Gunter-NC). @2045 FF; pop mx, long tx, no ID,
sudden off mid-sentence. 454(11-29 Gunter-NC). @2110 FF; EZ pops
and distinct Afro mx, occasional breaks in audio noted, and quality of modulation
varied. Possible ancmt of Kinshasa at 2132, though no formal ID heard.
Recheck during subsequent days revealed little or no audio on this freq, so
broadcasting may be erratic. They were also heard last winter on 15350, which
may be worth checking out. 242(11-25 Sharp-FL).

ZAMBIA
4910 034 R. Zambia: EE/vern; Fish Eagle IS, CW QRM at 0352, ID by OM at 0353. 232(11-
23 Gray-MI). @0451 EE/vern; tx by OM pertaining to Lusaka, modulation too
muffled to determine exact subject matter, into hilige, some CW QRM. 333(11-3

ZIMBABWE
3396(t) 0409 ZBC- R. Zimbabwe
RZ: EE; faint tx by OM- probably nx, no ID noted and into mx pgm, very
unstable and weak signal. 122(12-7 Sharp-FL).

CLANDESTINE
4950 0340 A Voz de Verdade (Voice of Truth): PP; deep fades and atmospheric noise, OM
annr, lite mx with some good PP lang Brazilian songs w/vcls, audible only on
USB, received again two nights later. Possibly a xtr inside Angola and run
by contra forces, or from South Africa. This is probably the best bet, given
the current political tensions between them and Angola. (Palmer-WA).

EDITORIAL COMMENTS

I hope everyone had a very pleasant and happy holiday season; Thanks to so many of you for the cards and letters, I enjoy every one and answer all that I can. I especially wish to thank Bob Palmer for his loggings, as well as Sandy Manning for her phone call. Most importantly, continued credit to all you fine contributors for your on-going efforts, especially you regulars.

Had to omit several countries this month; however, good news on the way! As is typical of SPEEDX taking the lead in SWL-DX Club arena, look for some progressive and major changes in the bulletin next month . . . all implemented towards the end of serving the membership in a more effective and responsive way. I'll not say more, except that I know you will be impressed. Starting in February! !!

Lastly, anyone wishing to phone in their loggings can do so by calling the SPEEDX Africa Hotline at 616-676-0671. I'm usually in my monitoring post after 0000 UTC, but if not the recorder will take the information. I hope you'll call!

Until February, good listening . . .

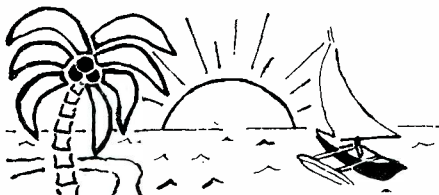
Speed

ASIA-OCEANIA

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



Happy New Year! I trust that everyone has recovered from their Holiday celebrations and is ready for another great year of DXing. Congratulations to all members who were lucky enough to get a new receiver or other SWling accessory for Christmas. Now let's put them to good use and start contributing your loggings to the A/O column (as well as all the other fine SPEEDX columns).

Due to the overwhelming number of loggings sent to me this month, I am forced to edit out a large quantity in order to fit everything into my allotted six pages. Beginning in February, this will not be the case, as SPEEDX inaugurates a new bulletin concept (see info elsewhere in this bulletin). Anyway, in this issue, I have cut out all frequencies that were reported in the December 84 column for the following countries: P.R. of China, Israel, Japan, and Australia. Even with these cuts, I still have over 30 Chinese frequencies to list! So I better get started.....

C H I N A (PEOPLE'S REP.)		R. Beijing and regionals
3310	1435	<u>Jilin, Chanchung</u> : CC: nice rousing choral mx (333 11/20 Thompson-CA)
3360	0955	<u>Beijing Taiwan Svc</u> : CC: YL tlk w/flute mx btwn topics; Western Big Band mx; QRM de RTTY on 3355 (322 11/24 Nowicki-CA)
4035	1650	<u>RB via Lhasa Tibet</u> (listed): Hindi: nx summary; 1656* after harp melody (333 11/13 Wood-HI)
4045	1115	<u>FPS-1</u> : CC: nice piano mx; tlk by OM & YL (222 11/25 Prath-FL)
4250	1005	<u>CPBS-2 Beijing</u> : CC: OM & YL chatting w/YL laughing a lot; RTTY QRM (322 11/24 Nowicki-CA)
4380	1055	<u>FPS-2</u> : CC: modern opera sung by YL w/trad instruments; probably composed by & for PLA. Mao may have died but his PLA lives (323 11/22 Nowicki-CA)
4460	1040	<u>CPBS-1</u> : CC: marching mx w/OM annex (212 11/22 Nowicki-CA)
4620	1300	<u>RB</u> : KK: vcl & instl mx, class & piano; stn very seldom hrd here (454 12/3 Thompson-NM)
4883M	1440	<u>RB</u> : Mongolian: OM tlk; short segment of wild CC or Mongolian mx; into RR xmsn at 1500 then hvy jamming; 84 Tropical Band Survey (TBS) shows this as 1500*, so here's example of Beijing's Foreign Svc move to lower freqs for nitetime xmsns to E. & SE Asia (11/29 Palmer-WA)
4915	1601	<u>Guangxi PBS</u> : CC: Rev. mx; ID by YL "Guangsi Kuang Po Dien Tai" and 1603* (fair 11/28 Palmer-WA)
5030	1445	<u>RB</u> : Mandarin: exc pgm of CC class mx; also some W. Hemis. classics! (This wouldn't have happened when Mao was "the man"); ID & 1555*; Beijing apparently moving sev. bcsts for SE Asian Svc to 60m band to be able to get thru during this time of miserable nitetime reception (for them) in the N. Hem. (good 11/28 Palmer-WA)
5049.6M	1350	<u>RB</u> : VV: OM & YL w/apparent pol. tlk; IS at 1356 & back in VV at 1400 (fair 11/28 Palmer-WA)
5075	1325	<u>CPBS-2 Beijing</u> : Mandarin: YL w/nx; little mx (good 11/29 Palmer-WA)
5125	1610	<u>R. Beijing Taiwan Svc</u> : CC dialect (not Mandarin): YL tlks; xmtr site listed as Fujian Prov. while // 4770 supposed to be Beijing (fair 11/28 Palmer-WA)
5295	0855	<u>RB</u> : CC: mx; ID at 0900 then YL w/nx (222 11/30 Nowicki-CA)
5320	0855	<u>CPBS-1</u> : CC: YL tlk; flute & wood block mx (454 11/29 Nowicki-CA)
5800	0045	<u>Xinjiang PBS</u> : Uighur: primitive Cent. Asian mx; 6 TPs at 0100 & poss. ID by OM; nx by OM & YL; noisy by 0111; // 4735 (gd 11/10 Palmer-WA)
6400	0840	<u>FPS-2</u> : CC: accordion mx; OM & YL w/poss. intvw show; hvy QRM de Baku USSR on same freq (211 11/29 Nowicki-CA)
6560	1045	<u>RB</u> : RR: OM w/tlk; hvy jamming; //9480 also jammed (fr 11/11 Palmer-WA)
6665	1030	<u>CPBS-1</u> : CC: OM & YL w/tlk (333 11/23 Heinen-CO) at 0730 w/opera (Trotto-FL) at 0825 w/children singing (Nowicki-CA)

CHINA Cont.

6955 1035 RB: JJ: OM & YL w/nx; good sig but rapid flutter; //7480 (11/11 Palmer-WA) at 1130 in JJ w/CC mx & ID by OM (332 11/11 Prath-FL)

7080 1620 RB: Hindi; OM, YL tlks w/occ CC mx; //s hrd were 9920 & 6590; ARO QRM (11/27 Palmer-WA)

8260 0925 RB: RR: The "Backwards Russian" beamed to USSR w/tape of pgm played backwards; never jammed as it is meant to be received by the Soviets & recorded and played so as understandable. Average Soviet citizen does not have the equipment needed; clever anti-jamming technique (333 11/10 Nowicki-CA) HI

9570 *1700 RB: EE: "Land and People": "Listener's Corner"; 1756* (444 11/23 Wood-AR)

9860 *0400 RB: EE: new winter freq to NAM (343 11/11 Wood-HI) (12/1 Stephenson-CA) at *0300 in EE: wld nx; CC mx (121 11/16 Femyer-AZ)

9880 *0200 RB: EE: another new freq to NAM (343 11/22 Wood-HI) also at 0005 in EE: w/nx; CC lang lesson; 0155*(Brewer-AR)(Trotto-FL)(Prath-FL)

11860 0330 RB: EE: selections from a CC Chanteuse (333 11/6 Stephenson-CA) at 0040 in EE: "Mailbag" pgm; // 9880; flutter & QRN (11/28 Palmer-WA)

15105 0025 RB: SS: YL w/nx & cmty on Marxism, Leninism; QRM de Soviet FE stn on 15100; // 15180 w/CC mx at 0031 (11/28 Palmer-WA)

15180 0100 RB: SS: "Aqui Pekin"; boring tlk on "las cuatro modernizaciones" (222 11/12 Stephenson-CA) (544 11/10 Wood-HI) at 2345 in SS: (Prath-FL)

15670 0050 Beijing Minority Lang. Svc: Uighur; CC rural mx (Arabic sounding); OM w/tlks; poor modulation (444 11/11 Berri-CA)

C Y P R U SBBC Relay

3990 0409 BBC: EE: end of wld nx into "Newsdesk" (333 11/19 Wood-HI)

6180 2050 BBC: EE: tlk on pain-killing drugs; nx summary at 2100 into "Network UK"; //6175 Antigua (333 12/5 Thunberg-PA)

17885 1300 BBC: EE: World Svc nx; "24 Hours" pgm; // 11775 (232 11/17 Prath-FL)

I N D I AAll India Radio

3925 1640 AIR Delhi: Hindi: sitar mx, ID; QRM de NSB (433 11/20 Wood-HI)

7260 0220 AIR Bombay (listed): Hindi: lt Indian mx; best on band (544 Wood-HI)

9525 0200 AIR Madras (listed): Hindi: Indian film mx; QRM de VOA SS svc (433 11/15 Wood-HI)

9545 1400 AIR Delhi: EE: Genl. Overseas pgm of nx, cmty, mx (333 11/23 Zilmer-NM)

9912 2203 AIR Delhi: EE: nx of PLO Council & state of emergency in Nairobi (232 11/28 Weikel-MI) tlk of military aircraft being developed in India (322 12/1 Thim-CT)

11810 *1327 AIR Delhi: EE: IS to 1330 then OM w/nx incl. rpt of gas poisoning tragedy in Bhopal; //9545 which was QRM'd (322 12/5 Jordan-NC)

11830 0145 AIR Delhi: Tamil: ID, "Akashvani", mx (444 11/21 Wood-HI)

I N D O N E S I A

3995 1650 RRI Tanjungkarang: IN: nx, island melody; 1700*; report that all RRI stns are now 24 hrs applied only during Ramadan (333 11/13 Wood-HI)

3935 1659 RRI Semarang: IN: s/off w/ soft melody & ID (333 11/13 Wood-HI)

4899.4M 1603 RRI Surakarta: IN: gamelan mx (IN drama w/acc. on native instruments) QTH derived from DSWCI's 84 TBS; fr-gd decreasing as sun rose higher; bad static during big snowstorm in progress (11/27 Palmer-WA)

7270 1555 RRI Jakarta: YL w/pop mx pgm; full ID by OM into nx; QRM de ARO (322 11/30 Sharpe-CA)

11700 1100 RRI Jakarta: IN: "warta berita" (nx), mx (333 11/22 Shreedhar-India)

I R A NVOIRI

11790nf 0357 VOIRI: AA: ID, march, Qur'an; QRM de V. of Yersvan (433 11/21 Wood-HI)

15084 1335 VOIRI: Farsi: ID by OM; praying/chanting (333 11/23 Abbinante-IL)

I R A QR. Baghdad

11750 1801 RB: AA: s/on w/out warning on top of FEBA Seychelles; lots of AA mx; clock chimes at 2000 (similar to those of Cairo & Lisbon); nx always follows chimes, read by OM; // 11700 (good 11/13 Palmer-WA)

I S R A E LKol Israel

9385 0400 KI: HH: ID, nx; Ute QRM (433 11/12 Wood-HI)

9425 2240 KI: EE: tlk of inflation in Israel (343 11/10 Prath-FL)

Remember, see the Dec. 84 column for a complete list of Kol Israel's freqs....RBT

J A P A NNSB; FEN; NHK (R. Japan)

3925 0800 NSB: JJ: OM & YL w/radio play, nx, & ads (353 11/9 Keenan-CA)

6055 0702 NSB: JJ: tlk by OM w/ment of Tokyo; pop mx; hrd after HCJB s/off (222 11/15 Ainsworth-LA) at 0920 in JJ: EE lang lessons; //3925 (333 11/15 Stone-WA) (453 11/10 Keenan-CA)

6115 0638 NSB: JJ: nice JJ mx; ID at 0645 as "R. Tanpa"; hrd thru R. Moscow Cuba relay; //3945 (fair 11/7 Sheedy-CA)

JAPAN Cont.

6155 1000 FEN: EE: Paul Harvey cmty w/annct that his views are not those of the
FEN; //3910 (222 11/15 Stone-WA)
7235 1505 NHK: EE: wld nx; ARO QRM (312 11/4 Downing-CO) "Tokyo Pop-In" & "Our
Heritage" pgms (322 11/22 Zilmer-NM)
9575 0510 NHK: GG: Euro Svc, science essay contest; into FF at 0530; just 5 kHz
from RJ Gabon relay on 9570 but not in synch with it, running several
seconds ahead (454 11/16 Wood-HI)
11815 1900 NHK: EE: tlk on Indian political events following Ghandi assassination
(445 11/16 Valentine-CA)
15195 *0145 NHK: EE: wld & Asian nx, "Current Topics", "Japan Cyclopedica", "Crose-
currents"; //17825, 21610, 21640 (454 11/15 Neuveth-CO)(Keenan-CA)
15210 2300 NHK: EE: Asian svc of nx, "Current Topics" (322 11/24 Zilmer-NM)
15235 *0625 NHK: EE: IS, into nx to Europe; 0700* (434 11/16 Wood-HI)
21610 0229 NHK: EE/JJ: JJ lesson & word games (444 11/15 Stephenson-CA)

K O R E A (DEM. PEO. REP.) R. Pyongyang

2850 0930 KCBS-Pyongyang: KK: OM anncr w/mod. choral mx; lost in QRN at 0950 (232
11/24 Nowicki-CA)
3015 1330 RP: JJ: IS, ID; //6540 (343 11/27 Zilmer-NM)
3150 0824 KCBS Pyongyang (presumed): KK: ID "Yokineun Pyongyang"; pol. tlk w/mar-
tial mx; does anyone else ever listen to this stn? (333 12/2 Sharpe-CA)
You're the only person who has ever reported this stn Bryan, and I've
never seen it listed anywhere else...RBT
3560 1301 RP: EE: ID by YL: OM tlk into martial mx (242 12/1 Hardester-CO)
4120 1430 V. of Rev. Party for Reunification: EE: chimes/IS; YL w/propaganda incl
tlk of anti-govt demonstrations by S. Korean Univ. students; QRN, RRTY
QRM; annod as coming from Seoul but Danish TBS lists QTH as Pyongyang
(322 11/26 Sharpe-CA)
6600 0659 KCBS: KK: lt class mx; ID by YL; TPs at 0700, nx (343 11/16 Trotto-FL)
9970a 1600 RP: EE: nx, mx, tlk on Kim-ul-Sung (444 11/19 Shreedhar-India)
11755 0010 RP: SS: tlk abt incident at demarcation line where several people were
killed; ID at 0017; QRM'd by EBC-Ascension & Havana (11/28 Palmer-WA)
15230 2308 RP: EE: cmty on economy & foreign trade(444 11/22 Cox-CA)YL w/press
review, the OM & YL who annc this pgm certainly aren't native EE spkrs;
obviously school-trained as their pronunciation is awful (good 11/27
Palmer-WA) cmty on Korean Army; 0050* w/NA which has tune similar to
"God Bless America" (!) (353 11/13 Keenan-CA)(544 11/27 Valentine-CA)

K O R E A (REP. OF)R. Korea

6015 0836 KBS: KK: Social Ed. Svc, YL w/tlk-she frequently called to N. Korean
soldiers; KK trad mx (454 11/23 Shimada-JP) (444 11/14 Wood-HI)
7550 2213 HK: EE: Olympic fanfare mx, tlk of Korean cultural arts; oriental mx;
YL read letters; nx at 2230 (232 11/25 Bingham-MA) (Abbinante-IL)
9750 *1400 HK: EE: sked, wld nx; "Pop Song Corner", "Bridge of Friendship"; //
15575 (444 11/3 Neuveth-CO) tlk of US/Korean trade (343 11/2 Cox-CA)
pgm abt Korean theater; KK lang lesson (444 11/24 Brewer-AR)
11810 *0145 HK: EE: ID, sked for "American & N. American Svc" (what's the differ-
ence?), nx (444 11/21 Wood-HI) (Bishop-NY)
15375 2200 HK: EE: ID, nx, cmty; xmsn not on 15575 (444 11/10 Wood-HI)
15575 1140 HK: EE: "SW Feedback" (544 11/18 Shreedhar-India) at 0055 in PP: YL
anncr w/pgm of pop mx (444 11/25 Grosvenor-CA)

K U W A I TR. Kuwait

9840 1907 HK: AA: ID "Min al-Kuwait"; AA mx & drama pgm (343 11/10 Dillon-DC)
11675 1835 HK: EE: YL w/nx & wx; rock mx (222 11/30 Stone-WA) (343 12/1 McKeon-IN)
at 1928 w/rock mx & cmty on Iraq/Iran war (242 11/27 Bingham-MA)
11990 1532 HK: AA: anncts & AA mx (232 12/1 Weikel-MI)
21675 1240 HK: AA: AA mx pgm; OM w/ID & tlk (343 11/22 Prath-FL)

L A O S

5659t 1158 Xiang Khouang: Lao: flute mx, OM anncr; brief anthem at 1200 into nx
by YL; //6130; sent report-can't believe I hrd this one! (152 11/15
Quaglieri-NY) Good luck Al. WRTH lists freq as 5607 but you may have
snagged it...RBT
6130 1211 National Radio of Laos: Lao: YL w/Lao nx to 1215; OM w/ment of "Wian-
chan"; only hrd traces of this stn in last 10 yrs-best reception ever
from Laos, so believe my 5659 logging to be real(343 11/15 Quaglieri-NY)

L E B A N O N

6215 *0400 V. of Hope: AA: anthem, ID "Sawt al Amal fii Sharq al Awsat" (V. of
Hope in Middle East); sked in AA, FF, EE then jammed; 1st time hrd
jammed-was not so when I was in S. Arabia (544 11/19 Wood-HI)
6232.5 *0400 V. of Arab Lebanon: AA: Leb. NA, ID "Sawt ul Lubnan al-Arabi" into
Qur'an recitation; booming signal (544 11/19 Wood-HI)

LEBANON Cont.
6550 *0405

V. of Lebanon: AA: "River Kwai" IS, Leb. NA in vcl AA version, vocal jingle "Min Sawt Lubnan" into dance mx (444 11/19 Wood) Since all 3 Lebanon stns were hrd at the same time, I assume you must have had the frogs punched in the memory of your R71A & switched back and forth Richard, am I correct? RBT Also hrd at 0427 in AA: instr mx including "Amazing Grace"; some tlk (242 11/8 Jordan-NC)

MALAYSIA
4950 1255

(EASTERN) R. Malaysia
RM Kuching: CC: piano & orch mx; OM tlk (454 11/30 Thompson-NM) at 1415 in EE: ID & nx read by Agnes Lim; cmty on multi-racial society; pop mx on piano; TC (242+ 11/20 Sharpe-CA) tent at 0940 in CC: YL w/poss nx; nice E. Asian mx; prob Sarawak but I don't make it with CC lang (fair 11/11 Palmer-WA)

MONGOLIA
5053M 1425

R. Ulan Bator
RUB: no speech, hrd-xmtr tone only; SOMEONE is testing a SWBC xmtr of considerable power here; hrd 28 Nov w/similar fade characteristics to other low freq Asians hrd that morning; also hrd 2 Dec to 1455*; would not be surprised if RUB shows here soon with For, Svc best to SE Asia (11/28 & 12/2 Palmer-WA) Let us know if you hear more Bob...RBT
RUB: Mongolian(?): def. Mongolian mx; long pauses btwn pgm segments; no def. ID but hrd word "Ankararai" (attention!) TPs at 1530 then nx by YL; also hrd on 12/2 at 1309 w/mx & prayers(11/30 & 12/2 Palmer-WA)

OMAN
15310 1512

BBC Relay WA)
BBC: EE: ID, mx pgm; OM stated his throat was sore! (222 11/20 Stone-

PAKISTAN
5905 0115
9485 *1640

R. Pakistan
RP: lang: ID, tlk, lcl mx (322 11/25 Zilmer-NM)
RP: EE: IS into pgm for UK, Europe, MidEast, N. Afr., Qur'an recitation; // 12025 (444 11/16 Wood-HI)
RP: Turkish: ID, nx (433 11/16 Wood-HI)
RP: Urdu: S. Asian mx; OM w/ID; Qur'an; 0659* w/"Pakistan zindabad" & NA (453 11/24 Shimada-JP)

PHILIPPINES
6110 1631

VOA; R. Veritas; FEBC
VOA: EE: VOA nx: "Reagan wins election". "Caller to US Embassy in Beirut threatens life of every American in Beirut". (fr 11/7 Palmer-WA)
VOA: Hindi: OM w/nx; WRTH shows switch to Pashto lang at 1630, but I'm sure he kept right on in Hindi (vy gd 11/27 Palmer-WA)
R. Veritas: lang: instr mx the YL w/pgm; poor sig w/QRM de WYFR; 1145' f/out (11/23 Welch-MA)
R. Veritas: EE: "Friendship Unlimited" pgm (333 11/22 Zilmer-NM) NY)
VOA: IN: US pop mx; poor sig mixing w/USSR Vietnam svc(11/10 Quaglieri-)
FEBC: EE: YL w/Asian & wld nx; "Science, Scripture, & Salvation". New freq for evening best to Asia (353 11/24 Shimada-JP)
FEBC: EE: time sig, ID in Aussie accent; QRM de VOA FF svc(433 11/13 Wood-HI)
11930 1650 FEBC: Tagalog: nx for Filipinos abroad; relg pgm w/ment of "Dios, Cristo"; WRTH shows 1600-1700 on 15430. (544 11/16 Wood-HI)
15195 0210 R. Veritas: EE: "Listener's Intl" pgm (444 11/24 Shreedhar-India)
15225 *2200 FEBC: various: Thai 2200-2230, Lao 2230-2300, Hmong 2300-2330, Cambodian 2330-2400*; children singing bible songs, & other relg pgms; this freq seems to replace 9715 for D-84 period; fair level w/QRM de BCC-Taipei after 2300 (11/24 Palmer-WA)
15450 2300 FEBC: EE: "Good Morning" pgm w/Xmas songs; Technology pgm on robots (454 11/8 Keenan-CA) Xmas songs & Hymns; pen pal addresses; tlk on 3rd World poverty; nx (322+ 12/2 Sharpe-CA)

SAUDI ARABIA
5875 0305
9885 2127
11855 1846

BSKSA
BSKSA: AA: endless AA chants; Ute QRM (222 11/23 Gray-MI) (Wood-HI)
BSKSA: AA: full ID; drama pgm, AA mx; QRM de RCI (433 11/4 Dillon-DC)
BSKSA: EE: end of nx, "Saudi Arabia, A Daily Chronicle" pgm; wx & pop mx pgm (333 11/24 Quaglieri-NY)

SINGAPORE
3915 1445

BBC; SBC
BBC: lang/EE: nx by OM & YL in unid lang; nx in EE on Indian gas poisoning disaster (323 12/5 Sharpe-CA)
SBC: CC: CC vcl mx; anncts by YL; time sig at 1100, no ID hrd; 1130 f/out (242 11/22 Welch-MA)
BBC: nx & wx; cmty on Chinese computer dating; tlk on British history & culture; update on British rock stars (343 11/22 Cox-CA) at 1535 in EE: "Concert Hall" (242 11/25 Brewer-AR) at 1600 in EE (Sharpe-CA)
BBC: EE: World Svc nx; QRM de Conakry on 15310.5 (433 11/16 Wood-HI)
BBC: EE: OM w/tlk on Aristotle; gd daytime sig (444 12/2 Sharpe-CA)

S R I L A N K A

9719 1330
 11802 1530

Sri Lanka Bosting Corp.

SLBC: EE: cmty on UN & nuclear conferences (322 11/28 Zilmer-NM)
SLBC: EE: 6 TPs, TC, YL w/ID into Indian relig mx(222 11/23 Quaglieri-NY)

S Y R I A

12085 1350

R. Damascus

RD: AA: orch mx; YL tlk; ID by OM at 1400; 1st time hrd (222 11/26 Abbinante-IL) tent at 0500 hrd one night only w/AA mx & OM anncr; surprisingly good 5-hrs-after-dark conditions on 25m band; may still be using this freq at this hr but usual prop. conditions prevent us from hearing it; still hrd past 0630 and 25m usually dies here after 0230; hrd ment of "Souriyyah" & "Dimashq" but no actual ID (11/30 Palmer-WA)

T A I W A N

5980 1100
 9510 1537
 15225 *0000
 15270 0032
 17890 *0200

V. of Asia; V. of Free China

V. of Asia: EE: ID "This is the EE pgm of the V. of Asia"; nx by OM; QRM (242 12/2 Welch-MA) at 1500 in EE w/lcl mx (322 11/26 Zilmer-NM)
VOFC: CC: YL/OM anncrs w/nice harmony vcls & tlk(533 12/3 Thompson-CA)
VOFC: lang: IS, ID, YL tlk, lcl mx; not // 15270 (322 11/27 Zilmer-NM)
VOFC: CC: OM tlk; ID at 0034; orch version of song "Cest Si Bon" and variety of really hokey mx w/cmty btwn segments-really dumb pgm (good 11/28 Palmer-WA)
VOFC: EE: anthem, request for reports-addr given (544 11/22 Wood-HI)

Loggings received for 6065 and 5985 are VOFC via WYFR, USA.

T U R K E Y

7215 2101
 9515 1800
 9755 2333
 15220 1305

V. of Turkey

VOI: EE: sked, nx; "Review of Turkish Press"(333 11/29 Bingham-MA) mx, Travel pgm; hvy ARO QRM (322 11/23 Dillon-DC)
VOI: Turkish?: ID, nx on Palestinians (343 11/11 McKeon-IN)
VOI: EE: ID, Turk mx; hrd after RCI s/off (434 11/25 Trotto-FL)
VOI: Turkish: Turk mx, tlk by OM/YL; clear ID (333 11/10 Prath-FL)

U S S R (ASIAN)

3995 1425
 4040 1445
 4485 1205
 4610 1025
 4825 1340
 5900 1615
 5945 *1200
 5985 1420
 7100 0200
 7200 0600
 7290 1533
 7300 0710
 11790 2150
 21475 0000

Khabarovsk-ARSPSR: RR: relay of Mayak 2 pgm of mx & nx; strong sig but ARO QRM (11/27 Palmer-WA)
Vladivostok-ARSPSR: RR: Mayak 2 pgm //3995; strong (11/27 Palmer-WA) at *1130 w/IS, nx by OM (332 11/25 Prath-FL)
Petropavlovsk-Kamchatskiy ARSPSR: RR: Mayak relay of nx & tlk about Nicaragua; //4765 (353 11/24 Prath-FL) at 0545 w/radio play & YL w/cmty; // 4785 (444 11/27 Heinen-CO)
Khabarovsk-ARSPSR: RR: honky tonk piano w/YL vcl; ID at 1030 (232 11/22 Nowicki-CA)
Vladivostok-ARSPSR: KK: exc propagation to NE Asia this AM; much tlk, little mx; I think this is a locally produced pgm, not // RM's ext svc pgms in KK (fr-gd 11/28 Palmer-WA)
RMWS Petropavlovsk-Kam.: EE: usual anti-US stuff; //5920 & 6050 both believed Khabarovsk (good 11/7 Palmer-WA)
R. Tashkent Uzbek SSR: EE: ID, nx by YL; cmty on "aggressive US policy" // 9540, 9600, 11785 (333 11/11 Prath-FL)(Weikel-MI)(Zilmer-NM)
R. Tashkent Uzbek SSR: EE/Hindi: nx, cmty, C. Asian mx; Uzbek anthem at 1429 into Hindi at 1430; 1500* (good 11/30 Palmer-WA)
RMWS Yakutsk-ARSPSR: EE: orch mx; cmty on US & Nicaragua; 1st time hrd on this freq (454 12/2 Thompson-NM)
Yakutsk-ARSPSR: Yakut: lcl ID, Yakut nx & intvw (444 11/10 Wood-HI)
RMWS Vladivostok: EE: "Focus on Asia" abt CIA in S. Asia; folk mx (544 12/2 Sharpe-CA)
RMWS via unid site: EE: "Moscow Mailbag" w/Joe Adamov(433 12/3 Sharpe-R. Kiev Petropavlovsk-Kamch. (site presumed); Ukranian: nx to 2157, test tones into Kiev's IS & Ukranian anthem; ID as "Kiyivskaya Radyo" // 15100 & 15240, both good (good 11/8 Palmer-WA)
RMWS Vladivostok: EE: wld nx; "News & Views" pgm (333 12/2 Sharpe-CA)

U N I T E D A R A B E M I R A T E SR. Dubai

9565 0340
 11730 0330
 11955 1600
 15320 1330

RD: EE: ID & addr; "Contact", good pgm of genl info on UAE (443 12/1 Prath-FL) IN
RD: EE: nx of Iraq/Iran war (gd coverage of region)(222 11/25 McKeon-IL)
RD: EE: intvw w/foreign workers; class mx; better than //s 15300, 15320 (344 11/28 McKeon-IN) TPs at 1630, nx into AA at 1643(11/14 Kerrigan-IL)
RD: EE: nx, Mailbag; best time & freq for UAE; look for them to try 41m at 0330 (333 11/24 McKeon-IN)

V I E T N A M

6618t 1142
 10040 1135

V. of Vietnam

Bac Thai: lang: unusual Asian mx; brief anncs by OM; sig was so weak almost no carrier detected, only whisper of mod. (is there a name for this effect?) (vy weak 11/27 Quaglieri-NY)
VOY: RR: YL w/nx, ID, tlk by OM (232 11/24 Prath-FL)

YEMEN ARAB REP.

9780

1740

R. San'a; AA: tlk by OM; AA mx; ID at 1752 (333 11/23 Dillon-DC)

OCEANIA

A U S T R A L I AR. Australia

Remember, only those freqs not in the Dec. 84 column will be listed here...RBT

11720 0840 RA: EE: nx; top 20 mx w/Peter Ekford; EE s/off at 0930 (444 Jackson-IN) (253 11/23 Quaglieri-NY)
 15240 0715 RA: EE: regional/intl nx by YL (good no date Witte-CA)
 15395 0630 RA: EE: wld nx summary; lt pop mx (333 11/22 Lord-CA) (535 11/11 Karna-OK) (355 11/30 McKeon-IN) at 0130 w/tlk on safety of nuclear installations (444 12/2 Valentine-CA) at 2120 w/DX report (444 11/12 Stephenson-CA)
 21720 0140 RA: EE: West Indies vs Australia cricket match (544 11/26 Shreedhar-IN)

G U A MKTWR

9510 1420 KTWR: EE: relig pgn w/mx; end of EE at 1429 into lang.; mod QSB (353 12/4 Sampson-WI)
 9535 1503 KTWR: EE: "Through the Bible"; "Grace to You"; 1600*; this freq is ex-9510 which is still used 1330-1430 (454 11/23 Shimada-JP)

M A R I A N A I S L A N D SKFBS; KYOI

11880 1545 KFBS: Indian: relig pgn in Malaysia; EE ID at 1558 (544 11/26 Shreedhar-India) caught at 1558 s/off w/EE ID, addr & statement of ownership by Far East Bosting (444 11/23 Stone-WA)
 11900 1030 KYOI: JJ/EE: all mx; severe QRM de Australia (432 11/26 Shreedhar-IN)
 15225 2330 KFBS: lang; vcl mx; EE ID at 2359 w/QL info (333 11/26 Zilmer-NM)

N E W C A L E D O N I AR. Noumea

11710 0800 RN: FF: reactivated here w/pol. speeches for current violently-contested election; // always active 7170, 3355 (544 11/14 Wood-HI)

N E W Z E A L A N DR. New Zealand Intl

6105 0740 RNZI: EE: wx for N. Island, S. Is. & Chatham Is. (544 11/20 Wood-HI)
 15485 0719 RNZI: Maori/EE: OM w/Maori nx; Maori mx w/EE anncr; EE TC & relig pgn. (343 12/3 Thompson-CA)
 17705 0540 RNZI: EE: class mx, wx, TC "5 o'clock" at 0400, nx(242 12/4 Speer-CA)

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

3335t 1314 R. East Sepik: EE?: secular Xmas mx, pop mx incl Carpenter's tune w/YL anncr; couldn't make out ID thru QRN & Ute QRM...maybe if I had tuned in earlier (poor 12/11 Thunberg-PA)
 4890 0900 NBC Port Moresby: EE: nx, soft instr mx; National Stn ID (322 11/24 Soomre-MA)
 5995 0911 NBC Port Moresby: EE: ID, mx of Fiji & Cook Is. played at listener's request; into Pidgin at 0928 w/nx & rock mx (333 11/17 Margolis) I think this may actually be R. Australia which is siked on 5995 in PD from 0800-1100...RBT
 6080 0955 R. Western: vern: YL tlk w/occ. EE words; ID at 1000 into pgn of C&W mx (323 11/29 Ainsworth-LA)

S O C I E T Y I S L A N D SR. Tahiti

11825 0140 RT: FF: pop mx, some FF & some EE (333 11/17 Stephenson-CA)
 15170 1635 RT: Tahitian: Polynesian mx to acc. my breakfast! (544 12/2 Sharpe-CA) FF at 1602: ID, EZL/lt jazz mx, ads (443 11/20 Thompson-CA) FF at 1715 w/ID, Tahitian mx (433 11/23 Valentine-CA) FF pop mx at 1942 (222 11/20 Stephenson-CA) FF w/pop & EZL mx at 1800 (gd 12/3 Witte-CA) island mx incl Tah. version of "Somewhere My Love" at 0552(12/1 Ainsworth-LA)

S O L O M O N I S L A N D SSIBS

5020 1220 SIBS: EE: US pop & island mx; ID, TC & 1300* (333 11/28 Golab-IL) EE at 1215 w/pop mx; ads for lcl supply shop, Technique Radio Centre (Refrigerators \$329 & up), Schweppe's tonic water; ID as "R. Hapi Isles"; 1300* w/eked & relig devotional & NA; Dr. Wood was right-fun listening here (333 11/14 Jordan-NC) at 1100 in EE: ID, lcl nx; intw w/Honiara Basketball Assoc. spokesman (222 11/15 Stone-WA) and at 0706 in EE/PD: nx in both langs; pop mx, ads, lcl TCs; YL w/tlk in PD (232 11/19 Thompson-CA)
 9545 0552 SIBS: EE: C&W mx & wld nx after DW s/off (242 11/2 Unruh-HI)

A number of unidentified and clandestines were also reported, but had to be omitted. Please don't let this discourage any future reports. With the new bulletin format beginning in Feb. I'll have much more space to work with. Tnx to all contributors & good DXing!

Ralph Famularo
306 Youngstown 15-12
Kishinosato-Higashi
Nishinari-ku, Osaka 557
JAPAN

日本レポート

Happy New Year! Before I begin this month's JAPAN REPORT let me make a correction regarding the sked for the Voice of the Revolutionary Party for Reunification. There is one EE bcst at 1400 GMT (2300 Korea & Japan time), not 2300 GMT as I erroneously reported last month.

BELGIUM

9880 0716 BRT: EE interview w/board-game designer, ID, mx (good, 11/28)

CHINA (PEOPLE'S REPUBLIC)

3340 1333 Heilongjiang Harbin PPBS: KK YL tlc, mx, OM tlc (fr, 11/13)
4200 1425 Radio Beijing: EE visit to a Buddhist temple, ID, Mx (good, 11/20) Who would have thought that pgm possible 10 years ago?

CHINA (TAIWAN)

5980 1032 VOAsia: EE w/CC lang. lesson, YL ID into INDO at 1041 (good, 11/17)

ETHIOPIA

9595 1926 VORevolutionary Ethiopia: EE rev. tlc, ID into "Radio Freedom, VO the African Natl. Congress" w/ anti-S. African tlcs, freqs & mx. I presume s/off is 2000*, but I fell asleep at @1945 (0445 local time). The pitfalls of SWling from a futon! No sign of NSB this A.M. (good, 11/19)

INDIA

9615 1230 AIR(HS) Bombay: EE/URDU-- EE nx, ID, pgm note, Urdu ID, nx 1245* (fair-good, 11/22)

INDONESIA

3345 2045 RRI Ternate: INDO pop mx, Love Ambon, TPs, ID, nx (11/16)
4774 1220 RRI Jakarta: INDO OM nx // Ujung Pandang 4719, then a separate pgm of Indo songs & mx (fair, 11/11)

KAMPUCHEA

9695 0522 VOPK (Home Service): Cambodian local mx, tlcs re: Vietnam, Pol Pot & Kampuchea, ID/drums at 0551* (fr-gd, 11/16)

PAKISTAN

4790 1455 Azad Kashmir R.: Urdu sub-continent mx, nx, IDs; probably ex-4980, c.f. Nov. JAPAN REPORT (good, 11/15)
9645 1110 R. Pakistan(HS): bi-lingual EE/Urdu bcst of New Zealand - Pakistan cricket match, ID, sudden 1133* (fr-gd, 11/18)
17660 0237 R. Pakistan: EE YL slo-speed nx, ID, 0245* (fair 11/18)

PHILIPPINES

15250 1003 UN Radio: EE weekly UN nx, ID "UN calling Asia" (11/17)
15275 0103 R. Veritas Asia: Sinhala YL ID, religious mx, OM tlc & address, UTE QRM @0113 (good-fair, 11/18)

SINGAPORE

9635 1020 SBC: CC pop mx, YL ID, ads, OM vocals(fr-gd, 11/21) also heard in EE on 11940, @0930+ (pr-gd, various)

USSR

11710 1340 R. Peace & Progress: EE anti-U.S. cmtries, ID (gd-fr 11/11)

VATICAN

15120 0630 Vatican R.: Mass in Latin, IS into mx (fair, 11/14)

ZAIRE

15245T 0128 La Voix du Zaire: FF OM tlc, West Afr & Hi-life mx, Rodina QRM & fading out at 0220. NO ID so is TENTATIVE.

Well that wraps up another column of the JAPAN REPORT. As this is the end of the trial period for this column, SPEEDX would certainly appreciate feedback from you. Winter is certainly approaching here in the Kansai area of Japan & the temperatures are beginning to drop a bit. Look for DWelle to commence their Sri Lanka relay station, possibly on 6185 (2100-2150) & 15105 (0200-0250). Sayonara for now! RMF 12/8/84

QSL

REPORT



UNION MONDIALE DES
COMMUNICATIONS
WORLD COMMUNICATIONS
YEAR
AÑO MUNDIAL DE LAS
COMUNICACIONES



EDITOR:

Leon Kanopka
139-37 254th Street
Rosedale, New York 11422 U.S.A.

VIA AEREA

AFRICA

- ALGERIA-R.T.A.-15215, 17745, f/d logo card in 35d (D'Angelo-PA).
f/d rug card in 102d for 4 ircs (Jordan-NC). Same in 126d for an irc
(Wegner-TX). Same in 90d for 3 ircs after 2nd rpt (Card-RI). Card in 21d
for 2 ircs and a Cassette rpt and FF letter (Nacht).
- BENIN-R. du Benin-4870, f/d card in 68d for FF rpt an 3 ircs (Woloch).
- CAMEROUN-R. Buea-3970, f/d large map card 52d after f/up, 1 yr total for
ms (Streeter-NY). R. Douala-4795, f/d map card in 33d for a FF rpt and ms
(Forsgren-WI). Same in 37d for FF rpt and ms after f/up (Mahoney-FL).
- CANARY ISLANDS-REE-relay, 15365, f/d castle card and stickers in 43d
(Campbell-CT).
- CAPE VERDE-Voz de Sao Vicente-3931, date only white card in 65d for 4
ircs (G. M. Woloch). Same in 24d for 2 ircs and a PP rpt (Mahoney-FL).
- EQUATORIAL GUINEA-Servicio Internacional-15106, f/d letter for \$1 via New
Testament Christianity in Dexter, NM. V/s was Gene Grassie, and he
stated that he would like to receive more reports to see if the station
is airing his program as they agreed to. (Jordan-NC).
- GABON-R. Japan-21695, date/freq persimmon Harvest card in 13d (Mahoney-FL).
- GUINEA-BISSAU-Radiodifusao Nacional-5041 verified but actually 5475.3,
date/freq card in 26d for 2 ircs and a PP rpt. V/S-Tiburcio Moura
(Wilkins-CO). This is a nice one. lnk
- LIBERIA-VOA-15600, time/freq lighthouse card in 12d (Jordan-NC). F/d card
after 63d for the same reporter. ELBC-3255, f/d card in 55d for an irc
(Nacht-NY). ELWA-4760, time/freq card in 23d for 3 ircs (Nacht-NY).
- NAMIBIA-R. SWA-3295, f/d card in 47d for ms (Jordan-NC). Nature park
card in 65d for 2 ircs (Gunter-NC). Same in 64d for 2 ircs (Miyachi-JPN).
f/d card in 4 mos for 2 ircs (Campbell-CT). Desert scene card in 65d for
3 ircs (Woloch). Mountain card in 45d for an irc (Holbrook-MD). Sand
dunes card in 41d for 2 ircs (Downing-CO).
- NIGER-ORTN-5020, f/d map and logo card in 6mos for 2 ircs and a ff rpt
(Van Horn-TX). date only card recd 112d after f/up, 3 yrs! total, for ms
and a ff rpt (Streeter-NY).
- NIGERIA-VON-15120, f/d Lagos airport card in 160d (Jordan-NC).
- SOUTH AFRICA-R. RSA-9615, 11900, f/d card in 20d with a pennant (Adams-MA).
Same Bloubergstrand Card in 19d (Speer-CA). Same in 17d (Mahoney-FL).
- CAPITAL RADIO-9764, date/freq card in 576d! for an irc (Miyachi-JPN).
f/d letter in 1½yrs. for an irc (Witte-CA). 3930, date/freq letter in 20d
for ms (Mahoney-FL). f/d letter in 57d for ms (Trorro-FL).
- TANZANIA-RT-5050, date/freq map card in 72d for 2 ircs (Gilley-VA).
Same in 42d for 2 ircs (D'Angelo-PA).
- TOGO-RT-5047, f/d map/logo card in 45d for FF rpt and ms (Forsgren-WI).
Date/time card in 65d for 3 ircs and a FF rpt (Woloch).

USSR

- R. Vilnius-11720, f/d plain white card in 65d (Adams-MA).
R. Kiev-11720, f/d logo card in 140d (Soomre-MA).
R. Tashkent-9650, f/d broadcast centre card in 55d (Mahoney-FL).

What, no Radio Moscow? What has happened here this month?

Not really much room here to start the next section, so a few comments.
I have been mixing up the sections a bit lately, putting USSR after
Africa, and so on. I hope that this has not been causing any problems
for anyone.

PACIFIC OCEAN AREA

AUSTRALIA-RA-21720 via Darwin, f/d seals card in 45d for an irc (Hall-CA). 6060 via Shepparton, f/d Wattle flowers card in 14d for an irc (Thompson-NM). 7205, 6080 via Shepparton, f/d card in 25d for 2 ircs each (Holbrook) 15395, forest kingfisher card in 90d (Allen). VLH9-9680, f/d map card in 87d (D'Angelo-PA). VLV-9-9610, f/d map card in 33d for 2 ircs (Falbo). VLH-15, f/d map card in 100d (Nowicki-CA).

MARIANA ISLANDS-KYOI-9665, f/d card in 12d for ms (Thompson-NM).

NEW CALEDONIA-R. Noumea-7170, n/d card in 32d for 2 ircs and tri-ling report form. (Speer-CA).

SOCIETY ISLANDS-TAHITI-RT-15170, f/d native blowing conch card in 63d for 3 ircs and a FF rpt (Jordan-NC).

SOLOMON ISLANDS-SIBC-5020, f/d logo card in 25d for 3 ircs (Forsgren-WI). f/d card in 25d For 2 ircs (Holbrook-MD).

ASIA

CHINA-People's Republic of:-Regional Stations-5240, 5265, 5900, QSL map card from R. Beijing in 1 month (Holbrook-MD). R. Beijing-4960, 11650, 15520, New China card in 43d for a JJ rpt (Muyauchi-JPN). Same in 50d with Learn to Speak Chinese course, reception report forms, pennant, and magazines (Neuverth-CO). Imperial palace card, stamps, amgazine, and tote bag in 21d (Falbo-OR). Card and goodies in 76d (May-OH). Same in 62d for 2 ircs (Friberg-NH). Same in 58d (Adams-MA). Same in 13d (Speer-CA). Same in 30d (Mendez-NJ).

INDONESIA-VOI-11790, date/freq card in 2 yrs, 2nd QSL for report (Woloch-PQ).

ISRAEL-KI-9440, f/d card in 58d (Bishop-NY).

JAPAN-R. Japan-9505, 15195, 17825, date/freq persimmons card in 22d (FL-Mahoney-FL). Same in 20d (Speer-CA). Silk dyeing card in 20d (Bishop-NY). Same in 21d (May-OH). FEN-6155, date/freq logo card in 65d (Huffaker-MX).

KUWAIT-R. Kuwait-11675, f/d folder card in 26d (Wegner-TX).

PHILIPPINES-VOA-Poro, f/d lighthouse card in 34d (Nacht-NY). FEBC-11890, f/d Hibiscus in bloom card in 38d for 3 ircs (Mahoney-FL).

QATAR-QBS-17910, f/d large map/logo card in 46d for 2 ircs (Downing-CO). V/s-Jassem Mohde Al-Qattan.

SINGAPORE-R. Singapore-11940, f/d city card in 90d (Adams-MA).

SOUTH KOREA-RK-7175, 15575, f/d card in 3 mos for ms (Allen). Card in 21d (Gilley-VA). Folk art card in 37d (Falbo-OR).

SYRIA-S.A.R. Bc. Svc.-12085, f/d card in 88d for ms (Mahoney-FL). V/s-Mrs. Awatef Haffar.

TAIWAN-VOFC-11745, f/d four gentlemen card in 39d for 2 ircs (Thompson-NM).

TURKEY-VoT-9660, f/d card in 32d for an irc (Mahoney-FL). Also recd a pennant.

UNITED ARAB REPUBLIC-R. Dubai-15300, f/d map card in 27d (Campbell-CT).

VIETNAM-VoV-15010, f/d flag card in 254d along with a pennant (Thunberg-PA).

F.D.R. of YEMEN-PDRoYBS-6005, date/freq card in 305d (Soomre-MA). Same pink antenna/logo card in 11 mos for 2 ircs (Chinsky-NY). Same with stamps in 7 mos for 2 ircs (Van Horn-TX). Same in 342d for \$1 (Drollinger-WI). Same in 67d for 2 ircs after 2nd f/up. (Mahoney-FL). Same in 280d for an irc (Radtke-CA). V/S-Abdulla N. Yeslam.

EUROPE

ALBANIA-R. Tirana-9760, 7300, 7065, date/time revolution card in 122d for 2 ircs (Friberg-NH). Same in 74d (Falbo-OR). Same in 465d for 3 ircs, 2 f/ups (Burbank-NH).

AUSTRIA-ORF-15320, f/d logo card in 84d (Mahoney-FL). f/d Moosbrunn Short-wave transmitter in the sunset card in 71d (Trotto-FL). Phantasmagorical Landscape card and report forms in 67d (Abbinante-ILL).

BELGIUM-BRT-5895, f/d form letter in 20d (Holbrook-MD). f/d card in 40d (Shreedhar-INDIA). f/d letter in 26d (Miyachi-JPN).

BULGARIA-R. Sofia-9700, n/d Cyrille et Methode QSL card in 110d, then 2 days later Marxist Review papers came in a large package. (Nowicki-CA).
CZECHOSLOVAKIA-R. Prague-5930, South Bohemian Folk Architecture card in 26d (Moll-MI).
FRANCE-RFI-15315, f/d ann. card in 64d (Chinsky-NY). 11670, f/d TDF card in 40d for a FF rpt (Mendez-NJ).
GERMAN DEMOCRATIC REPUBLIC-Stimme der DDR-9730, f/d card in 26d (Pagano). RFI-9560, 11975, f/d city scene card in 72d (Neuverth-CO). QSL and DX club bulletins in 4 mos (Allen). Logo card, felt calender, wallet calender, and new years card in 46d (Falbo-OR).
GERMAN FEDERAL REPUBLIC-VOA-3980, f/d lighthouse card in 13d (D'Angelo). Sudwestfunk-7265, date/freq logo card in 16d for 2 ircs (Pagano-DC). DW-6040, n/d map card in 30d with a pennant (Moll-MI). Same in 5 mos (Allen).
GREAT BRITAIN-RCI-7155, Davebry relay DIY card in 14d (Campbell-CT). VOA-Woofferton, time/freq card in 56d (Speer-CA).
GREECE-VoG-11645, f/d Greek city card in 45d for ms (Trotto-FL). INDIA.
HUNGARY-R. Budapest-17710, f/d budapest building card in 120d (Shreedhar-IRELAND-World Music Radio-via R. Dublin 6910 f/d Logo card and letter in 4 mos. V/S-Lee Alvin (Campbell-CT).
NETHERLANDS-RN-17605, f/d Flevo card in 90d for ms (Adams-MA). Same in 11d (Miyachi-JPN). Same in 85d for 2 ircs (May-OH).
POLAND-R. Polonia-7125, 7270, City hall card in 80d (Card-RI). University card in 120d for 2 ircs (Adams-MA). Wroclaw City Hall Drawing card in 74d (Soomre-MA).
PORTUGAL-R. Renascença-9680, time/freq card in 45d for 2 ircs (Hevern-NY).
ROMANIA-R. Bucharest-15335, f/d art gallery card in 70d (Shreedhar-INDIA). Painting of Prince of Wallachia card in 3 mos (Friberg-NH). Painting card and pennant in 52d (Falbo-OR).
SPAIN-REE-11880, f/d castle card in a month (Jordan-NC). f/d card in 22d (Speer-CA). Parador Nacional de Alarcon. Cuenca card in 36d (Bishop-NY).
SWITZERLAND-SRI-12035, studio card in 2 mos (Holbrook-MD).
VATICAN-Vatican Radio-11845, f/d ceremony in St. Peter's Square card in 15d for an irc (Thompson-NM).
YUGOSLAVIA-R. Yugoslavia-9620, f/d Beograd sites card in 153d for no rp. Also sent info about station and a sticker. (Jordan-NC).

NORTH AND CENTRAL AMERICA AND THE CARIBBEAN

ALASKA-KNLS-11790, f/d form letter in 15d (D'Angelo-PA). Same in 10d (Shimada-JPN).
ANTIGUA-BBC-6195, n/d card in 70d (Holbrook-MD). DW-6040, n/d painting card in 20d (Thompson-NM).
BELIZE-RB-3285, f/d map card in 36d for ms and ircs (Jordan-NC). Same in ?? for 2 ircs (Hevern-NY). Same in 265d without time for 3 ircs (Woloch).
CANADA-RCI-5960, f/d DIY card in 13d (Jordan-NC). f/d DIY card in 16d (Speer-CA). f/d DIY card in ?? (Friberg-NH).
CUBA-R. Habana Cuba-6090, f/d card in 280d (Claytor-MI). Card in 262d (Wilkins-CO). Card in 256d for 3 ircs (Neuverth-CO). Lenin park card and pennant in 260d (Chituck-MD). Card in 199d (Hevern-NY). Card in 300d (Adams-MA). Card in 160d (Mahoney-FL). Card in 217d for 2 ircs (NJ-Macrie).
DOMINICAN Republic-11700, f/d logo card from R. Earth via R. Clarin in 30d for ms (Heinen-CO).
HONDURAS-HRVC-4820, date only map card in 55d (Heinen-CO). Card in 15d (Karns-OK). Map card and pennant in 65d for 3 ircs (Woloch). LV de la Mosquitia-4910, no data personal letter received via Tupelo, MS address. V/S-Dr. Sammy Simpson, Executive Director. Mint stamps were sent, and a pennant was received in return (Streeter-NY). R. Lux-4890, n/d letter with a request for \$5 to enter a contest, in 19d for ms and a SS rpt.

(Mahoney-FLA). V/S-Raul E. Chavarria.

MEXICO-Tus Panteras-XEQM-6105, card and letter in 19d with no data for ms and a SS rpt (Wegner-TX). V/S-Roberto Dominguez.

MONTERRAT-DW-11705, n/d card in 21d (May-OH).

NETHERLANDS ANTILLES-TWR-9535, f/d Water front card in 18d for 2 ircs (Downing-CO). R. N. 6165, f/d Flevo card in 34d (Forsgren-WI). Same in 12d (Holbrook-MD). Same in 66d (Falbo-OR).

NICARAGUA-LVde Nic-5950, f/d letter in 295d for 2 ircs, also recd a pennant Stamps, and stickers (Tilley-CO).

UNITED STATES OF AMERICA-KGEI-15280, f/d Frisco scenes card in 33d (Tilley-CO). WYFR-9535, f/d card for ms in ?? d, also recd a sticker (MD-Chituck). WINB-15185, f/d card in 17d for ms (Wilkins-CO). WRNO-15420, f/d New Orleans Saints card in 60d (Sable-NY). AFRTS-15430, (RDI)-date/freq card with solar eclipse photo for a solar eclipse reception report in 180d for ms (Gunter-NC). VOA-Dixon-15390, date/freq lighthouse card in 26d for ms (Wilkins-CO). VOA-Greenville26040, Eclipse card for report to R. Database Intl during Eclipse test (Thunberg-PA). Card was received in 6 mos.

PIRATES AND CLANDESTINES

R. Camilo Cienfuegos-7352, 6299.3, f/d card in 16d for MS (Costa Rica), and a SS rpt to Costa Rica Address. (Wilkins-CO).

R. Antonio Guiteras-certificate in 15d for SS rpt and 2 ircs to Costa Rica. (Holbrook-MD). This was f/d.

R. Sine Wave-7430, f/d letter in 87d for 3x20¢ stamps (D'Angelo-PA).

KQRP-7410, Card in 60d (Abbinante-ILL).

SOUTH AMERICA

ARGENTINA-RAE-15345, f/d card and pennant in 60d (Nacht). Same in 55d (Cooke-NY).

BRASIL-R. Brasil Central-4985, n/d form letter in 28d for PP rpt and ms. V/S-Jose Pedro Pego. (Forsgren-WI). R. Bras -15290, f/d card in 40d (Bishop-NY). Same downtown Brasilla Card in 34d (Falbo-OR). R. Gaucha-11915, f/d personal letter w/ postcard in 48d for PP rpt and ms (Forsgren-WI). Same in 27d after f/up for ms and PP rpt (Wilkins-CO). V/S- Flavio Fleck.

COLOMBIA-Ecos del Combeima-4785, f/d letter in 1 yr 2 mos/ after 2 f/ups, for ms and SS rpts. (Van Horn-TX). Marly C. Valdes. R. Cinco-5040, date/freq card in 36d for ms and a SS rpt (Streeter-NY). V/S-Hector Julio Chaparro Mesa.

ECUADOR-HCJB-15250, 17890, 15115, 17790, 9745, f/d in 60d (May-OH). In 48d (Thompson-NM). In 104d (Bishop-NY). In 57d (Cooke-NY). In 73d (Bishop). In 65d (Soomre-ma). In 60d (Adams-MA). In 57d (Trotto-FL). R. Baha'i-4990, n/d letter in 60d for SS rpt and no rp (Huffaker-MX). V/S-Marcelo Quinteros Mena. R. Catolica Nacional-5055.3, n/d letter and a pennant in 27d for ms and a SS rpt (Wilkins-CO). V/S-Pablo Vallejo Klein, Dir. Adm. R. Quito-4920, n/d card and 2 pennants in 24d for 2 ircs and a ss rpt. V/S-Jose Almeida (Pagano-DC). R. Zaracay-3395, freq only letter w/sticker and pennant in 118d after f/up, 261d total for SS rpt and a ms (Forsgren-WI). Freq only letter in 151d after f/up, 20mos total, for ms and SS rpts. Also recd a pennant and a sticker (Streeter - NY). V-S-Elly Cun Castillo, Secretaria. Same in 8 mos for SS rpt and ms (Van Horn-TX).

PERU-R. Ancash-4990, f/d letter in 28d for ms and a ss rpt (Mahoney-FL.) Letter was 2 pages with info about the owner of the station. Adr:Casilla 210; Huara, Ancash; Peru. R. Quillabamba-5025, n/d letter in 65d for 3 ircs and a SS rpt (Woloch-).

SURINAME-SRS-4850, f/d QSL and letter apologizing for the delay in 400d for 2 ircs (Tilley-CO). F/d letter and a card in 1 3/4 yrs for 2 ircs (Newlon-NM).

VENEZUELA-R. Juventud-4900, f/d card in 82d for ms and a SS rpt (Streeter NY). Same in 67d (Abbinante-IL). f/d studio card in 15d for ms and an SS rpt after f/up (Friberg-NH). V/S- Morela Pernalete M. R. Nac-9540, f/d green logo card in 55d with a pennant and a sticker for ms and a SS rpt (Mahoney-FL).

MISSORT-NICARAGUA- R. Zinica-6120, f/d PFCard in 31d for an irc and a SS rpt (Downing-CO).

R. Algeria-17745, date/freq card in a month for \$1. (Sharp-FL).

R. Bangladesh-17665, Bengal tiger card with n/d for \$1 US in 22d (Sharp-FL). V/S-K. Rasique.

R. Gambia-7424, date/freq letter in 25d for \$1. Also recd a sticker, and a race card of advertising rates. V/S-Constance Wadner Enhorning. (Sharp).

A tip from David for getting a FIBS QSL. He suggests that you give the titles of music selections played during your reception. He sent in detailed reports with out titles of music, only to have them rejected by the record librarian. His card finally came through when he sent a report that gave the record titles played. This is probably the only data they keep, and rely on this information to confirm the reports.

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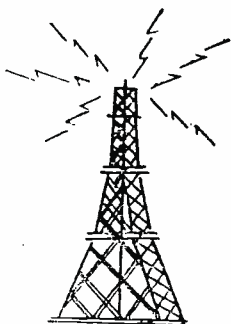
Well, that about raps up the data for this months column. I hope that my moving continents around did not confuse anybody. Hi Hi. Well, the holidays are behind us, and I hope that everyone enjoyed theirs. I hope there were alot of shortwave receivers under the Christmas trees, for members and non-members of SPEEDX alike. We want this hobby to grow, right? Anyway, the first few months of the year usually bring alot of new reporters to this column. I want to welcome everyone to the column and hope that you all become regular contributors. This column, and this entire newsletter depends upon your support. LET'S HELP SPEEDX AND THE HOBBY OF SWLing/DXing GROW IN THE NEW YEAR. Many libraries have showcases set up where people can set up displays of interest. Why not ask and see if you can set up a display on SW radio. Some QSLs, pennants and other interesting items can be put into the case. Then leave some information on who to contact for more information. This can be your own name, if you desire, or possibly information on how to contact ANARC, or SPEEDX for more info. This, I am sure, is a very easy way to introduce others to the hobby. After all, how many people have shortwave radios in their house, and don't even realize what they are missing. I am sure there are millions. Lets help them realize!!!!

The American Radio Relay League, the largest Amateur Radio Organization in the country has published the new 1985 Amateur Radio Handbook. Don't let the title fool you. It is not strictly for the radio amateur, but for anybody who is interested in electronics. This edition is huge, and packed with 40 chapters of all sorts of fantastic data. There are chapters on propagation, antennas, electronic theory and much more. This years edition is also filled with projects to build, must for the Ham, but some that are useful to SWL also. I highly recommend its purchase by anyone who is interested in electronics. It is available for \$15.00 from many bookstores, and radio shops.

A few months ago, it was announced that I would be compiling a booklet on QSL and pennant collecting techniques. This should be completed in the early part of next year. By this I mean Jan-Feb. So it should be available shortly after that.

I found some correspondence that I should have answered from the last column. I will answer it shortly, and I apologize for the delay, but it was misplaced in the huge pile of papers that is cluttering up my desk at this very moment HI HI. In all seriousness, you should have received a reply by the time you read this. Best to all and 73

ALAN WREK



PEOPLE'S DEMOCRATIC
REPUBLIC OF YEMEN
BROADCASTING SERVICE
P. O. BOX 1222
STEAMER POINT, ADEN
P.D.R.Y.

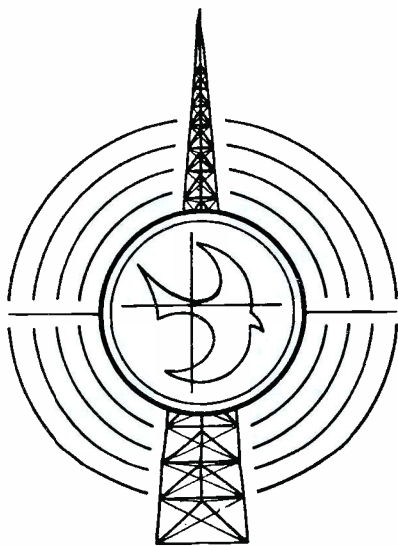
FREQ. 6005 KHZ POWER 100 K.W.

DEAR Rick Drahtinger

Your Reception Report of the 26 December 1983
has been checked and found correct/~~incorrect~~.

Remarks I apologize for delay in replying
to your letter since I have been busy
again. Abdulla N. Yezlam
Signature

Radio Católica Nacional



FM 94.1 MHz

AM 880 KHz

OC 5055 KHz

Aptdo. 540-A

Quito-Ecuador



بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

Azad Kashmir Radio

MUZAFFARABAD

Telegram: AKRADIO

Phones : 2115

2234

2234

2150

Ref. No. AKRM/ENG/C-4/81-8754

Dated 29-1-1982

Dear Mr. John M. Wilkins,

We are extremely thankful to you for your reception report dated 28th November, 1981 regarding Azad Kashmir Radio.

2. We are pleased to confirm that you have been listening to Azad Kashmir Radio on the frequency 6275 KHZ from 1304-1400 Hours GMT on 17th November, 1981.

3. We hope that you will continue to take interest in our broadcasts and will keep us informed about the reception quality.

With best wishes,

Mr. John M. Wilkins,

Yours sincerely,

M. Sajjad Ali Siddiqui
(M. SAJJAD ALI SIDDIQUI)
ENGINEERING MANAGER
for STATION DIRECTOR

KIRIBATI

QSL CARD

Canoe Racing — a National event often held during major public holidays. Photo: A Wood.

Dear

This is to verify your reception report of Radio Kiribati (Station T3K1) from 0623....GMT until 0708....GMT., on 14.11.1981, on our regular frequency 9825 KHZ

Date: 30/11/81

P. Maier
Engineer-in-Charge
Radio Kiribati

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MR JOE TALBOT

RED DEER,
ALBERTA
CANADA

T4N 6M9



SI LO DICE

SUPER

PONGALE LA FIRMA!

10 AÑOS DE LA MEJOR RADIO EN COLOMBIA * 10 AÑOS DE LA MEJOR RADIO EN COLOMBIA

X Señor
Christopher Lobdell

TARJETA DE CONFIRMACIÓN - QSL

RADIODIFUSORA: La Voz del Llano

CIUDAD: Villavicencio, Colombia

FRECUENCIA: 6115 kHz.

HORA: 03.51 - 0436 horas en Colombia

FECHA: 7 de mayo de 1984

POTENCIA: _____



**RADIO
IMPACTO**

980 kilohercios onda media
6.150 kilohercios onda corta

Hemos comprobado sus detalles de recepción y confirmamos que la Emisora sintonizada es nuestra.

LA VOZ DEL LLANO LTDA.
Gloria Rodríguez
ADMINISTRACIÓN

GHANA BROADCASTING CORPORATION
P.O. BOX 1633
ACCRA, GHANA

Dear Sir/Madam,

Thank you for your reception report of our transmission(s)
on 4915 kc/s heard at 0559 - 0615
G.M.T. on 31st Jan 1983.

We have pleasure in verifying your report which is much appreciated.

7th Nov, 1983

mick jones
for Director-General



Well, there's another year shot all to Heck! Welcome to 1985; Orwell was obviously wrong! If you have recovered from your New Year's Eve hangover, here are the logs from December, and HAPPY NEW YEAR.

*** NORTH AMERICA ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BER	8449.4	C	1230	VRT	HAMILTON	MARCO	QRU? MARKER	RJC-MA
CAN	6518.8	U	0135		HALIFAX	CG	POSS. CFH W/ TFC	NAP-AL
CAN	12002.0	C	1606	VAH	SANDSPIT, BC	CG	CLG N6Y	RM -IL
CAN	12702.0	C	2206	CKN	VANCOUVER	CANMIL		DB -AR
CAN	13232.0	U	1917	DHM 95	LAHR	AFB	WEATHER FORECAST	SMM-MI
MEX	6517.0	C	0152	XFC	COZUMEL	MARCO	CQ MARKER	JAK-WV
MEX	8626.0	C	2217	XDA	MEXICO CITY	MARCO	CQ INTO SS TFC. NEW FREQ.	RM -IL
USA	2182.0	U	0822	NCF	MIAMI	USCG	OVERDUE BOAT NOTICE	KFN-FL
USA	2182.0	U	1030	NCF	MIAMI	USCG	TFC	KFN-FL
USA	2670.0	U	0221	NMF	BOSTON	USCG		NRC-MA
USA	3120.0	U	0130	NMA	MAINI	USCG	WKG CG 2101	SR -MI
USA	3123.0	U	0105	NMC	SAN FRANCISCO	USCG	WKG CG 1451	SR -MI
USA	3860.0	U	VAR	WAZ3NAN	GREENBELT MD	ARO	SHUTTLE COMMS	KFN-FL
USA	4357.0	U	0746	KMI	DIXON	MARCO	P/P TO VESSEL SO PACIFIC	AL -MA
USA	4640.0	U	1415	KB 28267	COLUMBUS	OH CD	OH CIVIL DEFENSE NET R/C	DS -OH
USA	5320.0	U	0900	NMG	NEW ORLEANS	USCG	WKG NRPX USCGC BUTTWOOD	KFN-FL
USA	5692.0	U	1726		CHICAGO	CGAS	WKG 1446	SR -MI
USA	5696.0	U	1315	NMF 44	SW HARBOR	USCG	WKG CG 2115	ES -MA
USA	5696.0	U	0120		SACRAMENTO	CGAS	P/P VIA NMC TO CG 1451	SR -MI
USA	5696.0	U	0400	NMC	SAN FRANCISCO	USCG	WKG CG 1452	SR -MI
USA	5696.0	U	0702	NMF	BOSTON	USCG	WKG CG 1490	KFN-FL
USA	5696.0	U	1945	NMN	PORTSMOUTH	USCG	WKG CG 1479	KFN-FL
USA	5696.0	U	2030	NMN	PORTSMOUTH	USCG	WKG P/P FOR CG 1479	KFN-FL
USA	5696.0	U	1647	NMA	MIAMI	USCG	SAR W/ ALPHA CHARLEY 601	KFN-FL
USA	5696.0	U	1620	NMA	MIAMI	USCG	WKG CG 2141	KFN-FL
USA	5696.0	U	2030	NMA	MIAMI	USCG	WKG CG 2136	KFN-FL
USA	5696.0	U	1208	NMF	BOSTON	USCG	WKG SAR W/ CG 1501	KFN-FL
USA	5696.0	U	1800	NMA	MIAMI	USCG	WKG CG 2112	KFN-FL
USA	5696.0	U	0710	NDY 8	CORPUS CHRISTI	USCG	WKG CG 1439, CG 2121	KFN-FL
USA	5696.0	U	1702	NMA	MIAMI	USCG	WKG CG 1602	KFN-FL
USA	5696.0	U	1155	NMN	PORTSMOUTH	USCG	PP CG 1479 TO NORFOLK RES	KFN-FL
USA	6200.0	U	2130	NMN	PORTSMOUTH	USCG	WKG NODS CUTTER GALVIA	KFN-FL
USA	6506.0	U	0133	NMC	SAN FRANCISCO	USCG	WKG CUTTER BASSWOOD	AL -MA
USA	6506.4	U	0601	NMC	SAN FRANCISCO	USCG	WKG WTER RESEARCHER	NAP-AL
USA	6506.4	U	0858	NMC	SAN FRANCISCO	USCG	WKG CUTS. MORGAN & GLACIER	NAP-AL
USA	6519.0	U	0707	NMA	MIAMI	USCG	WKG CG CUTTER NORTHLAND	WRB-IN
USA	6521.9	U	1405	WLC	ROGERS CITY	MARCO	TFC	HBB-WA
USA	6715.0	U	0028	AFB	ANDREWS	ARO	SHUTTLE COMMS	KFN-FL
USA	7183.0	L	VAR	WAZ3NAN	GREENBELT MD	AFB	WKG AIR FORCE 2	SMM-MI
USA	7653.5	C	0355	VOA	GREENVILLE NC?	FEEDER	WORLD NEWS. CW BRN	HUN-NC
USA	8364.3	C	0134	KPH	SAN FRANCISCO	MARCO		NRC-MA
USA	8765.4	U	0820	NNN	PORTSMOUTH	USCG	TFC LISTS	SM -JP
USA	8765.4	U	1634	NMC	SAN FRANCISCO	USCG	WEATHER	SM -JP
USA	8984.0	U	1705	NMA	MIAMI	USCG	WKG CG 2109	KFN-FL
USA	9014.0	U	0705	AFG 37	SCOTT	AFB	P/P FOR MAC 70168	KFN-FL
USA	9101.0	C	2214	KNY 24	WASHINGTON DC	EMBASY	ID & "1Y29LD5" REPEATED	RM -IL
USA	1000.0	A	0300	WV	FT. COLLINS	SFTS	TIME SIGNALS	DAN-WA
USA	10493.0	U	1536	WY 904	THOMASVILLE	FEMA	WKG KDN 487, KNA 204	FMJ-ID
USA	10869.0	L	0440	VOA	BETHANY OH?	FEEDER	PGM DN STOPPING SMOKING	HUN-NC
USA	10880.0	U	0335	VOA	WASHINGTON?	FEEDER	INTRW W/ N.C. COACH	PAC-UC
USA	12879.8	A	1736	WSC	TUCKERTON	MARCO	V MARKER	NRC-MA
USA	13038.0	C	1647	KLC	GALVESTON	MARCO	CQ MARKER	NRC-MA
USA	13113.2	U	2206	NMC	SAN FRANCISCO	USCG	WKG USCGC CUTTER GLACIER	KAR-OK
USA	13187.6	U	1952	KMI	DIXON	MARCO	WKG MARLIN, ALASKA SEA	DRU-HI
USA	15048.0	U	2145		ANDREWS	AFB	PHONE PATCHES	HBB-WA

USA	17307.3	U	1730	NMN	PORTSMOUTH	USCG	NOAA WEATHER BROADCAST	KAR-OK
USA	17407.0	U	1855	WMD			WKG WTR	HBB-WA
USA	18019.0	U	2014	AFE 8	MACDILL	AFB	WKG SJF AERO WEATHER	AL -MA
USA	20186.0	U	1654	WASNAN	GREENBELT MD	ARO	SHUTTLE COMMS	MWJ-ID
USA	22477.5	C	1923	KPH	SAN FRANCISCO	MARCO	V MARKER	NRC-MA

*** CENTRAL AMERICA ***

COST	13100.0	C	1721	TIM	LINON	MARCO	CQ MARKER	NRC-MA
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*** CARIBBEAN ***

BAHM	8291.1	U	1830	C6DD			CLG ANY STN FOR RADIO CHK	NAP-AL
CUBA	5696.0	U	2125		GUANTANAMO	AVDET	WKG CG 1504	KFN-FL
CUBA	6860.0	C		COY 895			CALLING RIW	MC -NY
CUBA	7652.0	C	0610	CLN 78	HAVANA	PTT	V MARKER TO UJY 2	MC -AZ
CUBA	7660.0	C	2030	CLN 78	HAVANA	PTT	CALLING UJY 2, GRZ	RM -IL
CUBA	11445.5	C	1903	Y7L 36	HAVANA	EMBASY	GDR EMBASSY. V/QRA MARKER	RM -IL
CUBA	12202.0	C	1816	COY 895	HAVANA	NAVRAV	CALLING RIW	RM -IL
CUBA	13062.0	C	1915	CLA	HAVANA	MARCO	CQ MARKER CLA 20/22/23/33	NRC-MA
CUBA	14457.5	C	1805	Y7L 36	HAVANA	EMBASY	GDR EMBASSY. V/QRA MARKER	RM -IL
HART	8478.5	C	0500	FUF	FT DE FRANCE	NAVRAV	V MARKER	JMN-CA
PR	8470.0	C	0203	NMR	SAN JUAN	NAVRAV	HEAVY FADING	NRC-MA

*** SOUTH AMERICA ***

ARGN	4394.6	U	0455	LPL 33	GEN. PACHECO	MARCO	VOICE MARKER, SS/OM	RM -IL
ARGN	5610.0	U			BUENOS AIRES	VOLMET	RED.CARRIER USB SS WX	IK -UK
ARGN	8646.0	C	0220	LPD 44/	GEN. PACHECO	MARCO	QX5 MARKER	RJC-MA
ARGN	8759.2	U	0234	LPL	BUENOS AIRES	MARCO	VOICE MARKER	HBB-WA
ARGN	8765.3	U	1025	LPB	RIO GALLEGOS	MARCO	VOICE MARKER/CHIME	SM -JP
ARGN	12553.7	C	1926	LPD	GEN PACHECO	MARCO		NRC-MA
ARGN	13159.7	U	0234	LPL	GEN PACHECO	MARCO	VOICE MARKER	SM -JP
ARGN	13162.8	U	2334	LPL	BUENOS AIRES	MARCO	VOICE MARKER	HBB-WA
ARGN	22419.0	C	1910	LPD 91	GEN PACHECO	MARCO	ID	NRC-MA
ARGN	25130.5	C	1751	LPD 34	GEN. PACHECO	MARCO	V MARKER	MC -AZ
ARGN	25197.0	C	2000	LSA 8	GEN. PACHECO	MARCO	V/QSX MARKER, TFC LIST	RM -IL
BRTL	17170.0	C	1658	PPL	BELEM	MARCO	SPANISH NEWS	RM -IL
CHIL	20876.0	L	1811	XQ8AFI	CERRO TOLOLO	CHIL	OBSVTY P/P KFK 92 KITT PEAK OBSV	NRC-MA
COLO	8700.0	C	0205	HKB	BARRANQUILLA	MARCO	QX5 MARKER	RJC-MA
COLO	13087.0	C	2156	HKB	BARRANQUILLA	MARCO	CQ MARKER	DB -AR
COLO	17045.1	C	1935	HKC	BUENEVENTURA	MARCO	CQ MARKER	NRC-MA
ECUA	12545.0	C	1928	HCG	GUYAQUIL	MARCO		NRC-MA
SURI	13045.9	C	2058	PZN	PARAMARIBO	MARCO	CQ MARKER	NRC-MA
VENE	6100.0	A	2300	VVTO	CARACA	SFTS	TIME SIGNALS	AL -MA

*** EUROPE ***

AZDR	6750.0	U	1950		LAJES	AERO	WKG 083	PAC-UK
AZDR	8825.0	U	1218		SANTA MARIA	AERO	WKG NEW YORK RADIO	NAP-AL
CZEC	5420.0	C	1003	OND 7	USTI NAD LABEM		TFC TO OND 42	JK -FG
DEN	2182.0	U	2024	OXP	SKAGEN	MARCO	ALL SHIPS WARNING	PAC-UK
DEN	2182.0	U	2019	OXE	ROENNE	MARCO	SHIP CALL LISTEN 2586	PAC-UK
ENG	11411.5	L	1337	MKG	LONDON	RAF	PHONE PATCHES, GIBGLY OPS	RM -IL
ENG	13172.1	U	2015	GRV 54	PORTISHEAD	MARCO	PHONE PATCHES	HBB-WA
GREE	2730.0	U	2209	SVL	LIMNOS	MARCO	CLG 3EC1	PAC-UK
GREE	6478.0	C	2315	SVA	ATHENS	MARCO	DE MARKER	AL -MA
HOLL	8694.0	C	0210	PJC	WILLEMSTAD	MARCO	QX5 MARKER	RJC-MA
HOLL	13042.5	C	1650	PJC	WILLEMSTAD	MARCO	CQ MARKER, // 8694	NRC-MA
ITLY	17722.0	U	2048	IBC	CAGLIARI	MARCO	ALL SHIPS CALL, TFC LIST	PAC-UK
INDR	2642.0	U	2025	L6Z	FARSUND	MARCO	CLG NORTHSTAR	PAC-UK
SPAN	1757.5	C	1735		IGUELDA	MARCO	TFC LIST IN SS	PAC-UK
SPAN	7704.0	C		ADK	ROTA	NAVRAV	TFC IN INVERTED CW	DLW-CT
SPAN	13175.2	U	2314	EHY	POZ. DEL RIO	MARCO	PHONE PATCHES	HBB-WA
SWED	2182.0	U	2116	SAE	TINGSTADE	MARCO	GALE WARNING LISTEN 2768	PAC-UK
SWED	2789.0	U	2158	SAA	KARLSKRONA	MARCO	'SECURITY' CALL, GALE WNG	PAC-UK
SWED	8740.6	U	0241	SAE	TINGSTADE	MARCO	VOICE MARKER	HBB-WA
USSR	4663.0	U	0805		KHABAROVSK	VOLMET	KHABAROVSK/IRKUTSK/CHITA	SM -JP
USSR	10520.0	C	0631	ULV 2	MOSCOW	SAAAMC	CODED WEATHER	RM -IL

*** AFRICA/MIDDLE EAST ***

ANGD	6565.0	C	0125	D3E 51	LUANDA	MARCO	CQ MARKER	GLT-NM
ANGD	12780.0	C	2310	D3E 51	LUANDA	MARCO	CQ MARKER	GLT-NM
FRPD	8625.0	C	1018	FUM	PAPEETE	NAVRAV	V MARKER	NRC-MA
ISRL	864.0	C	2301	4KO	HAIFA	MARCO	CQ MARKER	AL -MA
LIBE	4885.0	C	0423	KKN 44	MONROVIA	EMBASY	GRZ DE MARKER	TFS -NY
LIBE	11474.0	C	2115	KKN 44	MONROVIA	EMBASY	CQ MARKER	GLT-NM
LIBE	17404.0	C	2130	KKN 44	MONROVIA	EMBASY	US EMBASSY. CLG KMY97	RM -IL
NAMB	4513.5	C	0320	ZVN	WALVIS BAY	MARCO	V MARKER	RM -IL
REUN	8475.0	C	2116	FUX	SAINT DENIS	NAVRAV	V MARKER	AL -MA
REUN	8475.5	C	0130	FUX	SAINT DENIS	NAVRAV	V MARKER	GLT-NM
REUN	12691.4	C	2315	FUX	SAINT DENIS	NAVRAV	V MARKER	GLT-NM
REUN	13215.5	C	2245	FUX	SAINT DENIS	NAVRAV	V MARKER	GLT-NM
SENE	8989.0	C	0756	6WW	DAKAR	NAVRAV	V MARKER	SM -JP
SENE	13410.0	A	2028	6WW	DAKAR	NAVRAV	V MARKER	PAC-UK
SENE	16951.5	C	2220	6WW	DAKAR	NAVRAV	V MARKER	GLT-NM

*** ASIA/FAR EAST ***

HONG	8828.0	U	0845		HONG KONG	VOLMET	WEATHER	DRU-HI
HONG	9244.0	U	1202	ZEN 41	HONG KONG	C + W	EE/YL VOICE MARKER	MC -AZ
JPAN	5695.0	U	0920	J3B 8	ATSUGI	JJDF	WKG W3C	SM -JP
JPAN	5695.0	U	1230	J3B 8	ATSUGI	JSDA	WKG CHARLIE 40	MC -AZ
JPAN	8828.0	U	0840	JMA	TOKYO	VOLMET	WEATHER	DRU-HI
JPAN	10000.0	A	2300	JJY	TOKYO	SFTS	CW ID & TIME SIGNALS	RTS -FL

DKIN 8903.0	U	0951	NAHA	AERO	WKG PHILLIPINES 100	DRU-HI
PAKI 6676.0	U	1643	KARACHI	VOLMET	GRN DE BANGKOK R TIL 1645	SM -JP
PAKI 11397.0	U	1315	KARACHI	VOLMET	KARACHI/LAHORE/BOMBAY	SM -JP
PHIL 8903.0	U	0847	MANILA	AERO	WKG NAVY RESCUE 714	DRU-HI
PHIL 12881.3	C	2255	LAG PINAS	MARCO	CQ MARKER	GLT-NM
PRC 17103.2	C	2210	SANGHAI	MARCO	CQ MARKER	GLT-NM
RDK 13997.5	U	0312	UIJONGBOU	MARS	P/P TO ABM66W IN HI	DRU-HI
SING 8942.0	U	0856	SINGAPORE	AERO	WKG SINGAPORE 81	DRU-HI
THAI 2965.0	U	1340	BANGKOK	VOLMET	BANGKOK/RANGOON/HOCHIMIN	SM -JP
THAI 8686.0	C	1400	BANGKOK	MARCO	CQ MARKER	GLT-NM
TIWN 12864.0	C	2300	KAOSHUNG	MARCO	CQ MARKER	GLT-NM

*** PACIFIC ***

AUST 2965.0	U	1331	SYDNEY	VOLMET		SM -JP
AUST 4676.0	U	1330	SYDNEY	VOLMET		NRC-MA
AUST 12000.0	A	2043	LYNDHURST	SFTS	TIME SIGNALS	AL -MA
CARD 5205.0	U	0809	PONAPE		WKG VESSEL 'WILLIAM D'	MC -AZ
FFPD 0.0	C	1840	PAPEETE	NAVRAD	V MARKER	GLT-NM
FFPD 8625.0	C	0706	FUM	NAVRAD	V MARKER	AL -MA
FFPD 12664.5	C	2320	FUM	NAVRAD	V MARKER	GLT-NM
FFPD 17380.0	C	1921	FUM	NAVRAD	V MARKER	NRC-MA
FFPD 22544.0	C	1815	FUM	NAVRAD	V MARKER	GLT-NM
GUAM 6506.4	U	0930	NRV	USCG	CONGRATS, ED- YOU GOT IT!	GLT-NM
HI 8903.0	U	0710	KUA	AERO	WKG CONTINENTAL 511	ES -MA
HI 8984.0	U	1350	NMO	USCG	WKG CG 1346	DRU-HI
KERM 9950.0	U	0451	ZME 3	USCG	DPX P/P VIA ZLX 59	MC -AZ
NCAL 4271.0	C	1310	FUJ	NAVRAD	V MARKER	GLT-NM
NCAL 22406.9	C	2150	FUJ	NAVRAD	V MARKER	GLT-NM
NCAL 22461.0	C	1917	FUJ	NAVRAD	V MARKER - SOME FADING	NRC-MA
NZEL 6679.0	U	1023	AUCKLAND	VOLMET		NRC-MA
NZEL 8504.0	C	0555	ZLB	MARCO	CQ MARKER	NRC-CA
NZEL 8598.0	C	0536	ZLO	NAVRAD	CQ DE ZLO	AL -MA
NZEL 8828.0	U	1350	AUCKLAND	VOLMET		JDM-NM
NZEL 8828.0	U	0825	AUCKLAND	VOLMET	WEATHER	DRU-HI
NZEL 8984.0	U	0625	AUCKLAND	MARCO	WKG 'AIR FORCE SYDNEY'	MC -AZ
NZEL 22553.0	C	2145	ZLB 7	MARCO	CQ MARKER	GLT-NM

*** RTTY ***

FREQ	TIME	WPM-SHFT	CALL	CITY	IDENT	CNTY	TRAFFIC	CONTRB
2713.2	0215	50-850R	CCS	SANTIAGO	NAVRAD	CHIL	CODED MSGS	FBH-FL
2788.0	0110	75-875R	72JKL					FBH-FL
3094.8	0030	50R	4RM	COLOMBO	AERO	SLAN RYS	AM -UK	
3594.0	2141	30-425	9HA	LUGA	AERO	MALT 'DE LMMH RYRY'	PAK-UK	
3717.9	1005	50-850R	HEP 72	ZURICH	INTRPL			JM -FG
3936.0	0025	50-500R	ELRB	MONROVIA	AERO	LIBE RYS	FBH-FL	
4361.5	0750	50-700R	CCM	MAGDALANES	NAVRAD	CHIL	CODED MSGS TO FX & AI	RM -IL
4482.0	2303	50R	BJZ 25	HANGZHOU	METEO	PRC	WEATHER	AM -UK
4510.0	0305	50-425R	96C	ACCRA	AERO	GHAN RYS	RM -IL	
4607.0	0449	75-850N	RETJ	MADRID	NAVRAD	SPAN	NAVAL MESSAGES	RM -IL
4813.0	0527	50-425N	LZA 4	SOFIA	METEO	BUL	CODED WEATHER	RM -IL
5145.0	1645	ARQ	FIT 75	PARIS	MOI	FRAN	TFC TO BENDARME	AM -UK
5411.0	0120	75-850R	MUY 32			UNID	'NAWS TEST', RYS, COUNT	FBH-FL
5415.0	0030	50-850N			BA	FRG	RYS, FOXES	FBH-FL
5461.5	1423	50C	EEG 1	BARCELONA	POLICE	SPAN	5L MSGS	JK -FG
5474.5	2555	50-425	CVY 21	SANTIA MARIA	AERO	SPAN	'LAZ RYRY' MARKER	FBH-FL
5717.8	1115	50-425N	CAI7E	HANGA ROA	AERO	FRAN	EAST TFC	FBH-FL
5796.0	1700	ARQ		PARIS	MOI	FRAN	MIN. OF INT. SECURITY	RMA-FR
5810.0	1730	50-475R		DAMASCUS	SANA	SYRA		RMA-FR
6246.5	ARQ			DOSTENDE		BELG	TFC TO ANTWERP	RMA-FR
6258.5	0413	ARQ	5MRZ	FOSSARINA			WKG DAN	RMA-IA
6259.0	1805	ARQ	SV...	ATHENS	MARCO	GREE	WKG NESTE GAS	RMA-FR
6417.0	0739	50-425N	CCS	SANTIAGO	NAVRAD	CHIL	MSGS TO CCES	RM -IL
6824.0	0205	50-425N	BHH	JAMESTOWN	METEO	STHL	WS TILL 0212	RM -IL
6960.0	1905	50-425R	BTA			BUL	EE NEWS	RMA-FR
7327.9	1005	50-850R	JAE 27	TOKYO	JJJI	JPAN	SS NEWS	FBH-FL
7338.7	2230	50-350R	SNK	KANO	AERO	NIGR	'GJH' RYS	FBH-FL
7405.0	2315	50-400R	RCC	HAVANA	PTT	CUBA	RYS TO ITT N.Y. USA	JAK-WV
7418.0	2300	50-425R	RFLIGA	CAYANNE	NAVRAD	FFGU	FFU TFC TO VAR FF MIL	JB -CA
7587.0	0435	66-525	6VY 41	DAKAR	METEO	SENE	CQ/R/Y/ CODED WEATHER	TFS-NY
7620.2	1113	100-500R	RMV 6	KHABAROVSK?			MSG TO RQD 25	FBH-FL
7652.5	1423	FEC	HBD 20	BERNE	MFA	SWIS	MSGS	JK -FG
7660.0	2353	50N	XVT 56	HANOI	PTT	VJET	RYS TO BANGKOK	AM -UK
7680.0	1940	45-170N	AF430C		MARS	USA	ARG MSD BTN BOARD	JAK-WV
7686.0	2308	74-170R	NNNOMSD	SAN DIEGO	MARS	USA	TELEGRAMS	JB -CA
7690.0	0620	50-425N	TUH	ABIDJAN	ASECNA	IVRY	RY MARKER	MC -AZ
7690.0	2208	50-425	TUH	ABIDJAN	ASECNA	IVRY	DE TESTING PSE QJH	PAC-UK
7929.0	1910	75N	RBFWYS	DECIMOMANNU	RAF	ITLY	MSGS TO LAARBRUCH	AM -UK
7979.4	1155	50-300N	VNV	SYDNEY	NAVRAD	AUST	AAP NEWS IN EE TO ANTA	FBH-FL
8027.0	0154	50-425N	LOR	P. BELGRAND	NAVRAD	ARGN	MSGS TO LOV 3	RM -IL
8027.5	0158	50-325N	LOV 3	USHUAIA	NAVRAD	ARGN	ANSWERING LOR	RM -IL
8042.3	1500		IBA	NAPOLI	NAVRAD	ITLY	CLG 'ROUND TABLE'	JK -FG
8045.0	1145	ARQ		PARIS	INTRPL	FRAN	TFC TO VIENNA	RMA-FR
8101.1	0100	50-425R	STK	KHARTOUM	AERO	SUDN	RYS	FBH-FL
8136.0	0035	75R	HVQ 20	HANOI	VNA	VJET	VJET NEWS	AM -UK
8140.0	0914	50-425R	CLN 219	HAVANA	PL	CUBA	EE NEWS	BLA-PA
8167.5	0723	30-375R	MSS	BELIZE CITY	BA	BELZ	FOXES	RM -IL
8344.5	1905	ARQ	UF21	PORTSHEAD	RTMS	ENG	WKG GBBA SEA PRINCESS	RMA-FR
8353.5	0056	50-170N	UF21	ALMITE	RTMS	WKG	KALININGRAD MARCO	RMA-IA
8357.0	0122	50-170N	UVDF	FOMIN	RTMS	RYS	TO URB 2	JB -CA
8707.0	0530	ARQ	WLO	MOBILE	MARCO	USA	TFC LIST, WEATHER	RMA-IA
8708.5	1810	FEC	FF...	ST. LYS	MARCO	FRAN	FF WX	RMA-FR
8709.5	0616	FEC	UFB	ODESSA	MARCO	USSR	TFC LIST	JK -FG
8714.0	0915	FEC	ZSD 5	DURBAN	MARCO	SOAF	WEATHER	RMA-FR
9044.0	0212	50-425N	GHH	JAMESTOWN	METEO	STHL	RYS INTO WX @ 0214	RM -IL

9065.0	2234	75-425N	'DKI'	HAVANA	CUBA	RR & CODED TFC	RM -IL
9083.2	2100	75-850N	J41P			NAVAL EXERCISES	FBH-FL
9084.2	0830	100-425W	Y7A 38	BERLIN	MFA	BDR RYS / Y7A 20, Y7A 29	FBH-FL
9090.0	0053	50-850R	LRN 41	BUENOS AIRES	TELAM	ARGN SS NEWS	FBH-FL
9095.4	0420	75-850N	6WW	DAKAR	NAVRAD	SENE RYS 'LE BRICK'	FBH-FL
9244.0	2325	50-375N	MSS	BELIZE CITY	BA	BELZ TEST TAPE TO MKG, ZBZ	JB -CA
9252.0	2141	50-375R	ELRB	MONROVIA	AERO	LIBE CODED WEATHER	RM -IL
9290.0	1458	75-850R	RFHIS	NOUMEA	NAVRAD	NCAL FF NAVY, TFC TO FAAG	RM -IL
9950.8	1206	50-425N	GPX / 5	HO CHI MINH	VNA	RY / QRA / ZHC MARKER	MC -AZ
10073.4	0000	50-850N	Y2Q			CALLING UGA IN SS	FBH-FL
10092.0		50-600N	E6X			SS MIL TFC TO 24K	RM -IL
10104.0	0815	50R	JXA	CANAKRY	AERO	GUIA TESTING	AM -UK
10114.1		50-425N	CLN 281	HAVANA	PTT	CUBA RYS, EE TO ITT N.Y.	FBH-FL
10137.1	0045	50-875N	TW 96	BRAZZAVILLE	METEO	CONG CODED WEATHER, RYS	BLA-PA
10284.0		75-300R	RSN 25			ID, TO CM, TO 50/300R	FBH-FL
10388.7	2310	50-425R	SNL	LAGOS	AERO	NIGR RYS, 64S	FBH-FL
10390.2	2320	ARQ	KVLO	BOGOTA	IP	COLD MSGS TO PARIS	AM -UK
10426.7	0200	50-850N	YMA 8	ANKARA	METEO	TURK NEXT NIGHT ON 10427.2	FBH-FL
10429.0	2255	50-425R	Y7A 44	BERLIN	MFA	BDR 6G NEWS	FBH-FL
10436.0	1605	50-425N	ZAY	TIRANA	ATA	ALB NEWS	JB -CA
10476.5	1610	50-425R	CNM 34/X2	TANGIER	MAP	MROC NEWS	JB -CA
10513.5	0037	50-850N	LOR	P. BELGRAND	NAVRAD	ARGN CODED MSGS TO LOV 3	RM -IL
10536.4	0050	75-850R	DFH	HALIFAX	CANMIL	CAN WEATHER	FBH-FL
10559.5	1612	50-350N	FTK 56/H3	PARIS	AFP	FRAN NEWS	JB -CA
10570.0	1000	50-850R	JAF 70			JPAN DPA EE NEWS	FBH-FL
10642.0	1642	50-850N	SUC	CAIRO	AERO	EQPT CLG STK	IK -UK
10649.5	1620	50-425R	GIC 30B	LONDON	AF	ENG NEWS	JB -CA
10677.5	1115	45-300R	VTR 28	PORT BLAIR	NAVRAD	ANDA RYS, FOXES	FBH-FL
10710.0	0527	50-850N	NAU	SAN JUAN	NAVRAD	PR FOXES, RYS TO ZRH	MC -AZ
10710.0	2052	50-425N	NAU	SAN JUAN	USCG	PR ID & FOXES	PAC-UK
10749.6	1442	ARQ	LBL	OSLO	NA	NOR MSGS, TFC	JK -FG
10805.0	0033	50-850N		BUENOS AIRES	NA	ARGN EE NEWS	BLA-PA
10977.5	1719			KRIBI	COMCAM	CAME MSG TO DOULA	JK -FG
11009.7	2320	50R		MADRID	EFE	SPAN SS NEWS	AM -UK
11017.0	1802	50-850R	RPT1	P. DELGADA	NAVRAD	AZOR RYS / FOXES	RM -IL
11027.5	1500	50-425R		KINSHASA	AERO	ZIRE TEST DE ZIRE CENTER	RMA-FR
11027.5	1627	50-425R		ROME	TINA	ITLY AA NEWS	JB -CA
11027.7	2230	50-425R	IRI 20	KINSHASA	PTT	ZIRE METED TO LUSAKA	FBH-FL
11100.0	2350	50-850N	9RL 310	SANTIAGO	AERO	CHI RYS INTO AERO WX	RM -IL
11142.0	2353	50-850N	CAK	CARACAS	NAVRAD	VEENT WKG YIJ IN SS	RM -IL
11228.7	0927	FEC	S91	CAIRO	MFA	EQPT AA MSGS	JK -FG
11229.8	1448	50-600R		PYONGYANG	KCNA	NOKZ RY / ID / FREQS	IK -UK
11424.9	1205	50-170N	5HD	DAR ES SALAM	AERO	TANZ TESTING IN EE	FBH-FL
11444.7	2215	50-425R	FDY 49	ORLEANS	FAF	FRAN VVVV DE FDY	FBH-FL
11475.5	0930	50-425N	HMV 33	PYONGYANG	KCNA	NOKO SS NEWS	FBH-FL
11497.0	1425	50-425R	SOL 349	WARSAW	PAP	POL RR NEWS	RM -IL
11500.0	1340	50-850N	BBB 35	JAKARTA	METEO	INDO CB, RYS // 8BB 39	FBH-FL
11515.0	2124	50-425R	BAMAKO	BAKING	ASECNA	MALI RYS / GRK	FBH-FL
11531.6	0230	ARQ	YBRH	ISLAMUJERES	MEXIL	MEX	FBH-FL
11541.0	2018	50-425R	70C	KHORMAKSAR	AERO	YEMN RYS	RM -IL
11574.0	1627	50-375N	SAFAT	SAFAT	KUNA	KUNT EE NX (NEW FREQ)	RM -IL
11640.4	1225	50-850R	70C	KHORMAKSAR	AERO	YEMN RYS	FBH-FL
11660.0	0635	50-850R	CAN6D	PUNTA ARENAS	NAVRAD	CHIL CODED WEATHER / SS TFC	RM -IL
11670.4	2350		IDQ	ROME	NAVRAD	ITLY RYS	FBH-FL
12131.8	2100	57-170N	AEROMEX NET	VARIOUS	AERO	MEX 57 BAUD, SS/EE TFC	FBH-FL
12174.1	2300	50-100N	ETD 3	ADDIS ABABA	AERO	ETHO RYS	FBH-FL
12178.0	1950	50-325N	9KT 291	SAFAT	KUNA	KUNT EE NEWS	FBH-FL
12338.4	1300	50-425N	CDH			CHI RYS	FBH-FL
12255.6	1145	ARQ	IPS 20	ROME	MFA	ITLY MSGS TO ATHENS	AM -UK
12252.1	1415	75-750N	HDN	QUITO	NAVRAD	ECUA RYS	FBH-FL
12263.0	2100	50-170N	TTL	N'DJAMENA	ASECNA	CHAD AERO WEATHER	RM -IL
12263.2	0435	50-160N	TTL	N'DJAMENA	ASECNA	CHAD RYS	FBH-FL
12497.5	2230	ARQ	ELAV 5	ETERNITY VEN	M/V	WKG KPH	RMA-IA
12502.0	2252	50-170N	EDPA	LAZURNIY BER	TR	WKG KALININGRAD MARCO	RMA-IA
12505.0	1340	ARQ	GK...	PORTISHEAD	MARCO	ENG WKG ELCV 9 PLAKOURA	RMA-FR
12513.5	1715	ARQ	GK...	PORTISHEAD	MARCO	ENG WKG BYVA ENG SECURITY	RMA-FR
12513.5	1415	ARQ	OXNX	A.P. MOELLER		WKG WCC	RMA-IA
12513.5	1830	ARQ	OXZ..	LYNBBY	MARCO	DEN WKG OMKH NELLY MAERSK	RMA-IA
12514.0	2300	50-170N	URK	PROLIM DIANY	TR	BELZ TEST TO KALINIGRAD	RM -IL
12521.0	0110	50-170N	URKV	SEKTOR,	MSB	RYS TO UJY	JB -CA
12521.5	0102	50-170N	UPIA	LEN. LUCH	TB	RYS TO EUED	JB -CA
12522.0	1400	50-170N	UYEQ	BISK			RMA-IA
12525.0	0100	45-170N	UFJH	MYS SILINA	BMRT	RYS	JB -CA
12526.0	0100	50-170N	EKYP	TH		RYS	JB -CA
12704.8	2300	75-850R	L0L	BUENOS AIRES	NAVRAD	ARGN CODED MSGS	FBH-FL
12783.0	1113	9MV		JOHOR BAHRU	NAVRAD	MLAY CLG NWS	JK -FG
12786.0	0145	75-160R	MMO	HONOLULU	USCBC	HTA EE NX TO EMBASSIES	FBH-FL
12837.0	1806	50-170N	CLJ	CONBARIEN	MARCO	CUBA RUSSIAN NEWS	RM -IL
12890.3	0100	50-850R	PWZ 33	R DE JANIERO	NAVRAD	BRIL P WEATHER	FBH-FL
12947.0	1311	FEC	UFB	ODESSA	MARCO	USSR RR 3RD SHIFT CYRILLIC	JK -FG
13076.0	0910	ARQ	VIP 40	PERTH	MARCO	AUST TFC TO CSWM 4	FBH-FL
13077.0	0905	FEC	NRV	APRA HARBOR	USCB	GUAM CB, FOXES, HYDROPROP MSGS	FBH-FL
13089.0	0734	FEC	UAT	MOSCOW	MARCO	USSR RR 3RD SHIFT CYRILLIC	JK -FG
13095.5	1405	ARQ	KLC	GALVESTON	MARCO	USA TFC	FBH-FL
13366.5	2025	50-425	5YD	NAIROBI	AERO	KEN 'DE 5YD TEST'	PAC-UK
13514.3	1115	75-850R	PWZ 33	R DE JANIERO	NAVRAD	BRIL TO ZPK THEN PP MSGS	FBH-FL
13585.8	1559	ARQ	ZEN 62	HONG KONG	EMBASY	UNID SWISS, 86/FF/EE/5L MSGS	RM -IL
13615.0	1000	50-425R	JEN 62	HONG KONG	RYS	THEN AFP FF NEWS	FBH-FL
13674.5	1834	37S		BELZ	OSV	TO MKG	RMA-IA
13735.0	1950	50-00N	Y3D 3	BERLIZ	DP	ARM EE NEWS	FBH-FL
13780.1	1459	50-400R	HMV 35	PYONGYANG	KCNA	NOKO ID / FREQS	IK -UK
13785.1	1505	50-425R	SON 278	WARSAW	CTK	POL EE NEWS	FBH-FL
13791.5	1430	FEC	SON 279B	WARSAW	PAP	POL POLISH NEWS	JK -FG
13911.5	1235	SON	HSP212WSN	WASHINGTON	EMBASY	USA THAI EMB. MSG TO BONN	AM -UK
14305.2	1540	75N	6C 2	LAGOS	EMBASY	NIGR CZEC EMB. TO PRAGUE	AM -UK
14350.7	1120	50R		KUALA LUMPUR	EMBASY	MLAY PAKI EMB. TO KARACHI	AM -UK

*** AERO ***

FREQ	M	TIME	CALL	IDENT	TRAFFIC	CONTRB
3123.0	U	0035	CG 1489		WKG NMA MIAMI	JDW-MN
5574.0	U	0743	FLYING TIGER 2701		WKG SAN FRANCISCO	WRB-TN
5574.0	U	1401	OVERSEAS NAT'L 902		WKG HONOLULU	JDW-MN
5574.0	U	1407	QUANTAS 11		WKG SAN FRANCISCO	JDW-MN
5601.0	U	2222	AEROFLOT 3537		CLG KABUL	IK -UK
5628.0	U	1439	CLIPPER 6		WKG HONOLULU	JDW-MN
5628.0	U	1257	MAC 50247		EMPRESS 404 WKG HONOLULU	JDW-MN
5643.0	U	1209	QUANTAS 3		WKG NANDI	JDW-MN
5680.0	U	1805	CG 1501		WKG BRAVO 2,3,4,5	SR -MI
5696.0	U	1843	CG 1428		WKG NMG	JS -MI
5696.0	U	0055	CG 1467		WKG NDR	JS -MI
5696.0	U	1801	CG 1477		WKG MNM	JS -MI
5696.0	U	1837	CG 1477		WKG NMG	JS -MI
5696.0	U	0001	CG 1483		WKG NMG	JS -MI
5696.0	U	2259	CG 1504		WKG AVDET GITMO	JS -MI
5696.0	U	0143	CG 1702		WKG AVDET GITMO	JS -MI
5696.0	U	0058	CG 1704		WKG NMA	JS -MI
5696.0	U	2208	CG 2102		WKG AVDET GITMO, CUBA	KFN-FL
5696.0	U	1433	CG 2115		WKG NMF BOSTON	JDW-MN
5696.0	U	0125	KING 61	USAF	P/P W/SACRAMENTO VIA NMC	SR -MI
5710.0	U	0313	SAM 30501		WKG ALBROOK	DS -OH
6483.0	L	2100	SAM 31682		WKG ANDREWS	BLA-PA
6483.0	U	2346	SPAR 60		WKG ANDREWS	BLA-PA
6715.0	L	0148	AIR FORCE 2		WKG ANDREWS	MC -NY
6715.0	U	1411	SAM 24130		WKG ANDREWS	DS -OH
6730.0	U	1530	SAM 86970		WKG ANDREWS P/P SAN JUAN	DS -OH
6731.0	U	2328	SAM 2700		P/P TO CROWN VIA ANDREWS	KFN-FL
6756.0	U	2228	SAM 30501		WKG ANDREWS P/P SAC	DS -OH
6756.0	L	0140	SAM 502		WKG ANDREWS	MC -NY
6830.0	L	2046	SAM 31682		WKG ANDREWS	BLA-PA
8743.0	U	2340	PAC 5511		WKG HONOLULU	HBB-WA
8896.0	U	0718	AIR NAURU 120		WKG NANDI AERO	MC -AZ
8991.0	U	2307	JAPAN AIR 413		WKG CAMBRIDGE AERO	RM -IL
8903.0	U	0010	HAFAP 004		WKG BRAZAVILLE	JDW-MN
8903.0	U	0945	LUNDY 56		WKG HONOLULU	DRU-HI
8903.0	U	0855	MAC 90012		WKG MANILA AERO	DRU-HI
8903.0	U	1132	NAVY DELTA GULF 807		WKG MANILA, NAHA	DRU-HI
8903.0	U	0940	SWAN 07		WKG NAHA	DRU-HI
8903.0	U	1108	SWAN 07		CLG NAHA OKINAWA	DRU-HI
8903.0	U	0900	SWAN 11		WKG HONOLULU	DRU-HI
8903.0	U	0910	SWAN 29		CLG NAHA OKINAWA	DRU-HI
8903.0	U	1159	SWAN 70		WKG HONOLULU	DRU-HI
8918.0	U	1342	AMERICAN 655		WKG NEW YORK	JDW-MN
8919.0	U	0120	CAYMAN 27563		WKG PANAMA	JDW-MN
8968.0	U	2032	LOCKHEED FLIGHT		WKG A/C 5007	DS -OH
8984.0	U	1442	CG 2134		WKG USCGC RELIANCE	SR -MI
8989.0	U	1705	CASEY 01		CLG MACDILL, NO JOY	KFN-FL
9014.0	U	1943	SAM 24197		WKG SCOTT	DS -OH
10780.0	U	2353	TEAL 60		WKG TEAL OPERATIONS	DS -OH
11176.0	U	1708	SAM 24201		WKG ALBROOK	DS -OH
11180.0	L	2333	SAM 30502		WKG ANDREWS	DS -OH
11247.0	U	1748	MAC 50257		WKG MACDILL, PP TO FORMAT	SMM-MI
11249.0	L	1305	SPAR 60		WKG ANDREWS	BLA-PA
11282.0	U	0046	JAPAN AIR 61		WKG SAN FRANCISCO	JDW-MN
11282.0	U	0045	MAC 00451		WKG HONOLULU	JDW-MN
11396.0	U	1743	CLIPPER 220		WKG NEW YORK	JDW-MN
13215.0	L	1420	SAM 86971		WKG ANDREWS	DS -OH
13291.0	U	1850	AIR FRAN CONCORDE 02		WKG NEW YORK AERO	DS -OH
15015.0	U	1904	MAC 70170		WKG ASCENCION	NRC-MA
15015.0	U	1909	SAM 24201		P/P VIA ASCENSION TO PANAMA	NRC-MA
17980.0	U	2100	AW 40	RAF		IK -UK

*** TACTICAL ***

FREQ	M	TIME	CALL	IDENT	TRAFFIC	CONTRB
1182.0	U	0105	NOVEMBER ECHO 700		WKG SCOTT	JDW-MN
2808.0	U	0420	SLINGSHOT		WKG RAMPART, OMAHA 53	KFN-FL
2808.0	U	0815	SLINGSHOT		WKG RAMPART, PANTHER, 03A	KFN-FL
3864.0	U	2003	THREE ECHO INDIA		TFC	PAC-UK
3931.0	U	2150	UNIFORM DELTA		ALSO WHISKEY BRAVO, OTHERS	PAC-UK
4106.0	U	0741	ZERO 9 QUEBEC		WKG MIKE 9 ROMED	KFN-FL
4560.0	U	1338	PATCHES	USAF	WKG CANARY SEED AIFA	MC -AZ
4585.0	U	0108	KIDDI CAR 41	SC CAP	WKG VAR KIDDIE CAR UNITS	DS -OH
4753.0	L	0632	HOTEL CHARLIE ROMED		WKG ALBROOK AFB	RM -IL
5680.0	U	1212	CG 1700		WKG CG 2109 ON SAR	BLA-PA
5680.0	U	2150	CUTTER KILO		WKG KILO 5,8,1,2,3 ON SAR	BLA-PA
5680.0	U	2152	CUTTER KILO		WKG LIMA 2 ON SAR MISSION	BLA-PA
5680.0	U	2204	CUTTER KILO		WKG CG RESCUE 1501	BLA-PA
5680.0	U	2228	CUTTER KILO		WKG NAVY RESCUE 409	BLA-PA
5680.0	U	2229	CUTTER KILO		WKG AIR FORCE RESCUE 974	BLA-PA
5680.0	U	2209	ECHO 1		WKG ELECT 7	BLA-PA
5696.0	U	2020	AIR FORCE RESCUE 828		WKG MIAMI ON SAR MISSION	BLA-PA
5696.0	U	2023	ECHO 9 OSCAR		WKG LIMA 3 YANKEE	BLA-PA
6206.0	U	1800	WHISKEY		WKG ALPHA WHISKEY, SIERRA	KFN-FL
6208.0	U	0700	HOTEL		WKG ALPHA/DELTA CHARLEY	KFN-FL
6512.0	U	2228	BLADIATOR		WKG TOPDOG - USN TFC	DS -OH
6714.0	U	2150	AIR FORCE RESCUE 819		WKG AIR FORCE RESCUE 853	BLA-PA
6714.0	U	2132	AIR FORCE RESCUE 974		WKG AIR FORCE RESCUE 1 DPS	BLA-PA
6714.0	U	2132	AIR FORCE RESCUE 974		WKG 970	KFN-FL
6715.0	U	2224	BRANDYWINE		WKG ZULU 7 HOTEL	KFN-FL
6723.0	U	2319	NOVEMBER 6 WHISKEY		RAF WEATHER BROADCAST	RM -IL
6726.0	U	0215	ZULU UNIFORM ALPHA	RAF	WKG 65 GOLF CHARLIE	MC -AZ
6726.0	U	0622	YANKEE 966			

6726.0	U	0622	YANKEE 966	RAF	WKG 65 GOLF CHARLIE	MC -AZ
6730.0	L	1310	ONE PUNCH		WKG EDWARDS	JDW-MM
6735.0	U	2001	DRAGNET QUEBEC		CLG DRAGNET HOTEL, GOLF	MWJ-ID
6761.0	U	1741	CHOGA 82		WKG MAYBERRY	SMM-MI
6855.0	C	0222	K7A		SS & PHONETIC MSGS TO HSN	RM -IL
8245.0	U	1809	SHARK 29		WKG SHARK 09, SURVEILLANCE	KFN-FL
8626.0	U	1527	JEPSON		CLG CLOSETREE & BRACER	KFN-FL
8652.0	U	1700	FOXTROT TANGO		WKG ALPHA BRAVO	DRU-HI
8867.0	U	0945	AGAR 25		WKG TAHITI (A/C EC-135N)	KFN-FL
8972.0	U	0833	SIERRA 6 CHARLIE		WKG TANGO TANGO, CODED TFC	JDW-MM
8989.0	U	1533	MARCONI MOBILE		R/C MCCLELLAN	DS -OH
9023.0	U	2050	SUSPICION		WKG EXPLETIVE/CENTURY 5D	KFN-FL
9220.0	U	1810	BUTTER		WKG BUTTER 91	RM -IL
11114.0	U	0030	7 VICTOR		WKG 9 JULIET	MC -NY
1246.0	U	1625	SLOT 26		WKG BACON 80 VIA MACDILL	DRU-HI
13179.0	U	1808	LIMA 3 UNIFORM		WKG TANGO 7 TANGO	DRU-HI
13179.0	U	1807	XRAY ZERO MIKE		FOXTROT BROADCAST	RM -IL
13333.0	U	2028	DUKE, CANADIAN, WARDEN		WKG GRASS, FISH, EACH OTHER	RM -IL
13500.0	U	1951	ROMERO HOTEL		SS/OM CLG ROMERO ALPHA	DS -OH
14467.0	U	1809	TIGER		CLG FOX - GRM TO MARS	FREQ DS -OH
15041.0	U	1620	FORT 97		GETTING WX FM UNID STN	NRC-MA
18666.0	U	1450	ATLAS		WKG FLINT 354	KFN-FL
18666.0	U	1650	ATLAS		WKG P/P FOR FLINT 559	KFN-FL
18666.0	U	1705	ATLAS		WKG JAGUAR 200, FLINT 354	KFN-FL
18666.0	U	1715	ATLAS		WKG FLINT 352	KFN-FL
18666.0	U	1730	ATLAS		WKG SUNDANCE 700 MIKE	KFN-FL
18666.0	U	1820	ATLAS		WKG FLINT 354, MARLIN 395	KFN-FL
18666.0	U	1825	ATLAS		WKG PANTHER, ZERO 4 ALPHA	KFN-FL
18666.0	U	1958	ATLAS		WKG 54 ALPHA	BLA-PA

*** NUMBERS ***

DATE	STRT-STOP	FREQ	M	LL/GB	TRAFFIC	CONTRB
/ /	0705----	8056.0	A	SS/YL 5D		JMN-CA
/ /	0810-0817	7527.0	A	SS/YL 5D		JMN-CA
11/04/84	0905----	5985.0	A	SS/YL 5D		RM -IL
11/08/84	0102-0106	3444.0	A	SS/YL 5D,	'ATENCION 792/35'	RM -IL
11/08/84	0411----	4050.0	A	SS/YL 5D		RM -IL
11/08/84	0415----	6819.0	C	/	'261" REPEATED INTO 5A	RM -IL
11/08/84	0630-0640	6872.0	A	SS/YL 5D		TFS-NY
11/09/84	0517-0525	3435.0	A	SS/YL 5D,	'ATENCION 360/80'	RM -IL
11/09/84	0618-0617	10145.0	A	SS/YL 5D		RM -IL
11/09/84	0700-0706	11560.0	A	/	'ATENCION 833/80'	RM -IL
11/11/84	0640-0646	11418.0	A	SS/YL 5D		RM -IL
11/12/84	1813----	10665.0	A	SS/YL 4DD	GR105	RM -IL
11/13/84	0700----	5809.5		SS/YL	COUNT INTO 4D GROUPS	JMS-OK
11/18/84	0700----	6870.0	A	SS/YL 5D,	'ATENCION 415 136'	PAT-CA
11/19/84	0627----	5130.0	A	SS/YL 5D		RM -IL
11/22/84	0315----	4670.0	A	SS/YL 4D		JMN-CA
11/24/84	0543-0559	6825.0	A	GB/YL 5D	STRONG CARRIER, LD HUM	PAT-CA
11/27/84	1631----	13788.0	C	/	'DWINN' RPTD TO 5L GRPS	RM -IL
11/28/84	1845----	18620.0	C	/	'5L MSG USING ADIGNOTUW	RM -IL
11/30/84	0900-0912	8400.0		CC/	4D CHIN.#' MUSIC, 'RRRR'	JMN-CA
12/01/84	1407-1444	10665.0		SS/YL 4D	GRUPO 211	MH -CO

*** BEACONS ***

FREQ	M	TIME	CALL	CITY	TYPE	TRAFFIC	CONTRB
192.0	A	0506	TUK	NANTUCKET MA	NDB	WEATHER	SN -TX
315.0	C	0831	PIL	PADRES ISLAND	NDB		MH -CO
512.2	C	0453	KB		NDB	ID	SN -TX
1698.0	C	0650	BG83851		RNAV?	ID	SN -TX
1714.0	C	0448	IAH		NDB		RM -IL
1715.0	C	0713	NIS	PUERTO ASIS, COLOMB	NDB	MH SAYS LISTED AS SIS	MH -CO
1716.0	C	0433	NIW		NDB		RM -IL
2842.0	F	1140	K	KHABAROVSK AREA	SLHFB	CONTINUOUS FSK CW 'K'	MC -AZ
6802.0	A	0120	F			SAME FREQ AS 4D SS/YL	JMN-CA
9043.1	C	2218	K		SLHFB		RM -IL
13541.5	C	1907	E			CONTINUOUS 'E'	NRC-MA

*** UNIDENTIFIED ***

FREQ	M	TIME	DATE	CALL	TRAFFIC	CONTRB
1783.0	U	0610	/ /		BLEEPS - PROB RNAV BEACON	ES -MA
3370.0	C	0950	11/18/84		5L GPS - 5WPM (WGY.?)	JMN-CA
4514.5	C	0354	11/09/84	RFT	V/CQ MARKER + QSL 0A	RM -IL
8447.0	C	0215	11/24/84	72JKL	DE MARKER	GLT-MM
9046.0	C	2224	11/19/84	TU 152	V MARKER	RM -IL
9052.0	C	2151	11/19/84	KN	V MARKER	RM -IL
10635.0	U	2047	/ /		AA/FF/OM TELECOM TFC	IK -UK
12423.0	U	0120	/ /		RR/DM 2-WAY 5D #5 TFC	JMN-CA
13457.0	C	1939	11/27/84		'ADA NMUIA WANTR' RPTD	RM -IL
13457.0	C	1944	11/27/84		'AWA NMUIA WAAT' RPTD	RM -IL
14398.0	I	1621	10/05/84	VOA	VOA FEEDER. UNID LOCATION	HBB-MA
14655.0	U	1217	/ /		PICDLS	IK -UK
14892.0	A	2003	11/03/84		MUSIC MARKER INTO CW TFC	RM -IL
15728.0	C	1607	11/23/84	SPP 229	WKG SNN 329; 'PSE 1YNR4'	RM -IL
17980.0	U	1519	/ /		FF TFC CLG DOUALA CAME	IK -UK
19260.0	U	2015	/ /		FF/OM FDR, POSS. VOA 0H.	DLK-CA

*** VLF/LF/MW ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BELZ	392.0	C	0548	ZDZ	BELIZE CITY	NDB	'ZDZ'	RM -IL
BELZ	392.0	C	0905	ZDZ	BELIZE	NDB	ID	RT -FL
CAN	362.0	C	0551	SB	SUDBURY ONT.	NDB	'SB'	RM -IL

CUBA	475.0	C	0435	CLA	HAVANA	MARCO	SS WEATHER OBSERVATIONS	RM	-IL
PR	391.0	C	0510	DDP	DORADO	NDB	DDP	RM	-IL
UNID	379.0	C	0543	UB		NDB	UB	RM	-IL
UNID	410.0	C	0935	SFB			ID MARKER	RT	-FL
UNID	412.0	C	0945	CMY			ID MARKER	RT	-FL
UNID	527.0	C	0927	CYV			ID MARKER	RT	-FL
USA	477.0	C	0439	WNU	SLIDELL	MARCO	WEATHER FORECASTS	RM	-IL
USA	483.0	C	0533	KLC	GALVESTON	MARCO	TFC LIST/ WX FORECAST	RM	-IL

*** QSLs ***

CNTY	CALL	DES/ID	NAME/LOCATION	QSL/TIME/POSTAGE	FREQ	CONTRB
	CG 1483		COAST GUARD RESCUE	PPC 9DAYS 1MS	5696.0	HH -MD
	CG 1501		COAST GUARD RESCUE	LTR, PHOTO 7DAYS NO POSTGE	5698.0	HH -MD
	CG 2108		COAST GUARD	PPC 11DAYS 1MS	5699.0	HH -MD
	CS-186	TAP	AIR PORTUGAL	LTR, MAP 36DAYS NO POSTAGE	5616.0	HH -MD
	NS3NY		RODIE O GRADY	LTR, PPC, CARD 32DAYS	5616.0	HH -MD
	NFIJ	USCGC	POINT STUART	PPC 10DAYS 1MS	5692.0	HH -MD
CAN	YLH	NDB	LANDSDOWNE ONTARIO	LTR 37C CAN. STAMP	247.0	HH -MD
JAM	6YX	JCB	KINGSTON	LETTER, \$1	8294.2	NAP -AL
USA	USA	USCG	NANTUCKET LIGHTSHIP	PPC CARD 30D NO POSTAGE	2670.0	ES -MA
USA	MBV	NDB	SOUTH HILL, VIRGINIA	PPC 10DAYS 1MS	356.0	HH -MD
USA	NMC	USCG	PORT REYES, CA	FD-CARD 8DAYS NO POSTAGE	13113.2	KAR -DK
USA	RRP	NDB	ROCK HILL, S.C.	LTR 9DAYS 1MS	394.0	HH -MD
USA	RVJ	NDB	REIDSVILLE, GA.	PPC 7DAYS 1MS	423.0	HH -MD

*** THIS MONTH'S CONTRIBUTORS ***

INI-ST	NAME	RECEIVER	SUBS
RMA-FR	AKED, ROGER	EDDYST. 1650/2	18
BLA-PA	ALEXANDER, BRIAN		23
RMA-IA	ALEXANDER, RODNEY	R 70	9
HBB-WA	BEAL, BART	R 4C	12
WRB-IN	BEAVER, WILLIAM R.	FRG 7700	3
FWB-NJ	BELGHAUS, FRED W.	ICF 2001	19
JB -CA	BERRI, J.		31
DAN-WA	BIRCHNER, DAN		1
DB -AR	BREWER, DON	R 70	2
NRC-MA	CADRETTIE, W. R.		23
MC -AZ	CHABAK, MIKE		19
MC -NY	CHINSKEY, MARK	ICF 5900W	4
RJC-MA	COLEMAN, R. J.		4
PAC-UK	CONWAY, PETER A.	COLLINS 57J-4	18
FLE-KY	FLEISCHAKER, ?		1
MH -CO	HARDESTER, MIKE	R 1000/FRG 7000	4
DRH-PA	HEIN, DON R.		1
FBH-FL	HETHERINGTON, FRED B.		52
HH -MD	HOLBROOK, HANK		10
HUN-NC	HUNT, ?		3
MWJ-ID	JOHNSON, MARK W.		4
KAR-OK	KARNS, ?	DX 400	3
DLK-CA	KEENAN, DAVID	R 71A	1
IK -UK	KERR, IAN	R 2000	9
JK -FG	KLINGENFUSS, JOERG	R 7	18
JAK-WV	KNAPP, JEFF	R 2000	9
AL -MA	LENKOWICZ, ABE	DX 302/ICF 2001	15
RM -IL	MARGOLIS, ROBERT		91
SM -JP	MIAUCHI, SATOSHI		1
SMM-MI	MOLL, SUSAN M.		1
AM -UK	MOORE, ALEX	R7	20
SN -TX	NEAL, SAM	TS 930S	4
KFN-FL	NEWELL, KENNETH F.	ICF 2001	43
JMN-CA	NOWICKI, J. MICHAEL		9
NAP-AL	PURDUE, NEAL	R 4B/2C	7
SR -MI	RUTLEDGE, STEVE	R 71	9
TFS-NY	SABLE, THOMAS F.		3
ES -MA	SOOMRE, ED		4
JS -MI	SPENCER, JON	DX 302	1
JMS-OK	STUART, JERRY M.		1
DS -OH	SYMINGTON, DARYLL	R 71A	18
PAT-CA	THOMPSON, PEGGY	FRG 7	2
GLT-NM	THOMPSON, GLENN		18
RT -FL	TROTTO, RON	UNIDEN CR 2021	6
DRU-HI	UNRUN, DONALD R.	FRG 7	20
JDW-MN	WILLIAMS, JOHN D.	ITT 3010/R 7A	17
DLM-CT	WILSON, DAVID L.		1
			==
			613

** Total **

A good way to start the new year! The new format is starting to jell, and changes should be fewer in the next month or so. Thanks for your patience.

No graph this month. One of the perks of owning a computer store is that I get to use all the neat toys. But when a live customer comes in, I must sell him (her) the toy if the customer wants it. Therefore, when customers insisted on buying all of my IBM computers, I had no choice but to comply. There went my graphic analysis of the loggings! If my supply holds out next month, the graph will return. Thanks for your suggestions.

The reference to the GROVE MICROFICHE sets last month seem to have struck a responsive chord. Among others, EUGENE KROLACK JR writes that if you get scared off by the cost of a fiche reader, most public libraries have fiche readers available, and some even have photocopiers built-in. A nominal photocopy fee allows you to take home a hardcopy of the pages you select. Thanks for the info, Gene.

And for the rest of you who took time to write, I really appreciate the support. I look forward to a long and mutually productive relationship with all of you. I feel like the new year is off to a great start.

NEWS

HANK HOLBROOK has made a real catch. On September 16, 1984 @ 0226 UTC he monitored the balloon 'ROSIE O'GRADY BALLOON OF PEACE' as it made its way on the pioneering first successful solo balloon crossing of the Atlantic. Hank sent to me copies of a very nice letter from the Operations Chief and a QSL signed by the pilot, Joe Kittinger. Congratulations for a dynamite accomplishment, Hank!

NEW PUBLICATIONS

JASON BERRI has available a 12-page list of Russian ships, type, call signs, and names. This typed/handwritten list is a good compilation of this data. Copies can be had from Jason for \$1.75 (includes postage) by writing to Jason at

JASON E. BERRI
6216 MOSELY AVENUE
LOS ANGELES, CA 90056

JOE WOODLOCK announces the availability of the 'LONG WAVE UPDATE' supplement to 'THE BEACON GUIDE', publication of the LONGWAVE CLUB OF AMERICA. This UPDATE supplies changes and additions to the GUIDE in 1980 through October of 1984, and is helpful to account for the newer beacons and the beacons that have changed location. The UPDATE is the result of a collaboration between Joe and Ken Stryker. It is available for \$2.50 plus 50 cents postage from

KEN STRYKER
6350 N. HOYNE AVENUE
CHICAGO, ILLINOIS 60659

If you also need the GUIDE, it is available to members of the LWCA for \$6 and \$7 for non-members from

CENTURY PRINT SHOP
DON ERICKSON
6059 ESSEX STREET
RIVERSIDE, CA 92504

The 4th EDITION AIR-SCAN GUIDE TO AERONAUTICAL COMMUNICATIONS is now available from CRB research and stores carrying their publications. The 120 page book holds more than 45000 listings. Although the majority of frequencies listed are above 30 MHz, there is a special section of aero frequencies between 2 MHz and 30 MHz. There are also frequencies listed for various companies and the flight watch weather stations. The AIR-SCAN GUIDE is available for \$10.95 in stores or direct from CRB with additional \$1 shipping:

CRB RESEARCH
PO BOX 56
COMMACK NY 11725

REQUEST FOR MATERIAL

From your submissions and letters it has become obvious that many of you tend to 'specialize' in monitoring certain transmission modes or different services. I would like to ask you, if you have such a specialty, to contribute an account of those modes or services for the rest of the readers to share. It doesn't matter that you aren't an international expert; nor does it matter if you aren't a professional writer or typist. If you would give me an outline of what you could tell us about your specialty, I'll work with you on editing and presentation. Some topics to be covered could include:


MULCAST
CHEAP FAX
ENCRYPTED RTTY
PRODUCT REVIEWS

MOORE CODE
NAVY VERDEN SYSTEM
EMBASSY COMMS
COMPUTERS & DX

INVERTED CW
TACTICAL CALLS
AERADIO
ANTENNAS

None of can be an expert on all things; please share your knowledge and experience. Also, I don't expect a book from you. If your topic can be covered in 50 lines, that's fine. If it deserves more space, I'll serialize the article. Loggings will always take priority; that's what we're here for. But DXing means sharing as well as listening and reading, so why not share your experience as well as your loggings?

That's all for now. Until next month, 73 and best DX from West (by God) Virginia!



CONTRIBUTORS LIST

JANUARY 1985

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

TOTAL CONTRIBUTORS: 141

2	ABBINANTE, PHIL	IL	1	LEWKOWICZ, ABE	MA	DX302
1	ADDISON, JOE	KS R600	1	LONG, DALE	PA	
2	AINSWORTH, JANET	LA	3	LORD, EARLE	CA	FR67700
1	AKED, ROGER	FR EDDY1650	1	MACBIBBON, BRUCE	OR	
1	ALEXANDER, BRIAN	PA FR67700	2	MACRIE, VIRGINIA	NJ	R2000
1	ALEXANDER, RODNEY	IA IC-R70	3	MARGOLIS, ROBERT	IL	
1	BEAL, BART	WA R4C	1	MATHEW, ABBIE	MA	FR67700
2	BEAVER, WILLIAM	IN FR67700	1	MAXFIELD, DAVID	MI	NRD505
1	BELGHAUS, FRED	NJ ICF2001	2	MAY, RONALD	OH	IC-R70
4	BERRI, JASON	CA RF2900	1	MENDEZ, LUIS	NY	RF1000
3	BINGHAM, FRANK	MA R7000	2	MIYAUCHI, SATOSHI	JP	TS-430V
1	BIRCHNER, DAN	WA	4	MOCKLER, KELLY	QU	
3	BISHOP, FORREST	NY RF4800	4	MOLL, SUSAN	MI	FR67700
5	BLANCHETTE, MARION	FL R600	1	MOORE, ALEX	UK	R7
1	BRADLEY, HERBERT	MA DX302	1	MOSE, ROBERT	IL	
6	BREWER, DON	AR R1000	1	MOUNTAIN, GERALD	??	
4	CADRETTTE, NORM	MA IC-R70	1	MUNSTER, RALF	GA	R7/DR7
2	CAMPBELL, BILL	CT R2000	1	MUZYKA, BILL	NY	RF4900
4	CARD, PETER	RI NRD505	2	MUZYKA, WILLIAM	NY	RF4900
1	CHABAK, MIKE	AZ	3	MCKEON, THOMAS	IN	R1000
1	CHICKERELL, LARRY	WV DX400	3	NACHT, ALAN	NY	R2000
1	CHINSKEY, MARK	NY ICF5900W	1	NEAL, SAM	TX	TS 930S
3	CHITUCK, BRUCE	MD	5	NEUVERTH, MICHAEL	CO	DX400
4	CLAYTOR, DAVID	MI R1000	1	NEWELL, KENNETH	FL	ICF2001
5	COLEMAN, ROBERT	MA	1	NOLL, EDWARD	PA	
1	CONSTANTINIDE, COSTA	SA	3	NOWICKI, MICHAEL	CA	IC-R71A
1	CONWAY, PETER	UK 57J-4	4	PALMER, BOB	WA	IC-R71A
4	COX, JIM	CA R600	2	PERDUE, NEAL	AL	R4B
5	D'ANGELO, RICHARD	PA NC190	2	PRATH, JOHN	FL	IC-R71A
2	DEMMITT, JOHN	PA HOME BREW	3	QUAGLIARI, AL	NY	SP600JX
4	DILLON, PETER	DC DX400	2	ROBINSON, BETSY	TN	FR67700
2	DOWNING, RON	CO IC-R70	1	RUTLEDGE, STEVE	MI	IC-R71
1	DROLLINGER, RICK	WI	5	SABLE, THOMAS	NY	TS-430S
1	EVANS, JAMES	TN RF2200	1	SAMPSON, DANIEL	WI	DX300
2	FARRIS, JOE	LA	1	SAMS, MITCH	KS	
2	FEMYER, MICHAEL	AZ R600	1	SANDERSON, JACK	CA	R1000
1	FISHER, JOHN	MA R2000	1	SCHMAUTZ, SCOTT	NY	
4	FLEISCHAKER, TED	KY ICF2001	1	SCHULSINGER, MICHAEL	OH	FR67
3	FORSGREN, RAY	WI FR67700	1	SHARP, DAVID	FL	HQ129X
3	FRIBERG, JOHN	NH	2	SHARPE, BRYAN	CA	DX302
3	GOLAB, MARC	IL FR67700	2	SHEEDY, DAN	CA	R4B/UC1
3	GOODMAN, JOEL	IA R600	3	SHIMADA, SENSHU	JP	FR67700
5	GRAY, J. SPEED	MI NRD515	1	SHOCKLEY, MIKE	OK	
1	GREENIDGE, NEIL	NY	4	SHREEDHAR, R.	II	
2	GROSVENDOR, NORMAN	CA FR67	3	SMALLWOOD, JAMES	FB	RF4900
4	GUNTER, JOHN	NC R1000	7	SOOMRE, ED	MA	R2000
2	HARDESTER, MIKE	CO R1000	5	SPEER, RICHARD	CA	RF2900
1	HEATON, JOHN	FL	1	SPENCER, JON	MI	DX302
1	HEIN, DONALD	PA	4	STEPHENSON, NORMAN	CA	IC-R70
2	HEINEN, WAYNE	CO	2	STONE, GARY	WA	IC-R70
9	HESCH, RUTH	NY R1000	1	STUART, JERRY	OK	
1	HETHERINGTON, FRED	FL	1	SWEDBERG, ERIC	OR	
1	HEVERN, VINCENT	NY IC-R70	2	SYMINGTON, DARYLL	OH	IC-R71A
1	HOLBROOK, HANK	MD HQ129	2	THIM, WILLIAM	CT	R1000
1	HUFFAKER, CARL	MX HOME BREW	3	THOMPSON, GLENN	NM	FR67
5	HUNT, BILLY	NC	4	THOMPSON, PEGGY	CA	FR67
4	JACKSON, STEVE	IN SW7800	3	THUNBERG, BOB	PA	R1000
2	JOHNSON, MARK	ID DX302	2	TRENT, JOHN	AR	RF2900
1	JONES, DAVID	VA 5-181	6	TROTTO, RON	FL	CR2021
3	JORDAN, GREG	NC ICF2002	2	UNRUH, DONALD	HI	FR67
6	KARNS II, SHERMAN	OK DX400	3	VALENTINE, F.A.	CA	IC-R70
4	KEENAN, DAVID	CA IC-R71A	5	WEBNER, MICHAEL	TX	IC-R70
1	KEPHART, TOM	MI RF2600	1	WEIKEL, FRANK	MI	BE WLDPMN
1	KERR, IAN	UK R2000	3	WELCH, FRANK	MA	ICF6800W

3	KERRIGAN, PATRICK	IL R1000	1	WICKS, CRAIG	MI FR87700
2	KLINGENFUSS, JOERG	FB R7	1	WILLIAMS, JOHN	MN ITT 3010
2	KLOSOWSKI, LORI	FL CR2021	1	WILSON, DAVID	CT
1	KNAPP, JEFF	WV R2000	6	WITTE, MARJORIE	CA FR87
1	KOEHLER, WAYNE	IL	4	WOOD, RICHARD	HI R1000
1	KRIST, KRAIB	VA	4	ZILMER, ROBERT	NM R1000
1	LEONARD, MICHA	ME R1000			

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:
WEST HEMIS/AFRICA/SKEDS/QSL

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:
AFRICA

HI GANG..... Hope your holiday season was a good one...And, thanks to all of you who sent cards. I really appreciate it, although it's not necessary. My postage bill is high enough, so I send out very few cards myself, so you'd best renew RIGHT NOW so that you don't miss any of the upcoming excitement. We'll be presenting all of the specific details next month, but here is a tease for you now...of things to come!

BIG NEWS ABOUT SPEEDX: As mentioned last month in these pages, there are many changes coming to SPEEDX very soon now...as a matter of fact, they are to begin next month. If your subscription is about to lapse, you'd best renew RIGHT NOW so that you don't miss any of the upcoming excitement. We'll be presenting all of the specific details next month, but here is a tease for you now...of things to come!

EXPANDED BULLETINS DURING PEAK DX SEASONS.....NEW COLUMNS.....MONTHLY CONTEST PAGE.....
 A NEW DIVISION OF SPEEDX TO SET UP LOCAL SPEEDX CHAPTERS.....EXPANDED AWARDS PROGRAM...
 NEW MONTHLY SPEEDX REPORTS BY DAVID SHARP ON VARIOUS RADIO STATIONS.....PLUS MANY MANY MORE SURPRISES.

And guess what.....all of this costs you no more than you are paying for now. Remember, all of the major details of the all NEW SPEEDX will be forth coming in February. 1985 is going to be a banner year for SPEEDX, and we want YOU to be a big part of it. So please stick around..... SW DXing has never been this fun before!

SEND ADS TO: Tom Kephart
 P.O. Box 2041
 Mt. Pleasant, MI 48858

SPEEDX want ads...

SPEEDX want ads are printed for the benefit of club members only. No dealers please. Printing of ads does not imply any guarantee by SPEEDX or the want ads editor. Unless otherwise noted, collect calls will not be accepted by advertisers. Ads run on a first come, first served basis, and run for one month only, except by request.

WANTED: U.S.A. state car stickers for Connecticut, Rhode Island, New York and West Virginia, plus any for New York City/Long Island. Prefer type that stick inside car window and face outward, if possible. Unused stickers only! Will pay cost and postage. Larry J. Chickerell, Route 1, Box 262, Fairmont, WV, 26554.

FOR SALE: Kenwood R-1000, \$285. Sony ICF-2002, \$90. J.P. Kana, 260 Huntington Ct., Fayetteville, GA, 30214.

FOR SALE: Radio Shack Frequency Counter, P.C. Board & 6 IC's. More parts required. \$5 postpaid. Wayne Heinen, 4131 S. Andes Way, Aurora, CO, 80013.

ATTENTION ANARC NEWSLETTER SUBSCRIBERS! The second edition of the ANARC Directory is now available as described in the September issue. Single copy is US\$3.00 in U.S.A., Canada, and Mexico, US\$3.50 elsewhere. Prices include postage. Offer available to ANARC Newsletter subscribers. Send orders to: ANARC Directory, 1500 Bunbury Drive, N. Whittier, CA, 90601.

FOR SALE: Sony ICF-7600A, \$75.00. B&W ASW-49 SWL Antenna, \$25.00. Both mint condition. Also WANTED: A current list of USCG aircraft with assigned air stations, etc., to replace old SRGU list. Steve Rutledge. (313) 884-2382 after 2300Z.

FOR SALE: JRC NRD-505, excellent condition, \$550. Yaesu FRG-7, excellent condition with Gilfer mod., \$250. MFJ-1020 active antenna, almost new, \$50. I will pay shipping in all cases. Bill Campbell, 43 Robindale Drive, Plantsville, CT 06479.

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-KY



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