

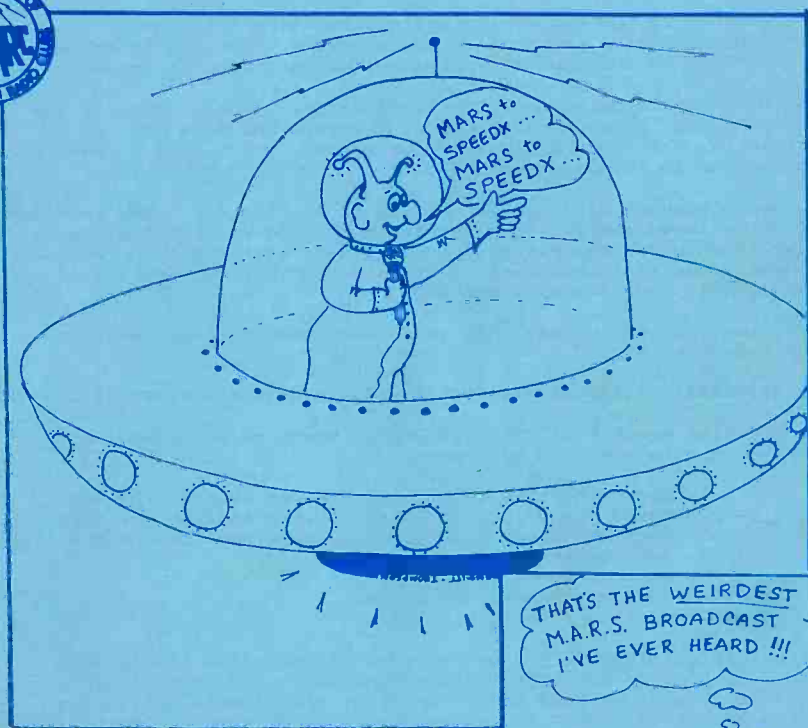
SPEEDX

The DX Radio Magazine for Active SWL's

Volume XV

November 1985

Number 11



THAT'S THE WEIRDEST
M.A.R.S. BROADCAST
I'VE EVER HEARD !!!



<i>dx montage...</i>	4
<i>africa...</i>	39
<i>utility scene...</i>	64



UP FRONT!



TOM KEPHART, Up Front Editor
Post Office Box 2041
Mount Pleasant, MI 48858-6041
UP FRONT DEADLINE: 18th

* Board of Directors News
* ANARC News
* Publisher's Notes
* Last-Minute Information

Letters to Up Front are welcome. They should be limited to no more than 150 words, and must be signed. Letters must also include full address and/or phone number of the author, in case verification is necessary. The editor reserves the right to shorten long letters due to space limitations, although entire letters will be printed whenever possible. The opinions and comments made in Up Front by members are not necessarily those of the Board of Directors, the staff or the membership of SPEEDX, or the editor of Up Front. (tk)

The DX season is upon us now, and I'm pleased to present a 76-page magazine to you this month. It features a couple of changes:

AL QUAGLIERI is the new Africa editor, starting this month.
RALPH BOWDEN is the new Station Skeds editor, starting in December.
RAY FORSGREN is the new QSL Report editor, starting in January.

And to our three outgoing editors, Speed Gray, Chris Lobdell, and Leon Kanopka: From the membership, thanks! And from me personally, it's been a pleasure, gentlemen, and I hope to see your names often in the pages of SPEEDX.

So, begin sending all logs for Africa to Al, and all skeds to Ralph effective immediately. QSLs should go to Leon for the December issue, and to Ray thereafter. Or just send your stuff to Peggy Thompson, our efficient Central Distribution Editor, and she'll make sure it goes where it should.

Okay, that out of the way, now this announcement from President John Trautschold....

The official results of the 1985 SPEEDX Board of Directors election are in and here they are:

1. Tom Kephart 78 votes (4-year seat on the BOD)
2. David Sharp 77 votes (4-year seat on the BOD)
3. Jack Sanderson . 68 votes (2-year seat on the BOD)
4. John Demmitt ... 44 votes
5. John Cereghin .. 39 votes
6. Carl Huffaker .. 20 votes
7. Scott Schmautz . 3 votes

Out of 213 eligible voters we received 113 ballots, giving us a return of some 53 percent. This figure isn't bad (and is approximately what we have had in previous elections), but for as active a club as SPEEDX is, it isn't too great either. What happened to the rest of you?

In any case, we welcome the three elected members of the new BOD. Over the next few months I will be handing my job as President over to one of the other five BODers. As soon as the BOD elects a new President, we'll let you know.

John Trautschold, President

(UP FRONT continues on page 72)

SPEEDX SPOTLIGHTS

THESE SPECIAL DX'ers and SWL's

David Sharp, Editor

17602 Meadowbridge, Lutz, Florida 33549

Deadline: 12th of month

Up until now, I only thought TV had reruns. Apparently, columns do, too. As last month, we only have one new Full Member. Congrats to:

FRED BODENHAGEN....FED. REP. of GERMANY

Many thanks for your fine work, Fred. You earned it!

 We greet 30 folks who've joined (or rejoined) America's #1 SW club.....

Charles C. Boehnke
 Keaau, HI
 (ICOM R-70)

Richard Lemke
 St. Albert, ALTA
 (ICOM R-71A)

David Klopfenstein
 Portland, OR
 (NRC 60 Special)

Phil Finkle
 Northridge, CA
 (Collins 51J4)

Mark Parlmutter
 Billerica, MA
 (FRG-7700)

Richard Coquel
 Park Ridge, NJ
 (NRD-515)

Leigh Armistead
 Iron Station, NC
 (RF-2200)

Richard Gilmore
 Framingham, MA
 (DX-100)

Kenneth MacLeod
 Westborough, MA
 (RF-4900)

William C. Murphy
 Olalla, WA
 (R-2000)

John Wallendar
 Chicago, IL
 (Drake R4B)

Robert J. Ruhe
 Avalon Park, PA
 (DX-400)

Ira Rothenhoefer
 Clubb, MO
 (DX-400)

Andrew Kramer
 Williamsville, NY

Laird Towle
 Bowie, MD
 (DX-66)

Robert Beaudoin
 Bridgeport, CT

Morris Pfeffer
 Fayetteville, NY

John H. Bryant
 Stillwater, OK

W. C. Stevenson
 Thompson Falls, MT

Rob Harrington
 Denver, CO

Robert Thompson
 Fremont, CA

Frank Cook
 Seattle, WA

Sam Maslaney, Sr.
 Pittsburgh, PA

Stevan Davies
 Trucksville, PA

Bob Butterfield
 Hackettstown, NJ

Senshu Shimada
 Tokyo, JAPAN

Robert Keiper
 Downey, CA

Daniel J. Wright
 Lincoln, NE

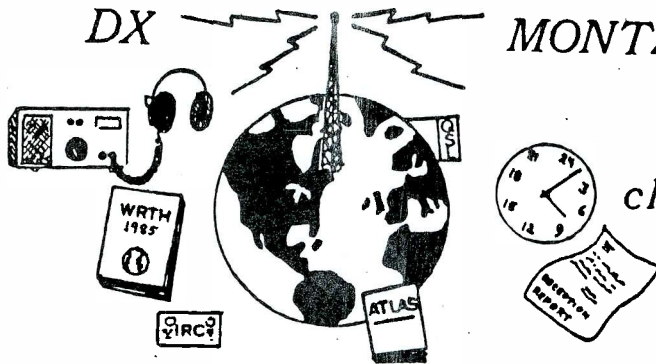
Bob Wakefield
 Moscow, ID

Ron Seller
 Richmond, BC

We continue with DX Montage on the next page....

DX

MONTAGE



club info
contests
humor
fun

david sharp, 17602 meadowbridge, lutz, fl 33549
deadline: 12th of the month

NOVEMBER, 1985

Welcome again to DX Montage. As promised, the results to the Third Annual SPEEDX Shortwave Popularity Poll will be presented. Also, plenty of your contributions, and room permitting, a look at NHK.....

INTRODUCTION: For those of you new to SPEEDX, this poll is designed to reflect current trends in shortwave listening. The results are sent to various radio stations, with the hope the information will be of use to them. This year, 128 SPEEDXers took part in the poll.

INTERNATIONAL SHORTWAVE STATIONS:

- 1. Radio Netherlands: 108 votes.
- 2. Radio Australia...: 91 votes.
- 3. R. Canada Int'l...: 78 votes.

Number of members voting: 128
Total number of votes...: 612

- 4. BBC.....: 67 votes.
- 5. Radio RSA.....: 52 votes.
- 6. Radio Beijing...: 38 votes.

Twenty other stations divided the remaining 178 votes.

TROPICAL BANDS SHORTWAVE STATIONS:

- 1. Afrique No. Un...: 77 votes.
- 2. R. Cultural(TGNA): 48 votes.
- 3. Ecos del Torbes...: 21 votes.

Number of members voting: 108
Total number of votes...: 422

- 4. Radio Rumbos...: 19 votes.
- 5. Radio Columbia...: 8 votes.
- 6. Burkina-Faso...: 4 votes.

51 other stations divided the remaining 245 votes.

FAVORITE PERSONALITIES:

- 1. Jonathan Marks...: 52 votes.
- 2. Ian McFarland...: 49 votes.
- 3. Tom Meyer.....: 30 votes.

Number of members voting: 87
Total number of votes...: 211

- 4. John Beck.....: 15 votes.
- 5. Barry Seeber...: 13 votes.
- 6. Bob Zanotti....: 8 votes.

144 additional votes were divided among 19 other personalities.

FAVORITE PROGRAMS:

- 1. Media Network....: 36 votes.
- 2. SWL Digest.....: 27 votes.
- 3. Happy Station....: 25 votes.

Number of members voting: 64
Total number of votes...: 162

- 4. Musical Mailbag: 11 votes.
- 5. Talkback.....: 8 votes.
- 6. DX Party Line...: 7 votes.

Various other programs split the 48 remaining votes.

THE POPULARITY POLL CONTINUES ON THE NEXT PAGE

M O S T R E L I A B L E N E W S :

Number of members voting: 31
Total number of votes...: 48

- 1. BBC.....: 29 votes.
- 2. Radio Australia...: 10 votes.
- 3. VOA.....: 4 votes.

- 4. Radio France...: 2 votes.
- R. Netherlands...: 2 votes.
- 5. AFRTS.....: 1 vote.

Although this wasn't an official category, many members nominated newscasts for their favorite program. So, those results were put in another category.

M O S T A T T R A C T I V E Q S L ' s : Here again, this was not an official category, but a few members did include random comments with their votes. It seems that the BRT & RSA issue the most attractive cards; R. Beijing and R. Australia also seem to be popular with collectors.

O D D S ' N ' E N D S : Other interesting facts have surfaced from this poll. The most popular religious station, hands-down, was HCJB. DX'ers in ECNA, when monitoring the Tropical Bands, seem to favor the Latin stations, while their western counterparts go after Asians, with emphasis on Chinese and Indonesian regionals. Radio Tahiti was cited as having the best music, and R. Botswana took top honors as having everyone's favorite interval signal. Although R. Earth did not rank, several members said the station would have ranked very high on their list of favorite stations, providing they were on the air. If RE can find a permanent home with KCBI (or some other station), they may become one of the most popular broadcasters on shortwave.

Thanks again to the many members who participated this year. I hope you found the poll interesting and informative...ds.

The "Beeb" Has a Poster For You: The BBC is offering a new announcers poster, which is available for a large SASE. A black-and-white version of the poster appears in the centerfold of the October "London Calling." To get your poster, write to: London Calling, P.O. Box 76, Bush House, Strand, London WC2B 4PH, England. (Courtesy of Lori Klosowski-FL. Thanks also for your letter, Lori. Always good to hear from you. ds.)



A recent DXpedition to Mt. Alto (elevation 8400 ft.) was held by Colorado Area DX'ers. About 20 DX'ers attended and brought their radios and longwires; an overnight campout was enjoyed by some-- while others came for a Sunday picnic. Featured in the photo (clockwise from left to right): Marty Hysom, Ron Downing, Rodney Johnson, Jr. and Jackie Cole. (Via Jac-

queline Cole-CO. Get any good catches, Jackie? ds)

BBC Wants to Improve Image: The BBC refuses to accept advertising on its TV and radio networks, but it has no problems with advertising itself in the media. The BBC, financed by license fees paid by television set owners, was surprised this year when it asked for a rate increase and discovered many viewers and listeners did not think it was worth the price.

It had asked for an annual fee of \$84.50, but had to settle for \$75.40. To improve its image, the BBC hired the Lowe Howard-Spink Campbell-Ewald advertising agency to launch a campaign to "keep license payers better informed of the rich pattern of broadcasting offered to viewers and listeners. (Sept. 15th Hilo Herald Tribune. From: Charles Boehnke-HI. Welcome to SPEEDX, Charles!)

Vincent Hevern-NY critiques the ILG: I recently received my \$85 edition of the International Listening Guide. Since Tom Sable and Ruth Hesch introduced me to the ILG last year, I have found it a marvelous reference and DX aid.

I saw something new which the ILG promises with its next edition. Having averaged 55-65 pages in the past, the cover of the \$85 ILG notes: "The May and November edition is extended to approx. 104 pages, while the March and September edition gives 64 pages. In this extended edition, the World Frequency Survey will be presented in addition with clear and precise computer-generated graphics giving the occupancy of each frequency at a glance.

The cost of the ILG is being increased to \$12.00 (\$14 Canadian or 26 W. German D-M's). Orders can be sent to the publisher in Germany at: DX Listeners Service, c/o Bernd Friedewald, Merianstrasse 2, D-3588 Homberg, West Germany. You may also write to the Canadian representative, Douglas Hopkinson, 1360 York Mills Rd, Don Mills, Ontario M3A 2A2 Canada. I can recommend the ILG without reservation to SPEEDXers. (Thanks for your review, Vincent.)

Australian Stamps Depict Radio: A 33¢ stamped envelope was issued on May 22nd, for the 75th anniversary of Amateur Radio and the Wireless Institute of Australia. The cachet depicts the Morse key transmitter, earphones and a world map (designed by Rowan Smith); the impressed stamp area features a young amateur radio operator (designed by Brian Clinton); multi-color photolithography (Who thought of that word? Hi. ds) by Mercury-Walch, Div. of Davies Brothers Ltd., Hobart, Tasmania. (From Stamps Weekly Magazine. Sent to DXM by John Heaton-FL. Nice meeting you, Jack! ds.)

News From HCJB: After his recent visit to Quito, Ed Soomre-MA passes word that new QSL cards for 1986 are currently being designed. They will feature birds native to Ecuador. Also, if plans went as scheduled, HCJB should be operating a 15 watt QRP transmitter on 11 meters (26020? ds) to relay EE broadcasts. (Maybe if sunspots increase, we'll have a chance. ds)

Cuba Reacts to Marti: Esmeralda is the heroine in a soap opera about a poor blind girl who falls in love with a millionaire. Her story, served up daily by Radio Marti, has attracted a modest following in Cuba. And that represents a modest success for R. Marti, which started broadcasting in Spanish May 20 as an alternative to Cuba's government controlled media.

But after more than five months on the air, R. Marti is causing few political ripples. The Cuban government, which suspended an immigration agreement with the United States in an initial reprisal, has made no further response. The Cubans jam Radio Marti's signal, but it is only slightly distracting for the listener. James Todd, acting chief of the US interests section in Havana, said the Cubans could probably jam the signal more effectively if they wanted to.

The station's Cuban listenership does not appear broad, and many of those who tune in to the news and commentary apparently already were disenchanted with the Castro government. Asked in casual encounters about Radio Marti, dozens of Cubans said they did not listen to it. Many said they considered it to be an insult. A young housewife in jeans, wheeling a grocery cart in a government supermarket, expressed indignation. "It is an offense to us, especially the name," she said.

But in the same supermarket, a 16 year old schoolboy said he liked to hear the Esmeralda soap opera when he could manage to. A retired man in the plaza outside said he knew many people who listened to Esmeralda. "It's catching on with the women," he said.

In its news and commentary programs, R. Marti emphasizes information about Cuba and other communist countries. It puts them in a less favorable light than the Cuban media do. Radio Marti is a special service of the Voice of America. The VOA used to air its broadcasts at Cuba for four hours a day, on the same frequency that R. Marti now uses 14 hours a day. Excerpted from the Milwaukee Journal. Sent to DXM by the "unknown contributor" from Milwaukee. (No gang, that ain't Rick Drollinger, hi! ds.)

WMGO, under the auspices of the NRC, will hold a special DX test on November 11th, 4-4:30 AM Eastern time. They will be operating with 1kW non-directional, on 1370 kHz, with music, tones, and morse ID's. The address for rptn reports is: WMGO, P.O. Box 182, Canton, MS 39046. (Thanks to Wayne Heinen-CO for phoning in this tip. ds.)

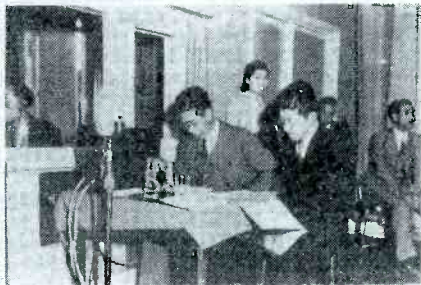
DXM Station Review: NHK: Radio Japan is now entering the fiftieth year of its overseas broadcasting service. Overseas broadcasting became a virtual national policy of the advanced countries of Europe in the late 1920's and early 1930's, as they tried to expedite their colonial policies and publicize their thinking to the rest of the world.

Japan, too, felt the need for overseas broadcasting, particularly in response to demands from Japanese immigrants in Hawaii and the West Coast of the United States. The government also recognized the need to strengthen its image abroad, as it was effectively isolated from the rest of the world after its withdrawal from the League of Nations. With rapid advances in shortwave broadcasting technology, the inauguration of Japan's first overseas broadcasting station was clearly imminent.

It was on the 1st of June 1935 that Radio Tokyo beamed the first of its daily programs in English and Japanese to Hawaii and WCNA (refer to photo on right). On the same day, Japan was also commemorating the 10th anniversary of domestic broadcasting and the new ratings which showed the achievement of 2 million listeners.

Radio Tokyo's initial objective was to supply domestic news & entertainment to the Japanese who were living overseas, while also introducing Japanese culture to the peoples of other countries. As Japan's involvement in China deepened and the world drifted into war, Japan lost sight of this initial objective. The service in course came to be used as a propagandist mouthpiece for the national war effort.

Both the range of languages and broadcasting hours were greatly expanded, and by November 1944, daily transmissions totalled 32 hours, 35 minutes in 24 different languages. The war finally came to an end on the 15th of August, 1945, when Japan unconditionally surrendered to the allied powers, and in the following month Radio Tokyo suspended its activities by order of the Supreme Commander of the Allied Powers Headquarters in Tokyo. (Next month, we conclude our look at NHK. Thanks to Radio Japan for sending us this profile. ds.)



DX'ers Stoneware Coffee Mug Now Available: This limited edition mug is just right for those late-nights when you DX. It has an attractive logo (antenna, radio, and headphones), and is made in America. Available from SPEEDX'er Duke Alexander, 14113 Stoneshire, Houston, TX 77060. Cost in the U.S. is only \$6.00 postpaid; \$8.00 overseas. A neat Christmas gift! (Duke also says his "HamNotes" series will be on R.Earth and HCJB's Saturday DXPL through December. Thanks for the call, Duke! ds.)

U.S.S.R. Handbook Being Offered By URSC: The latest edition, published in October contains the following: The Administrative Divisions and maps of the U.S.S.R., a program chart of All Union Radio, a frequency listing of stations, and schedules of local stations in the Soviet Union. In all, about 130 pages. Airmail cost in the U.S. is \$10.00 (¥2500 Yen), payable in cash, international money order, or postal giro account (Nagoya 0-9087 Keisuke Oda) to: URSC, P.O. Box 14, Gifu-Kita 502, Japan. (Forwarded to DXM by Jack Sanderson-AZ.)

Radio Australia Has Labor Dispute: If you listened to Radio Australia on Friday, September 27th, all you heard was their interval signal. Member William Dickerman-PA provides us with an excerpt from a September 13th Media Network broadcast, which sheds some light on the situation: "Subject to a last minute settlement, the ABC and R. Australia services will be suspended for 24 hours from 14 hours UT, that's today, until 14 hours UT on Friday due to an industrial action by the members of the ABC staff union.

It's basically about the establishment of staff review committees, & union representation on those committees. To date, ABC management hasn't agreed to this, so we have a strike. (The transmitters) will be on the air, and we'll be playing "Waltzing Matilda" and announcements every half hour." (First the BBC, now R. Australia. I wonder who's next??? ds.)

East and West Radio Club to hold contest: This international DX contest will be held from November 14th-18th, 1985, and each participant will receive a certificate with number of points and classification reached. Further details may be received by sending 1 IRC to: EAWRC, c/o Hardy Berger, Eifelwall 46, D-5000 Koln 1, West Germany. (This will probably be of main interest to our European readers...ds)

"Kelpers" to get Argentine Side: The Argentine government plans to broadcast programs in English via a MW station facility of the Patagonia region (in the south of the country), beamed to the "Kelpers" and foreign troops that have illegally occupied the Argentine territory of the Islas Malvinas since 1833.

The reason these transmissions are planned is because the invaders only know the English language and NATO's point of view about the Islas Malvinas, but also must know the Argentine point of view, and just rights of possession on these isles.

The English programs beamed to the Malvinas will be musical, cultural, and informative of the "Argentine actuality." The nearest stations to Puerto Argentino (Port Stanley, ds) is in the Patagonia region. (Needless to say, this was excerpted from LADXR, a DX bulletin published in Argentina. It was forwarded to DXM by John Friberg, Jr-NH.)

FLASDX Going Strong: The first SPEEDX local chapter, "Florida Association of DX'ers," recently held their first meeting, and fun was had by all who attended. Those of you who have written in should already be receiving a periodic newsletter. If not, please send me your address on a postcard, so I can get you back on our mailing list. I would also like to give my thanks to: Dave Browne, Pop Comm, and Monitoring Times, who have given FLASDX extensive publicity during the past months....ds.)

Hudson Kids Talk to Space Shuttle (August 2nd Jersey Observer): The space shuttle Challenger will make spaceflight history tomorrow in Secaucus when crew members attempt to transmit video images to earth with the use of amateur radio frequencies. The Panasonic headquarters in Secaucus will be on the receiving end of transmissions on slow-scan TV. Audio and video images have been broadcast in the past from space, but this is the first time amateur radio frequencies are being utilized.

A number of areas nationwide will pick up TV signals from the space shuttle, but what lends special significance to Panasonic's operation is that it'll be one of the few locations transmitting back. Panasonic has invited area youngsters to communicate with the astronauts; between 30 & 40 young people between the ages of 8 and 15 are expected to participate. (Tks to Luis Mendez-NJ for this. Anyone know how things went? ds)

Scott Schmautz-NY says we should give thanks: Hopefully, SPEEDX'ers were able to catch some of the transmissions from WA3NAN, the Goddard Amateur Radio Club station, as they relayed the air-to-ground communications between the space shuttle Challenger and the Marshall and Houston Space Flight Centers.

The commentary by the Houston Manned Space Center and Marshall Space Flight Operations Center was excellent, and provided some good insight into the sometimes very technical nature of the missions. Reception here in NY has been excellent; 3860 is great in the early mornings, while 7185 is very good in the afternoons. Many thanks must be given to the Goddard Amateur Radio Club in MD for their dedication in retransmitting these very interesting communications. Hopefully, they can continue to do this for future missions. (The broadcasts are indeed very interesting, though I wonder if the upcoming "secret" shuttle missions will be rebroadcast? ds)

Lose Ends Department: Many thanks for the phone calls and letters received here. To those of you I owe a reply, please be patient. My current work schedule isn't always accomodating to catching up on correspondence! Jack Sanderson, our "BM" in Tucson, advises that you can get a list of club supplies for a SASE (HQS address on back cover). SPEEDX has introduced several new aids during the past months, so write for your list today. If you listen to the "SPEEDX Report," be reminded that a QSL card is now available. Send your reports directly to me in Lutz; in the U.S., please include a 22¢ stamp, elsewhere, an IRC should do the trick! ds.

THE CONTEST PAGE FOLLOWS ON THE NEXT PAGE

DXM PRESENTS ... THE CONTEST PAGE

Time to get crackin' with our Contest Page. Reaction to the changes announced last month were favorable, so will be continued on a permanent basis. Needless to say, ideas are always needed here, be it for a completely new contest, or just a question. Also, if you have spare pennants or other radio-related items that you would like to contribute for prizes, then by all means, do so. Everyone who contributes here gets a membership credit.....

GEOGRAPHY QUIZ: Our October mystery country was Burundi. Winner of the new SPEEDX "stick-on" logo is Dave Klopfenstein-OR. Now, this month's country profile: Location: Asia. Population: 13,140,000 (1977) Population Density: 241.71 per sq. mi. Urban Population (1971): 4.0% Languages: Nwari, Nepali, 11 others. Religion: Hindus (90%), Buddhists (9%) Area: 54,362 sq. mi., the size of NC. Topography: The Himalayas stretch across the north, the hill country with its fertile valleys extends across the center, and the southern border region consists of the flat, subtropical Ganges Plain. Armed Forces: 20,000 regulars. T.V. Sets (1973): 8000 Radios (1974): 76,000. History: This country was originally a group of petty principalities, the inhabitants of one of which, the Gurkhas, became dominant about 1769. In 1951 King Tribhubana Bir Bikram, member of the Shah family, ended the system of rule by hereditary premiers of the Ranas family, who had kept the kings virtual prisoners, and established a cabinet system of government. Virtually closed to the outside world for centuries, this country is now linked to its neighbors by roads and an air service. Polygamy, child marriage, and the caste system were officially abolished in 1963. Identify the country, and win a WPLA button.

PIN THE TAIL ON YE ED: We are still continuing last month's competition. What country was the Bank of Communications founded in? Hints: They issued banknotes with radio towers as part of the design. The bank was part of a failed attempt to overthrow their government; radio was used to issue instructions to agents of the conspiracy. The country is located in Asia; this is a country with an international SW service. All correct entries will be put in a box, and the one drawn at random will get a banknote from this bank (mint condition; circa 1935). Good luck!

FOREIGN COMPETITION: Our question for this contest is: What is Argentina's name for the Falklands? Winner to get a WPLA button. Remember, this competition is open only to those members outside the U.S. and Canada.

LANGUAGE ID: Our language last month was Dutch. The words translate as follows: praten-talk, and touw-rope. Apparently, saai has several meanings, but the general definition refers to something "drab, dull, or tedious." Our winner is Peter Dillon-MD. This month's quiz: Identify the language and translate the words, and win some postcards from the Tampa area: preni, cigaredo, bak'isto. Winner determined by random drawing....

That's all for the contest page this month. A final reminder.....when sending in your entry, please print your name and address. Thanks.

No more room, so I guess I'll retire my typewriter for another month. In December, look for the conclusion of our profile on NHK, plus lots of your contributions. I am beginning to run low on material for DXM, so make sure to participate in December, and give this underworked editor something to do (hi!). Until later, Happy Thanksgiving, and remember, cranberry juice doesn't go well with pumpkin pie.

73's + best: David.

CRACKER COUNTRY: Portugese is Spanish with a "French" accent.....



15 YEARS OF MEMORIES...

SPECIAL SPEEDXERS ... HONORARY FULL MEMBERS

by Tom Kephart

(PUBLISHER'S NOTE: This is the first in a series of articles commemorating SPEEDX's 15th Anniversary, which will occur in 1986.)

While all staff members are vital to SPEEDX, there are always those who put an extra effort into their work; service above and beyond the call, you might say. Through their hard work and long hours, SPEEDX has grown to be one of the best SW clubs around.

SPEEDX's way of saying 'thanks' to these special volunteers is to award 'Honorary Full Memberships' to them. This means that they will always be Full Members of SPEEDX, as long as their dues are paid, except in the case of Life Members, who also have their annual dues waived.

For their special service, the following people were honored by the SPEEDX Board of Directors prior to 1985:

ROBERT BODELL: Bob is currently Editor & Publisher of SPEEDXGRAM, but he's also served as editor of Asia/Oceania. He was on the BOD for 3 1/2 years from '77 to '81, including a stint as Vice-President from June 1980 to March 1981.

ALAN W. BROOKS: Alan wrote DX Montage for seven years from 1972 to 1979, and was on the BOD for four years from 1975 to 1979.

BOB BUTTERFIELD: Bob edited Station Skeds from '71 to '73 and Europe/Africa from '73 to '76. He also was a BOD member for one year in 1978-79.

STEVE D'ADOLF: Steve was the editor of Asia/Oceania and Europe/Africa during his time on the staff. He was on the BOD for two years from 1973-75.

OLIVER ELLSWORTH: Ollie was Managing Editor for seven years from 1973-80, also editing the Contributors List for five of those years. Ollie served on the BOD for a little over a year in 1974-75, and he was Vice-President during that time. Ollie died in 1980.

BILL FLYNN: Bill was interim President from the club's founding in July 1971 until the first BOD was elected. He was on the First Board of Directors from 1971-73. Bill was also Managing Editor from 1971-73. He's still a member of SPEEDX.

ART GLOVER: Art, the first President of SPEEDX, served on the BOD for 2 1/2 years. He was also Membership Chairman for five years and Projects Coordinator for a year.

MEL HICKMAN: Mel edited Asia/Oceania and Station Skeds for SPEEDX, a total of 2 1/2 years. He then served as Projects Coordinator for four years from 1978-82.

CLAYTON HOWARD: Clayton was, of course, the host of HCJB's "DX Party Line" for many years. He was honored by the club for his outstanding service to the hobby in general. He is also one of three Life Members of SPEEDX.

DON JOHNSON: Don is another Life Member of SPEEDX. He was editor of Asia/Oceania for seven months, but then came the big jobs! Business Manager for ten years from 1974-84, Publisher for 4 1/2 years from 1974-79, BOD member for seven years, and President for 4 1/2 years.

JOHN KOLB: Jon was the original Technical Topics editor, serving for 2 1/2 years from 1974-76.

CHRIS LOBDELL: Chris is just retiring from his Station Skeds editing post after six years. He's also edited Europe/Africa and QSL Reports for an additional 2 1/2 years. Chris also was an original member of the BOD, and served again from 1981-84, a total of five years, including a year as Vice-President.

PAUL MAYO: Paul was editor of CCC (Utility Scene) for 2 1/2 years from 1971-73. He also filled in on the BOD for six months in 1973. He is still a member of SPEEDX.

DOUG SNYDER: Doug edited QSL Reports from 1973-74 and wrote a

Propagation column for two years in 1976-78. He was also on the BOD for two years in 1975-77.

BILL SPARKS: Bill was a founding member of the club, and served as ANARC Representative during the early years. His duties as representative included writing the ANARC Report for the bulletin. He's still a member of SPEEDX.

DAVE THORNE: Dave was interim Secretary/Treasurer when the club was founded, and served on the First Board of Directors. He was Business Manager for three years and publisher for just under a year. He is a Life Member of SPEEDX.

JOHN TRAUTSCHOLD: John is Membership Chairman of SPEEDX, and will be stepping down in December after ten years on the Board of Directors. He has served for 5 1/2 years as President and 4 1/2 years as Vice-President. He's also edited the Contributors List for 2 1/2 years. He was Editor & Publisher of SPEEDXGRAM for six years from 1973-79, and Publisher of SPEEDX for just under five years.

JIM WHITEHEAD: Jim edited Western Hemisphere for six years from 1971-78. He also was on the BOD for five years, including 1 1/2 years as President.

BOB ZILMER: Bob served as Central Distribution Editor for three years from 1977-80. He's still a very active contributor to a number of columns every month.

The following SPEEDXers were honored earlier this year by the BOD:

SANDY BLAIZE: Sandy was Technical Topics editor for six years, from 1978-84. He served on the BOD for four years, 1979-83.

MIKE CHABAK: Mike edited Utility Scene for four years, 1980-84. He is still a member of SPEEDX, and currently edits "Communications Confidential" for Popular Communications.

VERA CRABLE: Vera was Membership Chairman for six years, 1977-83. She also edited the Contributors List from 1979-80. She is still a member of SPEEDX.

RICK DROLLINGER: Rick is currently Managing Editor, which he has been doing since April 1983. He's also on the BOD, and will be continuing his term into the next two years.

RALPH FAMULARO: Ralph has been editor of Japan Report since November 1984. He has also edited Europe and Africa, for a total of one more year.

ARTHUR GETZEL: Art edited Tips and Topics for over ten years, 1974-84. He's still a member of SPEEDX.

MIKE HARDESTER: Mike was one of four members the BOD honored in 1985 for their contributions to many columns. Mike's been among the top every year in total contributions.

RUTH HESCH: Ruth was another member honored for her many contributions, month after month, as well as her promotion of the hobby and SPEEDX to female DXers.

JACK JONES: Jack is SPEEDX's one and only Awards Chairman, having served in that position since the program began in July 1975. He was SPEEDXer of the Year in 1982.

TERRY LINDLEY: Terry's edited a number of columns for SPEEDX, including Europe (2 1/2 years), Asia/Oceania (6 months), and Technical Topics (9 months). He's still a member of SPEEDX.

MICHAEL MAHONEY: Michael was the first editor of the Special Features Section, later to become Tips and Topics, from 1972-73. He is also still a member of SPEEDX.

DON MOMAN: Don is another regular contributor honored this year. In addition, Don is publisher of "The Messenger", the bulletin of the Canadian International DX Club.

WOODY SEYMOUR, JR.: Woody can also claim to be an original... the only editor of Program Panorama, which began in June 1978. He continues in that role today.

PEGGY THOMPSON: Peggy has been Central Distribution Editor since 1980, a BOD member since 1981, and Vice-President since last October. Her term on the BOD continues for the next two years.

RICHARD WOOD, PHD.: Richard was also nominated due to his regular loggings and DX tips for a number of columns each month. He is also well-known as an author and writer for several SW magazines.

In January, we'll take a look back at old loggings (and editors).

Tom

Product Profiles

News & Reviews

Michael Nowicki N6LUU

Computer Info

Box 32215 San Jose, CA 95152

SPEEDX has asked me to take over the duties of the TECHNICAL TOPICS column and include them here in PRODUCT PROFILES. While I may not be a technician, I will try to answer your questions or refer you to someone who can. If you are qualified to do a tech column please get in touch with Rick Drollinger for the exciting details of editorship.

A SPEEDX local chapter for the Silicon Valley is in the process of formation. If you would like to take part please mail me your phone number and best time to call.

I've received a few letters from members about the Sony 2010. It seems "everyone" is advertising it and will take your money, but can't deliver. The ONLY 2010 I have seen in the flesh was at a consumer electronics show, but none were to be bought there either. If you plan on ordering one, be sure to specify a order cutoff date. I tried to order one over the phone in this manner and the salesman who just minutes before assured me there was no problem, now was saying there might be a few weeks delay. Buyer beware.

BURN IT IN SO YOU DON'T

How often have we chuckled at a cartoon that shows some poor soul having his new consumer appliance blow up exactly one minute after the warranty expires? Maybe you're not so amused because something like that has happened to you?

If you've recently purchased a new radio, computer, or some other kind of device that uses integrated circuits, take out your copy of the warranty and look at the length or term of it. Chances are that it's only good for 90 days. There's good reason for this as most IC chips will fail, if they are going to fail, within the first 100 hours of operation. If you use your radio an average of an hour a day, everyday, you may not hit that 100 hours until the warranty is dangerously close to expiring. Some manufacturers will burn in their systems for a few hours just to weed out the obvious problem cases, but this is the exception rather than the rule with consumer electronics.

When you buy something like this, don't feel you have to baby it. BURN IT IN YOURSELF! Within the first month or less you should put at least 100 hours on the unit to weed out the bugs and save yourself from becoming that poor soul in the comic strip. When I bought my ICOM R71A I left it on after each night of use, overnight. Within a few weeks I was confident that the unit was working properly and not likely to fail due to chip failure. Be sure to try all the special functions like scanning, mode changes, and timers; all of which are controlled by tiny segments. One bad bit of memory could cause trouble in only one obscure place (like the R71's scanning bug), or shut down the whole works. Some chips have custom programming and can only be gotten from the factory.

Recently, my new ATARI 520 ST computer went through the same boot camp and sure enough, blew the DMA chip after only 20 hours. I promptly took it back and exchanged it for a new one and did the same process all over again, this time with no problems. While this process may sound a little brutal, consider the fact that the store you bought your new radio or computer from probably has a showroom demo unit that stays turned on most of the day. Also remember all the hard hours of work you had to put in to afford the price of your new toy.

Paul Donegan of Glendale, Calif. sends us some information on the INTERNATIONAL LISTENING GUIDE.

"While visiting the BBC I came across a computerized paperback publication from West Germany. It is in the English language consisting of 64 to 104 pages about the size of SPEEDX. It lists all international shortwave stations in two sections. Section 1 by UTC and section 2 by frequency, 5.850 to 24.5 Mhz. Also includes schedules for DX programs, news and commentary. It will tell you what station, target area, language of the transmissions and the frequency and times.

I found it to be an excellent pocketable source of information for the traveller or at home use." Cost in the US is \$12 for 4 issues sent first class airmail. Send to Bernd Friedwald, Merian Str. 2, D-3588 Homberg, West Germany.

I recently built the shortwave radio kit available from DICK SMITH ELECTRONICS and it turned out pretty good. It consists of approx. 24 components that mount on a single sided pc board. Everything is supplied except a 9 volt battery, a case, and a coil winding form.

The kit is easy to build. Even a 12 year old child could construct the radio after first becoming acquainted with soldering and component identification. (Quick, run out and find me a 12 year old, hi!) The only critical part is the handling of the static sensitive IC chip, and I recommend buying a socket rather than soldering the chip to the board.

The coil that you wind, used in conjunction with the tuning capacitor, establishes the tuning range. My first coil was 50 turns on a 1 inch piece of coax jacketing and yielded a range from 5.6 to 6.8 Mhz.

The price of the kit is only \$6.95, but no instructions come with the kit. You have to buy a \$6.95 FUNWAYS VOL. 2 book that has the plans for this and dozens of other projects they sell. A section on kit building is must-read material for the novice and will help assure the successful completion of the radio.

It worked the first time power was applied and picked up the BBC, V of Nicaragua, VOA, a Chinese domestic and even a numbers station. The sensitivity is decent and the audio crisp and clear through the supplied speaker. In no way does this six hundred and ninety five cent radio equal the overall performance of my six hundred and ninety five dollar R71A, but it does pull in the stations and is a lot of fun to build and use because you learn how it works. The catalog costs \$2.00, refundable on purchase, from PO Box 8021, Redwood City, Ca 94063.

For years, amateur radio operators have been using beam heading charts to help them project their signal to a desired location or to better capture an incoming signal. Most often, beam heading charts are used to orient the antenna in the direction desired or to erect a fixed antenna that will pick up the signals coming from the desired general direction.

SWLs have been a little slow to see the benefits of having such a chart custom made for them. John Daley KB6JGH, has put together an interesting package at a price of \$9.95, postage included.

What you get is a ten page computerized report with 540 worldwide dx locations calculated from your EXACT location. The data provided for each of these locations includes call sign area, country, city, latitude, longitude, beam heading in degrees, Great Circle Distance in kilometers, statute distance miles and nautical distance miles. That's a heck of a lot of personalized data at your fingertips!

Dozen of sites are listed for the USSR and China, giving the SWL some good information to estimate unknown transmitter sites with. Even if you don't have a big outdoor beam antenna you can still use the information for direction finding bearings, fade in/fade out times and general information. Orders may be sent to John Daley at PO BOX 4794, San Jose, CA 95150-4794.

In last month's column I did a review of the Yaseu FRG-8800. A copy of the review was sent over two months ago to the rep at Yaseu HQ with an invitation to reply and have it printed here. No reply has been received as of this date, so either they agree with my observations or perhaps it's not their policy to respond to reviews. I just hope I won't ever need factory service on my new Yaseu VHF ham radio, hi!

Winter is on it's way and it's the time to check those antennas and feedlines. Old and weathered feedlines can do more to drain your antenna's gain than high SWR.

That's about it for this month. 73!



PSST!

TIPS 'N' TOPICS

JOHN DEMMITT
Box 4, K0848
Bellefonte, PA 16823
DEADLINE: 12th



First I would like to say I am sorry that the photo of BJ the BJ which appeared in the Sept. ed. did not turn out in SPEEDX. Fortunately it did turn out in the other magazines and newspapers which carried the article. We have plenty of information to pass along this time so lets start with a publication that should be in every DX'ers library.

TNT - - - TNT - - - TNT

RADIO DATABASE INTERNATIONAL John Demmitt, PA

The 1985-6 volumes of the International Broadcasting Edition and the Tropical Bands Edition of Radio Database International are now available from: International Broadcasting Services, Box 300, Penn's Park, PA 18943 for the special combination price of \$12.95 plus \$1.95 for shipping and handling or seperately for \$9.95 plus \$1.85 for the IBE and \$4.95 plus 85 cents for the TBE. Overseas and registered mailings will have additional charges.

Editors Larry Magne and Tony Jones did an excellent job in providing DX'ers across the world with one publication that will serve all regardless of the language using a format of graphics on a chart for each page listing by frequency which is then broken into the countries using each frequency and each of those countries shows the names of those stations using the frequencies. Across from each entry is a line showing the time the station uses that frequency on a 24 hour line chart. A key at the bottom of each page shows you at a glance what language the broadcast is in. Additional data such as seasonal, jamming, fading, etc is also provided. A three page lexicon of terms is given at the start of the reference book showing all the terms and meanings found in the book. A chart shows where all the information is found. The print is large and easy to read.

Both the IBE and the TBE have informative receiver and equipment reviews.

Many people well known in the radio hobby such as Terry Kruger, Tony Jones, Ralf Munster, Don Jensen, Jonathan Marks, Ian McFarland, Lawrence Miller, Steven Reinstein and others have worked together to make this a valuable tool for the DX'ing community worldwide. Gentlemen, you have given a reference book that will take much of the mystery out of DX'ing. This is a publication that should be in every library of those interested in knowing what stations can be found on any given broadcast frequency at anytime.

SPECIAL CLANDESTINE CONFIDENTIAL PUBLICATIONS John Demmitt, PA

Gerry L. Dexter, RR4 - Box 110, Lake Geneva, WI 53147 has five publications available direct from Gerry for the price of \$3 each. These publications can be ordered by making a check payable to Gerry L. Dexter at the above address. Publications include:

- ... Clandestine Stations of Latin America
- ... Clandestines of the Middle East
- ... List of Clandestine Station Addresses
- ... List of Stations by Frequency
- ... List of Stations by Time

The following entertainment is provided by SPEEDX'er Kraig Krist who finally spoke the words we have all experienced in real life. (JHD)

Murphy's Laws of SW (... and other musings)..... Kraig Krist, VA

1. Whenever anyone has a vacation to do some DX'ing, signal propagation will be at its lowest.
2. The received signal will go from S4 to S1 whenever the station ID is given.
3. Just as soon as one sits down to DX, someone begins using a hair dryer or mixer.
4. That elusive QSL is finally received, only to find its been mangled by the Post Office.
5. Antennas only fall down on the coldest days.
6. The QSL you've been waiting on has been returned to the station, once again, for insufficient postage.
7. You begin to think a Hax and a SWL are the same thing, since everyone else thinks so.
8. Your radio will be damaged, before the fuse blows.
9. Everyone else has had success with a radio product, except you.
10. No one else is able to hear the ID you swear you can hear.
11. You think you have some HOT DX item, only to find out that everyone else knew about it last month.
12. You listen through static and fading to an unID station for over an hour, only to find out it is Radio Moscow.
13. You send off a reception report and some souvenirs to a station, only to later discover they don't QSL your area.
14. Two or more programs you really want to hear will always be on at the same time.
15. Everyone else can hear pirates and clandestines, except you.
16. The one morning you don't get up early is the morning the station, you've been trying to hear, comes in.
17. You know you've been in the hobby too long when you celebrate New Years and mark time by GMT.
18. No matter what radio you finally buy, there is always one better.
19. Whenever you have saved-up for a new radio, your car breaks down.
20. Thunderstorms only occur close to an area with antennas.
21. The night you don't DX is the night, you later find out, fantastic DX occurred.
22. You receive the QSL the day after you finally send a follow-up.
23. You can't find one part needed to build a kit, even though the instructions claim the kit is made from easy to find parts.
24. The kit you build never works like the directions indicate.

WHAT IS AN ID? Terry Lindley, AL

To me an ID is exactly what the name implies. An identification beyond a shadow of a doubt. Although I have been DXing for about 20 years I still have not hit the Century mark yet in the number of countries logged. I like to log a new country as well as anyone, and have sat up long hours trying to get the elusive dx signal. I have seen loggings in Speedx as well as every other club that are questionable at best. Just because we have a sked for a particular country and you hear them on that freq at the right time that don't mean it is them. Most of you know that many sw stations may be on the same freq at once. Therefore without a positive ID you can't be certain of who you are listening to. I have been trying to log R.Dublin for years on 6910. I have heard them many times, but every time they give the ID something kills it. Usually a hair dryer or a faraway crack of lightning. I have't heard the ID so therefore they will not go into my logbook. I don't think loggings should appear in the bulletin unless they are properly IDed. This is my opinion. Whats yours?

.....
 HOW TO HEAR THAT 'AFRICAN' DX David Sharp, FL

Recently, another article dealing with African DX has appeared in this column. That article brought forth some very relevent points, which I would like to discuss in greater detail.

While African DX can be heard on every meter band, 60 meters, by far - has the greatest concentration of stations from the Dark Continent. On a good propagation evening, scores of stations can be heard, but how does one know if there is going to be a good opening to Africa?

By far, the best way is to check particular stations, to see how they are being received. Africa Number One (4810) usually fades-in here around 2200 or so in the summer. If the station is heard prior to that time, or if the signals are unusually strong, that could indicate better than average openings to Central Africa. For East Africa, I usually check the Voice of Kenya on 4934; if you can manage to "snag" their signal, you can bet top dollar that Tanzania, Uganda, and others will be heard, too. Radio Southwest Africa (3270 and 3295) is always an excellent station to check propagation to Southern Africa; Mali (5995 & 4783 kHz) is a good indicator as to what's happening in West Africa.

Fortunately, my QTH is normally very quiet, so weak DX can usually be heard. However, the antenna you use will make a big difference in what you will, and will not hear. Whether you use a dipole, longwire, or a "super-duper DX scoper," make sure it is jirected towards Central Africa (that will give you best overall reception of the entire continent). From my location in Florida, that means a SE heading, for example.

For my own use, I prefer antennas with directional capabilities; however, that does not mean an antenna appropriate for my listening purposes will suffice those of another. If you like to tinker around with antennas, it would be worth your while to do so. After stringing up different antennas and checking their performance, I finally found a combination suitable for my needs. You will, too. It's part of the fun of shortwave listening!

Finally, one last tip in hearing African DX, and that is patience! All too often, the tropical bands open up for only a short period of time; letting that African DX come through the static. It also goes without saying...conditions can change drastically from one day to the next. The band may be dead one day, and hopping with exotic DX the next.....

If any member has any specific questions or comments related to aspects of African DX, I will be more than welcomed to hear from you. My address is: 17602 Meadowbridge, Lutz, FL 33549-5576.

Upon hearing all of the rave reviews about the Uniden CR-2021/DX-400 receiver, especially when the Uniden went to \$99.00, I decided that it was time to retire the DX-55 which permitted me to hear FIBS and Sao Tome E Principe, but also allowed me many hours of frustration in trying to figure out where the devil I was on the SW dial.

I ordered the Uniden from Grove Enterprises and awaited my "prize". What came instead was a rejection letter telling me that the Uniden went like hotcakes and Uniden had dumped the model. A severe disappointment I can tell you, and I thought Uniden foolish for discontinuing the model.

In any case, that shelved the idea for a new receiver until January, 1985 when Radio Shack dropped the ridiculously high price of \$299.99 to \$199.99 (it is now selling at \$179.95 in their spring sale) as they finally discovered the bargain basement price the Uniden was selling for. I grabbed up the receiver like a shot.

Unfortunately, Radio Shack fell into the trap of listing some frequencies for int'l. broadcasters. As any SWL'er knows, these frequencies are usually long out-of-date by the time the receiver hits the market, and this is the case here. Yet it is a rather effective inducement to get the user to search the dials for some interesting stations. It also lists not only English language broadcasts, but also some sample broadcasts in foreign languages, another way of providing the facts, that not all SW stations broadcast in English exclusively.

Upon turning the receiver on, the radio tuned to 150 kHz, and a good deal of noise I might add. The radio is set up in an interesting manner. The front panel is laid out rather well, with the keyboard entry facilities slightly recessed from the front panel, which prevents the wrong button from being pushed if the radio is laid flat.

However, the power switch is like a toggle switch, and it protrudes from the receiver. It is a good deal like a light switch, and it is very easy to flip on or off, so this is a definite drawback if one wants to travel with the radio (in other words, take the batteries out before you pack away the radio).

The DX-400 is controlled completely through buttons, with the exception of the volume, tone control, antenna tuner, and BFO fine tuning (which are all knobs). There is no tuning knob, and this is a major drawback as if one wants to bandscan, he is forced into using the cumbersome and slow scanning function. It takes up to 4 minutes to complete a bandscan through a single band.

The scanning rate can be preset at either 1 or 3 kHz steps. Using the 3 kHz step is a pain, and 5 kHz would have been much, much better. The 1kHz rate is OK if you have time to waste.

I was glad to see direct entry in this receiver though. The radio is simple to operate in this regard. One simply punches in the frequency and presses the execute bar. The buttons on the keyboard are soft. Unfortunately, one cannot enter the frequency too quickly, and it is a bit difficult to punch in a frequency when the radio is in the upright position. Sometimes, keys pushed do not register because one hasn't pressed the button hard enough.

The DX-400 is supplied with an analog signal strength meter, not with the bargain basement LCD lights the Uniden model offers. This signal strength meter is most useful when using the antenna trimmer to receive optimum performance, however, the meter is not the most accurate I have seen..

Another important part of the DX-400 is the antenna trimmer, which requires manual setting when changing frequencies. This is a bit of a hassle, but it useful for attenuating overloading frequencies like VOFC @ 5985 and VOA on 5995 kHz. It also helps the radio do the best it can with the antenna you have. Here, the signal strength meter is quite handy in helping you find the correct position.

Another nice function is the RF Gain switch, which has three positions labeled "DX", "Norm" and "Local". I almost always leave mine in the DX position, although normal and local are used sometimes when one has a minor overloading problem. However, these positions are useless on the VOFC and VOA overloading indicated above. Even in the "Local" position, the radio continued to suffer overloading.

Now to some serious problems. Firstly, when it comes to installing an external antenna to the DX-400, several problems arise. Firstly, the antenna and ground terminals are recessed rather far back into the radio, making connection of the antenna somewhat difficult. Also, the ground and antenna screw connections are somewhat close to each other.

Upon installation of a 70' longwire, the DX-400 seems to blow it's transistors! All sorts of intermodulation, assorted hash, and other undesirable elements invade the DX-400. Apparently, the folks at Radio Shack knew what they were doing when they threw in the 30' longwire. They felt that with only 30', the receiver wouldn't be overloaded. They were right. Even attenuating the signals down as far as possible still only produced intermodulation of all kinds. It didn't help much that I am located about 2 miles from 5 kw WWVG here in Rochester on 1460 kHz. WWVG is a religious station and I knew something was definitely wrong when I turned to 11840, Radio Moscow's frequency and heard "Back to God Hour".

I disconnected my external antenna and went back to using the other antenna supplied with the receiver. I ordered a Grove Minituner 3, an antenna tuner selling for about \$40.00 from Grove Enterprises. Within a week the tuner arrived and I began using it. This seemed to clean up 85% of the intermod problem, but it also wiped out the DX! No good!

Finally, I noticed another problem which I still haven't figured out how to solve entirely. I use external speakers for my DX-400 and also I have a patch cord to my recording system. I found that when I disconnected the audio patch cord, much of the intermod and hash dissappeared. Apparently, the audio cable was not too well shielded.

When using an audio cable with this receiver, be sure that the cables are well shielded.

Shortwave performance was very good for a portable. I have tuned in FIBS already as well as other DX stations I haven't heard before. However, synthesizer noise is a problem on the lower frequencies, especially on AM/MW and LW. So watch out if you DX the tropical bands.

Also, the radio is prevalent to intermodulation, so unless you live at least 10 miles away from a radio station's transmitters, expect some problems here as the Dynamic Range is below what it could be.

The audio quality of the radio is fair. It does allow for fairly loud listening, but the overall audio quality is compromised by a single tone control knob instead of two independent Bass and Treble knobs.

Overall, the DX-400 is an excellent receiver if you want to spend less than \$300.00. The radio is fairly portable and offers stability, ease of operation in most cases, good audio quality, and excellent SSB facilities. The radio is well suited as a portable, as it is sensitive and fairly selective. However, when using an external antenna, severe intermod problems can make themselves known, and noise levels do increase. As with many other radios in this price range, MW, LW, and FM reception is poor to dismal. Yet at only \$179.00-299.00, the radio offers good value.

My recommendations to you are: if you want a decent, stable, portable with digital frequency readout, and you can install a good ground and perhaps invest in a passive antenna tuner, this radio may very well be for you.

SELECTED SPECS

Reception modes: AM , SSB, FM, CW

Coverage: 150-29999 kHz continuously
87.4-108 Mhz FM

IF: 1st 65.150-65.050 MHz
2nd 10.7 Mhz
3rd 455 kHz

Receiving system: AM Triple Super Heterodyne
FM Single super Heterodyne

Sensitivity: AM 150kHz 5uv luv at 300, 600, 1.4, 3,1, 7.1, 15.1, 28.1 ^{MHZ}

Fine Tuning: +/- 2.5 kHz

Stability: Within 1 Khz per hour after 60 minutes warm-up

Audio Output (8 ohms) 1.8 watts max

Supplied accessories: External antenna cable
AC Cord

HEADPHONE CORDS Tony Kobylski, MD

Have you ever found yourself in this situation? It is the wee hours of the morning and everyone else in the house is asleep and you are being considerate and using your headphones. You are trying to make log entries or take notes for a reception report and that darn headphone cord is getting in the way. The same problem occurs when you have a reference book on the table like the WRTM or the ILG, that cord just keeps getting in the way. Well I have the answer to your dilemma. Put the headphone jack under the table in front of you. This will forever end that dangling problem on your table. Believe me this will help, I did it 4 years ago and have been happy with it ever since.

Here is a list of the materials you will need to rid yourself of this problem. A plug that will fit the external speaker jack of your receiver, a three conductor jack the size of the plug on your headphones, some wire and an external speaker. This is one solution to the problem. Here is the schematic for this circuit.



One other way is just simply to get a headphone extension cord. You can lay the plug on the table next to your radio, route the cord down behind your table and mount the jack under the table in front of you. When you want to use the phones just plug your phones into the jack and the plug into the headphone jack of your receiver. This is by far the cheapest way and the simplest. Let me add one caution to you in using this method. Transistor or IC audio amplifiers don't like to work without a load on them. There is a long technical explanation for this but it can simply be said there is a danger of blowing the amplifier if there is no load on the amp for a period of time.

I have found favor with the first method as is told by me using it for so long. The external speaker often gives you a 10% to 20% improvement in the audio you hear. I have done this on Yeasu and Kenwood receivers and it has been my experience that this is true.

Try my little suggestion and you will find a little help in the shack.

EDXC CONFERENCE Larry McKinney, PA

There were about 160 people from 19 countries at the 1985 EDXC held in Madrid, Spain which listened to speeches and formed groups to discuss areas of interest concerning the radio hobby. Broadcasters from stations such as BBC, RFI, RCI, DW, RFI, HCJB, ORF, VOFC, VOA, R. Beijing, R. Nederlands, R. Sweden, Swiss Radio Intl & Radio Earth were there to answer questions and take suggestions. There was a banquet and a bullfight as well as a lot of new and interesting stations to log.

UN RADIO TO PUNCH POWER Edward Soomre, MA

According to Media Network, United Nations radio has plans for using 250 KW transmitters at worldwide locations on the frequencies of: 11735, 15240 and 15415 KHZ.

RADIO EL SOL Don Moore, IA

Radio El Sol from Lima, Peru on 5970 can be heard many mornings in North America around 1100 UTC. The station will issue a full data QSL for correct reception reports. Director, Gabriel Miro Quesada speaks English and reports may be directed to him.

PARIS CALLING AFRICA Kaessinger, FRG

Mr. Kaessinger who is serving in the USAF in West Germany suggests that SPEEDX'ers try Radio France Intl. program "Paris Calling Africa" as it contains far ranging news on International as well as French and African scenes along with sports and important issues. There are special features on various topics of interest done in an informative and entertaining way to hold the attention of the listener.

HCJB CALLS ON LISTENERS David Klopfenstein, OR

HCJB is asking for any information you may have concerning interference to their signal to North America. All information should be sent to: HCJB, Casilla 691, Quito, Ecuador.

L'Audiometre DISCONTINUED John Demmitt, PA

Gail Mrozak, publisher and owner of L'Audiometre, a French publication has announced the radio magazine devoted to French broadcasting has been discontinued and all subscribers will be receiving refunds on the unused subscriptions. The small readership and demands on time served to cause this action to be taken.

F*B*S PROGRAMS Magic Man, AZ

With relays over Tempe Station and Fith Colum Radio, F*B*S is getting an assortment of programming that includes such things as: sound tracks from the movies Star Trek, Superman, ET, Poltergeist, Time Machine, etc., and great entertainment by Magic Man, Little Dipper, Wildfire and who knows... maybe even the Shadow.

TNT

IN THE NEWS

TNT

BRITISH TRYING TO STARVE PIRATES OFF AIR Ted Gurley, TX

From the Aug. 26, 1985 Electronic Media comes word that the British government is spending 70,000 dollars a month to pay for a parttime crew and ship to watch and report any vessels taking food, water and fuel to the crews on Laser 558, Radio Caroline and other pirate ships that transmits radio programming off the shores of Great Britain.

DON'T DUMP THAT DIAL John Fisher, MA

Found in the Sept. 12, 1985 Boston Globe is an article on Alfred Bauman who owns about 500 radio receivers. When he does not like what he is hearing, instead of changing the station, he changes the radio. (This would be a good argument to convince your wives that you do not have too many receivers. hi.)

EX-FCC LAWYER TO ENTER PLEA BARGAIN Morris Pfeffer, NY

As reported in the May 20th & Aug. 5th editions of Communications Week, a former FCC lawyer has been charged that he issued bogus FCC licenses and permits to telephone companies and radio stations in four southeastern states. He has been charged with 30 counts.

AIR FORCE ABANDONS ANTENNAS Alan Nacht, NY

A 22.7 million dollar communications antenna complex has been cancelled that would have installed 31 antennas ranging from 100 to 300 feet in height across 600 acres in Hawley and Ashfield, MA. The project was dropped when the governor of MA and top officials of farming & environmental agencies joined residents in objecting to the plan. From the Aug. 17, 1985 New York Times.

STATION WANTS TO HEAR FROM LISTENERS David Sharp, FL

The Far East Broadcasting Service is asking listeners to respond to a list of questions so it may effectively present "The Sound Alternative" and listeners are invited to take the questions off the air or write FEBS.

REPAIRS & HOMEBREWS Larry Chickereell, WV

A source of unusual and interesting electronic parts is Herbach and Rademan, Inc.; 401 E. Erie Ave., Philadelphia, PA 19134. Ask for the catalog and monthly mailings.

WORLD RADIO TV HANDBOOK PRE-PUBLICATION OFFER John Demmitt, PA

Gilfer Associates, Inc., 32 Park Ave., PO Box 239, Park Ridge, NJ 07656 has announced that it will sell the new 40th Anniversary Edition of the World Radio TV Handbook to club members for the pre-publication price of only \$15.95, a savings of \$4 from the regular price. In a special offer, a 256 page of reveiver reviews "Radio Receiver-Chance or Choice" is selling for \$18.50 and the publication entitled "Address Book by Gerry Dexter" now sells for \$8.95. An additional savings will be given to those purchasing all three publications. All three for \$40.00. Shipping is \$1.50 for the first book and 50¢ each book afterwards.

NDXE DECALS BEING SOLD Edward Soomre, MA

From Glenn Hauser's World Of Radio comes word that the decals of NDXE are now available at \$1 each. Car decal tags are selling 2 for \$10 and they may be ordered from: NDXE, Box 569, Opa Locke, AL 36801.

A GUARANTEE TO A NOVICE LICENSE John Demmitt, PA

Gordon West, president of Radio School, 2414 College Dr., Costa Mesa, CA 92626 offers "The Complete Novice" that sells for \$49.95 plus \$5 for postage & handling that will literally guarantee call letters if the student simply completes the course that contains cassettes and a couple of easy-reading books.

DX'ING DRIVE-IN MOVIES John Friberg, NH

John followed up on his reported reception of the drive-in movie he heard on his receiver and sent TNT a copy of the QSL which just arrived at his QTH. The Milford Drive-In Radio Station which operates on 640 KHZ using an underground wiring antenna with 5 watts of power had in big letters at the top of the QSL... T.I.S. I wonder John if they might belive they are a Travelers Information Station.

WORLD SERIES ON SW? Bill Romberg, WI

Bill writes after seeing the clipping David Clayton of MI contributed to TNT concerning VOA's Radio Marti broadcasting baseball to Cuba that he wonders if stations such as Japan, Cuba, Italy, etc. will broadcast coverage of the "WORLD" Series. Bill, I am still trying to figure out why it is called the "World" series when only US teams compete.

MFJ-1024 REVIEWED John Demmitt, PA

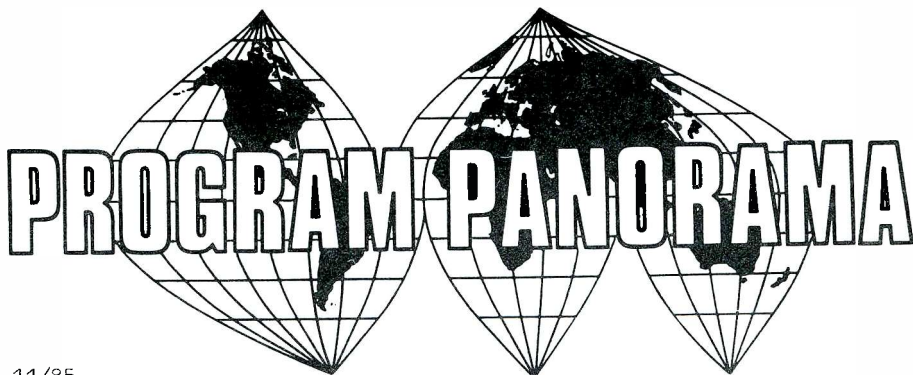
The January 1986 copy of Pop Comm's Communications Confidential has a detailed article reviewing the MFJ-1024 Active Antenna. Anyone interested in active antennas should read this excellent review.

Enjoy your Thanksgiving Day but don't be surprised if you tune in Voice Of Turkey and hear, Gobble-Gobble-Gobble. hi.

73
John



HAPPY THANKSGIVING



PROGRAM PANORAMA

11/85

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

Welcome to November! Next month we hope to have some special Christmas programming information for you.

FRANCE...Radio France International broadcasts PARIS CALLING AFRICA daily in English from 1600 to 1700 UTC on several frequencies. RFI has recently changed the content of PCA, after several years of basically the same lineup. The new lineup is as follows: Mon REVIEW OF THE FRENCH WEEKLIES, SPORTS; Tue DEVELOPMENT MAGAZINE, TURNTABLE, TOP FRENCH POPS; Wed PRESS ON AFRICA/ARTS, LATIN AMERICA NOTES; Thu MADE IN FRANCE, LAND OF FRANCE, SPORTS SPECIAL; Fri DRUMBEAT, ANNIVERSARIES, LITERATURE, CINEMA; Sat SPOTLIGHT ON AFRICA, FOCUS OF FRANCE, EUROPE TODAY or SCIENCE MAGAZINE or WOMEN'S MAGAZINE or GUEST; Sun YAFI(listeners' letters and music), LATIN AMERICA MAGAZINE. (Mike Manderscheid, CA)

UNITED KINGDOM...BBC World Service will have a special program on HALLEY'S COMET this month. The program will trace the history of this famous celestial spectacle on the 5th at 1215, 2330 and 7th at 0330 UTC.....If you like free-wheeling discussion programs, you'll like A WORD IN EDGEWAYS. Host Brian Redhead keeps things moving Sun 2330, Mon 0630, 1000 & 1515 UTC.....THE SACRED CHOIR is a series which features music from the choirs of famous cathedrals in Britain. This month features music from the choirs of (in order) Norwich Cathedral, Lincoln Cathedral, Winchester Cathedral, Westminster Cathedral and (on Dec. 2) Westminster Abbey. Tune in Mon 0145, Tue 0430, 1445 and Fri 0815 UTC.....An interesting new drama series begins this month in the slot to be vacated by DESERT ISLAND DISCS. LONDON BELONGS TO ME is the story of some of the people of different nationalities who live and work in London. Tune in Sun 1915, Mon 0100 and Fri 1515 UTC. (London Calling, November 1985. Thanks to BBCWS)

UNITED STATES OF AMERICA...It has been widely reported that VOA has begun broadcasting a pop music program to Western Europe in English. Patterned after American radio, complete with VOA jingles, the program hopes to attract listeners who were born after the War(II, I guess). Sort of a program for European Baby Boomers. Of course, now can the VOICE OF AMERICA MORNING ZOO be far behind? (WS).....(Carl Huffaker, Mexico): "I was sorry to see that you repeated the inferred criticism of Radio Marti for broadcasting horoscopes(August column). If you listen much to Latin America, especially the local stations, you will realize that many, perhaps most, broadcast horoscopes from time to time. Probably this is frequently enough that such broadcasts can be considered a normal part of radio. Radio Marti is not broadcasting to a handful of dissidents, but to the Cuban people, and, as such, must carry the type of programming that will cause its listeners to leave the radio tuned to the station...Frankly, it's a credit to Radio Marti that its staff knows its intended audience well enough to include the horoscopes in the program." Thanks for your comments, Carl. I hope that you got thru the earthquakes OK.(WS) If your contribution was not included this month, I'll try to include it next month. 73!

WORLD SERVICE**STATION SKEDS****ÉMISSIONS****PROGRAMMI**

new Editor:

TRASMISSIONI**BULLETIN DE PROGRAMMES**RALPH S. BOWDEN
1255 Amethyst Street, Space 30
Mentone, CA 92359**PROGRAMS****ENGLISH SERVICE****SERVIZIO****PROGRAMME SCHEDULE**

Deadline: 12th

COMUNICATI NEL CORSO

Hello folks! It's time to say hello for the last time in the STATION SKEDS column. The new editor is Ralph Bowden whose name and address appears at the top on the masthead.

There are several people who come to mind as I close out my editoship. First, the late Oliver Ellsworth who, as managing editor in 1979 gave me the opportunity to edit STATION SKEDS. Secondly, Don Johnson former president of the BOD for his advice and encouragement. A tip of the hat should also go to Robert Yajko of PA, who until quite recently, never missed contributing to the column in the past six years. That's dedication. To all SPEEDX members and contributors, thanks for your support.

This is the last month of the S85 broadcasting period. The winter D85 period will begin on the first Sunday in November. Send your new schedules into Ralph ASAP. Unless otherwise stated, all schedules are for English programs. All times are in UTC/GMT.

ALASKA. KLNS-Anchor Point. Tentative D85 schedule, effective November 3rd.

0630-0930	6035	English
0930-1200	6025	Russian
1200-1330	6030	Chinese
1330-1500	6145	Chinese
1500-2030	7355	English/Russian

(R. Lemke)

CANADA. Radio Canada International in Montreal. D85 schedule for the USA.

0000-0030	5960	Saturday
	11850	"
0100-0130	5960	Monday thru Friday
	9755	"
0100-0200	5960	Saturday & Sunday
	9755	"
0300-0330	5960	Monday thru Friday
	9755	"
0400-0430	5960	Daily
	9755	"

ARGENTINA. Radiodifusion Argentina Al Exterior (RAE) in Buenos Aires. This schedule became effective in August with no expiration date noted.

0000-0100	6060	Europe/Africa/Am	Portu.
	9690	"	"
	11710	"	"
0100-0200	9690	"	Englis
	11710	"	"
0200-0300	9690	"	Port.
	11710	"	"
0300-0500	9690	Eur/Africa/ME	Spani
	11710	"	"
1700-1800#	15345	Africa/ME	Arabi
1900-2100\$	6060	Americas	Spani
	9690	"	"
2100-2200\$	6060	Eur/Afri/Amer	Englis
	9690	"	"
1000-1100	9690	Far East	Japne
1100-1200	15345	"	"
1200-1300	15345	America	Englis
1200-1400	11710	"	Spani
1800-1900	15345	Eur/Afr/ME	Englis
1900-2000	15345	"	French
2000-2100	15345	"	Ital.
2100-2200	15345	"	Englis
2200-0000	6090	Eur/Africa/Amer.	Spanis
	9690	"	"
	11710	"	"

FOR CANADIANS ABROAD:

0000-0100	5960	Sunday thru Friday
	11850	"
0200-0300	5960	Monday thru Friday
	9755	"
1300-1325	9650	"
	11955	"
1400-1700	11955	Sunday

(D. Klopfenstein)

FINLAND. Radio Finland in Helsinki has this schedule valid until 3-29-86.

1200-1225	15400	North America	M-F
	11945	"	"
1300-1325	11945	"	M-S
1400-1425	11945	"	M-S
1330-1500	15400	"	SUN
	11945	"	"
1500-1530	15400	"	DAI

M-F = Monday thru Friday
M-S = Monday thru Saturday
SUN = Sunday
DAI = Dally (direct)

HOLLAND. Radio Nedeland in Hilversum. This schedule is valid until March 29, 1985.

no room here, start on the next page.

= Thursdays/Fridays only.

\$ = Saturdays/Sundays only. (M. Abernathy)

HOLLAND:
 0130-0225 F9895 North America
 F6020 " "
 0230-0325 B9590 " "
 B6165 " "
 0430-0525 F9895 Middle East
 0530-0625 B9715 Western N. America
 B6165 " "
 0630-0655 F11930 West Africa
 F9895 " "
 0730-0825 B9715 Australia/NZ
 B9630 " "
 0830-0855 B9715 Australia (weekdays)
 0830-0925 M21485 Asia/ME
 M17575 " "
 1030-1125 B9650 Australia/Carrib
 B6020 " "
 1130-1225 F17605 ME/Europe
 F9715 " "
 F5955 " "
 M21480 East/ SE Asia
 M17575 " "
 F15560 " "
 1430-1525 M11735 Asia
 F13770 " "
 F15560 " "
 M17575 " "
 F5955 Europe
 1630-1725 M15570 East Africa
 M6020 " "
 1830-1925 B21685 Cent.&West Afr.
 B17605 " "
 M9540 South&East Afr.
 M6020 " "
 F6020 Europe
 2030-2125 F11740 West Africa
 F9895 " "
 M9715 " "
 M9540 " "

F = Flevo, Netherlands
 B = Bonaire, Neth. Antilles
 M = Madagascar
 (R. Adams)

ISRAEL. Kol Israel, S85 schedule,
 valid until 11-3-85.
 0000-0030 7410 Central Amer.
 9435 " "
 9815 North Amer.
 0100-0125 7410 Central Ameri.
 9435 " "
 9815 North America
 0200-0225 5900 North America
 7410 Central Amer.
 9435 Central Amer.
 (R. Adams, D. Weber)

NEW ZEALAND. Radio New Zealand
 in Wellington. This schedule is
 valid until October 27th.
 0345-0730 15150 Australia
 11780 Pacific
 1030-1215 6100 Australia
 9600 " "
 1845-2115 11780 Pacific
 15150 " "
 2345-0145 15150 Australia
 17705 Pacific

Note: programs beamed to Australia
 also intended for Melanesia (F. Welch)

NORWAY. Radio Norway in Oslo, D85 schedule
 valid until March 1st, 1985.
 0000-0030* 6030 North/Central America
 9605 South America
 0400-0430* 7230 Middle east
 9580 ME/East Africa
 0500-0530* 9590 Middle East
 11865 ME/East Africa
 1000-1030 9590 Far East
 15180 Australia
 17715 South Asia
 15230 Europe/W. Africa/S. Amer.
 1300-1330 6040 Europe
 9590 Europe
 15305 North/Central America
 17770 ME/East Africa
 1400-1430 7210 South Asia
 9530 India/Australia
 15305 North/Central America
 1600-1630 7155 India
 9615 ME/India
 9590 WCNA (alt: 11860)
 15305 East/Central America
 1700-1730 9655 ME
 9655 Europe/Africa
 9590 WCNA
 11850 East/Central America
 1900-1930 7215 Europe/Africa
 9525 East/Central America
 9590 Africa
 2000-2030 6015 Europe/West Africa
 7215 Africa
 9525 West Africa/South Amer.
 2200-2230 6015 South America
 7210 Far East
 9525 West Africa/South America
 English program "Norway Today" heard on
 Sundays only. (* = Monday GMT).

USA. The Voice Of America has the follow-
 ing schedule to the Americas.
 0000-0400 5995, 6130, 9455, 9650, 11580,
 11675, 15205, 15375, 17730
 0000-0200 11740
 (C. Weyrich.)

That just about wraps up this column. If
 you reported via the CDE and didn't see
 your reports here it's because my packet
 from the CDE didn't arrive. You will
 still be getting credit though.

Just returned from a 16 day vacation in
 Switzerland and Austria. Although I wanted
 to visit both the SBC and the ORF, time
 restrictions prevented such. Both countries
 are beautiful. Even though I don't speak
 a word of German, the language barrier was
 no problem. Most everybody speaks some
 English there. Don't forget to bring your
 SW portable too.

Don't forget to support Ralph Bowden
 who takes over next month. Send those
 D85 schedules into him right away.

73/GOD BLESS ALL OF YOU!





WESTERN HEMISPHERE

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

DEADLINE: 12th
TIMES: UTC
FREQUENCIES: KHz

NOVEMBER 1985

Before we get started this month, I'd like to bid welcome to our new Africa editor, Al Quaglieri of Albany NY. Al called me up this morning and filled me in on all the gory details.

Carl Huffaker down Mexico way proposed an interesting idea. Carl wondered if we couldn't organize some form of 60-meter bandscanning unit, to conduct a two-week survey on all the current Latin broadcasting there. It sounds good to me, but we would need a few monitors, say about a dozen who could take part in this. If you're interested in taking part in a 60-meter bandscan, get in contact with me. If we get enough support, maybe we can give it a try.

I got the second part of the Radio Database International books, the Tropical Band Survey the other day. The format of this edition is similar to the other RDI books, but the Tropical Band edition covers stations from 2247-5720 khz. It would seem to be more comprehensive than earlier editions which excluded some stations. Again, this edition is recommended by your WH editor-person, as is the international broadcast edition. The TB edition runs \$4.95, available at a radio shop near you.

I think I'll save the news for last this month, because I'm swamped with reports! 62 of you will make this perhaps the most informative WH in years, so remembering than if no language is given, the station was reported in SS, or PP for Brazil stations, I give you.....

A N T I G U A...BBC Relay

- 6155 0205 SS, nx, cmnty, ID, "Science and Medicine" (555 9/19 Manderscheid CA)
 - 6175 2343 EE, world service, strong echo, about 1/2-sec delay, eerie sounding! // other freqs w/out echo (444 9/17 Chickerehill WV):0430, EE (433 9/25 Bingham MA)+3
 - 9510 0745 EE, "London Scene", "Reflections" (454 9/16 Bingham MA)
 - 6195 1125 EE, "Letter from Scotland", sx nx (333 9/10 Bingham MA)(out of order, sri jc)
- Deutsche Welle Relay
- 6040 *0100 EE, to Nam, nx, "Microphone on Europe" (444 9/13 Bingham MA)(544 10/4 Shamblin)
 - 15105 2311 SS, sx, GG mx, ID "La Deutsche Welle presenta...", GG lessons (444 9/21 Dillon MD)

A R G E N T I N A...Rdif Argentina al Exterior

- 9690 0148 EE, "Man and Ecology", ID, mx, nx headlines (544 9/14 Neff OH)+3
- 11710 0740 SS, soft mx, tx (433 9/15 Knight WA):0200: EE, (444 9/14 Abernathy TX)
- 15345 1231 EE, tx on ecology, tango mx, "Mailbag Time" (343 9/21 Gerstner NY)

B E L I Z E...R. Belize

- 3285 0310 EE, OM w/Governor General talking about coming visit of Queen Elizabeth II, ID as "Radio One" (333 10/4 Shamblin AR):0120 (322 9/16 Hunt NC)

B O L I V I A

- 4755 0255 Remis. Bolivia, LA mx w/enthuastic DJ, IDs (242 9/15 Huffaker MEX)
- 4795 1030 R. Nueva America, beautiful sig this AM, block of ads for everything from vitamins to office furniture, ID "su radio, Nueva America" (343 9/14 Huffaker MX)
- 4945 1037 R. Ilimami, many "LV de Bolivia" promos, "RI" ID @1040 (433 9/14 Huffaker)
- 6105 1130 R. Panamericana, ID, mx, ment of La Paz, keyboard fanfares (444 9/16 Robinson)

B R A Z I L ...remember, Brazil adopted its new 49-meter bandplan October 5th, so some of these freqs may no longer be used jc

- 2420 0805 R. Caraja, tent, tx, accordian mx and Latin string mx (no ID), WRTH shows other Brazilians off at this time. 1st 120mb logging if so! (222 9/1 Reas ONT)

BRAZIL...continued

- 3205 0749 R. Ribeirão Preto, accordion mx, tx, ID on hour as "Ribeirão Preto" (333 9/1 Ross ONT)
- 4755 0809 R. Educ. Rural, tuned across ID "R. Educado", mx px w/TC every minute or two (343 9/2 Huffaker MEX)
- 4775 0817 A Voz d'Oeste, Braz. mx, long-winded DJ, ID "R. a voz d' Oeste" (ID tape considerably easier to copy than normal modulation)(242 9/17 Huffaker MEX)
- 4785 0305 R. Caiari, rel tx/mx, full ID, not good copy, but "caiari" OK (322 9/25 Huffaker MEX)
- 4785 0909 R. Brazil?, rel px into ad block @0930, ID lost in QRN, but at least one of the ads ended "...en Campinas" (232 9/16 Huffaker MX)
- 4805 2309 Rdif Amazonas, pop/EZL mx, ads, TC, ment of Brazilia and other cities, political tx, ID (232 9/14 Dillon MD):1009 (333 9/13 Huffaker MEX)(333 9/6 Forsgren WI)
- 4815 0924 R. Nac. de Tabatinga, Braz mx, reference to Tabatinga before killed by UTE (333 9/14 Huffaker MEX)
- 4825 0201* R. Educadora, lots of fast-talking, ID "R. Educadora em Brasil", soft mx, possible s/off or just lost in RTTY and QRN (222 9/7 D'Angelo PA)
- 4845 0909 R. Nac. do Manaus, usual AM px promoting Amazonas & Manaus (444 9/2 Huffaker MEX):0105 (333 9/8 Dillon MD)
- 4880 0957 R. Acreana, lot of early AM tx, some mx, ID, it looks like they haven't changed frequency yet, also noted 9/30 (232 9/16 Huffaker MEX)
- 4885 0835 R. Clube do Para, full ID ending "Belem, Para, Brazil" (242 9/2 Huffaker)
- 4895 0905 R. Bare, ID, then into early AM px (343 9/1 Huffaker)
- 4905 0908 R. Relógio Federal, ads, time and every minute, ticks on 58, 59, and 00 sec. XEQK Mexico has almost the same format in SS (232 9/1 Huffaker MEX)
- 4915 0852 R. Nac. Macapá, hard to copy thru QRN, IDs (343 9/13 Huffaker MEX)
- 4915 0740 R. Anhanguera, Braz. ballads, ID, promos (343 9/2 Huffaker)
- 4945 0855 Em. Rural, Petrolina, tx, cigarette ad and another ending "en Petrolina", Illimani came on w/mx @0900 and clobbered them (333 9/17 Huffaker)(the RDI TB survey lists this station as A Voz Sao Francisco, in Petrolina w/2kw, 0800-0300 jc)
- 4955 0757 R. Cult. Campos? fairly high QRN, and my ear isn't attuned to PP, but there were a couple of references to Campos (242 9/22 Huffaker)
- 4955 0214 R. Marajoara, tent, soccer match (low-scoring, unfortunately), studio amnts w/ments of Belem, suddenly 0227* (443 9/25 Lowe NC)
- 4965 0014 R. Poti, tent, PP muzak px, old US hits, taped amnts, very low & echoy. This sta never announces much in the PM (323 9/23 Lowe NC)
- 4965 0250 R. Triangulo Miniero, SS EZL mx, light mx, ID "R. Soc. Triangulo Miniero de Uberada", tx ends @0301 (323 9/22 Kustra AZ)(good catch! jc)
- 4985 0454 R. Brasil Central, Braz ballads, full ID (343 9/2 Huffaker MEX)
- 5040 0918 R. Cult. do Para, tuned across ID, into ads (232 9/17 Huffaker MEX)
- 5965 1012 R. Guaiaba, Braz nx, TC, very poor in QRN, fade-out @1029 (242 9/28 Dillon MD) 2320, smashed by RCI-5960 @*2330 (252 9/18 D'Angelo PA)
- 6065 0838 R. Nac. de Amazonia, Brasopops, lots of DJ tx, ads, amnts, ID (444 9/24 Abbinante IL)
- 9580 0210 VOA Relay, SS, wld nx, sx, economic rpt, //11950 (333 9/21 Dillon MD)
- 11745 0153 R. Nacional, EE, new and better sounding IS, *0200, QRM VOA-11740 (323 10/4 Shamblin AR):0200, EE (555 9/16 Hunt NC)(545 9/12 Brown IL)
- 11780 0150 R. Nac. de Amazonia, Braz mx, ID, echo sound (444 9/14 Hunt NC):0040 (544 9/18 Blain CA):2240 (444 9/17 Abbinante IL)(333 9/14 Prath FL)
- 11805 0010 R. Globo, "Futbol da R. Globo", featuring the Flamingo team, complete with player interviews (333 9/5 Forsgren WI)
- 11856 0300* R. Aparecida, mixture of EE/PP vocals, s/off amnts over soft background mx, carrier cut @0300 sharp! (252 9/17 D'Angelo PA)
- 15200 2037 R. Nac. de Amazonia, new freq, //11780 w/sx "para todo do Brasil...Nacional" RN promos & TCs, always enjoyable, and live futbol (v gd 9/22 Sheedy CA)
- 15415 0015 R. Clube Ribeirão Preto, px of lite pops w/quick "R. Clube" IDs, splatter de DW-15410 (222 9/5 Forsgren WI)
- 17815 0015 R. Cult. Sao Paulo, mellow Brasopops, quick ID, deep fades (131 9/6 Forsgren)

C A N A D A

- 6005 2030 CFCX, Montreal, EE, "It's a million \$ weekend on AM 60", rock mx, TC, QRM de BBC Ascension (333 9/15 Dillon MD)(454 9/12 Bingham MA)
- 6070 0240 CFRX, Toronto, EE, old US pops (444 9/14 Hunt NC):1205 (454 9/12 Bingham)
- 6130 1200 CHNX, Halifax, EE, nx, wx, sx, pop mx, ID "CHNS AM96" (232 9/21 Gerstner NY)+
- 6160 0740 CKZU, Vancouver, EE, jazz mx, "Where Ears Meet", several IDs, 0805* w/IDs (353 9/22 Granone NM)
- 6160 1905 CKZN, St. John's, EE, tent "Across Canada...this is the Radio Show", ID, pop mx, book reviews, too far for Vancouver? (222 9/28 Hevern NY):0950 (343 9/23 Trotto FL):ID as CBC Radio (343 9/8 Dillon MD)

more Canada coming up...lots of logs this month plus I'm sort of busy at home and school, Tom, forgive me if this column is a day or two late!

CANADA...continued...BBC Relay

6120 0000 EE, ID, wld nx, "News About Britian" (333 9/10 Dillon MD)
 9510 1106 EE, "News About Britian", "From Our Own Correspondent"(454 9/8 Dillon MD)
 9590 2330 EE, "World Service Top 20" (gd 9/18 Roberts FL)(444 9/22 Grosvenor CA)
Canadian BC
 6065 1210 EE, "Good Morning Quebec", CBC nx, Quebec wx (444 9/14 Bingham MA)
 6195 0450 EE, mx, nx, sx, wx, FF ID, NA. 0510* (555 9/13 Brown IL):0125, EE (544 9/17 Hunt NC)
 11955 1430 EE, "Sunday Morning", //17820 barely audible (555 9/8 Fraser MA)
R. Canada Int'l
 5960 0128 EE, "The World at Six", nx summary (555 9/11 Moll MI):0100, FF (vg 9/22 Roberts FL)(555 9/15 Hunt NC)(454 9/14 Bingham MA)
 9535 0105 EE, nx (544 9/14 Neff OH)(545 9/22 Brown IL)
 9755 0015 EE, "SWL Digest" (444 9/23 Langlois FL):0207, EE (444 9/10 Bingham MA) 2300, EE (444 9/29 Card RI)
 11940 0040 FF, interview w/Madame Lamarche, ID, not //9755, 5960 (444 9/19 Manderscheid)
 11945 2129 EE, nx, wx, "Spectrum", Afro svc (343 9/25 Bingham MA)(555 9/15 Brown IL)
 15260 1840 FF, wld nx, baseball scores (444 9/7 Stephenson CA)
 17820 1848 FF, Canadian political nx (333 9/10 Stephenson CA):2200*, EE (353 9/24 Bingham MA)

C H I L E...R. Nacional

15140 2210 soccer game, ads every other minute! (242 9/28 Stransky NY):1728 (243 9/22 Abbinante IL)(444 9/15 Goodman IA)

C L A N D E S T I N E...R. Quince de Septiembre

5000 0402 usual anti-communist tx, IDs, QRM WWV of course and what possessed them to come on this freq (only noted this night) I don't know (322 9/25 Lowe NC):UNID, but probably 15 de Sept.--0552*, ment of Nicaragua (222 9/27 Hevern NY):5002, 0436, 0440*, anti-Nicaragua tx (323 9/12 Huffaker MX)
 5570 0459 ments of Nicaragua, Sandanistas and revolution, mx, weak sig (232 9/13 Knight WA):0543, undermodulated (343 9/27 Hevern NY)

C O L O M B I A

4785 0333 Ecos de Combeima, late-nite mx, Super IDs, ID (333 9/12 Huffaker MEX)
 4885 1030 Ondas del Meta, ID, start of px for the day (444 9/6 Huffaker MEX)
 4915 0730 R. Sonar, Latin band mx, tent ID, ment. "Sonar" twice (433 9/22 Kustra AZ) (keep working on this them, it hasn't been reported in ages jc)
 4945 1030 CARACOL Nevia, mx, phone conversation, ID "La musica colombiana", guitar mx (343 9/15 Dillon MD):0500 (333 9/22 Kustra AZ)(444 9/25 Huffaker MX)
 4965 0100 R. Santa Fe, under strong het, but got ID, standard LA stuff (pr 9/18 Cereghin MD)
 5095 0500 R. Sutatenza, tx on how to detect breast cancer, CW QRM, Radic. H.S. EE Iesson (444 10/2 Mendez NJ):0448 (433 9/15 Thompson CA):2317 (423 9/28 Dillon MD)(333 9/17 Abbinante IL)
 5975 1029 R. Macarena, LA mx, ID "La hora de R. Macarena", TCs, ads, noticias (444 9/28 Dillon MD):1130 (333 9/25 Mendez NJ)
 6118 1036 LV del Llano, commentary, shampoo ad, ment of Colombia & Bogota, ID, pop mx (333 9/8 Dillon MD)

C O S T A R I C A

4832 0600 R. Reloj, NA, s/on for the day at local midnight, into nx and all-nite px (343 9/18 Huffaker MX):0039 (434 9/8 Dillon MD)(434 9/6 Bishop NY)+3
 4850 0430 R. Columbia, jingle tune repeating "R. Columbia", ID (in SS) "R. Columbia", Costa Rica, for all the world", tx, mx (343 9/18 Carlson WA):0145 (333 9/8 Dillon MD):0634* (354 9/22 Granone NM)(333 10/2 Mendez NJ)+1
 5055 0345 Faro del Caribe, EE/SS, "Songs in the Night", feature was the Christian view of death. Announced EE from 9PM or 0300Z, ann'd //1080, 6175, 9645, 97.1 FM, none hrd. Into SS @0400. TWR-Swaziland IS @0356 QRM (353 9/21 D'Angelo PA):1025, SS, guitar IS (444 9/6 Huffaker MX)
 6006 1215 R. Reloj, lite pop mx, ID "R. Reloj de Costa Rica" (444 9/29 Prath FL)
 6175 1230 Faro del Caribe, ID, tx, slow SS ballads (333 9/30 Trotto FL)(443 10/5 Prath FL)

C U B A...Mayak/R. Moscow Relay

4740 0559 Mayak, RR. IS? ID, nx?, mx. I don't know what they're doing here as there is a weak sig w/a whine on 4765, //4765 (444 9/29 Huffaker MX)
 4765 2353 Mayak, RR, clas. mx. Is the whine on the sideband's satellite? Transmitter? QRM? or my rig? (my bets are on the xmtr, as it's been known to drift and put out spurs jc)(444 9/18 Huffaker MX)
 9600 1143 R. Moscow, EE, quiz px, mx by a Georgian group (544 9/8 Dillon MD)
R. Havana, Cuba
 6100 0110 EE, wld nx, cmnty (fr 9/19 Roberts FL):0026, EE (544 9/19 Blair CA):0438 EE (544 10/1 Neff OH)
 9525 0736 EE, "Latin American Songs" (434 9/21 Blair CA)

C U B A...R. Havana Cuba...continued

9740 0128 EE, tx on South Africa, QRM HCJB on 9745, also hvy QRM on //6140 (333 10/4 Shamblin AR):0000 EE (544 10/5 Valentine CA)(444 9/16 Addison KS)
 11760 0030 SS, cmnty, "Life in Cuba" (444 9/10 Langlois GA):1745, SS (544 10/5 Valentine)
 11795 2105 EE, sx, Cuban mx (544 9/6 Fraser MA)(nf? jc)
 15230 1200 SS, political cmnty, QRM, ID (444 10/2 Mendez NJ)

R. Rebelde

5025 0400* SS, off mid-sentence after ID/TC (433 9/12 Huffaker MX):0235 (534 9/14 Abernathy TX):1120, coming in like a local (444 9/25 Mendez NJ)

D O M I N I C A N R E P...R. Clarin

11700 2025 SS, mx, ID, sig. very distorted (322 9/28 Hunt NC)

E C U A D O R

3260 0216 LV del Rio Carrizal, under hets and QRN, mainly EZL Latin stuff, ID (pr 9/19 Cereghin MD)(222 9/14 Forsgren WI)
 4772 0510 Em. Atalaya, mostly modern LA mx, "Juventude" IDs- this is their Sat. nite px (433 9/1 Huffaker MX)
 4795 0150 LV de los Caras, bouncy HC vocals, fast talking OM w/dedications, also one fast ID, persistant het trouble (322 9/14 Forsgren WI)(343 9/12 Huffaker MX)
 4800 0145 R. Popular, many 'atencion's w/ments of fiestas, promos "em Radio Popular", many saludos (333 9/14 Forsgren WI):0607 (444 9/9 Huffaker MX)
 4820 *0855 R. Paz y Bien, class. mx until 0903 s/on w/full ID & NA (444 9/2 Huffaker)
 4870 0227 R. Rio Amazonas, non-stop mx, 3-minute selections (reconstructed 78's?) amnt for 0248*, ID "Rio Amazonas" and gave QTH as Macas (they have a studio there) (333 9/25 Huffaker MEX)
 4890 1131 R. Centinela del Sur, "Revista Noticivo Los Andes", TCs, nx (333 9/6 Huffaker) 0204 (333 9/15 Frank ONT)
 4910 0306 Em. Gran Colombia, basketball (a short "burrrr" for the shots instead of the "goaaaaal" in futbol) (444 9/7 Huffaker MX):0126 (343 9/15 Dillon MD)
 4920 0220 R. Quito, ad for lottery, cigarettes, "Noticiero Banco del Pichincha", nx //4910 basketball (see log above jc)(444 9/7 Huffaker MX)+2
 4960 *1042 R. Federacion, SS/lang, NA, ID, px in ?lang (444 9/6 Huffaker MX):0158* (343 9/22 Frank ONT):1045, Quechua, QRM de R. Beijing JJ svc (222 9/15 Dillon MD)
 4990 0424 R. Bahai, tx on "matrimonio Bahai", lost audio @0427 (343 9/25 Huffaker MX)
 5015 0212 Esc. Radiofonicas Populares, "musica de nuestra patria" (but quite different from HCJB), full ID (333 9/12 Huffaker MX):0105 (333 9/15 Frank ONT)
 5040 0130 LV del Upano, great 3/4-hour ID "LV del Upano en la banda internacional de 60 metros en la frecuencia de 5-0-4-0 kilohertz, desde Morona Santiago" (gd 9/14 Sheedy CA):0155* (444 9/21 Forsgren WI):0157* (343 9/7 Huffaker MX):0151 this station a surprising regular here these days (fr 9/14 Cereghin MD)
 5050 0021 R. Jesus del Gran Poder, IDs, ment of Quito, UTE QRM, tape of Pope's visit to Ecuador (333 9/22 Frank ONT):0947 (343 9/2 Huffaker MX)
 5055 0210 R. Catolica Nac. 0215*, ID, rosary, closing remarks, NA (433 10/3 Mendez NJ) 0211* (343 9/12 Frank ONT)
 5063 0230 R. Nac. Progreso, generic LA pops w/echo, "Nacional musica", good HC/OA evening! (333 9/14 Forsgren WI)

HCJB

6095 0250 EE, "DX Party Line", splatter from RHC-6100 (433 10/1 Blair CA):0524 EE (333 9/16 Bingham MA)
 6130 0828 EE, to the Pacific, "Thru the Bible" (222 9/16 Bingham MA)
 6210 0720 EE, "guidelines for Living" (454 10/3 Bingham MA)
 9745 0230 EE, "DX Party Line" (344 9/14 Hawk VA):0100, EE (555 9/18 Trent AK)://15155 (gd 9/20 Roberts FL):QRM-RHC 9740 (434 10/4 Shamblin AR)+5
 9860 0830* EE, "Dicipleship Hour" (353 9/9 Bingham MA)
 11740 1230 EE, "Happiness Is" (454 9/6 Fraser MA):1308 (353 9/14 Bingham MA)
 11910 0154 SS, radio drama, ID "A Traves de la Biblia" (555 9/19 Manderscheid CA):0059 EE (454 9/11 Bingham MA)
 15115 1259 EE, to the Americas, "The Bible for Yoy" (333 10/3 Bingham MA)
 15170 2226 EE, "There is no peace in this world without Jesus" (555 9/21 Trent AK)
 15270 1914 EE, "Musical Mailbag" (333 9/28 Bingham MA)
 17790 2200* EE, contemporary Christian mx, tx abt New American Standard Bible (444 9/12 Bingham MA)
 17890 1425 EE, "Thru the Bible" (454 9/10 Bingham MA)
 21475 1945 EE/Nordic, "World of Science", into Nordic (444 9/22 Sable PA)

no room for Falklands here...I've started studying for my novice amateur license, hopefully will have it by xmas, I finally gave in after 9 years!

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

3958 0524* EE, countdown of top English rock tunes, ID "This is the Falkland Is. Broadcasting Station...back on the air at 6AM", NA, s/off (322 9/22 Carlson WA):0414, EE, BBC WS relay (232 10/4 Shamblin AR):0912 (232 9/27 Thompson CA)

F R E N C H G U I A N A

5055 *0900 RFO, FF, mx, some nx, loss of propagation by 0945 due to daylight (444 9/14 Card RI)(333 9/14 Huffaker MX)

R. France Relay

5950 *2158 FF, IS, s/on w/ID+ sked, mx, nx. It's a shame they use the freq of GBC-Guyana (RDI lists this as France, but this xmsn is not listed jc)(gd 10/5 Thunberg PA)
 6055 0417 EE, "Focus on France" (444 9/22 Bingham MA)
 9800 0436 FF/EE, wld nx in FF, into EE nx, ID, clear, strong sig (444 9/26 Hevern NY)
 - 0313, EE (455 9/28 Shamblin AR)(454 9/22 Bingham MA)
 11995 0200 PP, mx, tx (444 9/14 Hunt NC)

G U A T E M A L A

2390 0030 LV de Atitlan, very unusual condx on 120 this nite, as an unid time sta was also coming in on 2500 over WWV. First thot this might be Huaycoctla, but this was on day of earthquake, so that seemed unlikely, as I figured they might not have survived. A series of marimba tunes, clearly Guatemalan started up around 0045 and ended at 0107. These were the same kind of tunes you hear on LV de Nahuala-3360. Full ID, NA, and 0109*. All this during a geo-storm. Very unusual catch! (pr 9/20 Cereghin MD)
 3300 0525 R. Cultural, tx, some local mx, ID "En Guatemala transmitiendo de Central Americal", clas. mx (332 9/17 Abbinante IL):0220, EE (534 9/16 Hunt NC):1030 SS (444 9/13 Robinson TN)(242 9/17 Goodman IA)(333 9/28 Shamblin AR)
 4825 2213 R. Mam, lang here is Mam, px chiefly marimba mx, off w/full ID in SS with marimba mx, breaks at 2300-this is normal sked (343 9/17 Huffaker MX):2330 SS/Indian (222 9/27 Forsgren WI)
 4835 1045 R. Tezulutlan, ?lang, relg px in Indian lang w/usual scattering of SS words (444 9/14 Huffaker MX):0005, SS, relg px (333 9/15 Dillon MD)(322 9/6 Forsgren WI)

G A L A P A G O S I S...LV de Galapagos (out of order, sorry! jc)

4810 0131 SS, Sunday nite, Peruvian off. TC ".en Galapagos", church amnt, full ID. Fantastic sig, at times 4 on the meter, relg ceremony (343 9/30 Huffaker MX)(good catch Carl. Dan Sheedy and Mike Hardester were wondering about this station being active a few months back. I think this will clear up any questions jc)

G U Y A N A...GBC

5950 0924 EE, gospel mx, ment. of Missionary Baptist Church, ID "From the republic of Guyana, it's Deliverance Time", QRN (343 9/8 Dillon MD)

M E X I C O

6115 0030 R. Univ. de Sonora, tx, some mx, tx abt babies (443 9/28 Miller CA)(444 9/12 Thompson CA)
 9705 2330 R. Mexico Int'l, continous rpts and info on quake, many names and phone numbers, //15430 (444 9/21 Prath FL):0100, 9702 (333 9/26 Mendez NJ):0710 (444 9/23 Trotto FL)
 15160 1740 LV de la America Latina, earthquake nx (322 9/22 Abbinante IL):2005 (433 9/29 Blair CA)
 15430 2235 RMI, political speech on Central America til 2400, and still going strong! (434 9/7 Kustra AZ)

I have a report of the DW Relay from Montserrat on 9545 @1638 in GG. This is from Germany at this time. The Montserrat relay is on 0100-0145 in EE jc

M O N T S E R R A T...Deutsche Welle Relay

11705 0501 EE, wld nx, "Microphone on Europe", co-chan QRM, wavery sig (232 9/24 Hevern NY)

N E T H E R L A N D A N T...R. Netherland Relay

6020 1125* EE, "Media Network" (444 10/3 Bingham MA)
 6165 0230 EE, "Media Network" (333 10/25 McKinney PA):*0530, EE (555 9/15 Thompson CA):0626*, EE (454 9/16 Bingham MA)
 9590 0302 EE, cmnty, "Dutch Diary" (544 9/26 Weyrich MD)(555 9/16 Hunt NC)+1
 9715 2111 EE is Madagascar jc
 17605 1902 EE, "Images", "Dutch by Radio" (353 9/10 Bingham MA)
 21685 1831 EE, "Newsline", //17605 (233 9/21 Gerstner NY)

Trans-World Radio

11815 1230 EE, "Morning Songs for Kids" (544 9/21 Gerstner NY):1113, EE (544 10/2 Neff OH)(454 9/14 Bingham MA)(534 9/8 Abernathy TX)

H A I T I...4VEH...misplaced, or really missorted, as is Honduras below...
4930 0915 FF, relg mx, ID, tx abt. relg life (444 9/8 Dillon MD):0850, FF (344 9/24 Abbinante IL)

H O N D U R A S

3250 0332 R. Luz y Vida, SS/EE, ID, address in EE followed by canned relg px (242 9/29 D'Angelo PA)
4820 0156 LV Evangelica, Cadena Nacional, //3251, 6076, taped amnt on border crisis until Presidential speech @0333, which was QRMed by Botswana's cowbells (343 9/14 Huffaker MX)(interesting catch Carl. I assume there is some form of a national network, which includes Luz y Vida, Evangelica and Junco. I believe this is the first report of such a Honduran network. jc):0028, SS (343 9/8 Dillon MD):0315, SS (433 10/2 Mendez NJ)

now that I got that out of the way, we'll pick up where we left off with N I C A R A G U A

6015 0515 LV de Nicaragua, EE, pop mx, nx, ID "The Voice of Nicaragua, The Voice of Freedom" Much better sig than R. 15 de Sept.-5570 on at same time (probably because LVdN uses much more power than R. 15dS jc)(344 9/13 Knight WA):0123, EE, (323 10/4 Shamblin AR)(433 9/25 Abbinante IL)(322 9/16 Brown IL)
6121 1130 R. Zinica, "Alcohol Anonymous" px started @1205 on Sunday (343 9/8 Abernathy)

P A R A G U A Y...R. Nacional

9735 0155 SS, class. mx, slight QRM, no ID @0200, just continous oprea (222 9/28 Abbinante IL)

P E R U

3220t 0842 R. Ayachuco, very nice Andean inst'l/vocal mx, OM w/ads/TCs @0900, ID that sounded like "Ayachuco"(burst of QRN nearly buried it), TCs/pips, more mx (242 9/27 Thompson CA)
4762 0522 R. Inca, OA mx, ID "Inca" (343 9/7 Huffaker MX)
4775 0249 R. Tarma, long tx, "...nuestra emisora en Tarma..." bad hets all around (322 9/25 Lowe NC)(333 9/1 Huffaker MX)
4790 *0914 R. Atlantida, NA, ID at s/on (333 9/2 Huffaker MX):0445 (222 9/18 Abbinante)
4810 1003 R. San Martin, ad block, ID (343 9/6 Huffaker MX)
4825 1014 LV de la Selva, OA mx, TCs, ID (333 9/2 Huffaker MX)
4840- 1056 R. Andahuaylas, OA mx, ID while fading (232 9/22 Huffaker MX)
4885 1102 R. Huancavelica, ad block including Ray-o-Vac and tourism school, TC/ID (333 9/14 Huffaker MX)
4935 0353 R. Tropical, mx, ID "R. Tropical en Tarapoto, departamento de San Martin" (343 9/2 Huffaker MX)
4951 0130 R. Madre de Dios, noticias, then lengthy px of saludos, many IDs (222 9/21 Forsgren WI)
4965 0904 LV de Cutervo? caught tail-end of a s/on ID that referred to NA of Peru, OA mx and an enthusiastic DJ that referred to almost everything as Peruana, but no ID, blanked by carrier @0943 (242 9/22 Huffaker MX)
4975 0313 R. del Pacifico, class. mx (444 9/7 Huffaker MX)
4990 0453 R. Ancash, comedy/ad con mx px "Rumbo a la Medianoche", many Ancash IDs, power increase is obvious- beats Barquisimeto almost every night (gd 9/11 Sheedy CA):0430, px "Variedades Musicales", ID "R, Ancash un voz en la corazon de los Andes" (444 9/2 Huffaker MEX)
4995 0948 R. Andina, OA mx, dedications, shouted ID (343 9/6 Huffaker MX)
5010 0935 R. Eco, OA mx nonstop, break-in TCs (343 9/2 Huffaker MX)
5025t 0155 R. Quillabamba, LA pops, ID, US pops after 0200 (353 9/30 Sampson WI)
5030 0201 R. Los Andes, ads, IDs "R. Los Andes, la emisora intercontinental!" and with this kind of signal, they probably are (444 9/25 Lowe NC)(343 9/25 Huffaker MX)
5040 0403 R. Libertad de Junin, soft mx and soft tx (late-nite px), IDs over Blue theme (333 9/8 Huffaker MX)
5045 1122 R. Rioja, OA mx, ID, fading (333 9/6 Huffaker MX)
5060 0353 R. Amazonas, Andes-type mx (433 9/7 Bishop NY)
5120 0255 R. Mundo, rustic OA vocals complete w/"yippping", excited OM yelling "Radio Mundo" now and then. Very weak (131 9/14 Forsgren WI)
5272a 0200 R. San Juan, folklorico vocals, weak in noise. Presumed to be the one here until I can dig out an ID (232 9/26 Lowe NC)
5325 0300 R. Acobamba, tent. great OA mx, presumed this w/many saludos to Acobamba. Very weak also (121 9/14 Forsgren WI)
6297v 0254 R. Chota, SS version of US pop songs, quick "R. Chota" ID, LA ballads, full ID "...R. Chota, onda corta programa...", amnts, NA, 0311* (fr 9/25 Thunberg PA)
6724v 0245 R. Satellite, lively OA mx, TC, "...en el estudios de Radio Satellite" (222 9/14 Forsgren WI):0034 (322 9/26 Lowe NC)

great Peruvian month...Pirates begin on the next page

P I R A T E S

- 7427 0118 VOLester, EE, Dixieland mx w/odd anncr (most pirate announcers fit into that category jc) Said QSLs from the bulletins... "We'll be watching!" (I hope they don't think they'll use my column as a QSL bureau. I'll not soil my column with such activities, so they can forget that right now jc)
 Dixieland & dance mx, 0139* (444 9/7 Fleischaker KY)
- 7429 0150 R. Deadman, EE, usual rock mx, followed after VO Lester. Maybe same xnter? (434 9/7 Fleischaker KY)
- 9510 2018 R. Clandestine, EE, lots of pop mx, odd look at life px, incl. man about to jump into a large pit, ID (my first pirate log!)(gee, I'm sorry to hear that jc)(433 9/22 Chickerell WV)

U N I D

- 5022 0123 SS, EE pop/rock mx & SS pops, tx in SS, muffled audio, unable to catch ID due to bad audio, presumed Latin (444 9/6 Ross ONT)

U N I T E D S T A T E S . . . A F R T S

- 6030 0045 EE, baseball: California vs. Kansas City (534 10/2 Blair CA):0438 EE (344 9/28 Shamblin AR)
- 6125 1245 EE, CBS sx (343 9/30 Trotto FL)
- 11790 2300 EE, sx, ID, world nx (gd 9/18 Roberts FL)
- 11805 1419 EE, ad for savings bonds, Mutual-ABC-CBS nx (454 9/28 Weyrich MD):1556 EE (444 9/30 Neff OH)(434 9/22 Hunt NC)
- 15330 2050 EE, football: Miami vs. Denver (423 9/29 Blair CA)
- 15430 2100 EE, "All Things Considered" (555 9/2 Kaessinger FRG):1612, EE (gd 9/21 Roberts FL)

KCBI

- 11790 1600 EE, sked is 1600-2000, ID, church service px (434 9/15 Bishop NY)+4
- 1836 R. Earth Relay, EE, looking forward to some Radio Earth px, but found only KCBI mx filler, amnt @1845 "Attention Radio Earth listeners. The Radio Earth program is not available. It will return next Sunday at 1800-2100 GMT" Disappointment! (my choice of words would be "bummer!" Let's hope it doesn't happen again jc)(353 9/8 D'Angelo PA):1905, EE, excerpts from SPEEDX (ahh, class! jc)(433 10/6 Freeman AZ)(555 9/29 Dickerman PA)(Miller CA)+1
- 11925 1810 EE, WRTH ad, "Sweden Calling DXers", QSY to 11790 in middle of px! (444 9/29 Dickerman PA):1750 (333 10/8 Stuart OK)
- 11935 1825 EE, px w/Mike Poulos. Note: 11935 w/R. Earth until 1900, then 11790- (555 9/28 Neff OH)

KCEI

- 9695 1400 RR, ID, location, RR ID, into relg px (444 9/19 Trotto FL)
- R. Marti
- 6075 1140 SS, nx situation in Cambodia, Philippines, Uruguay... (444 10/2 Mendez NJ)
- 9660 0030 SS, noticias, IDs, correspondents reports, strong QRM de R. Rumbos. Cubans don't need to jam this freq (Rumbos does it for them, eh? jc)(323 9/22 Dillon MD)

UN Radio

- 9565 1015 EE, px on UN activities, on 40th Anniversary- failures and successes, to Asia (444 9/21 Valentine CA)

VOAmerica

- 6030 0422 EE, tx on American productivity, ID (433 10/5 Neff OH)
- 9455 0030 EE, "Caribbean Report" (222 9/28 Stransky NY)(444 10/1 Weyrich MD)
- 9650 0035 EE, Special EE nx, followed by "Science Report" //5995 (vg 9/19 Roberts FL)
- 9760 1215 is from the Philippines, at 2010 is from England jc
- 11740 0153 EE, "Report to the Americas" (544 10/4 Shamblin AR)
- 11950 0135 SS, sx, financial nx, ID, world nx, TC (343 9/21 Dillon MD)
- 15205 0130 EE, ID, world nx, //11740 (fr 9/19 Roberts FL)
- 15415 2200 EE, world nx, mx (322 9/15 Brown IL)
- 15580 1905 EE, world nx, "Africa in Print" (vg 9/22 Roberts FL)

VOthe OAS

- 11830 *2345 SS, IS, ID, freq, QTH, mx, tx on Mexico, LA mx (434 9/21 Dillon MD)
- 15160 0021 SS, piano mx, ID, EE ID, 0030* (343 9/16 Dillon MD)

WRNO

- 7355 0230 EE, "Worldwide Dedication Show", 0300* (454 10/4 Shamblin AR)+1
- 9715 1331* EE, "World of Radio" (454 9/22 Bingham MA)
- 11965 1508 EE, "Dick Clark's Rock and Roll" (454 9/14 Bingham MA)
- 15295 1930 EE, church worship px, ID + addr (454 9/22 Keenan CO)
- 15420 1703 EE, ID "We're WRNO, FM 100" 60's rock mx (333 9/10 Bingham MA)

WYFR

- 5985 0110 VOFree China Relay, EE, nx, cmnty, ID, "Main Roads and Byways", "Mailbag Time", "Let's Learn Chinese" (544 9/22 Dillon MD)
- 6065 0230 VOFC Relay, EE, tx, "People at Work" (fr 9/22 Roberts FL):0128, EE (555 9/17 Brown IL)
- 15170 2330 EE, relg nx, relg mx (444 9/12 Langlois FL)
- 15370 1750 EE, relg px, hymn, UPI nx, IS, ID (544 9/14 Neff OH)

UNITED STATES...WYFR continued

15440 1855 EE, reading lesson in slow EE, amnt in FF, mx, sermon. Periodic strong QRM from VOA-15445, severe het (322 9/13 Kaessinger FRG)

VENEZUELA

- 4770 0348 R. Mundial Bolivar, vocal mx, "Munidia!" ID, suddenly 0353*, moderate QSB (333 9/22 Hevern NY):0052, haven't been able to log them in a long time due to Mayak spread (333 9/14 Huffaker MX):2339 (333 9/15 Dillon MD):0200, TC for 9:59 PM @0159 (333 10/3 Mendez NJ)(433 9/13 Prath FL)
- 4780 0350 LV de Carabobo, killer romantic mx px "Una Cita con El Amor", a lot louder than usual (vg 9/28 Sheedy CA):0344, I think they've been off- I wasn't able to log them before the earthquake, 0400* (433 9/28 Huffaker MX)
- 4840 0015 R. Valeria, ads, promos, TC, "Ocho Quince", ID w/phone # (333 9/25 Prath FL):*1029 (333 9/1 Huffaker MX)(252 9/7 D'Angelo PA)(333 9/15 Dillon MD)
- 4850 0634 R. Capital, audible after R. Columbia s/off, US rock mx, ID "el Capital" (233 9/22 Granone NM):0907 (343 9/4 Huffaker MX)
- 4970 0420 R. Rumbos, OM w/"Radio Rumbos Musical", 9660 was stronger & clearer (233 9/28 Shamblin AR):2318 (343 9/15 Dillon MD):*0858 (444 9/4 Huffaker MX)+1
- 4980 0255 Ecos del Torbes, "Cita con los románticos", EZL mx, clear sig, ID, into more romantic "llanera" mx (444 10/2 Mendez NJ):*0900 (444 9/4 Huffaker MX)(333 9/17 Abbinante IL)
- 5020 0335 R. Nacional, non-stop mx until "R. Nacional presenta las noticias" (333 9/12 Huffaker MX)
- 5040 0335 R. Maturin?, there are 3 other stas on this freq, but the news w/doorbells kept surfacing (322 9/25 Huffaker MX)
- 9660 2300* R. Rumbos, several IDs, 2300* (444 9/7 Kustra AZ):0350 (323 10/8 Staats IL):1000 (545 9/11 Robinson TN)

Not quite as many reports as I first thought, but still a healthy turnout. Now onto...

UPDATER

- USA...NDXE is hoping for a Spring 1986 sign-on date (WOR 9/8)
- Honduras...R. Juticalpa-4780, is no longer on shortwave (OMDXC 9/27)
- USA...WRNO's new World of Radio sked: Sat. 2330 on 9770, Sat 0300 on 6185, Sun 1300 on 9715, all one hour later after the local time change (WOR 9/22)
- Brazil...R. Excelsior-9585, is used for important futbol games (SWLD 9/23)
- USA...R. Marti sked (all SS): 0930-1200 on 6075, 1415-1730 on 11815, 2030-2300 on 11930, 2300-0300 on 9660 (SWLD 9.23)

Argentina...a listing of all active stations and their skeds:

- R. Belgrano-6090, 2200-0200 (Mon 0300)
- R. Nac. Mendoza-6180, 24 hours
- R. Marague-6160, 1000-2200
- R. Nac. Arcangel San Gabriel-15474, 2200-2430
- R. Nac. Buenos Aires-6120, 15290, 1000-1700
- 9710 1000-1300
- 11710 0500-1200 (M-F)
- 11755 1300-1700 (Sat-Sun)
- 6060 0100-1100 (tu-Fri)(Sat 1500)(SWLD 9/23)

Brazil...R. Nacional da Amazonas, new freq-15200, //11780, sometimes 24 hours (SWLD 9/16)

Canada...heard the announcer give the following freqs for their 2300 EE bcst to the Caribbean: 11710,9755, and 930 via R. Antillies, Montserrat (direct)

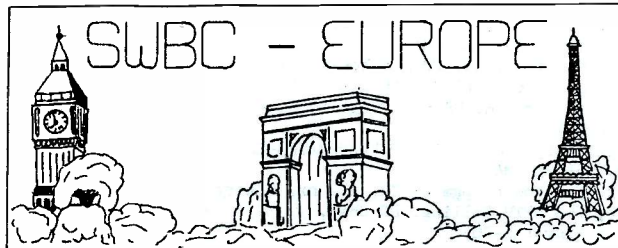
- Brazil...R. Educadora-4825, 0201* (D'Angelo)
- R. Marajoara-4955, 0227* (Lowe)
- Ecuador...R. Paz y Bien-4820, *0855 (Huffaker)
- R. Quito-4920, 0455* (Goodman)
- R. Federacion-4960, *1042, 0158* (Huffaker, Frank)
- LV de Upano-5040, 0157* (Huffaker MX)
- R. Catolica-5055, 0211*-0215* (Mendez, Frank)

- Falklands...FIBS-3958, 0524* (Carlson)
- Guatemala...LV de Atitlan-2390, 0109* (Cereghin)
- Peru...R. Atlantida-4790, *0914 (Huffaker MX)
- Venezuela...R. Mundial Bolivar-4770, 0353* (Hevern)
- R. Valeria-4840, *1029 (Huffaker)
- R. Rumboa-4970, *0858 (Huffaker)
- Ecos del Torbes-4980, *0900 (Huffaker)
- R. Rumbos-9660, 2300* (Kustra)

374 reports this month!

I'm at the end of the page, and my mind is a blank, so I'll quit while I'm ahead, and see you in 30, Lord Willing. 73's

John 



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

Have a good Thanksgiving Day. I am currently taking the H&R Block Income Tax Course and that with my job at John's IGA is giving me very little time for much of anything else. I just hope I'll have the time to complete this column. I'll have to study for the Mid-term too before I get done typing this. Next month should be the last time I'll have this conflict then things will get back to normal.

ALBANIA Radio Tirana

- 5020 0427 Gjirokaster Albanian; Islamic-type mx, 0430 anmts by OM, ID, YL vocal mx (232 9/14 Orr-FL)
7065 0000 RT EE; political achievements of the workers, mx, comtry (211 9/11 Brown-IL)(Fraser-MA)
2300 RT PP; IS, nx, to Brazil (444 9/27 Prath-FL)
7075 2105 RT FF; nx, brief nx, political comtry, // 9480 (444 9/15 Prath-FL)
7120 0155 RT EE; YL w/nx, NA?, s/off (333 9/10 Duncan-NC)
0230 RT EE; nx, comtry (433 9/17 McKinney-PA)
9480 1645 RT EE; under powerful het, ID, usual pgm (pr 9/13 Cereghin-MD)
9500 2300 RT PP; IS, nx, to Portugal (544 9/28 Prath-FL)
9750 0156 RT EE; YL answering letters questions, ID, NA (543 9/14 Neff-OH)
11755 0047 RT SS; NA, ID by YL, off @ 0050 but carrier remained (243 9/29 Trotto-/
11960 1237 RT EE; YL tlk abt U.S. military bases in Japan, tlk abt economy of /FL Socialist countries (222 9/19 Bingham-MA)

AUSTRIA Radio Austria International

- 6000 0135 RAI EE; YL w/Report on Celtic origins of family & village names in Austria (433 9/16 Coleman-MA)(Hunt-NC)(Fraser-MA)(Bishop-NY)
*0330 RAI EE; Report from Austria, wld & Austrian nx, YL discussed China, Asia and food and architecture there, Post Box 700, // 5945 (434 9/2 Neuverth-CO)(Bingham-MA)(Miller-CA)
12015 *1500 RAI EE; IS, ID, Elizabeth Biane ancr, nx, sports review, Post Box 700 (343 9/16 Trotto-FL)
15320 1235 RAI EE; Sunday Special w/report on KCBI (444 9/8 Beaudoin-CT)(Prath-FL)(Bingham-MA)

BELGIUM Belgische Radio en Televisie

- 5910 0043 BRT EE; OM talking abt the handicapped in Belgium and their life there (343 9/28 Shamblin-AR)(Moll-MI)(Dillon-MD)(Miller-CA)
0107 BRT EE; sports nx including team results (444 9/17 Levison-PA)(Hunt-NC)
11980 2102 BRT EE; Brussels Calling, Belgium Today, YL w/tlk abt Belgium TV (322 9/12 Bingham-MA)
11985 2029 BRT PP; IS to 2030, into PP to Brazil, co-channel QRM via Tirana (322 9/28 Roker-MS)
15590 1300 BRT EE; Brussels Calling, discussing the high costs of a college education in Belgium (434 9/28 Hunt-NC)(Bingham-MA)
17675 *1630 R-T Belge de la Communaute Francaise FF; rapid drum IS, ID by OM, into FF song, tlk by YL (252 9/21 Trotto-FL)

BULGARIA Radio Sofia

- 7115 0001 R. Moscow (Plovdiv) EE; OM w/wld nx (433 10/4 Shamblin-AR)
0426 RS EE; mx, YL w/ID (333 10/4 Shamblin-AR)
9560 2200 RS Bulgarian; IS, YL w/"Govorry Sofia," nx (333 10/5 Prath-FL)
9700 2330 RS EE; OM w/comtry on economy in Bulgaria (444 9/11 Langlois-FL)(HuntNC)
11720 2315 RS EE; comtry on U.S. anti-satellite weapon test, Lifestyle on Bulgaria as an urban industrial nation (343 9/17 Gerstner-NY)(Bingham-MA)
11870 1902 RS AA; wld nx, Magazine pgm, EZL interlude, Bulgarian-Arab relations, pop mx, ID "Huna Sofia, Bulgaria" (323 9/14 Dillon-MD)

CZECHOSLOVAKIA Radio Prague
 5930 0110 RP EE; YL w/comtry on private vs. Socialist Gov't ownership of the print media (544 9/16 Coleman-MA)
 0300 RP EE; IS, ID, NAM sked, nx, Prague Mosaic pgm, concert pgm featured opera today, 0400 into SS (333 9/16 Kustra-AZ)(Abbinante-IL)
 6055 2350 RP EE; Prague's inter-pgm, US mx of the 50's, High Noon sung in Czech (454 9/7 Fraser-MA)(Levison-PA)
 7345 0100 RP EE; 0100 nx, 0115 comtry (545 9/14 Weyrich-MD)(Miller-CA)(Bingham-MA)(Shamblin-AR)(Coleman-MA)
 *0300 RP EE; ID, sked, upcoming pgm by YL, wld nx, comtry, Czech folk song, Peace Tribune, The WFTU Calling, DX Chat, // 5930, 9540, 9630, 9740 & 11990 (353 9/6 Neuerth-CO)
 1906 RP EE; wld nx, Nx abt Czechoslovakia, economic report on devaluation of U.S. dollar, Here & There in Czech., 1927* (444 9/27 Morin-Ontario)
 9540 0120 RP EE; tlk on Angola requesting emergency session of the Security Council-U.N. (434 10/2 Woering-MA)
 0304 RP EE; nx, tlk abt U.N. Security Council, comment abt WWII, polka, to NAM (222 9/29 Bingham-MA)(Weyrich-MD)
 15110 1539 RP EE; Glenn Patterson & Brown have added signatures to petition to Pres. Reagan, U.N. Council condemns South Africa, cruise missiles in Western Europe (444 10/1 Trent-AK)

DENMARK Radio Denmark
 15165 1330 RD Danish; NA, ID in EE, 2 OM tlk & laughter, violin solos @ intervals, YL w/nx (545 9/8 Robinson-TN)

FINLAND Radio Finland
 15400 1335 RF EE; nx, history of Finland, 1400* (544 9/15 Brown-IL)(Beaudoin-CT)(Hunt-NC)(Bingham-MA)
 1524 RF EE; wld nx, wx, EE pgm sked (333 10/2 White-FL)

FRANCE Radio France International
 5945 0133 RFI FF; ment France, Pres. Mitterand, ID @ 0150 (555 9/11 Moll-MI)
 5950 0150 RFI FF; OM w/ID, nx, ment of Washington's Reagan Geneva summit meeting, Mitterand also mentioned (454 9/23 Abbinante-IL)
 2357 RFI FF; accordian mx, ID, time pips, wld nx, top story-Panamanian pres. resigns (444 9/28 Dillon-MD)
 6175 0311 RFI FF; African svce, under BBC, YL w/nx, ID freq & time of EE nx segments given @ 0314 (222 10/8 Freeman-AZ)
 7135 0445 RFI EE; nx, tlk abt Soviet leader visiting France, Greenpeace scandal, tlk abt fighting in Nicaragua (444 10/3 Bingham-MA)
 9535 0325 RFI SS; mx, ID, interview, tlk on Mexico & Latin Am (544 9/23 Miller-CA)
 9790 0347 RFI EE; nx, tlk abt upcoming Geneva summit, zulus go on rampage in S. Africa, tlk abt UNESCO meet in Paris for future plans (454 9/29 Bingham-MA)
 9800 0015 RFI FF; OM, YL, ID, nx (444 9/10 Langlois-FL)
 0300 RFI FF/EE; YL & OM w/nx, sx, into EE @ 0313 ID, freqs, Rainbow Warrior & arrest of three French soldiers, FF nuclear power plant, Mexico City, into FF @ 0330 (544 9/24 Zirkelbach-CA)
 11670 2350 RFI SS; nx, tlk, 0000 to FF (545 9/1 Knight-WA)
 17620 1241 RFI FF; rock mx, nx, // 17720 thru 1400 then // 17850 & 17785 (333 9/24 White-FL)
 1630 RFI EE; Paris Calling Africa, letters, mx by Manhattan Transfer (433 9/29 Zirkelbach-CA)(Bingham-MA)
 Reports for 6055 0325-0421 and 9800 @ 0451 are from French Guiana.

GERMAN DEMOCRATIC REPUBLIC Radio Berlin International
 7295 *2020 RBI PP; IS, ID, nx, tlk by OM, signal fading early (222 9/7 Trotto-FL)
 9560 0350 RBI EE; tlk by YL on development in Germany, QRM from Turkey (344 9/25 Miller-CA)
 15445 1413 RBI EE; IS, OM w/ID, to S.E. Asia (222 9/8 Brewer-AR)
 17700 1230 RBI EE; ID, nx of trade unions, Leipzig Trade Fair, tlk of park w/Rose Island (545 9/8 Robinson-TN)
 1330 RBI EE; ID, What's Coming Up, nx, tlk of leader visiting Greece, GDR nx, S.E. Asia svce, Roundabout the GDR (333 10/1 Bingham-MA)

GERMAN FEDERAL REPUBLIC Deutsche Welle
 6035 0135 DW EE; GG lang course (544 9/15 Moll-MI)
 6040 0110 DW EE; current affairs (544 9/17 Hunt-NC)
 6075 0620 DW GG; general GG pgm, tlk & mx, QRM de VOA on 6080 (333 9/28 Rocker-MS)

6120 0500 DW EE; b/c info, nx, ID, Microphone on Europe (444 10/1 Neff-OH)
 6130 0514 DW EE; discussion of East-West summit coming up, nxpaper contries,
 Germany Today (544 9/13 Brown-IL)(Bingham-MA)
 6145 0116 DW EE; nx, ID, brief mx, Germany Today, to Nam (gd 9/19 Roberts-FL)
 7265 0031 Sudwestfunk GG; EZL mx, amnts ment conditions on regional autobahns,
 EE & GG pop mx (232 9/16 Orr-FL)
 9615 0055 DW GG; OM vocalist, ID, freqs (333 9/28 Stransky-NY)
 9750 0110 DW EE; tlk abt trade in Germany, Germany Today, wines of Germany (211
 9/14 Brown-IL)
 17765 1310 DW EE; Africa nx, tlk abt Zambia Pres in U.S. meeting w/oil men (333
 9/24 Bingham-MA)
 17825 1457 DW EE; IS, Africa svce, wld nx (333 10/2 White-FL)
 The report received for 15275 @ 1345 is from Antigua.

GREAT BRITAIN British Broadcasting Corporation
 3955 2245 BBC EE; ID, big ben, sports roundup, wld nx, ARO QRM (423 9/28
 Dillon-MD)
 5970 0150 BBC EE; mx "Dan, Dan, the Country Man" & others (545 9/11 Moll-MI)
 5975 0045 BBC EE; dramatic play, like a soap opera (v.gd 9/19 Roberts-FL)
 0610 BBC EE; nx, 24 Hours (555 9/28 Rocker-MS)
 6000 2240 R. Canada Int'l EE; ID, As It Happens (222 9/26 Trotto-FL)
 6040 1922 V. of America EE; what American public is telling its representatives,
 report on S. Africa (242 9/5 Quaglieri-NY)
 7325 0000 BBC EE; time pips, TC, ID, wld nx, Nx Abt Britain, splash de Moscow on
 7320 (433 9/12 Dillon-MD)
 9410 2210 BBC EE; Alice's Adventures in Wonderland (454 9/1 Fraser-MA)
 9411 1838 BBC EE; Mx by women (555 9/28 DeCassan-Austria)
 9915 0715 BBC EE; TC, ID (444 9/14 Trent-AK)
 11780 0350 BBC EE; life of Gilbert & Sullivan segment, wld nx @ 0400, TC, mx by
 local artists, 1985 Mobile Song Quest contestant (443 9/15 Thompson-CA)
 15050 2005 BBC EE; concert at Royal Albert Hall, Stars & Stripes also played (232
 9/14 Brown-IL)
 15070 1246 BBC EE; The Documents in the Case play, wld nx, ID, TC (343 9/29
 Dillon-MD)
 1442 BBC EE; goodbye to people of BBC, ID (333 10/2 Trent-AK)(Bingham-MA)
 15390 1233 BBC EE; tlk abt Country mx, ad for BBC EE Magazine, EE by Radio
 (243 9/29 Dillon-MD)
 17705 1600 BBC EE; BBCWS nx (444 9/24 White-FL)
 17790 1332 BBC EE; Network U.K. (444 9/24 White-FL)
 21655 1427 BBC EE; nx, Brixton Riots, schools (544 9/29 Neff-OH)
 Report for 9510 @ 0730 is from Antigua. Reports for 6005 @ 0216 & 0530, also 11750
 @ 2350 are from Ascension.

GREECE Voice of Greece
 7395 0345 VOG EE; wld nx, ID, freq & sked, deep tone then signal off at 0350
 (333 9/18 Abbinante-IL)
 9420 0025 VOG Greek; OM vocal mx, OM anc (222 9/29 Stransky-NY)(Card-RI)
 0129 VOG EE; Greek song, ID, wld nx, mx (222 9/10 Brown-IL)(Brewer-AR)
 0230 VOG Greek; Greek mx & singing, YL tlk between mx, ID by OM (wk 9/26
 Zirkelbach-CA)
 9457 1719 R. Macedonia via Thessaloniki Greek; YL anc, EZL & vocal mx, sheep
 bells, flute IS, 1726*, // 11615 not hrd (332 9/25 Trummel-F.R.G.)
 11645 1926 VOG EE; nx until 1930, then into FF 333 9/27 Woering-MA)(Bingham-MA)
 15630 1540 VOG EE; nx, tlk abt improvement in Greek-U.S. relations, tlk abt 100
 died in Portugal train crash, rioting in England (232 9/12 Bingham-MA)
 17565 1543 VOG EE; comtry, Freedom of the Press (9/19 Beaudoin-CT)

HUNGARY Radio Budapest
 6025 0100 RB EE; nx, local events in Budapest (533 9/17 Hunt-NC)
 0300 RB EE; ID, tlk on education benefits for young people, DX pgm, mx,
 co-channel QRM (444 9/30 Miller-CA)
 6110 *2130 RB Hungarian; IS, ID, nx, // 6025 (333 9/15 Prath-FL)
 11910 1600 RB EE; freqs, nx, tlk abt CC delegation is west of Budapest Chamber
 of Commerce, contry on Star Wars, tlk to Billy Graham who's visiting
 in Hungary (232 9/24 Bingham-MA)
 *2200 RB SS; IS, ID, nx, tlk, // 9835 (333 9/28 Prath-FL)

ITALY Radiotelevisione Italiana
 9575 *0100 RAI EE; nx, report on the trials of Mafia members (454 9/19 Gerstner-NY (Miller-CA)(Brewer-AR)(Bingham-MA)(Brown-IL)(Sable-FA)
 0214 RAI II; YL w/ID, brief mx, OM & YL contry, nx (343 9/23 Abbinante-IL)
 11800 2010 RAI Swedish; 2026 into EE svce, nx (232 9/8 Beaudoin-CT)
 11905 0015 RAI II; conjugation of verbs, II lessons, EZL mx (434 9/29 Dillon-MD)
 15385 *1828 RAI II; bird/bells IS, opening in II to Canada/CAM (fr 9/29 Sheedy-CA)
 17780 1658 RAI II; IS, bird chirping, IS, wld nx (333 10/2 White-FL)

LUXEMBOURG Radio Luxembourg
 6090 0034 RL EE; hip DJ, ID, Rap mx, 60's Motown (222 10/2 Bingham-MA)
 1938 RL GG; OM DJ w/all-GG versions of mx from many nations (343 9/5 Quaglieri-NY)

MONACO Trans World Radio-Monte Carlo
 7160 0702 TWR EE; ID & address given, into rel inst mx (pr 9/7 Cereghin-MD)

NETHERLANDS Radio Netherlands
 6020 0207 RN EE; Shortwave Feedback, ID, mx, // 9895 (gd 9/22 Roberts-FL) (Moll-MI)(Bingham-MA)
 9895 0128 RN EE; ID, IS, TP, wld nx, Newsline, Shortwave Feedback, // 6020 (242 9/29 Dillon-MD)
 11730 2120 RN EE; discussion of African pop mx, NOTE: this freq will not be used shortly (433 9/27 Woering-MA)(Prath-FL)(Fraser-MA)
 2130 RN Dutch; IS, opening anmt, nx, // 9895 (434 9/21 Rocker-MS)
 11740 2035 RN EE; African svce nx, Newsline, // 11730 (344 9/28 Rocker-MS)
 17605 1200 RN EE; pgm abt BBC-2 TV opening in Netherlands (444 9/23 White-FL)
 1503 RN EE; tlk abt sexual revolution ass'n, rap mx, tlk abt wreckage of Titanic found (333 9/6 Bingham-MA)

The reports for 6165 @ 0615 & 0542 are from Bonaire.

NORWAY Radio Norway International
 6015 *0400 RNI EE; IS, ID, freqs, Norway Today (333 9/9 Trotto-FL)
 11850 1605 RNI EE; contry on oil prices in Norway, a successful Norw. rock group (242 9/22 Goodman-IA)(Bishop-NY)
 15245 1400 RNI EE; nx, people and places in Norway, // 15305 (333 9/22 /CT) Zilmer-NM)
 15305 1300 RNI EE; nx of Norw. actress Liv Ullman marriage, 6 regional ancestral archives in Norway, tomorrow is election day in Norway (545 9/8 Robinson-TN)(Fraser-MA)(Bingham-MA)
 1400 RNI EE; nx, oil expert contry, top mx of Norway, People & Places in Norway, 1430 rel b/c of Sunday svce (545 9/22 Brown-IL)

POLAND Radio Polonia
 6135 2240 RP EE; political tlk, Review of the Week (333 9/28 Prath-FL)
 7125 2250 RP EE; tlk abt the Holocaust, // 7270 (444 9/10 Prath-FL)
 7145 0200 RP EE; tlk, lots of CW QRM (433 9/30 Miller-CA)
 7270 2233 RP EE; nx, Tuesday Press Conf, Panorama, the Polish Scene Today, 2300* (333 9/17 Morin-Ontario)(Gerstner-NY)(Robinson-TN)
 2304 RP piano selections by soloists (444 9/10 Levison-PA)

PORTUGAL Radio Portugal
 6090 0304 RP EE; nx, tlk abt Port. & EEC, football, times & freqs given, tourism in Portugal (322 10/1 Bingham-MA)
 9565 0140 RP PP; soccer results of games played today (333 9/29 Grosvenor-CA)
 0305 RP EE; economic nx, brief mx @ 0312, ID (322 10/1 Blair-CA)
 9600 0015 R. Renascenca PP; chimes or Carillon played rel song, flute mx, rel pgm, ment Brazil, 0031 ID (433 9/20 Kustra-AZ)
 9680 1830 R. Renascenca PP; "informacao"-nx pgm, YL w/ID, EZL mx, QRM VOA (333 9/5 Quaglieri-NY)
 15115 1710 R. Free Europe Bulgarian; nx, contry, ID @ 1710 (433 9/28 Rocker-MS)
 1830 R. Free Europe Bulgarian; jammed, tlk, ID (gd 9/11 Cereghin-MD)
 1914 R. Free Europe Bulgarian; ment of N.Y. Times & numerous Soviet Gov't officials, ID "Radio Svobodna Europa" (353 9/28 D'Angelo-PA)

ROMANIA Radio Bucharest
 7195 *2100 RB EE; IS, under R. Moscow (311 10/5 Prath-FL)
 11940 1320 RB EE; classical mx (544 9/22 Hunt-NC)(Gerstner-NY)
 15250 1312 RB EE; contry, cement factory (233 9/1 Beaudoin-CT)
 15335 *1500 RB EE; IS, ID, nx by YL, QRM (222 9/29 Trotto-FL)

SOVIET UNION Radio Moscow... Sites via UHN Newsletter & Radio Database Int'l.
 Russian S.F.S.R. (European)
 7310 0000 RM (Moscow) EE; comtry, Star Wars, OM ID (444 9/10 Langlois-FL)
 7400 0120 RM (Moscow) EE; RDI says it's Moscow but not in listed RR (fr 9/14 Cereghin-MD)

Ukrainian S.S.R.
 9530 0035 RM (Simferopol) EE; tlk on Jews in the U.S.S.R. & how good they have it there! (444 9/28 Stransky-NY)
 2320 RM (Simferopol) EE; tlk, letters from listeners, mx (v.gd 9/18 Roberts-FL)
 9785 1022 RM (Vinnitsa) EE; News & Views, ID, anmt, News in Brief (555 9/30 De Cassan-Austria)
 9820 0218 R. Kiev (Simferopol) EE; Ukraine Today, snappy mx, new fall RK sked, 0229* (323 9/18 Brown-IL)
 13660 1728 RM (Nikolayev) lang; RM IS, ID in lang, YL w/nx (151 9/15 Orr-FL)
 13665 1203 RM (Kiev) EE; nx, 1212 Soviet Way of Life (555 9/19 Weyrich-MD)
 13705 1725 RM (Nikolayev) EE; YL w/tlk abt American Indian leader, Trade Union Council in Japan (222 9/15 Orr-FL)
 13755 1835 RM (Simferopol); class piano solo (555 9/14 Levison-PA)

Unknown Sites
 7175 0205 R. Kiev EE; nx, comtry (555 9/7 Levison-PA)
 7400 2205 RM EE; nx, comtry, // 7175, 7205, 7320 & 7195 (444 9/14 Prath-FL)
 9600 2335 R. Kiev EE; tlk abt the development of Siberia, QRM (433 9/10 Prath-FL)
 9640 0028 RM EE; International Outlet, nx by YL (gd 9/19 Roberts-FL)
 9685 2200 R. Vinius EE; OM & YL, mailbag, mx of Lithuanian violinist (545 9/15 Robinson-TN) (Prath-FL)
 9765 1907 RM EE; end of nx, ID (434 9/27 Trent-AK)
 11710 0040 RM EE; pgm on George Gershwin & his Porgy & Bess, mx from the opera sung by Ella Fitzgerald, other mx (544 9/29 Zirkelbach-CA)

Report for 11840 @ 1400 is from Havana. Report for 13605 @ 0643 is from Komsomolsk, Turkmen S.S.R. Each Radio Moscow reports.

SPAIN Radio Exterior de España
 5900 2238 REE EE; wx, mx, Report on Spain's culture exhibitions, SS course by radio, ute QRM (433 9/17 Gerstner-NY)
 9360 0021 REE SS; Spanish mx (343 9/28 Stransky-NY)
 9630 0054 REE EE; class guitar mx, OM ID, freq, YL QTH, IS, nx (443 9/12 Thompson-CA) (Zirkelbach-CA) (Bingham-MA) (Woering-MA) (Bishop-NY)
 0150 REE EE; OM, ID, SS course (333 9/17 Addison-KS) (Neuerth-Co) (Neff-OH) (McKinney-PA) (Brown-IL) (Grosvenor-CA) (Levison-PA)
 9780 1935 REE EE; Spanish & wld nx, ID, QRM via R. Sana (323 9/14 Dillon-MD)
 11690 1940 REE EE; nx, 1950 several songs & tlk on tourism and a pilgrimage (444 9/26 Weyrich-MD)
 11880 0035 REE EE; Panorama, Musictime, ID, weekly feature on culture, SS lang lesson (454 9/11 Bingham-MA)

SWEDEN Radio Sweden International
 9630 1100 RSI EE; Thank Thor It's Friday pgm (Nordic nx, report on a volcanic island in Iceland), periodic slight het (554 9/13 Kaessinger-F.R.G.)
 11705 2302 RSI EE; nx, wx, comtry on South Africa (222 9/17 Gerstner-NY)
 11945 1612 RSI EE; ID, Sweden Calling DXers, QRM From BBC-Cyprus (222 9/10 Trotto-FL)
 15190 1230 RSI EE; nx, Sweden Calling DXers, replaces 11920 to E. Asia (211 9/17 Zilmer-NM)
 15305 2245 RSI; polka mx (555 9/5 Levison-PA)
 15345 1410 RSI EE; OM discussing debate among Swedish Church leaders concerning homosexuals, ID, review of a Swedish movie (343 9/8 Brewer-AR) (Neff-OH) (Robinson-TN) (Bingham-MA) (Addison-KS) (Brown-IL)

SWITZERLAND Swiss Radio International
 6135 0211 SRI EE; OM tlking abt voting rights in South Africa, // 9725 (422 10/4 Shamblin-AR) (Weyrich-MD)
 6165 0632 SRI EE; nx, Swiss Foreign Minister ? for trying to bring peace to Mid East, comment, Dateline (343 9/16 Bingham-MA)
 6190 *2230 SRI EE; ID & time by YL, Program Preview, nx, Dateline Monday, QRM AA station (444 9/30 Trotto-FL)
 9725 0227 SRI EE; Beethoven's 5th Symphony (excerpt), went to SS svce (222 9/2 Pfeffer-NY) (Hunt-NC) (Brown-IL)
 9885 2114 SRI EE; comment, tlk abt drought & rainy season in Africa, Swiss Country Mx, Dateline Tuesday, European antique car clubs meeting in Bern (444 9/10 Bingham-MA)

11750 2028 SRI PP; IS to 2030, into PP pgm (343 9/28 Røcker-MS)
 11955 1830 SRI EE; What's Coming Up, nx, tlk abt false Swiss passport used by French secret svce, 2 die in climbing Swiss Alps, Dateline, Swiss SW Merry-Go-Round (322 9/28 Bingham-MA)
 12030 1201 SRI EE; nx, Sunday Supplement, tlk abt Swiss Open Golf tournament, golf getting more & more popular in Switzerland, Swiss Open won by an American (343 9/22 Bingham-MA)
 12035 2113 SRI EE; Dateline, tlk abt Swiss astronauts to go in space in 1986, future of space travel, European youth group to visit Africa (454 9/24 Bingham-MA)
 15430 1530 SRI EE; YL w/freqs, What's Coming Up, nx, Czech wins tennis tournament, Sunday Supplement, Swiss airshow draws 100,000 visitors (322 9/22 Bingham-MA)
 15585 1344 SRI EE; ID, tlk abt Swiss military aircraft will have maneuvers w/ Sweden next year, Swiss SW Merry-Go-Round, sunspot report (343 9/14 Bingham-MA)
 17570 1530 SRI EE; to Mid East & Africa, freqs, nx, tlk abt EEC & Switzerland, read from Swiss newspaper abt upcoming summit (232 9/6 Bingham-MA)
 17785 1330 SRI EE; nx, contry on spies in Geneva (9/1 Beaudoin-CT)
 17830 1530 SRI EE; YL w/freqs, What's Coming Up, nx, Dateline Tuesday, tlk abt Swiss banks & South Africa, accordian mx, wx (333 9/10 Bingham-MA)
 Thanks for all the Swiss reports Frank. Maybe you should type this column!?

VATICAN CITY STATE Vatican Radio

6015 0050 VR EE; OM w/report on John Paul II's sermon on Feast of Holy Cross (555 9/16 Coleman-MA)(Shamblin-AR)(Beaudoin-CT)(Roberts-FL)(Hunt-NC)(Woering-MA)
 9605 0050 VR EE; IS, ID, "Laudetur Jesus Christus, This is Vatican Radio," A Many Splendored Thing-pgm abt a Scottish monk, 0110 end of b/c w/IS, // 6015 & 11945 (444 9/24 Kustra-AZ)(Stransky-NY)(Brewer-AR)(BrownIL)
 9615 0125 VR SS; ID, Pope giving a speech in SS (433 9/17 Brown-IL)
 9645 2005 VR EE; Papal nx, co-channel QRM (fr 9/8 Cereghin-MD)
 11845 0050 VR EE; IS, ID, nx, Papal audience highlights, 0110* (444 9/5 Kustra-AZ)
 15120 1555 VR EE/AA; closing in EE w/drums & YL in EE, to Africa, celeste IS & opening in AA (fr 9/24 Sheedy-CA)
 17845 2012 VR PP; IS, into PP @ 2015 (233 9/24 Røcker-MS)
 17845 1440 VR EE; contry on Family Planning, India svce (343 9/5 Beaudoin-CT)

YUGOSLAVIA Radio Yugoslavia

9620 *0000 RY SS; IS, ID by YL, nx by OM & YL ancrs (444 10/1 Trotto-FL)
 2118 RY EE; nx, weekly Saturday feature on tourism @ 2122, folk mx 2127, ID, anmts, 2130 FF ID, and new times effective 9/29 @ 1530, 1830, 2000 & 2215 (9/21 D'Angelo-PA)(Levison-PA)
 15240 *1430 RY EE; IS, ID by YL, wld nx, QRM from 15235 (333 9/16 Trotto-FL)

Thanks to the following for the reports this month. 56 contributors.

Phil Abbinante	Joe Addison	Robert Beaudoin	Frank Bingham
Forrest Bishop	Arthur Blair	Don Brewer	Edward Brown
Peter Card	John Cereghin	Jaqueline Cole	Robert Coleman
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Bill Shamblin Jr.	Dan Sheedy	Lawrence Stransky	Peggy Thompson
Ron Trotto	Kevin Trummel	Carroll Weyrich	Fred White
Harold Woering	Bob Zilmer	Bob Zirkelbach	John Trent

I was able to get this column done a little sooner than expected but now it comes time to study for my Mid-Term. CUN 30.

73's
 Daniel

ASCENSION ISLAND (cont.)

7160 0331 BBC Relay: EE; "Nx of the African World", mx @0350. 433(9-18 Blair-CA)
 9600 0210 BBC Relay: EE; Economic review, pop mx. 444(9-28 Miller-CA). @0752 Afro-
 pop mx, Talkback pgm, nx @0800. 454(9-9 Bingham-MA)
 11820 1810 BBC Relay: EE; wld nx, Newsdesk: Hurricane Gloria. 334(9-27 Miller-CA)
 15260 1625 BBC Relay: EE; soccer scores, live rpt Suntory Golf Tourn. 544(9-28 Blair-CA)
 17880 1645 BBC Relay: EE; tlk abt tennis, sports nx. gd(9-21 Roberts-FL) [Bingham-MA]
 17885 1439 BBC Relay: EE; Outlook, upcoming pgms, reading Alice/Wonderland. 433(9-16

BENIN

4780 0500 ORTB Cotonou: FF; hilife mx w/drms & flutes, ID @0527 & 0558. 333(9-26
 Kustra-AZ). @0600 contin. drms/vocals. 131(9-1 Keenan-CO)
 4780 2132 ORTB Cotonou: FF; nx, music, cmtry. 344(9-13 Hawk-VA)

BOTSWANA

4820 0357 R. Botswana: SET; cowbell clatter/rooster crow IS; anthem, OM ID, freq
 sked info into reg pgm of nx & tlk. 343(9-18 Abbinante-IL)
 7255 0350 R. Botswana: EE/SET; cowbell IS, NA, sked,rel pgm?, into YL vern chanting
 333(9-22 Hevern-NY). @0510 YL w/ID & wld nx. 233(9-28 Shamblin Jr.-AR)

BURKINA-FASO

4815.2 *0600 RT du Burkina: FF; IS, NA, s/on anmts by YL, weaker than usual. 222(9-28
 Rocker-MS). @0645 lively mx, 0700 "Ici Ouagadougou". 444(9-7 Ross-ONT)
 4815 2215 RT du Burkina: FF; reggae FF voc mx, IDs by OM/YL, YL "Bonsoir..." (& ID?
 -ed.) @2300. 444(9-16 Robinson-TN)

CAMEROON

4000 2249 R. Bafoussam: FF; mixture hilife mx/OM tlks, s/off @ 2306* with "Radio
 Cameroun, auervoir". 333(9-29 D'Angelo-PA)
 4795 2245 R. Douala: FF; hilife mx, OM DJ, s/off anmt, NA, 2307*. 333(9-14 Dillon-MD)
 @2300 mx, OM s/off anmts, NA, off 2306*. 444(10-6 Orr-FL)
 4850 2103 R. Cameroon, Yaounde: EE; nx, ID @2108 "This nxcast comes to you in the
 Nat'l Sce. of R. Cameroon", hilife mx 2115 & into FF. 252(9-15 D'Angelo-PA)
 5010 2105 R. Caroua: EE; OM w/nx foll by native mx @2116. 252(10-5 Welch-MA)
 9355 2240 R. Cameroon, Yaounde: FF; tlk & hilife mx, s/off anmts & "auervoir", NA
 @0001, off 0002*. 353(9-21 D'Angelo-PA). @2340 nice mix of sleepy bal-
 lads, lively gtr, little DJ yak to close 2400*. gd(10-1 Sheedy-CA). @
 2310 hilife mx, YL ancr, odd QRM, QRM RNE 9360. 332(10-4 Thompson-CA).
 [orig. tip prob. via OMDXC-Sams & Berg and Hauser--ed.]

CAPE VERDE

3931 2342 L.V. de Sao Vicente: PP; operatic/cl mx pgm to 2358, then OM ID and s/off
 anmts, NA, off 2400*; ARO QRM. 433(9-22 Orr-FL)

CENTRAL AFRICAN REPUBLIC

5034.6 0428 R. Centrafrique: FF; IS to 0430, clear ID 0431, otherwise vy wk. 232(9-28
 [Rocker-MS])

CHAD

4904 0455 R. N. Tchadienne: FF; instr/voc s/on pieces, YL ID, into tlk. 444(9-28 Rocker
 4904.5 0535 R. N. Tchadienne: FF; hilife mx, om cont. anmts. 232(9-17 Abbinante-IL) [-MS]

DJIBOUTI

4780 0256 R. Djibouti: SOMALI; open carrier, NA, brief OM tlk, into Qu'ran reci-
 tations; usual ute QRM. 322(9-24 Lowe-NC)

EGYPT

9475 0055 R. Cairo: SS; local mx, chimes 0100, "Aqui Cairo", YL nx. ???(9-26 Brewer-
 EE; @0200 Qu'ran, YL slo-speed nx. 433(9-6 Zirkelbach-CA). @0202 w/ [AR]
 upcoming pgms, "Anything Goes" pgm. 333(9-29 Bingham-MA). 433(9-19 Miller-
 local mx. 222(9-6 Stephenson, CA) [CA]
 9675 0215 R. Cairo: EE; AA mx, YL ancr in EE. 444(9-16 Hunt-NC)
 9805 2135 R. Cairo: EE; nx to Europe, local mx after 2140. 243(9-21 Rocker-MS). @
 2154 mx, YL reads reception rpts from listeners. 433(9-20 Gerstner-NY)
 12050 2043 R. Cairo: AA; AA mx, ID "al-lughat ul-gamilah" ("beautiful language pgm")
 wld nx. 433(9-16 Dillon-MD). @2134 AA mx, OM/YL discussion. 343(9-17
 17670 1715 R. Cairo: AA; Home sce pgm. 333(10-2 White-FL) [Abbinante-IL]

EQUATORIAL GUINEA

5004v 0438 R. N. Bata: SS; nonstop pgm Afro gtr mx, @0542 OM ID "R. Nacional de
 Guinea Ecuatorial", more anmts, back to mx. 322(9-14 Orr-FL)
 5010a 0450 R. N. Bata (t): SS; OM tlk to 0553, lively Afro vocal foll by 2 OM getting
 very excited (maybe they found out you were listening, Peggy-ed.), ments
 of R. Nacional. 322(9-28 Thompson-CA)

ETHIOPIA

- 5990 0340 V.O. Revolutionary Ethiopia(t): AMHARIC; noted mixing w/unid on freq, hrd wild flute/violin mx //7110, fade by 0350. 222(10-8 Quaglieri-NY)
- 7110 0322 V.O. Revolutionary Ethiopia: AMHARIC; OC, brief flute IS @0330, short NA, deep-voiced OM w/s/on amnts & presumed nx. 322(9-24 Lowe-NC) @0329 OM ID, brief NA. @ 0330 5 uneven pips, OM nx; yy lo mod. 442(10-15Quaglieri-NY)

GABON

- 4810 0515 Africa #1: FF; ANO ID, talk over mx by YL ancr. 444(9-26 Brown-IL). @0534 YL w/mx in FF; strong & clear. 344(9-28 Shamblin Jr.-AR) [MD]
- 4810 2038 Africa #1: FF; interview w/musician, DJ w/ID, hilife/disco. 242(9-14 Dillon-
- 9630 1704 AWR Relay: FF; YL tkl interspersed w/local mx; xylophone mx (IS?) @1715 w/ ID by OM; severe QRMoscow co/ch. 232(9-24 Trummel-FRG). @1725 w/rel. mx, 1730 ID, address (sounds like BP 1751, Abidjan 8, Ivory Coast), rel pgm to 1755* & signature music; QRM Canada 9625. 333(10-14 Quaglieri-NY)
- 15200 1650 Africa #1: FF; variety of Afro & pop mx, continuous. 343 (9-24 Abbinante-IL). @1351 also w/continuous mx. 333(9-17 Abbinante-IL)
- 15475 1933 Africa #1: FF/EE; talk of Black Pride, mx & ANO ID's. 555(9-21 Brown-IL). @2020 in FF w/ interview w/President of Burkina-Faso. 455(9-28 Rocker-MS). @2205 in FF w/OM tkl, no ID, woodpecker QRM. 322(9-29 Blair-CA)
- 21550 1530 R. Japan Relay: EE; YL ID, "Japan Travelogue" pgm, nx @1545, into JJ @1600. 253(9-16 Trotto-FL)

GHANA

- 3366 0535 GBC: EE; OM DJ mx pgm, ID "This is the Ghana Broadcasting Corporation; the time is 6 o'clock.", home nx. 353(9-21 Granone-NM). @0547 special pgm: "Calypso Mx", ID on hr as GBC, TC, nx. 333(9-7 Ross-ONT).
- 3366 2258 GBC: EE; sermon (local Sunday PM), "This is Radio 20", s/off amnts and s/off 2305*. 444(9-23 Lowe-NC)
- 4915 0600 GBC: EE/VERN.; drums, YL ID & TC, home nx to 0619, drums, OM tkl in vern. 333(10-4 Freeman-AZ). @0525 religious pgm ends @0530 w/"Amen" (that makes sense-ed.), more rel. pgm to 0600 & ID. 444(9-25 Kustra-AZ). (9-28 Rocker-MD)
- 4915 2245 GBC: EE; nx by YL ancr, s/off 2305* after amnts by OM in vern. 353(9-14 Welch-MA). @2246 w/nx to 2254, ID, African vocal mx, vern tkl 2259, some choral mx to NA 2304*. 242(9-5D'Angelo-PA)

GUINEA

- 4910 2359 R.D. Nationale: FF; light mx, then drums and YL "Ici Conakry, La Voix du la Revolution...", NA & s/off 0003*. 444(9-23 Lowe-NC)
- 15310 1847 R.D. Nationale: FF; ID after each song, mostly local stuff, hvy QRM de 15315; stn has same lo-mod you find on other Afros. fr(9-11 Cereghin-MD)

KENYA

- 7220 0256 V.O. Kenya: EE; IS (flute/drums), @0259 "This is the Voice of Kenya" then NA; lost in maelstrom of jammers & QRM. 121(10-9 Orr-FL). @0412 poorly modulated nx & sports, into rock mx 0425. 222(9-21 D'Angelo-PA). @0401 OM nx accented EE, @0407 "This nx b/c comes to you from the V.O. Kenya, Nairobi."; mixing w/VOA Wooferton, QRM splash 7225. 333(10-11 Quag.-NY)
- 9725 1310 V.O. Kenya: EE; end nx, then NA into local mx after ID; co-channel QRM and sporadic jamming //9635 (are you sure, John? see sked below-ed.). poor (10-2 Cereghin-MD)

[All the info I've hrd, along w/monitoring, adds up to the following schedule for V.O. Kenya's new 250kw xmtrs: GS 0300-0630 on 7135; 0630-2006 on 9725; the NS is 0300-0630 on 7220; and 0630-2015 on 9635. EE noted on NS (Swahili) times/freqs, so I guess I don't have all the info yet! 7135 will be tough w/RFI sked 0300-0700 same frequency.-ed.]

LESOTHO

- 4800 0427 R. Lesotho: EE; US pop mx, YL ID @0430, into nx pgm "The World This Morning". 444(9-16 Ross-ONT). @0430 w/wld nx read city-by-city, TC given as "25 minutes 'til 7", interview. 443(9-17 Kustra-AZ)
- 4800 2150 R. Lesotho: SESOTHO (presumed); OM amnts, NA and s/off 2200*. Fairly good, but nothing compared to 0400 s/on when it takes no prisoners. 323(9-23 Lowe-NC)

LIBERIA

- 3255 2154 LBS: EE; OM "This is the radio service of the Liberian Broadcasting Sce in Monrovia.", TC, VOA's "African Panorama". 343(10-1 Quaglieri-NY)
- 4760 0640 ELWA: EE; Rel. mx w/vern. & inspirational songs, nx (BBC?) @0700, rel. pgm "Thru the Bible" @ 0716. 433(9-23 Kustra-AZ). @ 2209, local nx w/OM, rel. pgm, s/off 2230*. 333(9-14 Dillon-MD). 434(9-17 Gerstner-NY)
- 6035 0427 VOA Relay: EE; vy strong/clr w/African sce pgm to 0430 ID, then "Thursday Morning" pgm. 444(9-26 Hevern-NY). @0637 OM tkl abt the Hunger Project. 434(9-28 Shamblin Jr.-AR)

LIBERIA (cont.)

- 6045 2235 VOA Relay: EE; Jazz hour, nx, s/off 2300*. 444(9-27 Brown-IL)
 9550 0650 VOA Relay: EE; OM ID, continuation pgm "Daybreak Africa".232(9-23 Trotto-FL)
 11830 2130 ELWA: EE; rel. pgm, Afro nx @2130, s/off 2136*. fair (9-18 Cereghin-MD)
 15600 1703 VOA Relay: EE; OM nx, "African Panorama" abt S. Africa. 343(10-3 Bingham-MA).
 @1905 nx, focus on US farm crisis, mx. 444(10-1 Miller-CA)
 17800 1635 VOA Relay: EE; nx, "Nightline Africa", //17785, 17870. fr(9-21 Roberts-FL).
 @1852 Spec EE "Making a Nation".443(9-19 Miller-CA). @1900 nx: expulsion
 of Soviets by Britain. 333 (9-14 Coleman-MA)

LIBYA

- 7245 0135 R. Jamahiriyyah: AA; machine-gun fire, bombings, war sounds, bkgnd mx and
 narrations by OM/YL. 444(9-17 Hunt-NC)
 9890 2302 R. Jamahiriyyah: AA; yelling crowd w/Qaddafi spouting rev. tik, some ute
 QRM slop at times. 322(9-23 Abbinante-IL)
 15415 1358 R. Jamahiriyyah: AA; dulcimer mx, YL tik between mx interludes. 333(9-17) and
 @1655 AA mx, OM ID @1700 w/chimes, call to prayer.343(9-24 both Abbinante-
 15450 1625 R. Jamahiriyyah: EE; "Planning for Prosperity" discussing agriculture & [IL]
 undergrnd H²O supplies. 444(9-22 Hunt-NC). @ 2115 in AA; believed to be
 Voice of the Arab World pgm, commentator tikls about US & Af.344(9-29
 Miller-CA). @2213 in EE: culture/mx pgm, ID,2220*. 222(9-15 Brown-IL)

MADAGASCAR

- 3287.6 1751 R. Madagasikara: MALAGASY(t); variety of mx w/OM host, possible ID @ 1830,
 many ments Madagascar, nx? 232(9-21 Mivauchi-JAPAN)(vy nice!-ed.)
 9540 2030 RN Relay: EE; "Happy Station" pgm, feat. mx and mail call. 555(9-25 Wey-
 rich-MD). @1835 in EE w/pr sig, co-channel slop.(9-29 Cereghin-MD)
 9715 2102 RN Relay: EE; "Images", ID, "Dutch by Radio", QRM DW.434(9-17 Dillon-MD)
 11735 1440 RN Relay: EE, "Mainstream Asia"abt Thai border camp. 444(9-13 Mivauchi-JPN)
 17605 1852 RN Relay: EE, "Shortwave Feedback" abt SS bkgnd of Dutch.323(9-21 Brown-IL)

MALAWI

- 3380(t) 0610 MBC: CHICHEWA?; hrd local tribal mx, OM tik between songs, lots of drums &
 local instrs but no ID hrd. 333(9-7 Ross-ONT)(probably was MBC, Bob, 'tho
 I hrd somewhere that 5995 was only active frequency lately-ed.)

MALI

- 4783 2105 R. Mali: FF; nx, ID 2107 "Ici RTV Malienne", also later ID as R. Mali,
 hrd well w/variety of pgms to close @2359* w/NA. 433(10-16Quaglieri-NY)

MAURITANIA

- 4845 2132 RTV Mauritanie: AA; nx and music. 333(9-15 Hawk-VA)

MAURITIUS

- 9709 1407 MBC: UNID; 'Indian languages' listed for this time, sounds like Ici dia-
 lect; OM/YL wrap up poss. nxcast @1409 w/ID ("...Maurice") and into
 theme mx feat. pgm; audible most dys this time. 322(10-17Quaglieri-NY)

MOROCCO

- 17595 1650 RTV Marocaine: AA; AA mx, then ID & OM tik, YL ancr, more mx.252(9-21 Trotto
 17815 1242 RTV Marocaine: AA; AA mx, childrens' pgm "Al-Barqu War-ra'd"("lightning |-FL)
 and thunder") 333 (9-28 Dillon-MD)

MOZAMBIQUE

- 4736.3 1544 R. Mozambique: PP; EZL mx w/OM host, no ID but //9618 & 11818. 222-1 (9-21
 Mivauchi-JPN, via tip Constantinides-RSA)(this one has been hrd well
 here @0403 w/morning exercise pgm-ed.)
 4925 *0250 R. Mozambique: PP; opens w/xylophone IS, short anthem @0255 into yak by OM;
 apparent IDs after IS, but too much QRN; hrd 'til past 0400.fr(10-3 Sheedy
 9618 1259 R. Mozambique: PP; mx pgm ends, 6 pips @1300 w/chimes over end, ID & [CA]
 into OM nx; gaining strength w/time; RHC slop 9600. 222(10-11 Quaglieri-NY)
 11818 1500 R. Mozambique: PP; occ. fade-ins w/Afro mx & YL ancr, lots of QRM de 11820
 & sporadic 11819; 9618 only carrier hrd. 131(9-24 Trummel-FRG)

NIGER

- 3260 2159* RTV Niger: FF?; caught only their NA & s/off, carrier off 2201; vy wk, but
 little/no QRN (10-1 Quaglieri-NY)

NIGERIA

- 4770 0516 R. Nigeria-Kaduna: EE; nx, wrap-up, mx. 111(9-15 Brown-IL).@0541 OM tik abt
 economic/living conditions in Nigeria. 313 (9-28 Shamblin Jr.-AR)
 4770 2146 R. Nigeria-Kaduna: EE; tik on human rights, into local mx. gd(9-18 Cereghin-
 MD).@2230 rock mx, OM DJ, PSA "...what have you done for Nigeria? Pay your
 tax now!" (sounds familiar-ed.) 333(9-14 Dillon-MD)

NIGERIA (cont.)

- 7255 0425 V.O. Nigeria: EE; good black gospel mx, OM TC, more gospel, cut off for tribal # & into unid lang @0430. 433(9-15 Thompson-CA). @0530 nx, topic on exports; bad mod, sounded fuzzy (definitely VON-ed.) 333(10-5 McKinney-PA). @0530 drm, ID, nx, cmtry, small business rpt. 323(9-15 Brown-IL)
- 11770 1916 V.O. Nigeria: EE; OM w/nx, stronger sig at 2046 w/business nx & stock market rpt to s/off 2103*. 252 (10-5 Welch-MA)

RWANDA

- 17800 1236 DW Relay: EE; ID, nx, ancr David Johns w/nx of Mozambique president's US visit. 444(9-24 White-FL). @1250 letters from listeners, mx, questions on multiparty democracy, into FF @1315. 344(9-15 Gerstner-NY)
- 17860 2050 DW Relay: GG; OM mentions FRG & Africa, GG folk mx, IS & ID @2100. 344(9-29 Miller-CA). @2010 in GG w/nx, cmtry; //17810Antigua. 444(9-24 Rocker-MS)

SENEGAL

- 4890 0700 RTV Senegal: FF/VERN; ID in several langs, FF nx w/many ments Senegal, ad @ 0709, local mx, "Radio du Denegal..">@0735. 444(9-21 Kustra-AZ)
- 4890 2330 RTV Senegal: FF; local mx, some really primitive stuff, Afro nx summary @ 2357, s/off w/no NA 0005*. good(9-18 Cereghin-MD)

SEYCHELLES

- 11755(t)0453 FEBA: AA?; YL vocals in AA?, OM/YL tlk 0455-0458, back to AA mx, suddenly off 0500 after time sig; deep QSB & faint signal make l'EBA my best guess for this xmsn. 242(9-26 Hevern-NY)

SOMALIA

- 7200 0301 R. Mogadishu: SOMALI; Qu'ran recitations to 0307, followed by further tlk abt Islam/Allah; intermittent XMTR failure but vy solid over VOA and lo het. 433 (10-15 Quaglieri-NY)

SOUTH AFRICA

- 3230 0415 R.RSA: EE; US tunes from the 30's, OM ID, IS, s/off 0430*.232(9-14 Carlson-IL). R. Five/SABC: EE; mx, TC "6:16",Afrikaans tlk, ads.353(9-7D'Angelo-PA) |WA)
- 3250 0410 Capital Radio: EE; EZL YL pop vocal, tlk OM DJ, no ARO QRM! 344(9-21 Sharp-FL)
- 3930 0307 SABC: EE; rpt on maximizng farm profits. 211(9-26 Brown-IL). @0420 w/EZL piano mx, OM ID. 544(9-21 Kustra-AZ)
- 4880 0355 SABC: AFR'KNS; YL/OM tlk, world nx & cmtry. 333(9-12 Abbinante-IL). @0442 w/cl mx, OM tlk; OM w/prayer @0445, more cl mx. 433(9-15 Thompson-CA)
- 5980 0158 R. RSA: EE; IS, "Africa Today" pgm, times/freqs given. 423(9-23 Abbinante-IL). @0200 OM nx, abt meeting bet. white/blk leaders. 544(9-16 Coleman-MA). @0245 OM w/nx & ID, much QRN. 433(10-7 Valentine-CA)
- 6010 *0200 R. RSA: EE; ID, nx/cmtry, "Africa Today", "Nx in Brief". 344(9-3 Neuverth-CO). @0150 IS to 0200, NA, "Africa Today" abt Angola. 544(9-23 Zirkelbach-CA). @0230 w/"Touring RSA". 433(9-15 Goodman-IA). 444(9-29 Addison-KS). 433(9-15 Brown-IL). 444(10-1 Blair-CA). gd(9-22 Roberts-FL)
- 7270 0430 R. RSA: FF; IS, OM ID in EE, into FF w/list of freqs, into nx. 333(9-21 Sable-PA). @0346 in EE tlk abt environmental education, archaeological dating, ID & nx @0400. 343(9-30 Sampson-WI)
- 9585 2127 R. RSA: EE; pgm to W.Afr/Eur, pgm "Our Wide Heritage" (about obese ancestors? -ed. 344(9-21 Rocker-MS)
- 9615 0200 R. RSA: EE; IS, TC. "Africa Today". 433(9-17 Blair-CA). @0205 w/nx. 455(10-4 Shamblin-AR). 343(9-24 Soomre-MA). 222(9-25 Brown-IL)
- 9764.4 1302 Capital Radio: EE; end nat'l nx, "That is the latest Capital Radio news, brought to you by Benson & Hedges", wx, sports. fair(9-14 Sheedy-CA)
- 17780 1500 R. RSA: EE; YL w/freqs, nx, "Africa Today" tlk abt sanctions.343(9-10 Bingham-MA)

SOUTH WEST AFRICA [Ed. note: You and I know this is Namibia, but until that's its official moniker I feel compelled to call it SWA.]

- 3270 0135 R. SWA: AFK; all-mx pgm, ute QRM @0150, not one anmt hrd at any time. 322 9-22 Zirkelbach-CA). @0053 similar pgm. 322(9-25 Sharp-FL). @2356 same stuff, but ID by OM @0000. 343(9-15 Dillon-MD)
- 3295 0330 R. SWA: EE; "This is Radio South West Africa", EZL/pop mx, into Afk @0400. 443(10-7 Staats-IL). @0336 EZL mx, 0358 gtr IS, YL ID in afk & OM ID EE "This is the all-night see of R. SWA". 242(9-14 Orr-FL). @0350 EZL mx to multi-lang. ID @0400 "...good night and have a joyful day" foll by early AM farm noises..sounded like :20 of Botswana IS! 343(9-14 D'Angelo-PA). @0500 time pips, JE ID. nx Afk. 352(9-22 Granone-NM). 222(9-17 Abbinante-IL). 323(9-16 Ziegler-ME)

SUDAN

5039 *0358 R. Omdurman; AA; IS, pips @0400, OM ID mentions freqs, into Qu'ran recitations; ute QRM. 322(10-15 Quaglieri-NY). @0407 YL wailing vocals w/ swirling flute backup; poor w/multitude of hets. 322(9-24 Lowe-NC)

SWAZILAND

3200 0357 TWR: GG; chime IS w/EE IDs, organ mx, GG ID @0400, into rel. sermon; no sign of Libya. 333(9-23 Sharp-FL)
3275 0345* TWR: VERN; caught end of "Onward Christian Soldiers, TWR IS & quickie closing theme (pretty short for anthem). fair (9-30 Sheedy-CA)
5055 0412 TWR: GG; rel. hymns, OM tlk, clr ment. of "Manzini", atop TIFC.433(9-23 Sharp
5955 0431* TWR: ??; caught s/off w/chime IS; //3200 & 5055. 333(9-23 Sharp-FL) [-FL]

TANZANIA

3339(t) 0324 R. Tanzania Zanzibar: SWA; lcl flute mx & OM tlk, vy poor sig, ECSS helped somewhat. 222(9-23 Sharp-FL)
5050 0311 R. Tanzania: SWA; lcl anmts bt OM, brief drum solos, UTE QRM.322(9-23 Sharp-
9684 1820 R. Tanzania: EE; agitated political harangue from "R. Freedom" b/c, mx [FL] @1826, ID @1830 "You're tuned to the External Sce. of R. Tanzania, Dar es Salaam". 211(10-14 Quaglieri-NY). @1317 in SWAHILI, OM tlk, lcl mx, vy wk w/QSB, no ID hrd. pr-unusable(9-21 Sharp-FL)

TOGO

5047 0545 R. Lome: FF; gtr/horn mx, OM ID @0552 "Ici Lome, Radiodiffusion-Television Togolaise". 433(9-25 Kustra-AZ)
5047 2352 R. Lome: FF; pgm of Marvin Gaye mx, poss. nx 2300, "Bonsoir" then OM w/"Ici Kara...", into bouncy NA and 2305*. 433(9-23 Lowe-NC). @2320 usual pgm of light mx, talks de laid-back ancr, weak mod. 343(9-20 Sharp-FL)

TUNISIA

9675 2058 R. Tunis: AA; AA vocals & tlk, poor under REE Spain;//7225. 212(10-9Sharp-
11730 1559 R. Tunis: AA; AA mx, ID exactly @1600, mixing w/UAE Dubai. poor(9-24)|FL)

UGANDA

5027 0404 R. Uganda: EE; RU returns..EE nx by OM, ID mentioned Uganda but sounded longer than just "R. Uganda"; bad het. 422(9-24 Lowe-NC). @0433 w/lots of lcl mx, lcl msg for family in Kampala, occ. TCs. 323(10-10 Sharp-FL)

ZAIRE

4753.5t 0319 R. Lubumbashi: SWA?; only lcl vocal mx heard, no tlks or IDs noted; weak just above QRN. 233(9-23 Sharp-FL)

ZAMBIA

3346 *0354 R. Zambia: EE/VERN; "Fisheagle" IS to 0358, then NA, OM ID; some ute QRM. 333(10-10 Sharp-FL). @ 0355 IS, NA, mx pgm, ID, IS agn. 333(9-1 Hawk-VA)
4911 *0331 R. Zambia: EE/VERN; "Fisheagle" IS to 0353, NA, OM anmts, "One Zambia, One Nation". 323(9-21 Sharp-FL)

ZIMBABWE

7122.9 0808 V.O. Zimbabwe: EE/VERN; local mx; deep church bells @0829, into vocal mx almost religious in nature, @0842 OM ancr "You are tuned to the Voice of Zimbabwe", into tlk in unid lang. 242(10-6 Yeager-PA)(nice report,Carl-ed.)

Well, I knew things were going too smoothly with this first column, and sure enough, confusion knocked on my door disguised as a huge pile of loggings from David Sharp; since I have no computer to zap this info into for instant revision (Speed..where are you??), what follows are the juicier items out of the bundle. All are from (Sharp-FL):

ALGERIA

9685 2017 R. Algiers: EE; ID by hyper OM, into rock mx pgm; mediocre strength. 333(10-
15205 1430 R. Algiers: AA; YL tlk < ID, OM tlk; audio had bad hum. 323(9-24) 9)

ANGOLA

4820 0510 E.R. da Huila(t): PP; OM tlk, mentions Angola, fanfare @0513, more tlk, mixing w/Botswana. poor (9-24)
4940 0422 UNID: PP; vy wk, sometimes readable; PP OM tlk, lcl mx, no ID noted; anyone get a positive ID here? 242(9-15) (see logging on 1st page-ed.)
5360v 0427 R. Nacional: PP; Om tlk, QRM; this xmtr moves all over the place. 222(9-23) (I believe this all-nite sce is called "R. Madrugada" ((R. Dawn))at times-ed.)

BOTSWANA

3356 0351 R. Botswana: SETS; cowbell IS, hvy ute QRM 3357.5. 311(9-24)

THE DAVID SHARP SHOW (cont.)

BURUNDI

3300(t) 0418 L.V. de la Revolution: KIR?; Afro chants and mx hrd under TGNA, almost gone by 0435. 222(9-16)

CAMEROON

4000 0504 R. Bafoussam: FF; occasional babble by OM in FF/verns, some ARO QRM. 323(9-24)

CANARY ISLANDS

15365. 2247 REE Relay: SS; alternating tlk OM/YL. fair (9-16)

CAPE VERDE

3931 2355 Voz de Sao Vicente: PP; ballad, OM ID, NA, s/off w/gong 0000*. 322(9-24)

CONGO

15190(t)1330 RTV Congolaise: Afro mx hrd above cochannel jammers, vry poor audio and no anmts at all. 232(10-10)

EGYPT

17745 1251 R. Cairo/Voice of the Arabs: AA; solid YL AA vocal, brief OM tlk, into modern AA mx, more Yl tlk. 333(9-21)

EQUATORIAL GUINEA

4925 2149 R.N. Bata: SS; lcl mx to 2151, then OM tlk & more mx, s/off w/long NA (2156-2159*). 343(9-29)

ETHIOPIA

7110 0328 V.O. Revolutionary Ethiopia: AMH; brief flute IS, OM ID, signal already starting to fade; military band NA @0331, more OM tlk. 333(9-20)

GABON

4777 2342 RTV Gabonaise: FF; OM tlk, hilife mx, ute QRM. 333(10-8)

GUINEA

15308 1447 R.D. Nationale: FF/vern; tx de Om ancr, lcl mx, poor audio; seems to have settled this freq.(believe it when I see it-ed.) 353 (9-23)

GUINEA-BISSAU

5475.5 2331 R. Nacional: PP; lcl vocal mx, YL tlk, mx, YL tlk @2359, ID by OM, NA and s/off to 0003*. 323(10-3)

KENYA

4885 0335 V.O. Kenya: EE/SWA; OM tlk & mx noted under Latin stn, earlier check @0300 had this //7220. 222(9-20)

7220 0250 V.O. Kenya: EE; OC to 0257, flute/drm IS to 0300, EE ID: "The time is 6 o'clock. You are listening to a test xmsn from the V.O. Kenya...", then rapid fade. fair (9-20)

IVORY COAST

7215 2021 R. Abidjan: FF; pop mx, YL tlk, wk signal but no sign of TRT. 152(10-9)

MAURITANIA

7245 0612 RTV Mauritanie: AA; Qu'ran recitations to 0615, then OM ID & gtr mx; nothing noted on 4845..I believe these two freqs alternate. fr(9-24)

MAURITIUS

9709(t) 0409 MBC: EE; vry weak, hrd traces by throwing rcvr into LSB, but no ID noted; occasionally hrd @1000 this freq. pr-unusable(10-10)

MOROCCO

11920 1607 RTV Marocaine: AA; AA mx, no ID, but // better 15335. 232(9-21)

15105 2105 RTV Marocaine: AA; OM nx to 2107, ID, into synthesized mx. 344(9-20)

15335 2148 RTV Marocaine: AA; AA mx, some OM tlk, //11920. 333(9-20)

15360 1447 RTV Marocaine: AA; speech by OM, //17595 & 15335. 233(9-24)

17595 1621 RTV Marocaine: AA; AA vocals, some OM tlk//other RTVM freqs. 343 (9-21)

17855 1553 VOA Relay: RR?; YL/OM tlk, ID, pop mx. 242 (9-24)

NIGERIA

4770 0440 R. Nigeria-Kaduna: EE; lcl nx OM, TC, ID "Channel 1, Kaduna". 333(9-24)

4990 2204 R. Nigeria-Lagos: EE; OM nx, ID @2205 "This nx came to you frm Lagos" fr(9-29)

DAVID SHARP'S NIGERIA (cont.)

6050 2142 R. Nigeria-Ibadan: EE; soft tkl by OM/YL, co-chan. QRM. 322 (9-20)
7255 *2028 V.O. Nigeria: EE; drn IS to 2030, fanfare, into nx by OM. 253 (10-9)
11770 2013 V.O. Nigeria: EE; nx cmtry OM, ID, some QRM noted. fair (10-9)
15120 2130 V.O. Nigeria: EE; wld nx in clr after co-channel UN Radio s/off; ID @2135
"This nx is coming to you from the VON, Lagos". 333(10-9)

SENEGAL

4890 0621 RTV Senegal: AA; cont. AA mx, sig begins to fade. 243 (9-24)
4892 2321 RTV Senegal: VERN; om tkl over exotic mx; off nominal 4890, but back there
9-30.(they wander slowly between the two-ed.) 454(9-28)

SEYCHELLES

11865 0258 FEBA: ??; tone IS to 0301, exotic mx on wind instruments, into rel. pgm. 243
(10-10)

SOMALIA

7200 0304 R. Mogadishu: SOM; poor, w/lcl mx & OM tkl, bad het. 222(9-23)

SOUTH AFRICA(t)

5015 *0430 R. Truth (clandestine): EE; bird IS to 0433, YL ID "You're listening to Radio
Truth", orchestral mx, YL cmtry. RDBI puts site in So. Africa (I've heard
it's in Zambia-ed.). 343 (9-24)

TANZANIA

4785(t) 0425 R. Tanzania: SWA?; only occasional words by Om hrd, severe fades, 5050
covered by ute. poor (9-24)

.....

A note from Russ Lay of GA: "My motivation in writing was in regards to two loggings
of TWR Swaziland in your October column. I thought the timing unusual based upon my past
experience with TWR, so I tuned down and gave a listen. Sure enough, the only EE reli-
gious programming i was able to hear belonged to TIFC-Costa Rica. Generally, TWR does not
sign on until 0400 GMT (both loggings were well before that). About 0353 or so they crank
up their interval signal, interspersed with EE IDs "This is Transworld Radio, Swaziland".
At 0400 they sign on. On a good to excellent African night, you will be able to hear both
stations mixing it up after 0353. Before that time, you are most probably tuned in to TIFC."

.....

You know, folks, as wintertime draws near, our daylight hours grow shorter and shorter
(I hope this didn't come as a rude surprise to any of you!), until the year's poorest
excuse for a day, December 21 (I believe). Mid-day activity on 40 and 49 meters has really
picked up in the past few weeks, and, for about 30 days on either side of 12-21 there will
occur some excellent opportunities for spectacular 49 and 60 meter band catches, propa-
gation deities willing. DX'ers on ECNA should be on the lookout for those early signers:
Burundi-3300-2100*; Congo-4843-2000*; Kenya-4804 & 4934-2010*; Mozambique-3338-2215* and
0300, also 4902-2000; Rwanda-6055-mixing w/Czech to 2100*; Senegal-6045 and 6180-1800*
(good luck); and elusive little Tristan-3290-2205*. Those of you in the Midwest thru the
West Coast will want to try for the guys who quit between 2200-2400, that EC DX'ers take
for granted. Elsewhere in the northern hemisphere, expect lo-band reception from your east
at early afternoon hours also. Seems like the perfect way to while away a chilly December
Sunday afternoon to me (several other perfect ways also come to mind, so use your imagi-
nation if your receiver poops out). I have high expectations from the lot of you, and you
can bathe in your own glory by sharing your amazing DX-catches with me and thus with the
world.

.....

Here are my admittedly-flexible guidelines for AFRICA contributions: Please submit
on standard report forms or reasonable facsimiles..and cut them up, please. Print or type
your info as clearly as possible..I can't read foreign alphabets. Send them either to
Peggy, your friendly Central Distribution Editor (address back page), or to me...if you're
a procrastinator like myself, send them directly here. Deadline is the 12th, so don't pop
your stuff into the mailbox on the 10th and expect them to make it on time. Try to give
some details of your reception to keep the column interesting..."OM nx & mx" is hardly the
stuff of great literature. You can usually skip song titles, though. If you didn't hear an
ID, your report should be labelled (t). The oldest logging I'll use will be the first day
of the previous month, so if deadline is December 12, don't send anything you heard before
November 1, for example; exceptions will be made for overseas contributors or exceptional
DX. Please let me know how you feel about any of these guidelines, and about the column
in general this month. I need your feedback to keep AFRICA responsive to your needs!

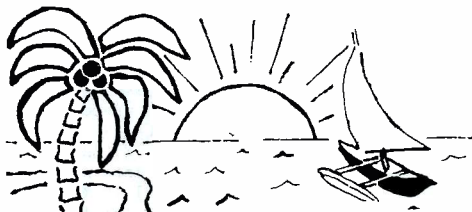
(46) Thanks again to all of our wonderful contributors for their efforts! Hope you all have
a smashing successful DX-season, and also the Happiest of Thanksgivings.

- al

ASIA-OCEANIA

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

I'm sure you will notice a number of changes in this month's bulletin. First of all is Al Quaglieri, our new African editor. I had the pleasure of talking with Al today and he is very enthused about his new position. Let's all welcome Al to the SPEEDX staff by giving him the same tremendous support I have experienced as A/O editor. Speaking of tremendous support, I invite all members to check out the fantastic selection of loggings this month. Many stations that have not been reported since last spring are included. If these loggings are any indication, I'd say we are in for a good DX season. Another change this month is the type of this column itself. I finally gave in and purchased an electronic typewriter. Operation of this baby is totally different from my old electric portable, so please excuse the mistakes until I get used to it.

<u>BANGLADESH</u>		<u>R. Bangladesh</u>
15525	1250	RB: EE: YLanncr w/mx & cmt; weak (322 9/22 Hunt-NC)
17670	*0630	RB: BENGALI: IS, ID; S. Asian vcl mx; YL w/Asian nx (353 9/23 Shimada-JP)
<u>BURMA</u>		<u>Burma Bcast Service</u>
4725	1337	BBS: UNID: lcl pop mx w/YL host; hrd using ECSS; CW QRM (444 9/18 Miyau-chi-JP)
5985	1445	BBS: EE: YL w/SE Asian nx to 1500 then OM w/spts; IDs @ 1450 & 1500 & "that is the end of the nx from the BBS in Rangoon"(fr-gd 10/1 Sheedy-CA)
<u>CHINA (PEOPLE'S REPUBLIC)</u>		<u>R. Beijing</u>
2340t	1205	FFS-1: CC: presumed w/tlk by YL, CC cl mx (222 9/9 Forsgren-WI)
3970t	1015	Nei Menggu: CC: YL vcl mx; long tlk by OM (433 10/1 Nowicki-CA)
4045	1035	FFS-1: CC: OM vcls w/trad mx instruments (343 9/21 Nowicki-CA)
4380	1045	FFS-2: CC: flute mx w/OM & YL annrcs (333 9/21 Nowicki-CA)
4960	1045	RE: JJ: oriental mx, nx(?) @ 1100; QRM de co-channel R. Federacion, Ecuador (222 9/15 Dillon-MD)
4990	1350	Hunan-1: CC: CC mx w/tlk & laughter; 1445 f/out (353 9/30 Donegan-CA)
5265	1158	FFS-1: CC: CC mx, TPs & ID by OM @ 1200; QRM (222 9/29 Prath-FL)
5900	*0954	FFS-1: CC: IS, ID w/ment of Taiwan, mx, 6TPs @ 1000(9/28 Dillon-MD)
5950	1340	Heilongjiang-1 Harbin: CC: CC trad vcl & cl mx; ID by OM & YL then nx (243 9/17 Sharpe-CA)
6790	1115	Taiwan 2: CC: OM tlk, poss ID @ 1130; brief mx (222 10/5 Prath-FL)
9535	1200	RE: EE: wld nx (544 10/5 Valentine-CA) "Music Album"(Beaudoin-CT)
9550	1430	RE: EE: nx, cmt, mx; QRM de VOA on 9555; //9730 (533 9/21 Donegan-CA) cl CC mx beamed to SE Asia; 1455* (434 9/28 Blair-CA)
9610	2200	RE: SS: IS, ID, tlk & mx (222 9/21 Zilmer-NM)
9730	1441	RE: EE: "Listener's Letterbox" (333 9/29 Zilmer-NM)
9760	2231	RE: EE: cmt by OM & YL (545 9/27 Trent-AK)
11575	2115	RE: FF: mx, ID, sked & 2125* (443 9/18 Miller-CA)
11860	1123	RE: EE: tlk on architecture; "Music Album" (333 9/22 Bingham-MA) @ 1200 EE: 3rd World pgm; Buddhist theory (333 9/11 Morin-ONT)
15120	0127	RE: SS: tlk on Chinese tea (444 9/30 Grosvenor-CA)
15385	0004	RE: EE: wld & lcl nx, cmt, mx (233 9/19 Gerstner-NY) "Listener's Letterbox"-does China have polygamy?(yes!); 0056*(9/22 Brown-IL)
15520	0000	RE: EE: nx of US farm credit system crisis (545 9/10 Robinson-TN) wld & lcl nx; CC folk mx; // weaker 15385 (555 9/1 Knight-WA) tlk on econ progress in China (243 9/28 Shamblin-AR)(Addison-KS) "Letterbox" on papercutting (434 9/4 Bishop-NY) piano mx, "Learn to Speak Chinese" (343 9/19 Manderscheid-CA)

CYPRUS11945 1615 BBC: RR: YL w/ID; t1k by OM; QRMed R. Sweden (333 9/10 Trotto-FL)INDIAAll India Radio9545 1510 AIR Delhi: HINDI(?): trad Indian mx; OM t1k (253 9/24 Trummel-FRG)11620 1945 AIR Aigarh: EE: chanting into EE @ 2000 (242 Beauvain-CT)INDONESIARadio Republik Indonesia3215 1200 RRI Manado: IN: pop mx, YL w/ID, SCI into nx (222 9/12 Forsgren-WI)4774.5 1728 RRI Jakarta: IN: nice lcl mx; // better 3276.8 (343 9/21 Miyauchi-JP)4607 1328 RRI Servi: IN: nice steel guitar mx; OM t1k to abrupt 1332* (343 9/11 Thompson-CA)4845 1220 RRI Ambon: IN: end of nx, ID into pop mx (333 9/8 Forsgren-WI)4866 1214 RRI Wamena: IN: up-tempo vcls; OM w/ment of Djarta, then more mx (343 9/21 Thompson-CA) nice one Peggy...RBT4932 1137 RRI Surakarta: IN: Indo pops; YL ID @ 1158 "inilah RRI nusantara dua Surakarta", IS into nx (222 9/7 Forsgren-WI) @ 1151 IN: pop mx to 1200 SCI, 5 TPs & RRI ID & Jakarta relay nx (fr 9/12 Sheedy-CA)5046 1450 RRI Yogyakarta: IN: INDO mx; OM w/ID, IS, t1k (333 9/23 Carlson-WA)7270 1340 RRI Jakarta: IN: lagu lagu pop; ID, SCI, nx @ 1400 (9/30 Sharpe-CA)11770 1515 RRI Jakarta: VERN: domestic svc of mx & cmty (454 9/24 Donegan-CA)11790 1500 V. of Indonesia: EE: nx, cmty, pop mx (232 9/28 Zilmer-NM) tropical-style mx, nx, into GG @ 1600 (344 Kustra-AZ) 153 Donegan-CA)RRI Pekanbaru on new 5895, ex-5880 & 5885 at 1300. (Craig Seger, SWLD 9/30)IRANV. of the Islamic Republic of Iran9022 1933 VOIRI: EE: nx, martial mx, Part 3 of report on Iran & the Persian Gulf (232 9/10 Bingham-MA) IL15084 1640 VOIRI: FARSI: nx of Islamic nations; "bubble" jammer (9/24 Abbinante-IL)IRAQR. Baghdad9610 2030 RB: EE: AA mx; nx of bombing of Kharg Is.; t1k on Iran's treatment of POWs (222 9/24 Bingham-MA) nx w/hvy QRM (433 9/21 Hunt-NC)Sawt-ul Jamaheer (V. of the Masses) on new 6190//9745 to Europe, possibly 500 kW.

(Andy Sennit, WRTH on MEDIA NETWORK 9/26)

ISRAELKol Israel5900 0215 KI: EE: Old Testament study; "TGIF" pgm (9/21 Jones-TX) new freq?..RBT7410 0108 KI: EE: nx, "Forum" pgm (454 9/19 Gerstner-NY) t1k on Holy Days (544 9/14 Neff-OH) pgm abt Joy in Prayer; 0126* (454 9/26 Bingham-MA)7412 0100 KI: EE: Israeli nx; // 9435 (333 9/10 Dillon-MD)9009 0500 KI: EE: lcl TC: Morning nx report, wx (222 9/26 Bingham-MA)9435 0000 KI: EE: nx, PLO threats to Israel (544 9/24 Miller-CA) relg pgm (344 9/28 Shamblin-AR) t1k on Ethiopian Jews (Manderscheid-CA) pop mx to 0030* (333 9/25 Addison-KS) t1k on Nazis @ 0114 (Bishop-NY) nx, NAm sked (232 9/23 Kustra-AZ) (Donegan-CA) (Bingham-MA) (Stransky-NY)9440 2245 KI: EE: special pgm for Holy Days; HH @ 2300 (534 9/15 Brown-IL)9815 0005 KI: EE: nx, "TGIF" (555 9/27 Woering-MA) @ 0100 w/nx that armed patrols in Arab towns declared illegal (433 9/9 Coleman-MA)11585 1801 KI: EE: 10% of Israelis live below poverty level (343 9/10 Bingham-MA)11605 2010 KI: EE: "TGIF", "Spotlight"; FF @ 2030 (9/27 Woering-MA) pgm for Yom Kippur (9/25 Bingham-MA) *2230 w/nx; //11655, 7410, 9435 (554 9/28 Prath-FL) @ 2214 FF: Jewish New Year pgm (444 9/17 Abbinante-IL)13720 1800 KI: EE: MidEast nx, t1k abt Yom Kippur (322 9/25 Bingham-MA)13725 2133 KI Reshet Bet: HH: cl mx; phone calls; 4 short & 1 long TP; ID, nx @ 2200; ads, more listener calls; anthem & 2305*; //11585 (D'angelo-PA)15560 1111 KI: EE: t1k on Jews who attend synagogue on holidays; "TGIF"; ad for Color Express Photo Labs (343 9/6 Bingham-MA)15585 1845 KI: HH: YL t1k; TPs @ 1900 into PLO t1k (544 10/1 Miller-CA)17630 1300 KI Home Svc: HH: ID, nx (333 9/24 White-FL)17710 1700 KI Home Svc: HH OM & YL w/ID & nx (333 10/2 White-FL) @ 1353 w/IS, time tone @ 1400, OM t1k, poss. in RR (333 9/8 Brewer-AR)JAPANFar East Network; Nihon SW Bcast; R. Japan3910 0855 FEN: EE: sports t1k show on Pete Rose; ID @ 0900 (333 9/21 Nowicki-CA) PSA for military schools; ball scores; ARO QRM (9/27 Thompson-CA)3925 0910 NSB: EE: ID as "R. Tanpa"; top 40 mx (434 9/21 Nowicki-CA)6080 *1300 RJ: CC: IS, ID by YL in JJ & OM in EE into nx; QRM de R. Australia (222 9/7 Trotto-FL)6155 0835 FEN: EE: rock mx, Army ad, wx, AP nx @ 0900 incl "Sportspage" w/Ken Allen (444 9/2 Kustra-AZ)

9505 0715 RJ: EE: "R. Japan Journal" (544 9/21 Blair-CA) @ 1628 JJ: tlk of Mexican earthquake, mx (544 9/21 Miller-CA) (CA)
 9595 0705 NSB: JJ: pop & rock mx (434 Kustra-AZ) @ 1000 JJ: tlk & mx (Donegan-CA)
 9645 1700 RJ: FF: ID as NHK; tlk on earthquake (534 9/21 Miller-CA)
 11875 0106 RJ: EE: wld & lcl nx; ID as beamed to ECNA: 0115* (9/30 Miller-CA)
 11950 *0500 RJ: EE: wld nx, "Commentary"; "What's on R. Japan" w/YL; "Tokyo Pop-In" "Crosscurrents"; // 17810 (555 9/2 Neuverth-CO)
 15190 0250 RJ: EE: ID, nx (444 9/14 Trent-AK)
 15300 0022 RJ: EE: tlk on 40th anniv of UN (233 9/19 Gerstner-NY)(Bishop-NY)
 17825 0320 RJ: SS: cmty on difference btwn Japanese & European peoples (433 9/29 Grosvenor-CA)

JORDAN: R. Amman hrd in AA on 9530 from 1400; also 11920, 1200-1300. (Peter Bunn, ADXC on SWLD 9/23)

KOREA (DEM. PEOPLE'S REP.) R. Pyongyang
 2850 0920 RP: KK: female choir mx w/YL anncr (322 9/21 Nowicki-CA)
 9555 1200 RP: SS/CC: lots of tlk, some mx (454 9/26 Donegan-CA)
 9625 1500 RP: EE: slow mx, "Great Leader" tlk; //11880, both noisy (Donegan-CA)
 9977 1140 RP: EE: non-descrip tlk; cl mx; low mod (pr 9/13 Cereghin-MD) @ 1558 EE: long tlk, band mx (454 10/1 Donegan-CA)
 12000 0750 RP: EE: YL gave next bcst time as 2000; s/off w/NA (444 Kustra-AZ) (444 9/28 Trent-AK)

KOREA (REPUBLIC OF) R. Korea
 3930t 1405 Korean Bcast System: KK: Home Svc w/nx? by 2 OMs incl ment of "Korea"; ARO QRM (433 10/2 Berri-CA)
 5975 1405 RK: KK: wld nx by OM & YL; pop mx (333 9/17 Sharpe-CA)
 9570 1434 RK: EE: "Shortwave Feedback" (242 9/29 Zilmer-NM) @ 1111 EE/KK: IS, ID in EE & KK; 1115 s/on in KK?; vy weak (252 9/21 Welch-MA)
 9750 *1400 RK: EE: "Weekly News Review"; "Youth In Action"; "SW Feedback"; // 15575 (555 9/8 Neuverth-CO) cooking & lang lessons (9/26 Donegan-CA)

Echo of Hope hrd 1055-1403 on 5885 by Dave ?-CA. (SWLD 10/14)

KUWAIT R. Kuwait
 9840 2026 RK: AA: intvw on ME politics; AA mx, ID, wld nx (433 9/7 Dillon-MD)
 11675 1903 RK: EE: "Mohammed, Light of Islam"; rock mx (322 9/24 Bingham-MA) @ 2048 EE: rock mx featuring "Chicago" (333 10/1 White-FL)
 15505 1710 RK: RK: Qur'an reading; wld nx in AA; QSB (232 9/24 Abbinante-IL)

LEBANON Radio Voice of Lebanon
 6549 0310 RVOL: AA: EZL mx w/YL anncr (253 9/25 Trummel-FRG)

MALAYSIA (EASTERN) RTV Malaysia
 4950 1403 RTM-Kuching: EE: UN proceedings on S. Africa; lcl nx; cmty on illegal immigrants; Euro-US pop mx (343 9/13 Sharpe-CA) @ 1435 MALAY/EE: pop mx, OM tlk; EE ID (333 9/21 Miller-CA) (352 9/16 Donegan-CA)

MALAYSIA (PENINSULAR)
 5965 1500 RTM-Kuala Lumpur: MALAY: YL & OM host phone in pgm w/lcl mx; nx; 4835-Kuching & 4970-Kota Kinabalu also relayed till after nx (1535), then separate pgms (444 9/21 Miyauchi-JP) wld & lcl nx; ID by YL, Malay pop mx (233 9/17 Sharpe-CA)
 6025 1412 RTM-Kuala Lumpur: CC: CC pop mx; ID, nx by OM w/ment of Pr. Min. Datuk Sri Mahathir (433 9/16 Sharpe-CA)
 7295 1400 RTM-Kuala Lumpur: EE: western mx w/OM anncr (342 10/3 Donegan-CA) "Perspective" on UN Radio; pop mx (333 9/30 Sharpe-CA)
 9750 1630 V. of Malaysia: VERN: mx to 1655 then OM tlk (252 Donegan-CA)

OMAN R. Oman
 11890t 1438 RO: AA: occ. f/in w/AA chants; QRM de co-channel CC stn & jammers DU, TU, RQ; vy pr-tent at best (121 9/22 Trummel-FRG)

PAKISTAN R. Pakistan
 9465 1703 RP: EE: wld nx by YL; IDs (333 9/29 Soomre-MA) Pak. mx, ID, Qur'an, into URDU @ 1745 (343 9/24 Trummel-FRG)
 15595 1601 RP: EE: slow-speed nx; 1615*; QRM de VOA-Liberia on 15600 (333 9/24 Morin-ONT)
 17660 1603 RP: EE: slow-speed nx by OM (242 9/16 Trotto-FL)
 17760 1606 RP: EE: nx incl report that martial law to be lifted & abt change of image toward democracy (232 9/10 Bingham-MA)

I'm still waiting for verification of a R. Pakistan bcst hrd in March -guess a followup is due to be sent or another report. RBT

PHILIPPINES R. Veritas Asia; VOA Relay; Far East Bcast Co.
 9670 1501 RVA: EE: listener's letters, some mx; sig quality varies day-to-day (453 9/10 Donegan-CA) (Kustra-AZ)
 9760 1210 VOA: EE: "Focus"; nx in special EE; "This is America" on eskimoes (333 9/2 Gerstner-NY)
 11965 1300 VOA: CC: IS noted weakly under QRM (pr 9/22 Cereghin-MD)
 15320 *2300 FEBC: EE: IS, ID, TPs; "DX Dial" pgm w/Alok Das Gupta; "Chords of Love"; Asian & wild nx @ 2330; changes to 11815 @ 2400 (9/21 Shimada-JP)

QATAR Qatar Bcast Svc
 15265 1440 QBS: AA: AA mx w/OM annrc; ID @ 1503 "Idha'at al Qatar Min al-Doha" into nx?; jammed (433 9/22 Trummel-FRG)

SAUDI ARABIA Bcast Svc of the Kingdom of Saudi Arabia
 15060 1420 BSKSA: AA: AA mx, ID; nx @ 1430 into more mx & tlk by OM & YL (343 9/29 Trotto-FL)

BSKSA on new 15140 and 15435 at *0500. (Craig Seger, SWLD 9/23)

SINGAPORE Singapore Bcast Corp; BBC Relay
 5052 1500 SBC: EE: nx, ID, pop mx pgm w/YL; // 11940 (weaker) (322 9/23 Carlson-WA) @ 1300 EE: nx, pop mx (333 9/20 Ziimer-NM)
 9740 1657 BBC: EE: "It's Your World" w/author John LeCarre; nx @ 1700 (544 9/29 Blair-CA) @ 1100 w/nx & cmt; gd sig (454 10/1 Donegan-CA)
 11750 1530 BBC: EE: soccer match; wld nx @ 1600 (544 9/28 Blair-CA)
 11940 1530 SBC: EE: YL annrc w/C&W/rock mx (544 9/30 Thompson-CA) mx, nx to 1605* (353 9/24 Donegan-CA)

SRI LANKA Sri Lanka Bcast Corp
 4902 1720 SLBC: SINHALA: OMw/vcl, no instruments; YL tlk; No ID but s/off w/Sri Lanka NA w/chorus @ 1734 (242 9/21 Miyauchi-JP)

SYRIA R. Damascus
 9565 *2000 RD: EE: nx, AA mx, Press Review; // 12085 (444 9/16 Trotto-FL)
 12085 2023 RD: EE: Press Review; EZL mx; "Around the World in a Week"; pop mx, nx brief, anthem & 100* (343 9/25 Morin-ONT)(9/20 Hunt-NC) @ 1550 AA: tlk, mx ("Bolero?"), AA mx; QSB (222 10/1 Abbinante-IL)

TAIWAN V. of Asia; V. of Free China
 5980 1500 VOA Kao-hsiung: CC: lang lesson to Malaysia & Hong Kong; EE sked 1100-1200 (343 9/26 Donegan-CA)
 9600 1027 VOFC: CC: good CC mx w/OM annrc (453 10/2 Donegan-CA)
 11745 1135 VOFC: CC: BCC ID; CC to JJ lang (9/5 Beaudoin-CT)

TURKEY V. of Turkey
 7215 *2300 VOT: EE: nx, Review of Turkish Press; //9560 (333 10/5 Prath-FL) Turk. pop mx; ARO QRM (323 10/1 Woering-MA) DX pgm, mx (9/7 Trotto-FL)
 9560 2210 VOT: EE: Turkish mx; YL w/sked; QRN (434 9/17 Miller-CA) EZL mx; end of EE @ 2250 (444 9/18 Abbinante-IL) @ 0425 EE: Turk. pop mx; tlk on architecture in Turkey (333 10/5 Bingham-MA)

USSR (ASTAN) Radio Moscow World Svc
 4485 1430 Petropavlovsk-Kamchatskiy ARSFSR: RR: Byelorussian Rep. Pgm of nx & mx (544 9/30 Sharpe-CA)
 6035 1510 UNID: RR: M2-Mayak pgm of nice instl mx; on top of R. Australia (423 9/29 Sharpe-CA) Khabarovsk?...ed
 6080 1535 UNID: RR: Mayak pgm of instl versions of US pops incl "Second Hand Rose" & "Donkey Serenade" (434 9/29 Sharpe-CA) again Khabarovsk conforms w/URSC D1984 sked...ed
 7160 1430 RMWS, Unid site: EE: nx, "Focus on Asia"; Geo Gershwin mx (544 9/15 Sharpe-CA) RDI lists Omsk ARSFSR on this freq in RR at other hrs...ed
 7195 1125 RMWS, Far East site: CC: tlk, Western pop songs sung in CC/RR; theme mx from "The Soviet Way of Life"; ARO QRM (333 9/29 Dillon-MD) RDI says CC from Komsomol'sk 1300-1700, not sure abt this hr tho...ed
 7200 1520 Mayak: RR: 1t cl mx w/OM annrc; IS @ 1530 (533 9/30 Thompson-CA) site could be Vladivostok...ed
 7210 1100 Khabarovsk ARSFSR: RR: 1st Pgm Domestic Svc of literary narrative w/ cl mx interludes; ARO QRM (333 9/29 Dillon-MD)
 12020 *1230 R. Stantsiya Atlantika, Chita ARSFSR: RR: testtone, anthem, ID by YL into nx, then pgm of EZL mx (555 9/20 Trummel-FRG) may actually be a Euro SSR site due to 555 signal...ed MD)
 13605 2230 R. Vilnius, Khabarovsk ARSFSR: lang: IS, ID into nx?(fr 9/15 Cereghin-RDI lists Vilnius EE s/off @ 2230, then into R. Peace & Progress, but with the Soviets, you never know for sure what is on & when...ed

COOK ISLANDS CIBNC-R. Cook Islands
 11760 0403 RCI: EE: YL hosting pgm of Polynesian-style mx. She also talked abt the mx played (333 9/20 Miller-CA)

GUAM KTWR
 9820 1300 KTWR: JJ: IS, ID, tlk & mx (252 9/27 Zilmer-NM)
 9870 *1330 KTWR: EE: IS, ID: "Children's Bible Hour"; "Gems of Grace" w/bible reading; "Thought for Today"; into TAMIL lang @ 1430; ex-9510 (353 9/21 Shimada-JP) "Science and Scripture" (252 9/27 Zilmer-NM)

MARIANA ISLANDS KYOI: KFBS
 11900 2330 KYOI: CC/JJ: CC/JJ type mx w/young YLs singing (343 9/22 Abbinante-IL)
 15190 0315 KYOI: EE: rock mx, ID, T-shirt ad; QRM (333 Kustra-AZ)
 15390 0900* KFBS: CC: mx, YL w/ID & address; moved to 11775 at *0900. Recently I found jamming on 11775 around 0945-is this for KFBS CC pgm? (exc 9/12 Miyauchi-JP) Acc. to RDI, BCC Taiwan's pgm to P.R. of China on 11775 is jammed from 1000 to 2200-perhaps this is what you hear. If so, then bad choice of freq for KFBS...ed

NEW CALEDONIA R. Noumea
 7170 0650 RN: FF: OM DJ w/FF pop mx, IDs; ARO QRM (322 9/21 Blair-CA) @ 1001 FF: election results interrupted by var. styles of mx, reports from the polls, TCs, ID (222 9/29 Dillon-MD) @ 1050 w/blend of EE & FF pop mx; ID & sked @ 1059, anthem & 1101*; carrier on past 1110 (353 9/4 D'Angelo-PA)

NEW ZEALAND R. New Zealand Intl
 6100 1030 RNZI: EE: pgm of mx-all titles had the word "Spring" in them in honor of the new Spring season; sked for 6100 is 1030-1215* (232 9/14 Welch-MA)
 9600 1119 RNZI: EE: pop mx; QRM de R. Moscow @ 1130; //6100 (232 9/28 Welch-MA)
 11780 *0325 RNZI: EE: not listed in latest sked per FRENEX 9/85; // 15150 opening to Pacific area, mixing w/RN Amazonia, 11780 (gd 9/26 Sheedy-CA) @ 0440 w/mx incl gospel & barbershop (343 9/22 Goodman-IA)
 17705 *2340 RNZI: EE: YL discusses changes in EE lang w/David Holloway (343 9/15 Thompson-CA) @ 0120: intvw w/blind musician (243 9/1 Beaudoin-CT) @ 0120 w/EZL mx, TC as "27 min. past 1 o'clock"; tlk pgm @ 0130; f/out by 0142 (252 9/7 D'Angelo-PA)

PAPUA NEW GUINEA
 2410 1052 R. Enga-Wabag: PD: weak but clear w/OM anncs, apparent lcl TC & lcl mx; my lstever 120m PNG! (253 9/19 Sharp-FL)
 3205 1047 R. West Sepik: PD: mx & OM tlk; Ute QRM on high side-LSB helped (333 9/19 Sharp-FL)
 3220 1130 R. Morobe: PD: good lcl mx; ID by OM as "R. Morobe-Lae-bcating on 3220 kHz" (222 9/6 Forsgren-WI) tent. @ 1041 (222 9/19 Sharp-FL)
 3235 1205 R. West New Britain: EE: sig fading, but hrd nx & pop mx; GREAT PNG morning! (242 9/19 Sharp-FL) How about letting me know the next time you come across such an opening David?..RBT
 3260 1115 R. Madang: PD: nice lcl mx' OM w/TC & ID @ 1130; QRN (222 9/6 Forsgren-WI) @ 1030 EE: OM tlk; clear ID into lcl mx (433 9/19 Sharp-FL)
 3275t 1151 R. Southern Highlands: PD/EE: vy tent w/occ. tlk; QRM de co-channel Ute (222-243 9/19 Sharp-FL)
 3290 1147 R. Central: PD: lcl chants & mx; OM tlk (333 9/19 Sharp-FL)
 3305 1142 R. Western: PD: casual tlk btwn OM & YL, some lcl mx; weaker than other PNG regionals (222 9/19 Sharp-FL)
 3315 1036 R. Manus: EE: YL tlk; lcl & reggae mx; still there at 1200 recheck! (433 9/19 Sharp-FL)
 3325 1145 R. North Solomons: super pgm of lcl mx w/OM DJ; hvy Ute QRM (222 9/21 Forsgren-WI)
 3335 1115 R. East Sepik: EE: muffled tlk-only a few audible words; some CHU QRM (333 9/19 Sharp-FL)
 3345t 1020 R. Northern-Popondetta: PD: OM tlk, no ID; hets (232 9/19 Sharp-FL)
 3360 1215 R. Milne Bay: PD: log pounding w/lcl chanting; OM w/ID & TC @ 1220 (333 9/13 Forsgren-WI) FL)
 3375 1014 R. Western Highlands: PD/EE: lcl mx; EE lcl TC & dedication(9/19 Sharp-FL)
 3385 1119 R. East New Britain: PD: laid back YL tlk (323 9/19 Sharp-FL)
 3395 1126 R. Eastern Highlands: PD: lcl mx w/occ OM tlk; unusual "polar flutter" type QRN on this freq only (233 9/19 Sharp-FL)
 3905 1056 R. New Ireland: PD: lcl mx w/few anncs; under AROs(323 9/19 Sharp-FL)
 3925t 1102 NEC Port Moresby: EE: tent w/apparent lcl nx, no ID; under co-channel NSB (222 9/19 Sharp-FL)

5965 1215 R. Western Highlands; EE: YL ancmnt into lt pop mx, //3375 (222 9/19 Sharp-FL)
 9520 1108 NBC Port Moresby; EE: weak but in clear, OM w/nx; // to better 4890 (252 9/19 Sharp-FL)

Between the two of them, I'd say the whole spectrum of PNG bcasting was covered by David and Ray. Thanks guys-nice work! RBT

SOCIETY ISLANDS

R. Tahiti

9687v 0410 RT: FF: YL tlk, island mx; some het evident (222 9/22 Abbinante-IL)
 11825 0258 RT: FF: YL w/ID @ 0300 into island mx; wk mod but gd carrier (423 9/13 Fleischaker-KY) Polynesian mx (222 9/18 Stephenson-CA)(Kustraz-AZ) @ 0112 FF: phone-in pgm of pop mx; strong het (322 9/19 Mander-scheid-CA)(Miller-CA) @ 1615 in TAHITIAN: island mx; QRM, QRN after 1700 (9/1 Keenan-CA)
 11825.7 1600 RT: FF: polynesian mx & tlk; flutter (352 10/1 Donegan-CA)
 15170 0215 RT: FF: OM w/pop mx (433 10/7 Valentine-CA)

SOLOMON ISLANDS

Solomon Islands Bcast Corp

5020 1055 SIBC: EE: like a lcl w/nx @ 1100 into presumed R. Australia relay as pop mx pgm was ala RA; TC "6 min. after 10 o'clock @ 1106 (gd 9/14 Cereghin-MD) @ 1120 w/soft rock mx, ID w/address, TC & more mx (333 9/25 Soomre-MA)

DX A/O : A quick scan thru the pages of any A/O column will reveal a noticeable lack of Far East and Pacific loggings from ECNA SWLers, excluding, of course, those of the high powered International broadcasters (R. Beijing, R. Australia etc.). Many East Coast and Central Nam listeners shy away from tropical band A/O DXing because they deem it as too difficult and not worth the trouble. I agree, it is difficult and frustrating at times, but not impossible. Granted, DXers on WCNA do have a decided edge over their East Coast and Central Nam brethren when it comes to logging the Asian and Pacific Island outlets. However, with patience, the right propagation, and some know how, it is possible to log the low power tropical band broadcasters anywhere on the continent. I have no control over your patience nor over the propagation, but I do hope to increase your knowledge. This month I will discuss the best times to listen for Asian/Pacific tropical band (90m and 60m) stations.

One reason for the unpopularity of tropical band A/O DXing among NAM SWLers is the fact that the best time to log these stations is the early morning hours-your local time. 0900 to 1200 GMT are the optimum hours for ECNA listeners, while those on the West Coast can expect good copy until 1500 GMT or later.

Fall, Winter, and early Spring are the best seasons for tropical band DXing, as the lower frequencies are not plagued as much by static. Also, there are fewer hours of daylight, giving the sun less time to ionize the atmosphere, thereby causing less absorption of the relatively low power signals usually found on the 90m and 60m bands.

A "darkness path" between the transmitter point and your receiving location is required for these low powered signals to reach your antenna. So how, you may ask, do I know what areas of the world are in darkness at a given time? One of the best sources for this info is the SPEEDX publication SUNSET/SUNRISE TIMES. This 16 page booklet, available from SPEEDX HQ for \$1.50 (\$1.25 to full members), gives the sunset/sunrise times for over 260 sites worldwide. All you need to know is your local sunset/sunrise times and a darkness path is easy to figure out. For example, say it is mid-November, you live in Boston, and wish to try for Sarawak, E. Malaysia. The SUNSET/SUNRISE TIMES lists Sarawak's sunset/sunrise times as 1037-2241 and Boston's as 2134-1154 (all times GMT). The optimum listening time thus would be between Sarawak's sunset at 1037 and Boston's sunrise at 1154. By checking RTM-Kuching's sked on 4950 kHz, you see that they s/on at 0830 thus making it possible to hear them during the optimum time. It has also been observed that reception at or near a station's exact sunset or sunrise time further enhances their signal quality. Thus, the Boston SWLer should try for the 10kW signal from Sarawak between 1030 and 1100 for best results. As mentioned before, the right propagation conditions must exist for reception, but at least now you know the best time to listen. I will discuss propagation in more detail in the Dec. A/O column.

For those of you who find it impossible to drag yourself out of bed on cold winter mornings, there is one other portion of the day when tropical band Asian DXing is possible. During the Fall and Winter months around 2100-2300 GMT, it is possible to receive signals (especially from Indonesia) via the "long path" route. Instead of crossing the Pacific or polar regions, these signals pass over Africa and the Atlantic on another darkness path. Long path signals are not as consistent nor as strong. So for the unique enjoyment found only in A/O tropical band DXing, TUNE IN EARLY!

Wow-out of room already! Until next month, good DXing and Happy Thanksgiving! 73s

Bob (53)

日本レポート

Japan Report.

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

Welcome to the November column. First, let me correct a mistake in last month's column. The Netherlands log on 17575 should have come under Madagascar. I'd also like to thank Mr. Koji Yamada for the info which appears in this issue. Note my new address.

A L A S K A

9555 *0700 KNLS: EE s/on w/ complete sked, "The Swinging Years" big-band mx pgm (gd-exc, 9/28)

C H I N A (PEOPLE'S REPUBLIC)

8425 *0400 R. Beijing: EE IS,s/on w/ YL nx, CC mx -- some CW QRM. This is an unannounced freq broadcast to WCNA (fair-good, 9/29)

C H I N A (TAIWAN)

9765 2120 VO Free China: EE tlk on economic relations with Holland, ID (fr-gd)

E C U A D O R

9860 0700 HCJB: EE DX Party-line w/ David Sharp reading the Japan Report(!) on the SPEEDX pgm -- I guess I'm a household name, world-wide now (Hi!) (good, 9/14)

G A B O N - Beginning in April 1986 the programming of the Radio Japan relay station will increase by 1½ hours to a total of 7 hours (Yamada)

G E R M A N Y (FEDERAL REPUBLIC)

15320 *1245 Deutsche Welle: IS, CG/Indo IDs, world nx, strong QSB (fr-pr, 9/14)

I N D I A

6190t 0910 AIR, Delhi (Home Service): U/lang w/definite Indian vocals & mx, but no ID due to various QRM (poor-fair, 9/28)

11810 1245 All India Radio: CC w/Indian OM/YL solo & duet vocals, "Delhi guangbo diantai" ID, some splatter from 11805 (fair-good, 9/16)

J A P A N - Since June, Radio Canada International JJ program relayed over NSB (R. Tanpa) has included an EE newscast on Saturdays at 0830 UTC (Yamada)

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

11830 *0400 R. Pyongyang: Anthem, JJ ID "Kochira wa Pyon'yan'", freqs, world nx (exc, 9/16)

Koji Yamada reports hearing a new, unidentified clandestine station probably transmitting from Korea, D.P.R. The broadcast has been monitored between 1100-1400 UTC on 5885 khz. The language is KK, but is not parallel to Voice of the Nation's Saving on 4557. Programming includes messages of thanks to North Korea & an announcement claiming Seoul as the QTH, but sound quality is that of a North Korean broadcast. Thanks Koji! I have also heard them w/ excellent signal but no ID. rmf.

K O R E A (REPUBLIC) - Next year R. Korea will inaugurate a Hindi service (Yamada)

M A R I A N A I S L A N D S - Beginning November 3rd, KFBS is expected to broadcast a JJ program on 11870 from 0730-0900 UTC with 100 kw of power. Programming is expected to be mainly of a musical nature (Yamada)

P H I L I P P I N E S

11865 0125 FEBC: EE "Good Morning India", religious tlk, mx, TCs for local Indian time, listener's letters. Moved to 11815 as of 9/14 but is unusable on that freq due to severe QRM (fair-good, 9/13)

S O V I E T U N I O N

5260 1320 Mayak, Alma Alta: RR OM vocals & tlk, FFS-1, 5265 splatter (fair,10/5)

S R I L A N K A

4940 1715 SLBC: EE BBC nx, YL ID, lite mx til 1730 s/off ID (fr-gd, 9/13)

T H A I L A N D

9655 1130 R. Thailand: EE following Thai & VV pgms, ID, world nx, lite mx, business tlk, "HSK9" ID (fair, 10/10)

Finally, another tentative Vietnamese -- Son La on 6332 at 1357* (pr, 9/29) RMF



535 TO 1610 kHz

MEDIUM waveguide* deadline: 12th

DAVID SHARP, 17602 MEADOWBRIDGE, LUTZ, FLORIDA 33549

- 570 KLAC Los Angeles/0200/Football game broadcast (423 9-22 Froemming-AZ)
- 590 KID Idaho Falls ID/0215/Football scores by OM (322 9-22 Froemming-AZ)
- 640 KFI Los Angeles/0230/ Radio Game Show (444 9-22 Gary Froemming-AZ)
- 640 R Progreso Cuba/0115/SS/Latin songs, OM ancr, nx at 0127 (Stratmann)
- 640 CBN St. Johns Nfld/0155/EZ listening piano mx, ID (353 9-5 Fraser-MA)
- 650 WSM Nashville/0150/C & W mx, ads, many ID's (353 9-5 Robert Fraser)
- 670 KBOI Boise/0252/music program (444 9-22 Froemming) Any more details ?
- 680 KNBR San Francisco/0611/baseball game, ID, Nissan ad (Klopfenstein)
- 690 R Rebelde Cuba/0148/SS/Latin songs alternating w/om (H. Stratmann-MO)
- 700 KVOI Oro Valley AZ/0300/ program of mellow mx (333 9-22 Froemming-AZ)
- 700 WLW Cincinnati/1010/news and stock report (333 9-26 Larry McKinney)
- 760 WCHP Champlain NY/2258/FD s/off, stn has relig. format (444 O'Connor)
- 770 WABC New York/0200/ID, news, AT & T ad (fr-good 9-17 Kenneth Roberts)
- 780 WBMM Chicago/1827/Cook Co. Investigation of O'Hare (454 9-28 Demmitt)
- 780 KROW Reno NV/0654/YL DJ, ID "KROW Country 78..." (222 D.Klopfenstein)
- 790 WRUM Rumford ME/2258/C & W mx, FD s/off (333 9-10 Patrick O'Connor)
- 800 CKLW Windsor ON/0422/oldies mx, lcl wx (555 9-19 Cirone-NJ)
- 800 TWR Neth Antilles/Nx headlines...Mexico earthquake (322 9-19 Demmitt)
- 820 WBAP Ft. Worth/0309/Baseball game (444 9-22 Gary Froemming-AZ)
- 830 CFJR Brockville ON/2220/rock mx, 700th AM stn hrd (9-29 Robert Ross)
- 830 R Belize/0118/EE/nx read by YL, ID @ 0124, then SS nx (444 Trotto-FL)
- 840 WHAS Louisville/0415/wx, oldies mx, sports, ads (444 9-19 Cirone-NJ)
- 850 KOA Denver/0158/KOA-85 news, into net nx at 0200 (222 9-19 Demmitt)
- 880 WBBS New York/0955/lcl nx and wx (444 9-26 Larry McKinney-PA)
- 880 KRVN Lexington NE/0315/Baseball broadcast and stn ID (444 Froemming)
- 890 WLS Chicago/0655/Tx show, PSA's, stn promos (444 9-9 Josh Gaffin- NY)
- 900 LV de America Latina Mexico/0800/SS/OM ID, YL/OM tx (434 R.Trotto-FL)
- 900 CHML Hamilton ON/0657/Top 40 mx by Air Supply, etc (434 J. Gaffin-NY)
- 1030 WBZ Boston/0115/Listener phone-in talk show (fair 9-15 K. Roberts-FL)
- 1080 WUFO Amherst NY/1340/rock mx, YL ID (gd 9-29 Robert Ross-ON)
- 1120 WUST Washington DC/2251/ID, into contest (111 9-19 Patrick O'Connor)
- 1120 WNYS Buffalo/2330/ID, s/off, last logged as WWOL (vg 9-28 R. Ross-ON)
- 1134 Calcutta India/1530/EE/newscast to 1600, Japan QRM (9-13 Boehnke -HI)
- 1150 CKOC Hamilton ON/0639/rock mx, OM DJ, lcl ad (333 Henry Stratmann-MO)
- 1210 R Rumbos Guatemala/????/SS/clr rptn, OM tx, gud mx (444 B.Miller-CA)
- 1220 WSCR Hamden CT/2258/s-off hrd through slop (111 9-19 P. O'Connor-NH)
- 1260 KCYX McMinnville OR/1515/ads, nx, ad, lcl wx, jingle (D.Klopfenstein)
- 1380 WKTJ Farmington ME/2301/PSA, nx, wx, oldies mx (333 9-21 O'Connor-NH)
- 1420 WRGC Columbus GA/0400/CBS nx, station ID at 0405 (222 Stratmann-MO)
- 1470 CHOW Welland ON/1854/OM DJ read wx bulletin (454 9-28 John Demmitt)
- 1500 WTOP Washington DC/0045/ID, news, sports (fair 9-16 Kenneth Roberts)
- 1510 WLAC Nashville/0430/"Southwest Radio Church." (444 Don McCants-AL)
- 1555 R Cayman/0315/Pgm of light mx, occasional YL ID's (10-12 D. Sharp-FL)
- 1610 Caribbean Beacon Anguilla/0015/temperature as 77°, ID (J. Demmitt-PA)
- 1615 ???/0510/EE mx, no tx...harmonic? Local pirate? (9-22 G. Froemming)

QSL's: Cayman Islands, 1555, p/d card in 118d for IRC. EE rpt (Ed Soomre)
 Canada, CJSB 540, F/d form letter in 22d. V/s John Pitcher, CE (B. Thim-CT)
 Canada, CBL 740, time/freq CBC-Toronto Ntwk cd in 25d. No rp. (B. Thim-CT)
 W. Samoa, 2AP 1404, Logo and palm trees card in 5mo for rp (David Sharp)
 Senegal, ORTS Dakar 765, f/d light blue Africa map cd in 5wks (R. Wood-HI)
 Uruguay, R Monte Carlo 930, f/d detailed ltr & sticker in 5wks (Wood-HI)
 St. Vincent, R St. Vincent 705, p/d b/w from Jeanette Duncan (R. Wood-HI)
 WGFC Floyd VA, 1330, verification letter, V/s Kevin Soos (Hank Holbrook)
 WSEN Baldwinsville NY, 1050, verification ppc, V/s Allan B. Janna (Holbrook)
 KEIN Great Falls MT, 1310, veri letter in lmo. for ms (Tim Hall-CA)

That is all for now. Tks for your great support! 73s de David Sharp

QSL REPORT

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COMMUNICATIONS
WORLD COMMUNICATIONS



COMUNICACIONES

1983

VIA AEREA

Hello, welcome to the November 1985 QSL report. I hope that everyone is going to have; or has had a happy Thanksgiving. In my opinion, it has been a good year, I hope that it has been for all of you, also. As of the new year, I will no longer be the editor of this column. The new editor will be: Ray Forsgren; Route #4, Box 213; Chippewa Falls, WI 54729. I will be doing the December column, and unless things change, Ray will do the one for January. This means that the contributions after November 10th or so should go to him. Do not worry if you send or have sent them to me, as all contributions will be sent along to him. I have enjoyed doing this column for over 2 years, and I feel that it is time to move on. I will save my goodbyes for next month though, so let us get on to the data for this month.

AFRICA

ASCENSION ISLAND-BBC-15400, f/d personal letter in 259 days by surface mail direct from the relay station. Also sent was a station picture. The V/S-S. Hurst, Maintenance Engineer (Dillon-MD). 9600, same, direct, for 2 ircs in 100 days (Heinen-CO). I have had several requests for the address of this station direct. The only address that I have for it is out of the WRTVH and it is: BBC Atlantic Relay Station; English Bay; Ascension Island, South Atlantic.---lnk

BENIN-ORTB-4870, date/time card in 183 days for 3 ircs and a French report, received surface mail (Wilkins-CO).

BURKINA FASO-RNB-4815, f/d Folder QSL in 1 month for an irc and ms and a EE/FF report (Jordan-NC).

CHAD-RNT-4904.5, f/d photo card in 6 months for 2 ircs and a EE rpt on a FF program (Holbrook-MD).

GABON-RFI Relay-9790/7160, f/d logo card in 30 days (Trummel-FRG).

GHANA-GBC, 1915, f/d QSL card in 31 days for 3 ircs (Cole-CO). f/d Golden Jubilee 85 logo card in 63 days for ms (Friberg-NH). This is a new card!!! Anyone get any penpal requests from this place lately. I have not sent a report to this country for about 3-4 years, and just in the last 2-3 months I have gotten 2 letters from people there looking for penpals (and Money!). I do not mind the letters, but I do not like the requests for money that are routine with them. Oh well, what can you do....lnk

LIBERIA-VOA-6035, f/d Statue of Liberty card in 7 days (Brown-IL).

MADAGASCAR-(Any-thing to do with MadaDieselCar...I have come up with some bad lines. but I think this is about the worst, Hi Hi...lnk). R. Netherlands-17605, f/d Flevo card in ?? (Brown-IL).

MOROCCO-RTV Marocaine-11730, f/d Map and Antenna card in 21 days after 3rd report on a 1982 reception. MS and a FF report were used. V/S-J. Tanane. (Wilkins-CO). VOA-Tangier-15205, Card in a week (PA-Yeager). With the price the Pentagon pays for ashtrys, what does the VOA pay for QSL cards????lnk

SOUTH AFRICA-R. RSA-6010, f/d Antelope card in 30 days (Adams-MA). 9615, card in 35 days (Brown-IL). 6010, Dam card in 27d (Moll-MI). 9615, Sunset card in 20 days (Jordan-NC). Museum card in 16 days (McCants-AL).. I know I speak for us all when I say that I hope peace comes to this country, for all of its people...lnk.

AUSTRIA-ORF-6000, f/d Austrian Countryside card in 60 days (Weyrich-MD).
9635, f/d Burgenland Card in 45 days (Gerstner-NY).

BELGIUM-BRT-5910, f/d Winterland card in 30 days (Levison-PA).
Leon Spilliaert (1881-1946) card in 45 days (Adams-MA). F/D form
letter in 37 days along with 2 stickers (Gerstner-NY). Winter
scene in 25 days with lots of goodies (Moll-MI). Virgin Mary with
Christ card in 20 days (Jordan-NC). Remember, only listener club
members get QSL cards, rest get letters...lnk

CZECHOSLOVAKIA-R. Prague, 5930, f/d picture of Prague card in 29
days (Weyrich-MD). 11990, f/d bridges card in 29 days (Levison-PA).
5930, f/d Open Air Museum card in 30 days (Hicks-TN). Costume card
in 35 days (Brown-IL).

DENMARK-R. Denmark-15165, f/d Painting of a portion of the Danish
National Anthem card in 32 days (Thunberg-PA).

FRANCE-RFI-17620, f/d logo card in 130 days with a sticker (Gerstner
NY).

FEDERAL REPUBLIC OF GERMANY-DW-6075, n/d card in 40 days (Klopfenstein).

GERMAN DEMOCRATIC REPUBLIC-RBI-11795, f/d card and goodies in 97 days
(Levison-PA). Card in 64 days (Adams-MA). Card and pennant in 96
days (Gerstner-NY). Discone antenna card, notebook, stickpin, book-
mark and DX club magazines in 108 days (Falbo-OR). Same stuff and
more in 25 to 90 days (Jordan-NC). 3 cards for 3 reports in 67 days
along with lots of goodies. (Friberg-NH). 9620, f/d card in 54 days
(Hicks-TN).

GREAT BRITAIN-VOA-6080, f/d Lady Liberty card in 5 days (Wilkins-60).

GREECE-V of Greece-9420, f/d Knossos View card in 122 days (Me-
Ziegler-).

HUNGARY-R. Budapest-9835, Parliament Photo card in 46 days with a
pennant (Thunberg-PA).

IRELAND-WMR via R. Dublin, 6910, f/d logo card in 65 days for 2 ircs
(Trummel-FRG). R. Na Ngael-6340, date/freq church/graveyard card
in 62 days for an irc. Also recd a personal letter and 3 bumper
stickers (Trummel-FRG).

ITALY-R. Earth via R. Milan Int.-7295, f/d Curacao Scene card in 45
days for ms (Trummel-FRG). AWR-6205, f/d Antenna card in 42 days
for 2 ircs (Ziegler-ME). IBF-5000, f/d card in 25 days for an irc
(Trummel-FRG). RAI-9575, f/d statue card in 161 days (Woering-MA).
5990, f/d painting card in 170 days (Welch-MA).

LUXEMBOURG-R. Lux-6090, f/d CLT card in 476 days (Dillon-MD). F/D
Antenna card in 54 days for an irc (Gerstner-NY).

MALTA-R. Mediterranean-6110, f/d card in 228 days for an irc. Also
received a sticker (Gerstner-NY). DW-9545, n/d card in 36 days (NM-
Thompson).

NETHERLANDS-R. Netherlands-6165, f/d Happy Station Card in 39 days
(Klopfenstein). 6020, card in 45 days (Adams-MA).

NORWAY-R. Norway-9580, f/d native dress card in 38 days (Levison-PA).

POLAND-R. Polonia-7270, f/d girl and bird card in 90 days for 2 ircs.
Also received 2 stickers (Adams-MA).

SPAIN-REE-11880, f/d Castillo de Santa Catalina card in 66 days (Gerstner-NY). 6125, Castle card in 83 days (Miller-CA).

SWEDEN-RSI-15345, f/d Telecom transmitters card in 17 days (Morin-
ONT). Letter and QSL card in 12, 20 Days (Brown-IL).

SWITZERLAND-SRI-12035, f/d Swiss house card in 70 days (Weyrich-MD).
9885, f/d old town card in 24 days (Weyrich-MD).

VATICAN-Vatican Radio-9605, f/d John Paul II card in 92 days (AR-Shamblin).

YUGOSLAVIA-9610, f/d Belgrade pictures card in 61 days (Hicks-TN).
Same in 62 days for 3 ircs (Friberg-NH).

USSR

R. Kiev-11960, f/d Natural Perserve card in 60 days (Adams-WA).
Hydroelectric station card in 93 days (Gerstner-NY).
Monument at the grave of Taras Shevchenko card in 90 days (Woering-MA).

R. Peace and Progress-11690, f/d Dove card in 36 days (Ziegler-Me).

R. Moscow-11860 via Vinnitsa, f/d card in 33 days (Forsgren-WI).
13600, n/site card in 40 days (Klopfenstein). 13705, Peace card in
36 days w/o site (Weyrich-MD). Ask radio Moscow to put the
transmitter sites on the cards, it makes them more interesting..lnk

ASIA

CHINA-Nei Nenggu PBS-6974, n/d letter in CC direct from station
for a CC/EE rpt. Also received Mongolian Sked and 3 1976 pocket
Calendars. (Wilkins-CO). This was in 30 days. R. Beijing-15520,
f/d girl holding basket with chicken card in 17 days for an irc
(Zirkelbach-CA). Drawing card in 38 days with a pennant (Levison-
PA). f/d Chinese performers card in 13 days (Miller-CA). Children
card and pennant in 79 days (Falbo-OR). Girl with bull card in 40 d
(Hicks-TN). 11860, f/d girl with ducks card in 41 days with a pennant
(Gerstner-NY). Girl with bull card in 37 days (Brown-IL).

ISRAEL-KOL ISRAEL-7412, f/d card in 181 days (Kaessinger-FRG).

JAPAN-NHK-9505, date/freq card in 19 days (Zirkelbach-CA). 50th ann
card in 24 days, 18 days, Rice fields card in 21 days(Thompson-NM).
17755, 50th Ann. card in 30 days (Gerstner-NY).

PHILIPPINES-VOA-9760, f/d Statue of Liberty card in 10 days
(Gerstner-NY). 9555, f/d card in 10 days (Welch-MA).

SINGAPORE-BBC-Far East Relay, 11750, n/d card in 81 days for an irc
(Thompson-NM).

SOUTH KOREA-R. Korea-15575, 1986 Asian Games card in 29 days (Levison-
PA). 9570, f/d 1988 Seoul Olympics card in 72 days (Miller-CA).
9750, f/d Asian Games card in 44 days (Moll-MI).

TAIWAN-VOFC-5985 (Seems to me that this frequency is via WYFR, USA).
Year of the OX card in 55 days (Levison-PA). Same in 21 days (Moll-
MI). Same in 10 days (Miller-CA).

THAILAND-RT, 11905, date/freq fruit market card in 190 days for ms
and ircs (Adams-MA).

TURKEY-9560, f/d St. Nicholas in town Square card in 49 days (Hicks-
TN).

PACIFIC

AUSTRALIA-VLW15-15425, f/d map card in 40 days for 2 ircs (Huffaker-
MX). Carl, I hope that you made it through the recent disaster in
Mexico OK. I was monitoring an ARO in Mexico City passing traffic
out to the States, in case I was needed, when the 2nd quake struck.
It was quite an experience to hear the ARO say that they were
getting hit again, and he was quite uneasy, but stood on the air.
Hearing the event as it happened made me uneasy also, I think
that I must have been one of the first people, outside Mexico,
to know of the second earthquake. It took hours to get onto the

news radio stations. Our best wishes are with the people of Mexico City and area...lnk
R. Australia-6045, via Lyndhurst-f/d card in 22 days (Klopfenstein).
9580, Shepparton, f/d Native on rock card in 29 days (Weyrich-MD).
Woodchopping card in 22 days (Levison-PA). Tasmania card in 16 days.
5995 via Lyndhurst (Gerstner-NY).

COOK ISLANDS-RCI-11760, f/d conch blower card in 48 days for 3 ircs (Forsgren-WI).

KIRIBATI-R. Kiribati-16432, f/d prepared card in 56 days after 5 rpt and many ircs, \$'s, postcards in a total of 4½ years (Wilkins-CO). Keep at 'em, sooner or later it usually pays off as it did here, nice card to get...lnk

MARIANA ISLANDS-KYOI-9665, f/d bird card in 125 days for 2-20¢ stamps (which were returned). (Falbo-OR).

New Zealand-RNZ-17705, f/d card in 19 days for 3 ircs (Levison-PA). 6100, Mountain lake scene card in 14 days for 3 ircs (Welch-MA). Rugby card in 35 days (Hicks-TN). Some received fact books and paper pennants.

PAPUA NEW GUINEA-R. Madang-3260, f/d personal letter in 34 days with a postcard for \$1US. V/S-John D. Isinii, Stn. Mgr. (Forsgren-WI). R. Southern Highlands-3275, f/d prepared card in 24 days after 3rd f/up for 1125 days total. MS were sent. V/S-Paulias Kornii, Asst Stn Mgr. (Wilkins-CO).

SOUTH AMERICA

ARGENTINA-RAE-15345, f/d Logo card in 45 days with a pennant (NY-Gerstner).

BRASIL-R. Riberao Preto-3205, p/d city scenes card in 60 days for a PP rpt and ms (Forsgren-WI). R. Nac (R. Bras)-11745, f/d bridge at night card in 31 days for 2 ircs (Zirkelbach=CA). Card in 35 days (Brown-IL). Card in 39 days (Thunberg-PA).

COLUMBIA-R. Sutatenza-5090, f/d SS letter for a tri-lang rpt and ms in 96 days. V/S-Nohora Rodriguez Jimenez (Falbo-OR).
RCN (HJKJ)-6160.3, f/d prepared card in 36 days after a f/up. Stick-ers were also received for a SS rpt and ms. Adr: Ap. Aereo 4984; Bogota. V/S-S. Munevar Silva, Asst. Pres. (Wilkins-CO).

ECUADOR-La Voz del Napo-3280, date only card in 37 days for 2 ircs and a SS rpt. V/s-Ramiro Cabrera (Robinson-TN). HCJE-11910, Taxis card in 29 days (McCants-AL). 2 cards in 62 days (Friberg-NH). Card in 71 days for 4 ircs (Thompson-NM). Autoferro card in 39 days (McCants-AL). Same card in ?? for 44¢ ms (Adams-MA). f/d card in 32 days (Klopfenstein).

PERU-R. Bagua-3310, letter in 20 months confirming reception. Letter said that the new owner was answering the unanswered reports. The report was in SS. V/S-Julio Cardozo Ganoza, Titular Gerente. (MX-Huffaker). R. Quillabamba-5025, date/freq letter in 50 days for 2 ircs and a SS rpt. Also received a pennant. V/S-P.R. Lobo Alonso, Dir. (Adams-MA).

VENEZUELA-YVTO-oops, this is a time signal station and should have gone to the utility editor. Oh well, I started it, so I will finish it...lnk 6100, date/freq card in 5 months for ms and a ss rpt. (Fisher-NM).

ANTARCTICA

AFAN-6012, card in 13 days for a tape, and written report. card was p/d (Stone-WA).

Not much room to continue here, so I will start No. & Cent. Am. on the next page.

NORTH AND CENTRAL AMERICA & the CARIBBEAN

ANTIGUA-LW-6040, n/d broadcasting center card in 47 days along with a sticker and postcard (Morin-ONT).

BELIZE-R. One-3285, f/d map card in 17 days for an irc (Robinson-TN).

CANADA-CKZU-6160, f/d card in 21 days (Klopfenstein). CBC Centre card in 11 days for 44¢ ms (Miller-CA). RCI-9755, f/d DIY card in 15 days (Forsgren-WI). Same in same (Neff-OH).

COSTA RICA-R. Reloj-logo card in 24 days for a SS rpt (Neff-OH). Faro del Caribe-5055, freq/time card in 20 days for 3 ircs (NH-Friberg).

CUBA-R. Habana-17885, f/d spear fishing card in 92 days (Ziegler-ME).

HONDURAS-R. Juticalpa-4781, f/d prepared card in 24 days after 4 f/ups since 1981 reception. This was for a SS rpt and ms (CO-WILKINS).

NETHERLANDS ANTILLES: R. Netherlands-9715, f/d Flevo card in 18 days (McCants-AL). 9590, card in 30 days (Kustra-AZ).

UNITED STATES OF AMERICA-The Voice of the OAS-11830, f/d card in 4 days for a SS rpt (Dillon-MD). R. Earth via KCBI-11790, f/d card in 35 days (Welch-MA). Card and stickers in ?? (Neff-OH). VOFC/WYFR-5985, f/d year of the fowl card in 21 days with a pennant (Gerstner-NY). KCBI-11790, f/d card in 12 days for ms (Welch-MA). QSL card in 9 days (Neff-OH). Map card in 20 days for ms (Gerstner-NY). Same for same in 10 days (Holbrook-MD). 11925, f/d card in 3 days for a phone report (Neff-OH). WMLK-15110, n/d letter and other information in 30 days (Muzyka-NY). VOA-5995, Greenville, f/d Liberty card in 10 days (Moll-MI). 15415, NC, same in 8 days (Brown-IL). 9650, NC, same card in 7 days (McCants-AL).

CLANDESTINE

Voice of Laryngitis-7425, f/d card in 17 days (Cole-CO).

Secret Mountain Laboratory-9905, f/d letter in 3 months (Yeager-PA).

Radio Idiot, 7405, f/d card in 37 days for ms (Talbot-ATA).

La Voz de Alpha 66-7550, f/d prepared card in 12 days for a f/up report with ms (Wilkins-CO).

Rebel Radio Network-6290, n/d letter in 37 days for ms (Trummel-FRG).

La Voz del CID-9940, f/d logo card in 37 days for ms and a SS rpt (Cole-CO). 7400, f/d card and certificate in 3 months for a SS rpt to Costa Rica (Holbrook-MD).

The information provided here on pirate and clandestine broadcaster QSL cards does not mean that this editor, or SPEEDX support them in what they do or represent in any way. It is done as a service to provide what the readers want, with what they contribute to the column.

This column is quite short this month. This is due to the fact that I did not receive my mailing from Peggy this month. Direct contriubs were up this month, though. Guess next months column will be a good one, I did get 2 more envelopes in the mail today, so I will put them here:

SWITZERLAND-UN Geneva-f/d QSL in 14 days for an irc that was returned (Yeager-PA). This was 14500 Khz. (Doesn't that make this a UTE?)

MALTA-R. Mediterranean-6110, f/d world map card in 191 days for 2 ircs. Also received a sticker and a schedule (Weikel-MI).

USSR-R. Minsk-15150, f/d card in 4 months (Yeager-PA). R. Atlantika 15410, card in 30 days (Yeager-PA).

ASCENSION ISLAND-BBC relay, 21660, f/d letter in 7½ months for \$1US. V/S-S. Hurst-Maint. Eng. (Yeager-PA)

AUSTRALIA-VLR-6-6150, f/d card in 32 days for an irc (Yeager-PA).

Well, that does it for every single QSL report that I have in my possession. What the post office has is another story...

If you need to get mint stamps (ms) for return postage, the best source is the DX Stamp Service; 83 Roder Parkway; Ontario, NY 14519. Mint stamps for postage are usually more effective, and most often cheaper than sending the 2-4 IRCS that are usually required for an air reply.

Do you have the QSL Address Book by Gerry Dexter? It is a book that should be owned by all QSL hounds. It lists the addresses and QSL policies of many shortwave broadcasters. It is available from: Gilfer Associates, Inc; P.O. Box 235; 52 Park Ave; Park Ridge, NJ 07656. Ask for a catalog when writing.

Another book that is a must for ALL DXers, QSL hound or not, is the World Radio and TV handbook. This is the bible of radio. It lists stations, addresses, frequencies, schedules, and a wealth of other information. It is a MUST HAVE book. This is also available from Gilfer.

Many months ago I promised to do a booklet on QSLing for the SPEEDX extras program. I promised many times that it would be completed, and I have never kept my promise. I have not forgotten it though, and this time I mean it. I will prepare it in December, and it will be sent to HQ by the new year. I know that I have dissappointed people up to now, but look for it in the future.

A member who found out that I was going to give up this column wrote to me. He mentioned that ham radio must have bitten me pretty hard. I just wanted to comment on this now. Although I am now a Ham, I was when I started doing this column. I do enjoy ham radio a great deal, but it is not the reason that I am giving up the QSL report. I am still quite an active SWL, as well as ARO. When I sit down in the shack to do something, I turn the radio on. I tune to the SWBC bands, not the ham bands. I tune to whatever station that is on at the time and listen. After I finish what I am doing I usually start scanning for DX. Just having the radio on makes me curious as to what else is on. The only problem that I have found, is that I do not have enough time for either hobby. I usually get in listening time on weekends, but not as much as I used to. DXing every band is in my blood, and I will always be listening.

I remember, when I first started DXing, I was quite excited with each new country I heard. This is probably true of all of us, or we would not be here now. The one thing that I remember most is when summer vacation started from school. One night I stood up quite late for me then. I tuned into such stations as R. Portugal, and Spanish Foreign Radio that night. I had never heard them in their earlier transmissions to the East Coast, but I heard their west coast transmissions. I was very excited and out went my reception reports the next day. Spanish Foreign Radio was the first QSL I received, and R. Portugal my second. There have been hundreds of QSL cards since then, but these two are the ones that I remember the most. QSLing and SWLing are super hobbies.

This page of thoughts is turning out to be quite a mixture of assorted comments. I hope that everyone is following me so far!!

SPEEDX has gotten quite improved since I started editing for it. The format changes that have come about have really made a difference. I think that SPEEDX is absolutely the best DX magazine around, and I can see it getting better and better in the future. This is due to the membership support. KEEP IT UP, the future is up to you.

I am about out of room, so until next month... 73 es gud DX.

Don
NI 2P

(PUBLISHER'S NOTE: The QSL Reports sent to CDE Peggy Thompson were sent to new editor Ray Forsgren due to a communications mix-up. They are included here. Please send direct loggings to Leon Kanopka for the December issue, and he will also receive the logs sent to Peggy for the next issue. Then, beginning in January, send direct QSL reports to Ray or through Peggy as usual. Thank you.)

AFRICA

CHAD: R. Nationale 4904.5 f/d "Native Woman" cd. in 7 mo. for a SASE + 1 IRC. (Witte-CA).

SOUTH AFRICA: SABC 4835 f/d cd. w/ sked. + pennant in ? ds. (Kustra-AZ)

ASIA

ISRAEL: KOL Israel 9435 f/d "Kids w/ Flags" cd. in 86 ds. (Bishop-NY).

JAPAN: FEN 6155 f/d "Logo" cd. w/ book in 19 ds. (Kusrta-AZ).

Radio Japan 11710,15300 3 p/d cds. in from 14 to 34 ds. (Bishop-NY)

KOREA, REP. of: Radio Korea 6135,7275,9570,9750,9870 f/d cds. in from 3 to 7 wks. (Bowden-CA). 11810 f/d "Olympics" cd. in 63 ds. (Bishop-NY)

KUWAIT : Radio Kuwait 11675 f/d folder cd. w/ stickers and calendar in 39 ds. (Goodman-IA). same in 30 ds. (Stransky-NY).

PHILIPPINES: FEBC 15310 f/d "Sunset over Manila" cd. in 38 ds. V/S Mrs. Jacki Scott. (Shimada-JAPAN).

TAIWAN: VOFC 11745 f/d "Art" cd. in 5 wks. (Bowden-CA).

TURKEY: Voice of Turkey 9730 f/d "St. Nicholas" cd. w/ pennant and stickers in 23 ds. (Shimada-JAPAN).

EUROPE

AUSTRIA: Radio Austria Int. 6000 f/d cd. in 59 ds. (Bishop-NY). 9635 2 f/d cds. in 7 wks. (Bowden-CA).

BELGIUM: BRT 5910,9880,9925 5 various cds. in from 4 to 5 wks., all f/d. (Bowden-CA).

CZECHOSLOVAKIA: Radio Prague 11990 f/d "Tank" cd. in 60 ds. (Kustra-AZ).

ITALY: U.N. Radio via RAI 11800 f/d "Logo" cd. in 48 ds. (Soomre-MA).

NETHERLANDS: Radio Nederland 6165,9650 f/d "Flevo" cds. in 2 wks. (Bowden-CA).

NORWAY: Radio Norway 15180 p/d "Traditional Cotumes" cd. in 38 ds. (Stransky-NY). 15305 f/d cd. in ? ds. for a NO. rpt. V/S Olav Grimdalen. (Bowden-CA).

PORTUGAL: Radio Portugal 9560 f/d cd. in 62 ds. (Kustra-AZ).

SPAIN: REE 6125,9360,9630,11730,11880 f/d cds. in from 1 to 2 mo. (Bowden-CA).

SWEDEN: Radio Sweden Int. 15190 f/d "Solvesborg" cd. in 13 ds. (Shimada-JAPAN).

SWITZERLAND: Swiss Radio Int. 9725,9885 f/d "Views of SRI" cds. in 3 mo. (Bowden-CA).

VATICAN CITY: Vatican Radio 9615,11740,11845,11955,15405 f/d cds. in from 5 to 8 wks.(Bowden-CA).

YUGOSLAVIA: Radio Yugoslavia 9620 f/d "Homes" cd. 46 ds. for 2 IRC's (Goodman-IA).

USSR

Radio Kiev 15180 f/d "Kaniv Lodge" cd. in 3 mo.(Bowden-CA).9820 f/d "Pottery" cd. in 3 mo.(Bowden-CA).

Radio Moscow 9600 via Moscow f/d "Stadium" cd. in 38 ds.(Stransky-NY). 11840 via Moscow f/d "Church" cd. in 3 wks.(Bowden-CA).

NORTH AMERICA

CANADA: CFRX 6070 f/d "Twin Comanche" cd. in 8 ds. V/S Clive Eastwood (Kustra-AZ).

COSTA RICA: Radio Reloj 4832 f/d cd. in 22 ds. for a SS rpt.(Kustra-AZ).

MEXICO: R. Universidad Sonora XEUDS 6115 f/d "Emblem" cd. in 15 ds. for a SS rpt.(Kustra-AZ).

UNITED STATES: KCBI 11790 f/d cd. in 7 ds.(Kustra-AZ).f/d cd # 662 in 10 ds.(Bowden-CA).Radio Earth via KCBI 11790 f/d "Curacao Dancers" cd. in 31 ds for ms. First day b'cast.(Soomre-MA).V/S Jeff White O.A.S. 11830 p/d cd. in 12 ds. for a SS rpt.(Kustra-AZ).WRNO 15420 f/d "DX Club" cd. in 3 wks.(Bowden-CA).WYFR 11830 f/d cd. in 2 ds.(Bowden-CA).

OCEANIA

AUSTRALIA: Radio Australia 6060 f/d "woodchopping" cd. in 4 wks.(Bowden-CA). 9580 f/d "pastoral" cd. in 2 wks.(Bowden-CA).VLR-9 9680 f/d "map" cd. w/ lots of goodies in 20 ds. for 1 IRC.(Kustra-AZ).

MARIANAS ISLANDS: KTWB 9590 f/d "Cocos Isl." cd. in 3 wks. V/S Kathy Vanzet.(Bowden-CA).

NEW ZEALAND: Radio New Zealand 15150 f/d "Native Shrine" cd. in 12 ds.(Kustra-AZ).

SOUTH AMERICA

ANTARCTICA: LRA-36 15476 f/d "Penguin" cd. w/ ltr. in 176 ds surface mail for a SS rpt. and 2 IRC's.V/S Jose Carlos Prado.(Goodman-IA).

ARGENTINA: RAE 11710 f/d "Logo" cd. w/ pennant in 63 ds.V/S Azucena Mass.(Bishop-NY).

BRASIL: RadioBras 11745 f/d "Church" cd. w/ sticker in 46 ds.V/S Denise Uchoa.(Bishop-NY).f/d "Florianopolis" cd. in ? ds.(Bowden-CA).

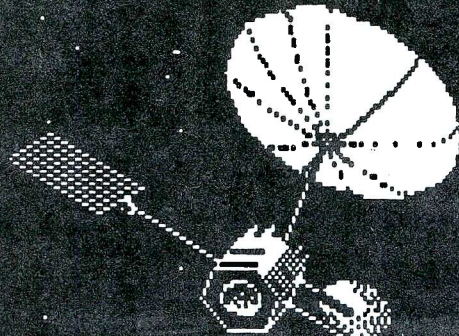
ECUADOR: HCJB 6050 f/d cd. in 41 ds.(Soomre-MA).6095 3 f/d cds. in from 6 wks. to 3 mo.V/S's Sam Rowley,Roger Stubbe.(Bowden-CA).9745 2 f/d cds. in from 91 to 105 ds.V/S Tom Fulghum,Roger Stubbe.(Bishop-NY).11910 f/d cd. in 11 wks.(Bowden-CA).15155 f/d cds. in from 7 to 10 wks.(Bowden-CA).same in 61 ds.(Bishop-NY).17890 2 f/d cds. in 9 wks.(Bowden-CA).

PARAGUAY: Radio Nacional 9735 p/d ltr. in 6 mo.V/S Carlos Montaner.(Bowden-CA).

PERU: Radio Tacna 9486 f/d form ltr. w/ 45th. anniversary pennant in 2 1/2 mo.V/S Ing. Alfonso Caceras C.,Sub-Gerente.(Sheedy-CA).

73's

Ray



UTILITY SCENE

AM · RTTY · SSB
CW · FAX · A3H
0-30 MHZ

JEFF KNAPP
1823 7TH AVENUE
CHARLESTON WV 25312

deadline: 12th

HAPPY ANNIVERSARY TO ME! This issue marks the start of my second year as your editor. If nothing else, I can truly say I have learned quite a lot, and I thank you for that as well as your consistently high quality logs. I think you contributors deserve to pat yourselves on your backs as I say "Well done!"

*** NORTH AMERICA ***

CONTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AK	4125.0	U	0145	NOJ	KODIAK	USCG	WKG SOONER	HRB-WA
AK	4125.0	U	0534	NOJ	KODIAK	USCG	WKG F/V TIDINGS	RWK-WA
AK	6506.4	U	0201	NOJ	KODIAK	USCG	WX	PAT-CA
CAN	2182.0	U	0310	VCN	GRINDSTONE	CCG	ANNOUNCEMENT	POC-NH
CAN	2582.0	U	0134	VCS	HALIFAX	CCG	TFC LIST	JFH-MA
CAN	2598.0	U	2133	VCP	ST. LAWRENCE	CCG	NOTICE TO MARINERS	EZ-MA
CAN	3485.0	U	0424	VFG	BANDER	AERO	WX	JPC-NJ
CAN	6430.0	C	0542	CFH	HALIFAX	CANMIL	V MARKER	FW -FL
CAN	6491.5	U	1315	VCS	HALIFAX	CCG	QX MSGS	RJC-MA
CAN	6493.0	C	0255	VAI	VANCOUVER	CCG	CQ MARKER	KR -FL
CAN	6753.0	U	0242	CHR	TRENTON	CANMIL	WX	KR -FL
CAN	8440.0	C	0108	VCS	HALIFAX	CCG	V MARKER	DB -AR
CAN	11233.0	U	1421	CHR	TRENTON	CANMIL	CLG CANMIL 8420	RT -FL
CAN	11233.0	U	1434	VXA	EDMONTON	CANMIL	WKG TRENTON	RMA-FR
CAN	12874.0	C	2230	VCS	HALIFAX	CCG	DE MARKER	RWK-WA
CAN	12875.0	C	0050	VCS	HALIFAX	CCG	V MARKER	PAC-UK
ICE	6344.0	C	1942	TFA 6	REYKJAVIK	MARCO	CQ MARKER	RMA-IA
MEX	8516.0	C	0328	XFC	COZUMEL	MARCO	CQ MARKER	JEB-CA
MEX	8691.0	C	1300	XFQ 3	SALINA CRUZ	MARCO	V MARKER	PAC-UK
MEX	12829.5	C	2202	XFM	MANZANILLO	MARCO	CQ MARKER	POC-NH
USA	2182.0	U	0204	NMN 80	HAMPTON ROADS	USCG	ANNOUNCEMENT	POC-NH
USA	2182.0	U	2317	NMN 38	CAPE HATTERAS	USCG	CLG ST. LOUIS	POC-NH
USA	2182.0	U	0405	NMA 10	MIAMI	USCG	'SECURITY' BCAST	POC-NH
USA	2182.0	U	0323	NMK	CAPE MAY	USCG	CLG CG 41336	POC-NH
USA	2182.0	U	0320	NMA 21	ST. PETERSBURG	USCG	ANNOUNCEMENT	POC-NH
USA	2670.0	U	0410	NMN 80	HAMPTON ROADS	USCG	WKG NLKL, USCGC WESTWIND	JFH-MA
USA	2670.0	U	0533	NMW	ASTORIA	USCG	WX	PB -NM
USA	2670.0	U	0035	NCF	MIAMI	USCG	NTM	KFN-FL
USA	2670.0	U	0450	NMF	BOSTON	USCG	NTM	KFN-FL
USA	2670.0	U	0510	NMF	BOSTON	USCG	NTM	RT -FL
USA	4112.6	U	0650	NMF	PENNSUCO	MARCO	WKG OCEANIC	VWH-NY
USA	4134.0	U	0650	NMF	BOSTON	USCG	WKG USCGC EVERGREEN	KFN-FL
USA	4348.0	C	2220	KLB	SEATTLE	MARCO	CQ MARKER	RWK-WA
USA	4350.5	C	0213	NNU	SLIDELL	MARCO	CQ MARKER	KR -FL
USA	4360.5	U	0205	NKY	SAN DIEGO	USCG	WKG USNS SHENANDOAH	JFH-MA
USA	4369.8	U	1100	WLO	MOBILE	MARCO	WX	RMA-IA
USA	4407.0	U	0422	WOM	PENNSUCO	MARCO	WKG M/S NORWAY	JFH-MA
USA	4407.0	U	0412	WOM	PENNSUCO	MARCO	WKG P/P SONG OF NORWAY	JFH-MA
USA	4428.7	U	0402	NMC	SAN FRANCISCO	USCG	WKG SAN FRANCISCO	JFH-MA
USA	4428.7	U	0233	NMN	PORTSMOUTH	USCG	WKG LADY LATHORE	JFH-MA
USA	4428.7	U	0139	NMN	PORTSMOUTH	USCG	WKG NOAA SHIP PIERCE	JFH-MA
USA	4428.7	U	0418	NMN	PORTSMOUTH	USCG	WKG USCGC HARRIET LANE	JFH-MA
USA	4428.7	U	0532	NMN	PORTSMOUTH	USCG	NOAA SKED	VWH-NY
USA	4428.7	U	0435	NMC	SAN FRANCISCO	USCG	MARINE WX	PAT-CA
USA	4637.5	U	0900	WYG 6646	ROWAN MIDLAND	OILRIG		RMA-IA
USA	5320.0	U	0408	NOK	KEY WEST	USCG	WKG USCGC BUTTWOOD	JFH-MA
USA	5320.0	U	0400	NOQ	MOBILE	USCG	WKG USCGC POINT VERDE	JFH-MA
USA	5574.0	U	0042		SAN FRANCISCO	AERO	WKG VAR AIRCRAFT	DLK-CO
USA	5692.0	U	0220	NOW	PORT ANGELES	USCG	WKG CG HELO 1464	SR -MI
USA	5692.0	U	2136	NOP	BROOKLYN	USCG	WKG CG HELOS 1429, 1407	SR -MI
USA	5696.0	U	0037	NMA	MIAMI	USCG	WKG JAMAICAN CGC BARROBOD	JFH-MA
USA	5696.0	U	0400	NOR	SAN DIEGO	USCG	WKG CG 1479	JFH-MA
USA	5696.0	U	0037	NDY 8	CORPUS CHRISTI	USCG	WKG CG 2124	SR -MI

USA	5696.0	U	0037	NOR	SAN DIEGO	USCG	WKG C6 2104	SR -MI
USA	5696.0	U	0230	NMC	SAN FRANCISCO	USCG	CL6 C6 2128	POC-NH
USA	5696.0	U	0638	NMN	PORTSMOUTH	USCG	WKG DALLAS	KFN-FL
USA	5696.0	U	1745	NMA	MIAMI	USCG	WKG C6 1489	KFN-FL
USA	5696.0	U	1801	NMF	BOSTON	USCG	WKG NAVY	ES -MA
USA	6506.4	U	0221	NMC	SAN FRANCISCO	USCG	WKG USCGC WOODRUSH	JFH-MA
USA	6506.4	U	0408	NMN	PORTSMOUTH	USCG	MARINE WX	PAT-CA
USA	6604.0	U	0223	WSY	70 NEW YORK	AERO	AERO WX	BS -AR
USA	6673.0	U	0035	KJY	74 MIAMI	NOAA	WKG NOAA 43	MC -NY
USA	6673.0	U	1625	KJY	74 MIAMI	NOAA	WKG NOAA 43	KFN-FL
USA	6673.0	U	2430	KJY	74 MIAMI	NOAA	WKG NOAA 42	RT -FL
USA	8291.1	U	1942	KCO	GALVESTON	MARCO	WKG M/V CALL ME DOWN	PG -NM
USA	8291.1	U	2205	KMD	263 FRIENDSWOOD	MARCO	WKG THE TUG TEXAN	PG -NM
USA	8291.1	U	1900	WED	PANAMA CITY	MARCO	WKG M/V ALASKA	PG -NM
USA	8484.2	C	2250	WDE	LANTANA	MARCO	DE MARKER	EZ -MA
USA	8658.0	C	0207	WLO	MOBILE	MARCO	CQ MARKER	KR -FL
USA	8731.3	U	2144	WOM	PENNSUCO	MARCO	WKG ZODIAC 4	JFC-NJ
USA	8765.4	U	2341	NMN	PORTSMOUTH	USCG	MARINE WX	BS -AR
USA	8765.4	U	0411	NMN	PORTSMOUTH	USCG	WX	PAT-CA
USA	8765.4	U	1825	NMN	PORTSMOUTH	USCG	WKG WTEQ	RJC-MA
USA	8989.0	U	0410	AFI	MCCLELLAN	USAF	WKG BULL 09	KFN-FL
USA	11179.0	L	1810	AFB	ANDREWS	USAF	WKG ANDY 126	PG -NM
USA	11246.0	U	1822	AFE	8 MACDILL	AFB	WKG MAC 90021	KFN-FL
USA	11249.0	U	1750	AFB	ANDREWS	USAF	WKG 794	KFN-FL
USA	12429.2	U	1720	KSW	643 OAKLAND	MARCO	WKG M/V AMERICAN LIBERTY	PG -NM
USA	12432.3	U	1835	KVK	MIAMI	NOAA	CL6 K12XGH	PG -NM
USA	12704.8	C	2159	WLO	1 MOBILE	MARCO	CQ MARKER	RWK-WA
USA	12720.0	C	2211	NMN	PORTSMOUTH	USCG	CQ MARKER	RWK-WA
USA	12844.0	C	0630	KFS	SAN FRANCISCO	MARCO	CQ MARKER	RWK-WA
USA	12925.5	C	2245	WCC	CHATHAM	MARCO	V MARKER	RMA-FR
USA	13113.2	U	2335	NMN	PORTSMOUTH	USCG	WARNINGS ON GLORIA	PAT-CA
USA	13955.0	C	2250	WKM	NEW HAVEN	MARCO	CQ MARKER	PAT-CA
USA	16041.5	U	1320	WAR	WASHINGTON DC	ARMYHQ	'GRAMS	IK -UK

*** CENTRAL AMERICA ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
COST	17148.7	C	2036	TIM	LIMON	MARCO	CQ MARKER	PAC-UK
COST	17149.0	C	2100	TIM	LIMON	MARCO	CQ MARKER	FW -FL
PANA	4275.0	C	0845	HPP	PANAMAINTELMA	MARCO	CQ MARKER	RMA-IA
PANA	4275.0	C	0235	HPP	PANAMAINTELMA	MARCO	TFC LIST	RWK-WA
PANA	6422.0	C	0344	HPP	PANAMAINTELMA	MARCO	CQ MARKER	PF -CA
PANA	8598.0	C	0341	HPP	PANAMAINTELMA	MARCO	V MARKER	KR -FL
PANA	8598.0	C	0144	HPP	PANAMAINTELMA	MARCO	V MARKER	FW -FL
PANA	11126.0	U	1145	AFH 3	ALBROOK	USAF	WKG HEAD DANCER	WOD-PA
PANA	11126.0	U	1825	AFH 3	ALBROOK	USAF	WKG TEAL 15	ES -MA
PANA	11176.0	U	0420	AFS 3	CANAL ZONE	USAF	WKG MAC 60203	JFH-MA
PANA	11176.0	U	1758	AFH 3	ALBROOK	USAF	WKG NAVY GULL 11	ES -MA
PANA	12699.0	C	1400	HPP	PANAMAINTELMA	MARCO	V MARKER	JEB-CA
PANA	12699.0	C	1950	HPP	PANAMAINTELMA	MARCO	CQ MARKER	WOD-PA
PANA	15015.0	U	1630	AFH	ALBROOK	USAF	WKG HEAD DANCER	PG -NM
PANA	16869.0	C	1821	HPP	PANAMAINTELMA	MARCO	V MARKER	WOD-PA
PANA	17128.5	C	2045	HPN	CANAL ZONE	MARCO	CQ MARKER	FW -FL
PANA	17128.5	C	2029	HPN	60 CANAL ZONE	MARCO	ANNCD CEASING OPERATIONS	PAC-UK

*** CARIBBEAN ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
CUBA	8434.0	C	0345	CLQ	HAVANA	MARCO	CQ MARKER	PF -CA
CUBA	8494.8	C	1720	CLA	HAVANA	MARCO	CQ MARKER	PF -CA
CUBA	8496.0	C	0230	CLA	20 HAVANA	MARCO	PLAINTEXT NUMBERED MSGS	TFS-PA
CUBA	8573.0	C	0139	CLA	HAVANA	MARCO	CQ MARKER	KR -FL
CUBA	11114.0	C	0045	CMU	967 SANTIAGO	NAVRAID	WKG RMPV	JEB-CA
MART	6388.0	C	0307	FUF	FT DE FRANCE	NAVRAID	V MARKER	KR -FL
MART	12831.0	C	2119	FFP	7 FT DE FRANCE	MARCO	CQ MARKER	PAC-UK
PR	5692.0	U	0940	MMR	1 ST. JUAN	USCG	WKG SWORDFISH 1503	ES -MA
VIRG	4337.3	C	0618	WAH	ST. THOMAS	MARCO	TFC	JPC-NJ
VIRG	6518.8	C	0500	WAH	ST. THOMAS	MARCO	TFC LIST	AL -MA
VIRG	17236.0	U	2000	WAH	ST. THOMAS	MARCO	TFC LIST	PAC-UK

*** SOUTH AMERICA ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ARGN	8759.2	U	0344	LPL	3 GEN. PACHECO	MARCO	VOICE MARKER	JFH-MA
ARGN	12988.6	C	1132	LPD	88 GEN. PACHECO	MARCO	ID MARKER	ES -MA
ASCN	8993.0	U	0334	AAF	ASCENSION ISLE	USAF	WKG TEAL 62	AL -MA
BRZL	17162.0	C	2021	PPD	OLINDA	MARCO	V MARKER	PAC-UK
BRZL	17170.1	C	1943	PPL	BELEM	MARCO	V MARKER	PAC-UK
CHIL	6718.0	C	0340	CCS	SANTIAGO	NAVRAID	V MARKER	PF -CA
CHIL	12714.0	C	2104	CBV	VALPARAISO	MARCO	CQ MARKER	PAC-UK
CHIL	16956.0	C	2110	CBV	VALPARAISO	MARCO	CQ MARKER	PAC-UK
CHIL	17145.0	C	2215	CBV	VALPARAISO	MARCO	V MARKER (ADDRESS PLEASE)	PG -NM
ECUA	7600.0	A	0137	HD	210A GUAYAQUIL	SFTS	TIME SIGS	PAT-CA
ECUA	8474.0	C	1303	HCS	BUYAUQUIL	MARCO	TFC LIST	RR -MS
SURI	2182.0	U	0339	FZN	PARAMARIBO	MARCO	TFC W/ LRON	AL -MA
URGY	16870.0	C	2205	CWA	CERRITO	MARCO	CQ MARKER	PG -NM
URGY	16871.3	C	2305	CWA	CERRITO	MARCO	CQ MARKER	PAT-CA
VENE	6100.0	U	0733	YVTO	CARACA	SFTS	TIME SIGS	VWH-NY

*** EUROPE ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AZOR	12943.0	C	1615	CUG	SAN MIGUEL	MARCO	CQ MARKER	AL -MA
AZOR	15044.0	U	1121	CUW	LAJES	USAF	P/P W/RAYMOND	IK -UK

BUL	12659.0	C	0715	LZW	5	VARNA	MARCO	QTC LIST	PAC-UK
CYPR	4910.0	C		KWS	78	NICOSIA	EMBASY	'QSY 3/4/7/10' EVERY 2MIN	IK-UK
CYPR	14563.0	C	2145	SBC	68	CYPRUS	CTA		IK-UK
EIRE	3413.0	U		0045	EIP	SHANNON	AERO	AERO WX	EZ-MA
ENG	8515.6	C	2106	GKC		PORTISHEAD	MARCO	DE MARKER	EZ-MA
ENG	8559.6	C	2114	GKB	3	PORTISHEAD	MARCO	DE MARKER	EZ-MA
FIN	12822.0	U	2130	GKA		PORTISHEAD	MARCO	PRIORITY STORM	RMA-FR
FIN	12686.9	C	1645	OFJ		HELSINKI	MARCO		RMA-FR
FRAN	4502.3	C	1602	FVC	20	STASBOURG	NAVRAID	RTTY COORDINATION	IK-UK
FRAN	8453.0	C	2050	HWN		PARIS	NAVRAID	V MARKER	EZ-MA
FRAN	10320.0	U	2052	FTK		PARIS	AFP	VOICE MARKER	AL-MA
FRAN	13685.0	C	1820	FTN	68	PARIS	FTS	EE/FF VOICE MARKER	PG-NM
FRAN	17212.0	C	1547	FFT	82	ST. LYS	MARCO	ID MARKER	WOD-PA
FRG	5680.0	U	2043			GLUCKSBURG	RESCUE	CLG MISSION 4923	IK-UK
FRG	5690.0	U	0321	DHM	95	LAHR	AFB	AERO WX	AL-MA
FRG	5690.0	U	0220	DHM	95	LAHR	AFB	WX	JDW-FL
FRG	15980.4	C	1445	DAM		NORDDEICH	MARCO	V MARKER	FK-FL
GDR	4840.0	C	1655	Y7A	24	BERLIN	MFA	QRA MARKER	IK-UK
GREE	6479.7	C	0258	SVA		ATHENS	MARCO	DE MARKER	KR-FL
HOLL	8694.0	C	0119	PJC		WILLEMSTAD	MARCO	CQ MARKER	DB-AR
NDR	13150.0	C	0105	LGW		ROBALAND	MARCO	TFC	RT-FL
NDR	16928.2	C	1427	LFX		ROBALAND	MARCO	CQ MARKER	RF-FL
PORT	8490.5	C	0429	CUL		LISBON	MARCO	CQ MARKER	BJ-TX
SPAN	8528.5	C	0132	EBA		MADRID	MARCO	CQ MARKER	KR-FL
USSR	9561.0	C	2042	RIT		MOSCOW	NAVRAID	WKG RLO	FF-FG
USSR	9456.0	C	1800	RCV		MOSCOW	NAVRAID	CLB UMI	KKT-FG
USSR	12715.0	C	1750	UJQ		KIEV	MARCO	DE MARKER	RMA-FR
USSR	12967.8	C	1710	UJE		MOSCOW	NAVRAID	CQ MARKER	RMA-FR
USSR	17050.0	C	1500	URB	2	KLAIPEDA	MARCO	V MARKER	RMA-FR
USSR	17228.0	C	0930	UAT		MOSCOW	MARCO		RMA-FR
YUGO	8700.0	C	0050	YUR		RIJEKA	MARCO	V MARKER	BJ-TX

*** AFRICA/MIDDLE EAST ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ANGO	6370.0	C	0348	D3E 41	LUANDA	MARCO	CQ MARKER	BJ-TX
ANGO	6370.0	C	0510	D3E	LUANDA	MARCO	CQ MARKER	PG-NM
ANGO	8564.0	U	0319	D3E 41	LUANDA	MARCO	CQ MARKER	PF-CA
ANGO	8693.0	C	0311	D3E 41	LUANDA	MARCO	CQ MARKER	PF-CA
ANGO	12800.0	U	0034	D3E 41	LUANDA	MARCO	CQ MARKER	RWK-WA
ANGO	17189.6	C	1950	D3E 71	LUANDA	MARCO	CQ MARKER	PAC-UK
BRAN	17202.0	U	0915	A9M	MANAMA	MARCO		RMA-FR
CONG	10057.0	U	0045	TNL 77	BRAZZAVILLE	AERO	WX	HBB-WA
DJIB	8682.0	U	1349	J2A 8	DJIBOUTI	MARCO	CQ MARKER	JMW-CD
DJIB	8992.5	C	1931	FUV	DJIBOUTI	NAVRAID	DE MARKER	AL-MA
DJIB	16905.0	U	1921	FUV	DJIBOUTI	NAVRAID	V MARKER	WOD-PA
IRAO	12658.8	C	1815	YIR	BASRAM CONTROL	MARCO	V MARKER	RMA-FR
LIBE	7653.0	C	0420	KKN 44	MONROVIA	EMBASY	QRA MARKER	PG-NM
MURI	11175.2	L	1702	STA 17	NOUADHIBOU	SNIM	CLG PARIS	IK-UK
NEUN	8474.0	C	0324	FUX	SAINT DENIS	NAVRAID	V MARKER	PF-CA
SENE	13410.0	C	1739	6WV	DAKAR	NAVRAID	V MARKER	KKT-FG
SENE	16951.5	C	1436	6WV	DAKAR	NAVRAID	V MARKER	FW-FL
SOAF	6332.0	C	0155	ZRH	CAPE TOWN	NAVRAID	DE MARKER	PAT-CA
SOAF	6336.0	C	0336	ZRH	CAPE TOWN	NAVRAID	DE MARKER	PF-CA
SOAF	6336.5	C	0125	ZRD	SIMONSTOWN	NAVRAID	V MARKER	PG-NM
SOAF	6337.0	C	0337	ZRD	SIMONSTOWN	NAVRAID	V MARKER	PF-CA
SOAF	6340.0	C	0350	ZRD	SIMONSTOWN	NAVRAID	V MARKER	BJ-TX
SOAF	9468.7	C	1733	ZRH	CAPE TOWN	NAVRAID	DE MARKER	PF-CA
SOAF	9470.6	C	1730	ZRD	SIMONSTOWN	NAVRAID	V MARKER	PF-CA
SOAF	8565.0	C	0320	ZSJ 4	CAPE TOWN	NAVRAID	CQ MARKER	PF-CA
SOAF	8567.0	C	0705	ZSJ 4	CAPE TOWN	NAVRAID	CQ MARKER	PG-NM
SOAF	8688.5	C	0140	ZSC	CAPE TOWN	MARCO	CQ MARKER	KR-FL
SOAF	8688.5	C	0114	ZSC	CAPE TOWN	MARCO	CQ MARKER	DB-AR
SOAF	12849.7	C	1750	ZSJ	CAPE TOWN	NAVRAID		RMA-FR
SOAF	16964.2	C	1648	ZRH 6	CAPE TOWN	NAVRAID	'XXX DE ZRH' MARKER	WOD-PA
SOAF	17164.8	C	1744	ZSC 7	CAPE TOWN	MARCO	CQ MARKER	WOD-PA
SUDN	5658.0	U	0007	STK	KHARTOUM	AERO	WKG NAIROBI	JDW-FL
TURK	8395.0	C	0150	TBA	ANKARA	NAVRAID	DE MARKER	AL-MA
TURK	14744.3	C	1800	TAH	ISTANBUL	MARCO	QSW MARKER	RMA-FR
TURK	17008.5	C	1541	TAH	ISTANBUL	MARCO	CQ MARKER	PAC-UK

*** ASIA/FAR EAST ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
HONG	8537.8	C	1735	VPS	VICTORIA ISLE	MARCO	DE MARKER	PF-CA
JPAN	8679.0	U	1342	JMA	TOKYO	VOLMET	WX	PAT-CA
JPAN	8523.5	C	1547	JOR	NAGASAKI	MARCO	CQ MARKER	RR-MS
JPAN	8548.0	C	1547	JFA	CHOU FISHERIES	MARCO	CQ MARKER	DS-CA
JPAN	8647.6	C	0404	JDC	CHOSI	MARCO	CQ MARKER	RR-MS
JPAN	8753.0	U	1430	JBD	TOKYO	MARCO	TELCOM	HBB-WA
JPAN	13008.0	C	1237	JOR	NAGASAKI	MARCO	CQ MARKER	AL-MA
JPAN	17014.0	C	1202	JFX	KAGOSHIMA	MARCO	CQ MARKER	PAC-UK
MLAY	8630.0	C	1550	9MB 2	PENANG	NAVRAID	V MARKER	DS-CA
PAKI	17093.5	C	1246	ADP 7	KARACHI	NAVRAID	V MARKER	PAC-UK
PRC	8500.8	C	1717	XSG	SHANGHAI	MARCO	CQ MARKER	PF-CA
PRC	12670.0	C	1755	XSQ 94	GUANGZHOU	MARCO	DE MARKER	RMA-FR
ROK	8482.8	C	1715	HLF	SEOUL	MARCO	CQ MARKER	PF-CA
ROK	8484.0	C	1543	HLF	SEOUL	MARCO	CQ MARKER	DS-CA
ROK	16990.0	C	1148	HLO	SEOUL	MARCO	CQ MARKER	PAC-UK
SING	6505.0	C	1326	9VG	SINGAPORE	MARCO	ID, LONG DASHES	PAT-CA
SING	8474.8	C	1725	9VG	SINGAPORE	MARCO	CQ MARKER	PF-CA
TIWN	8631.8	C	1309	XSW	KAOHSIUNG	MARCO	CQ MARKER	RR-MS
TIWN	12864.9	C	1715	XSW	KAOHSIUNG	MARCO		RMA-FR
VIET	8590.0	C	1400	XVS 8	HO CHI MINH	MARCO	CQ MARKER	JEB-CA

*** PACIFIC ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AUST	4500.0	U	A 1055	VNB	LYNDHURST	SFTS	TIME SIGS	AL -MA
HI	5774.0	U	1055	KUA	HONOLULU	AERO	WKG WORLD 30	AL -MA
HI	8765.0	U	1742	NMQ	HONOLULU	USCG	WKG USCGC IRIS	HBB-WA
HI	8765.4	U	0555	NMQ	HONOLULU	USCG	MARINE WX	EZ -MA
HI	8765.4	U	2350	NMQ	HONOLULU	USCG	WX	PAT-CA
HI	8828.0	U	0337	KVM 70	HONOLULU	VOLMET	WX FOR PACIFIC	JFH-MA
NCAL	4590.0	C	0855	FUJ	NOUMEA	NAVRAD	V MARKER	RMA-IA
NCAL	12710.0	C	0438	FJP 23	NOUMEA	MARCO	CD MARKER	RWK-WA
NZEL	427.0	C	1138	ZLB 2	AWARUA	MARCO	ID MARKER	ES -MA
NZEL	8977.0	U	0616	ZLK	CHRISTCHURCH	MARCO	WKG ICE 14	MC -AZ

*** RTTY ***

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CNTRY	TRAFFIC	CONTRB
3518.5	2135	50R	FDY	ORLEANS	FAF	FRAN	RYS, LE BRICKS	RMA-FR
3608.3	2000	ARQ	GCC	CULLERCOATS	MARCO	ENG	METEO	RMA-FR
4242.3	2115	50-170R	YSM	RUGEN	MARCO	GDR	TFC	RMA-FR
4356.1	0401	FEC	KPH	SAN FRANCISCO	MARCO	USA	CD MARKER	RMA-IA
4500.6	1559	50-425N	FVC 20	STRASBOURG	NAVRAD	FRAN		IK -UK
4583.0	0250	45-R	DDK 2	HAMBURG	METEO	FRG	CO'S INTO WX	AL -MA
4863.5	1705	75-850R	KRH 51	LONDON	EMBASY	ENG	MARKER	IK -UK
5100.0	0915	50-850R	AXM 32	CANBERRA	METEO	AUST	SD METEO	RMA-IA
5393.5	0142	45-R	ELRB	MONROVIA	AERO	LIBE	RYS	AL -MA
5435.0	0735	50-425R	FKS	PARIS	FAF	FRAN	RYS & LE BRICK	FB -FG
5460.2	0145	75-425N	NEA 216	TANGIER	USIA	MROC	NEWS	DS -OH
5702.4	1446	50-170N	ESCA	STOCKHOLM	SWAF	SWED	WX	IK -UK
5744.0	0435		CAK	SANTIAGO	AERO	CHIL	RYS	AL -MA
5848.0	0158	45-R	TUH	ABIDJAN	ASECNA	IVRY	DE MARKER	AL -MA
6330.3	0435	75-850R	CFH	HALIFAX	CANMIL	CAN	WX	FW -OH
6504.0	0315	ARQ	WCC	CHATHAM	MARCO	USA	NEWS & WEATHER	DS -OH
7442.7	0115	75-425R	AFR 208	MONROVIA	USIA	LIBE	NEWS	DS -OH
7473.8	0136	50-425	TJK	DOULA	ASECNA	CAME	RYS	KR -FL
7690.0	0213	50-425	TUH	ABIDJAN	ASECNA	IVRY	DE MARKER	KR -FL
8049.5	1805	50R	FDY	ORLEANS	FAF	FRAN	LE BRICKS	RMA-FR
8049.6	2207	50-425	FDY	ORLEANS	FAF	FRAN	RYS	KR -FL
9140.5	1300	50-425R	GPX 5	HO CHI MINH	VNA	VIET	RYS	JEB-CA
9217.0	0210	50-425N	SUA	NIAMEY	ASECNA	NIGR	RYS	JEB-CA
10220.0	1830	50-425R	CLN	HAVANA	PTT	CUBA	RYS TO ITT NY	RMA-IA
11070.0	0505	75-170N	LOR	P. BELGRAND	NAVRAD	ARGN	RYS	JEB-CA
11570.0	1305	75-850R	NBA	BALBOA	NAVRAD	PANA	RYS	RMA-IA
11574.0	2031	45-R	Y7A 54	BERLIN	MFA	GDR	RYS	AL -MA
11675.0	2007	45-R	TJK	DOULA	ASECNA	CAME	RYS	AL -MA
11677.0	2220	50N	TZH	BAMAKO	ASECNA	MALI	RYS	AM -UK
12123.5	2245	50R	9PL	KINSASHA	AERO	ZIRE	RYS	AM -UK
13332.8	2240	75N	CLP 2	PANAMA	EMBASY	PANA	CUBAN EMB. TO HAVANA	AM -UK
13456.5	1515	ARQ	IP6 20	ROME	MFA	ITLY	SLTR GRPS TO ANKARA	AM -UK
13566.0	0653	75N	A9C	BUCHAREST	EMBASY	ROMA	SLTR GRPS TO PARIS	AM -UK
13571.0	1550	ARQ	HBD 20	BERNE	MFA	SWIS	SLTR GRPS TO EMBASSIE	AM -UK
14880.0	1417	50-850R	JMG 4	TOKYO	METEO	JPAN	WX	AM -UK
16661.0	0900		GKE	PORTSHEAD	MARCO	ENG	WKG ELDJ 4	RMA-FR
17214.0	0920	50R	BZP 58	BEIJING	XINHUA	PRC	SPUR?	RMA-FR
18695.9	1230		CNM 82	RABAT	MAR	MRC	TESTING	RMA-FR
18761.0	1120	75R	SAM 24	MONROVIA	EMBASY	LIBE	SWED EMB. TO STOCKHOLM	AM -UK
19672.0	1105	75N	SPP 341	LAGOS	EMBASY	NIGR	POL EMB. TO WARSAW	AM -UK

*** SHIPS ***

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
2182.0	U	2228		CELEBRATION	WKG WOODSHOLE	JPC-NJ
2182.0	U	0214	VGLD	TEXACO BRAVE	CLG YARMOUTH	PCC-NH
2182.0	U	0143	WYC 7529	F/V MONICA	WKG HALIFAX	JFH-MA
2183.0	U	0305	DSHO	PRINCESS	CLG WLO	PCC-NH
2662.0	U	1331		USCGC PENOBSCOTT BAY	WKG NEW YORK	JPC-NJ
2662.0	U	0106	41344	USCGC	WKG CAPE MAY	JFH-MA
2670.0	U	0348	KMFM	M/V SAINT LOUIS	WKG CG CAPE HATTERAS	JFH-MA
4066.0	U	1238		USS KIDD	CLG NORFOLK	AL -MA
4066.0	U	0310	3EQN	TSS MARDI GRAS	WKG M/S CARIBE I	JFH-MA
4066.1	U	1506		USS MONGAGHELIA	WKG NORFOLK	AL -MA
4066.1	U	1655		USS KALAMAZOO	WKG NORFOLK	AL -MA
4066.1	U	0322	NHKG	USS RANGER	P/P VIA SAN DIEGO	MC -AZ
4112.6	U	0115		FLORIDA REEFER	WKG WDM	DS -OH
4134.0	U	1108	NAAG	USCGC GLACIER	WKG NMC	AL -MA
4134.0	U	0129	NRXD	USCGC EVERGREEN	WKG NMF	JFH-MA
4203.0	R	0156	WTEB	NOAA PIERCE	WKG NMM IN CLEAR	JFH-MA
4298.1	R	0015	NRPI	USCGC ACUSHNET	WKG NMM	JPC-NJ
4314.0	U	0338	NNHA	USCGC CENTIN	WKG MOBILE	JFH-MA
4400.0	U	1106		USS PRESERVER	WKG USS SAFEGUARD	AL -MA
4400.7	U	0123		USS SAFEGUARD	WKG USNS APACHE	AL -MA
4400.8	U	0036		JCG BARBOSA	WKG MIAMI CG	ES -MA
4400.8	U	0358		USCGC HARRIET LANE	WKG P/P W/PORTSMOUTH	FWB-NJ
4400.8	U	0037	NVAI	USCGC VALIANT	WKG NMG	AL -MA
4425.6	U	0518		NORDIC PRINCE	WKG WGM	VWH-NY
4428.7	U	1514	NJSJ	USCGC CAPE CARTER	WKG KODIAK	HBB-WA
5320.0	U	0310	NADY	USCGC WHITE HOLLY	WKG NMG	AL -MA
5320.0	U	0505	NELL	USCGC PT. LOOKOUT	WKG GRAND ISLE, LA.	JFH-MA
5320.0	U	0309	NFDY	USCGC POINT ROBERTS	WKG NMA	AL -MA
5320.0	U	0502	NLKL	USCGC WESTWIND	WKG MOBILE	AL -MA
5320.0	U	0259	NRLT	USCGC CAPE GULL	WKG NMA	AL -MA
5320.0	U	0242	NSDA	USCGC PT. LOBOS	USCGC WKG MOBILE	JFH-MA
5320.0	U	1305	NSDA	USCGC POINT LOBOS	WKG MOBILE	AL -MA

5320.0	U	0502	NSWA	USCGC POINT HOBART	WKG NMEX	AL -MA
5320.0	U	1119	N12V	USCGC POINT VERDE	WKG MOBILE	AL -MA
5696.0	U	0110	NSWA	USCGC POINT HOBART	WKG SAN DIEGO	SR -MI
6200.0	U	1216	GPPH	FARNELLA	WX OBS	MC -AZ
6200.0	U	1506	NDWA	USCGC MORGANTHAU	WKG NMC	AL -MA
6200.0	U	0222	NHMC	USCGC HARRIET LANE	WKG NNN	AL -MA
6200.0	U	0420	NOBJ	USCGC SUTTONWOOD	WKG NOJ	JFH-MA
6200.0	U	1328	WJXG	M/V JAMES ANDERSON JR.	WKG PORTSMOUTH	DS -OH
6256.5	R	1157	KWZ7	TH KAPITAN KROMSTOV	RYS, CLG UNM 2	FB -FG
6263.4	R	0507	KWZ7	LAY BARGE 29	DAILY JOB REPORT	RM -IL
6506.4	U	0334	NOBE	USCGC CAPEWASH	WKG SAN FRANCISCO	JFH-MA
6518.8	U	0649	NJFJ	USCGC RELIANCE	WKG MIAMI	AL -MA
6518.8	U	0432	NOWK	USCGC DEPENDABLE	WKG USCGC SALVIA	MC -AZ
6518.8	U	0433	NOWK	USCGC DEPENDABLE	WKG NMA	HBB-WA
8266.1	U	1747		SUN PRINCESS	WKG KMI	HBB-WA
8291.1	U	1930	KCEJ	R/V KNORR	WKG KXG 713	ET -MA
8344.1	R	0110	UMFW		RYS TO RND	MC -AZ
8351.0	R	0118	SDTG	NEPTUN YAR	TELEX TO WOM	MC -AZ
8357.5	R	0102	UHMO	RTMS MAKJIM HOMOKOW	RYS	RMA-IA
8363.0	C	1145	SZWO	KALLIOTI	CLG SAB	FB -FG
8418.0	C	0225	UVUQ		CLG UUYG	RR -MS
8425.0	C	2205	TCFS	MOHAC	CLG TCR	FB -FG
8993.0	U		WTEW	NOAA WHITING	WKG HOWARD RCC	MC -NY
8993.0	U	2005	WTEW	NOAA WHITING	WKG ALBROOK	JFC-NJ
10796.0	C	0033	UANS		'RMP DE UANS QSA?'	MC -NY
10796.0	C	0012	UHFW		CLG RMP	MC -NY
12506.5	R	1901	USYD	BALTIISKAIJA SLAVA	RYS	RMA-IA
12507.0	R	1240	UVGB	TH NIKOLAI KARAMZIN	RYS	JEB-CA
12509.0	R	0334	UINE	UPS PELENGAR	RYS	JEB-CA
12513.0	R	1722	UYEZ	TH ARARAT	WKG UFN	FB -FG
12516.0	R	0008	ESXG	RTMS ADAYKHOKH	TCF TO SEVASTOPOL	JEB-CA
12520.0	R	1033	UFVJ	TH BASHKIRIYA	WKG ODESSA	FB -FG
12520.0	R	1028	UWPK	TH HOSE DIAS	WKG LENINGRAD	FB -FG
12521.0	R	1725	UFGN	TR BURYA	WKG UDH	FB -FG
12521.0	R	1530	USJE	TH KOSMONAVT	WKG ODESSA	FB -FG
12521.0	R	1821	UTOM	RTMS BEVRUK	WKG KALININGRAD	FB -FG
12522.0	R	1822	UGXM	BMRT 238	WKG BATUMI	FB -FG
12522.0	R	0714	UDSZ	TH SEVERODONETSK	WKG ODESSA	FB -FG
12522.5	R	0345	UQUA	RTMS URANIYA	RYS TO UAI 3	JEB-CA
12524.0	R	1815	UEBM	TK RIGA	WKG RIGA	FB -FG
12524.5	R	2049	UVIC	RTMS VAN REINBERG	RYS TO UDK	JEB-CA
12526.5	R	0043	UNYG	TH VLADIMIR MAYAKOVSKI	RYS TO UPB	JEB-CA
12543.0	C	1517	J4FZ	BUENA FORTUNA	CLG WCC	FB -FG
12543.0	C	1635	LCXZ	BERGLJOT	CLG WCC	FB -FG
12543.0	C	1420	U1FQ	UGLEBRALSK	CLG WCC	FB -FG
12544.2	C	1428	SELN	DIAMOND RIVER	CLG GKE	FB -FG
12544.2	C	1138	JEZO	CHIKUMASON MARU	CLG WCC	FB -FG
12545.4	C	1423	BORI	ZHONG TIAO HAN	CLG XSV	FB -FG
12545.4	C	1414	ONME	MARTHA	CLG ASK	FB -FG
12585.0	C	1515	BOPL	WU XING	CLG XSG	FB -FG
15524.0	R	1118	EWAK	TR POLYARNY KRUG	WKG MURMANSK	FB -FG
16663.5	R	2134	EWCU	MB 0122	WKG ARKHANGELSK	RMA-IA

*** AERO ***

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
2692.0	U	0544	SPEEDBIRD 292	WKG GANDER	AL -MA
2899.0	U	0355	CLIPPER 102	WKG GANDER AERO	AL -MA
2899.0	U	0348	CLIPPER 80	WKG GANDER	AL -MA
3547.0	U	0456	NEW ZEALAND 9	WKG SF AERO	HBB-WA
3550.0	U	0335	CARIBBEAN 004	WKG SAN JUAN	POC-NH
3574.0	U	0713	AMERICAN 6	WKG HONOLULU	HSG-HI
3596.0	U	0117	CUBANA 493	WKG SANTA MARIA	JDW-FL
3598.0	U	2312	LUFTANSA 515	WKG NEW YORK	POB-NH
3598.0	U	0303	SPEEDBIRD 256	WKG NEW YORK	AL -MA
3598.0	U	0308	SPRINGBOK 204	WKG NEW YORK	AL -MA
3616.0	U	0338	CLIPPER 114	WKG SHANNON	AL -MA
3616.0	U	0010	MAC 70013	WKG NEW YORK	JDW-FL
3616.0	U	0012	TEAL 01	CLG NEW YORK	JDW-FL
3616.0	U	0328	TWA 714	WKG SHANNON AERO	AL -MA
3628.0	U	1004	NORTHWEST 2	WKG TOKYO	HSG-HI
3643.0	U	1005	JAPAN AIR 776	WKG AUCKLAND	HSG-HI
3658.0	U	0053	AIR FRANCE 482	WKG KHARTOUM	JDW-FL
3658.0	U	0120	KENYA 115	WKG TRIPOLI	JDW-FL
3658.0	U	0005	KENYA 155	WKG NAIROBI	JDW-FL
3691.0	U	1805	CG 1433	WKG PORTSMOUTH	FWB-NJ
3692.0	U	0101	CG 1416	WKG GALVESTON	SR -MI
3692.0	U	2002	CG HELD 1370	WKG BROOKLYN	SR -MI
3692.0	U	2004	CG HELD 1463	WKG CAPE MAY	SR -MI
3696.0	U	0104	CG 1394	WKG TRAVERSE CITY	SR -MI
3696.0	U	2201	CG 1431	CLG NOL	HBB-WA
3696.0	U	2210	CG 1431	CLG NSN	HBB-WA
3696.0	U	1418	CG 1438	WKG BOSTON	FWB-NJ
3696.0	U	1457	CG 1451	WKG SAN FRANCISCO	HBB-WA
3696.0	U	0236	CG 1473	CLG KODIAK	HBB-WA
3696.0	U	1737	CG 1482	WKG PORTSMOUTH	FWB-NJ
3696.0	U	0003	CG 1504	WKG PORTSMOUTH	JDW-FL
3696.0	U	1554	CG 1700	WKG SAN FRANCISCO	HBB-WA
3696.0	U	0014	CG 1702	WKG NEW ORLEANS	JDW-FL
3696.0	U	0234	CG 1708	WKG KODIAK	HBB-WA
3696.0	U	0038	CG 1710	WKG MIAMI	SR -MI
3696.0	U	0066	CG 1710	WKG MIAMI	AL -MA
3696.0	U	2359	CG 1710	WKG MIAMI	JDW-FL
3696.0	U	1317	CG 2116	WKG P/P W/PORTSMOUTH	JFH-MA

5696.0	U	1130	CG 2118	WKG MIAMI	SR -MI
5696.0	U	0232	CG 2130	CLG SAN DIEGO AERO	HBB-WA
5696.0	U	1738	CG 2133	WKG ELIZABETH CITY	FWB-NJ
5696.0	U	1410	CG 2135	WKG PORTSMOUTH	FWB-NJ
5696.0	U	0000	HEL0 1468	WKG PORTSMOUTH	JG -NY
5696.0	U	1704	WAV 57P	CLB SAN DIEGO	HBB-WA
5696.0	U	0005	RESCUE 2105	WKG USCGC VALIANT	JG -NY
5696.4	U	0215	CG 1451	CLG SAN FRANCISCO	RJC-MA
6577.0	U	0015	AEROFLOT 340	WKG NEW YORK	JDW-FL
6577.0	U	0049	CG 1503	WKG NEW YORK	SR -MI
6715.0	U	1725	SAM 31682	WKG ANDREWS	DS -OH
6750.0	U	0236	MAC 59413	WKG MCBUIRE COMMAND POST	KR -FL
8825.0	U	1936	SPEEDBIRD 194	WKG NEW YORK	JDW-FL
8843.0	U	0102	DYNASTY 308	WKG HONOLULU	HBB-WA
8864.0	U	1720	WARD AIR 849	WKG SANDER	PCC-NH
8891.0	U	0109	AIR CANADA 120	WKG CHURCHILL	JDW-FL
8894.0	U	0030	AEROFLOT 352	WKG ALBIERS	JDW-FL
8894.0	U	0025	ALITALIA 814	WKG NIAMEY	JDW-FL
8894.0	U	2400	BRITISH AIR 142	WKG TRIPOLI	JDW-FL
8894.0	U	0028	PORTUGAL 224	WKG NIAMEY	JDW-FL
8903.0	U	0853	GARUDA 873	WKG MANILA	HGG-HI
8903.0	U	1011	MAC 67949	WKG HONOLULU	HGG-HI
8903.0	U	1016	TIGERS 78	WKG TOKYO	HGG-HI
8942.0	U	0931	JAPAN AIR 719	WKG SINGAPORE	HGG-HI
8984.0	U	0513	CG 1602	WKG HONOLULU	JFH-MA
8984.0	U	2004	CG 2120	WKG NEW ORLEANS	JDW-FL
8993.0	U	1606	CLIPPER 456	WKG MACDILL	DS -OH
8993.0	U	2053	MAC 60192	WKG MACDILL	DS -OH
8993.0	U	2110	MAC 70173	WKG MACDILL	JPC-NJ
8993.0	U	2134	TEAL 11	P/P W/NAT. HURRICANE CNTR	JPC-NJ
8993.0	U	0539	TEAL 62	WX INFO	JFH-MA
9014.0	U	0248	KING 32	WKG KING 13	JFH-MA
9115.0	U	1701	ALIA 748	WKG ISMALIA	IK -UK
9887.0	U	0627	KIWI 931	WKG MCMURDO CENTER	MC -AZ
10075.0	U	0029	CLIPPER 499	WKG HOUSTON AERO	TFB-PA
11180.0	L	2115	SAM 86971	WKG ANDREWS	DS -OH
13225.0	U	1504	JORDANIAN 176	CLG ALIA BASE	IK -UK
13248.0	U	1453	LTG 630	CLG BASE	IK -UK
13300.0	U	0303	JAPAN AIR 73	WKG TOKYO	HGG-HI
15015.0	U	1426	AIREVAC 38083	WKG ASCENSION	DS -OH
15046.0	U	1414	665 B	CLG INTERFLUG	IK -UK

*** TACTICAL ***

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
4400.8	U	2137	EAGLE ONE	WKG MIAMI	SR -MI
4420.5	U	1830	HOBNOB 9	WKG HOBNOB 5	JPC-NJ
4441.0	U	1247	HOTEL B & WHISKEY 11	WKG HOTEL B & WHISKEY 12	JPC-NJ
4443.4	U	1246	F4K	WKG V3K	JPC-NJ
4464.3	U	1748	FREEDOM 22	WKG EMPIRE	JPC-NJ
4582.0	U	1259	VAR. RED DOG UNITS	WKG EACH OTHER, HURRICANE	JPC-NJ
5318.0	U	0525	8CA	WKG UNID STATIONS	JPC-NJ
5571.0	U	0655	SLINGSHOT	WKG OMAHA 09	KFN-FL
5596.5	U	0805	TAXI LEGION	NET	IK -UK
5696.0	U	1922	9 DELTA QUEBEC	WKG PORTSMOUTH	JPC-NJ
5696.0	U	1228	GRAPE	WKG PEACH, PEAR, APPLE	SR -MI
5700.0	U	2300	CULMINATE	WKG SHADROCK	JPC-NJ
5800.0	U	1725	EAGLE ONE	WKG SHARK 371	KFN-FL
5800.0	U	0635	MARLIN	WKG 1379	KFN-FL
5800.0	U	1546	PANTHER	WKG SHARK 623	KFN-FL
5800.0	U	0500	SHARK 623	WKG SHARK 324	KFN-FL
6415.0	U	0540	691A	WKG 691B	JPC-NJ
6720.0	U	0504	D9W	WKG BWP	JPC-NJ
6738.0	U	1050	AIRCRAFT 56	WKG YOKOTA	HGG-HI
6741.0	U	1001	PENALTY	CLG JAZZ 2	IK -UK
6761.0	U	0529	ROOTS 94	WX OBS	JPC-NJ
6761.0	U	0355	MATRA 59	WKG EQUALIZE	JFH-MA
8778.0	U	0515	N2T	WKG NZX	JPC-NJ
8912.0	U	1745	CLOSEOUT 600	WKG OMAHA 52	KFN-FL
8912.0	U	1803	SLINGSHOT	WKG ALMIGHTY	KFN-FL
8912.0	U	0115	SUNSHINE	WKG TIDEWALKER	KFN-FL
8972.0	U	2350	ZULU & SIERRA	CLG ROMEO 2 ALPHA	JDW-FL
8989.0	U	0157	RALPH 11	WKG MCCLELLAN	DS -OH
9010.0	U	0048	VANCOUVER MILITARY	WKG GULF WHISKEY 090	DS -OH
11076.0	U	0025	ATLAS	CLG CONDOR 700 MIKE	KR -FL
11076.0	U	1545	ATLAS	WKG SWORDFISH	KFN-FL
11182.0	U	2021	RAMP 26	P/P RAYMOND	JPC-NJ
11243.0	U	0033	RECTANGLE	WKG MILL HOUSE	JDW-FL
11243.0	U	0023	RED CEDAR	WKG USURP 82	JDW-FL
11631.0	C	1525	W57	WKG H6L	RR -MS
14686.0	U	1750	ATLAS	WKG FLINT 450	KFN-FL
14686.0	U	1915	ATLAS	WKG FLINT 340	KR -FL
14686.0	U	1800	FLINT 221	WKG PANTHER	KFN-FL
15046.0	U	1425	DRAINAGE	WKG BUTTON 23	IK -UK
18019.0	U	1615	HEAD DANCER	WKG ASCENSION	DS -OH
18666.0	U	1912	CONDOR	R/C W/ATLAS	KR -FL

*** NUMBERS ***

DATE	STRT-STOP	FREQ	M	LL/66	TRAFFIC	CONTRB
09/04/85	0225-0257	8418.0	A	EE/YL	3/2 PATTERN	RR -MS
09/04/85	1338-----	9113.0	A	SS/YL	5D GRPS. POOR MODULATION	LJC-WJ
09/11/85	1335-----	9120.0	A	SS/YL	5D GRPS	PAT-CA
09/15/85	0416-----	6800.0	A	SS/YL	4D GROUPS, DEEP FADES	PAT-CA

09/15/85	0535-0545	8024.0	A	SS/YL	5D	GRPS	TFS-PA
09/15/85	1709-1718	12313.0	U	6B/YL	5D		RT -FL
09/23/85	0511-0515	10338.0	A	SS/YL	5D	GROUPS	JEB-CA
10/01/85	1005-----	6802.0	A	SS/YL	3D	GROUPS PLUS 10D GROUP	FW -FL
10/10/85	0907-----	6782.0	A	SS/YL	5D	GROUPS	FW -FL
10/10/85	2136-----	5082.0	A	SS/YL	5D	GROUPS	FW -FL

*** VLF/LF/MW ***

CNTRY	FREQ	M	TIME CALL	CITY	IDENT	TRAFFIC	CONTRB
CAN	353.0	C	0338 YAW	SHEARWATER	NDB	ID	POC-NH
CAN	394.0	C	0204 YB	NORTH BAY	NDB	ID	MF -PA
CZEC	104.8	X	0113 DLT 22	PRAGUE	METED	120LPM	IK -UK
CZEC	111.7	X	0124 DLT 21	PRAGUE	METED	120LPM FAX	IK -UK
DEN	122.3	C	0122 OUA 23	AARHUS	MARCO	V MARKER	IK -UK
ENG	379.0	A	2337 GKO	ELMIRA	RADIO	WX BCAST	JG -NY
FRG	134.1	X	0151 OCF 54	OFFENBACH	METED	CAN ANYONE VERIFY CALL?	IK -UK
FRG	1830.5	C	0140 DHJ 59	WILHELMSHAVEN	NAVRAD	MARKER	IK -UK
POL	129.5	R	0153 SOA 41	WARSAW	METED	50-100R	IK -UK
PR	391.0	C	0200 DDP	DORADO	NDB	ID	MF -PA
TURK	139.2	C	0135 TBA 2	ANKARA	NAVRAD	MARKER	IK -UK
USA	306.0	C	0310 R	? FLORIDA	NDB	ID	MF -PA
USA	336.0	C	0154 MCZ	WILLIAMSTON	NDB	ID	MF -PA
USA	340.0	C	0155 BGG	WOODBIDGE	NDB	ID	MF -PA
USA	379.0	A	0509 A	TETERBOROUGH	NDB	WX - HURRICANE WARNING	VWH-NY
USA	388.0	C	0243 NXX	WILLOW GROVE	NDB	ID	POC-NH
USA	388.0	C	0158 NXX	WILLOW GROVE	NDB	ID	MF -PA

*** QSLs ***

CNTRY CALL	DES/ID	NAME/LOCATION	QSL/ POSTAGE/ #DAYS	FREQ	CONTRB
		FLYING TIGER 4006	PFC MS 41	5616.0	POC-NH
		AIR FRANCE 257	PFC MS 21D	8825.0	POC-NH
		LTU 431	PFC MS 75D	8825.0	POC-NH
		TWA 715	PFC MS 25D	8891.0	POC-NH
		BERMUDA STAR	LETTER NO POST 20D	4090.0	AL -MA
			PFC MS 17D	5696.0	POC-NH
			PFC NO POST 14D	5320.0	AL -MA
			PFC NO POSTAGE 16D	2662.0	AL -MA
			PFC NO POST 35D	6200.0	AL -MA
			PFC 42D	5696.0	AL -MA
			PFC NO POST 21	6200.0	AL -MA
			CARD NO POST 93D	4109.0	AL -MA
			PFC MS 20D	8753.0	DS -OH
			PFC MS 14D	8294.2	JMW-CO
			PFC 21RC 16D	12907.5	JMW-CO
			PFC MS 43D	17161.3	POC-NH
			MAP CARD 21RC 28D	8711.5	JMW-CO
			CARD/LETTER 21RC 14D	6676.0	JMW-CO
			FOLDER 21RC 36D	4500.0	JMW-CO
			LETTER NO POST 20D	5598.0	AL -MA
			LETTER 21RC 77D	12709.0	PG -NW
			CARD 11RC 27D	9226.0	PAC-UK
			PFC MS 19D	8891.0	POC-NH
			PFC MS 25D	8891.0	POC-NH
			PFC 11RC 15D	6604.0	JMW-CO
			PFC MS 21D	4290.3	JMW-CO
			CARD 21RC 9D	12753.5	JMW-CO
			CARD 21RC 19D	12753.5	PG -NW
			LETTER 21RC 25D	8993.0	POC-NH
			CARD NO POSTAGE 61DAYS	8957.0	AL -MA
			PFC 21RC 27	8625.0	JMW-CO
			LETTER 21RC 16D	8511.9	JMW-CO
			CARD MS 10D	15000.0	JMW-CO
			PFC 21RC 17D	17007.2	JMW-CO
			CARD 21RC 20D	13042.5	JMW-CO
			CARD 21RC 13D	8653.6	JMW-CO
			CARD/LETTER NO POST 13D	13054.0	AL -MA
			LETTER 21RC 11D	12727.6	JMW-CO
			LETTER 21RC 13D	8828.0	JMW-CO
			CARD 21RC 15D	17170.4	JMW-CO
			LETTER 21RC 43D	12717.0	JMW-CO
			LETTER NO POST 65D	8557.0	AL -MA
			21RC 92D	8557.0	JMW-CO
			LETTER 21RC 48D	13410.0	JMW-CO
			LETTER 21RC 21D	6676.0	JMW-CO
			PFC MS 52D	8566.0	POC-NH
			PFC 11RC 30D	10461.0	PAC-UK
			CARD 21RC 12	12784.5	JMW-CO
			PFC MS 37D	11176.0	POC-NH
			PFC MS 11D	8582.5	PG -NW
			CARD MS 9D	12435.4	PG -NW
			CARD MS 30D	2670.0	RSR-ON
			PFC MS 16D	5696.0	POC-NH
			PFC MS 14D	12432.3	JMW-CO
			LETTER NO POST 8D	5598.0	AL -MA

CORRECTIONS As promised many times, here is the corrections list:

ISSUE COLUMN	IT WAS	SHOULD BE	SOURCE
85/02 BEACONS	15120/EK	15120/EK/RUSSIAN JAMMER	IK -UK
85/02 BEACONS	1709/MTD	EUROPE/SCOT/1709/MTD/ROSYTH NAVRAD	IK -UK
85/02 EUROPE	CYPR/KWS	GREE/KWS 78/ATHENS	IK -UK

85/02	EUROPE	FRG/FRANKFORT	FRG/FRANKFURT	IK -UK
85/02	SOUTH AME	PERU/LIMA/VOLMET	ARGN/RESISTENCIA	IK -UK
85/02	TACTICAL	1118 KHZ	1118 KHZ	IK -UK
85/02	UNIDENTIF	KRH 44	KRH 44/MONROVIA LIBE US EMBASSY	IK -UK
85/02	UNIDENTIF	RSVIC	RSVIC/CAPETOWN SOAP NAVRAD	IK -UK
85/03	EUROPE	FRAN/11223/BICARROSE MARCO	FRAN/11223/BICARROSE FAF	IK -UK
85/03	RTTY	11009.5/MADRID EFE SPAN	11009.5/BUENOS AIRES EFE ARGN	IK -UK
85/03	RTTY	9114/MTI	9114/H86 31/BUAPEST MTI	IK -UK
85/03	TACTICAL	6691/PREP	6691/PORFV (POSITION REPORT)	IK -UK
85/03	UNIDENTIF	16458/YBU	16458/YBU/BELIEVED IN CUBA	IK -UK
85/03	UNIDENTIF	2197/78KLP	2197/78KLP/NAVRAD BUT NOT MADRID	IK -UK
85/04	AERO	5558 (BDTH LOGS)	5598	IK -UK
85/04	AFRICA/MI	ETHO/8927/HOLLOWAY	ETHO/8927/ADDIS ABABA	IK -UK
85/04	CARRIBEAN	PR/5796	PR/5696	IK -UK
85/04	EUROPE	CYPR/KWS 78	GREE/KWS 78 ATHENS	IK -UK
85/04	EUROPE	ENG/12807.5/GYA	ENG/12807.5/GYVC 5	IK -UK
85/04	EUROPE	ENG/5703.6750.11176/WOLVEY	ENG/CROUGHTON	IK -UK
85/04	EUROPE	ISRL/6379/C/4XZ	ISRL/6379/U/4XZ	IK -UK
85/04	PACIFIC	AUST/11308	AUST/11380	IK -UK
85/04	RTTY	10645.3	10645.3	IK -UK
85/04	RTTY	10711.7/ORLEANS NAVRAD	10711.7/ORLEANS FAF	IK -UK
85/04	RTTY	11660/PUNTA ARENAS NAVRAD	11660/KING GEORGE ISLE METE, ANTA	IK -UK
85/04	RTTY	14497.3/MCA 326	14497.3/CSY 66 SANTA MARIA AERO	IK -UK
85/04	RTTY	17427.5/OFA	17427.5/OFA HELSINKI DEN	IK -UK
85/04	RTTY	3755.2/NAVRAD	3755.2/FRANMIL	IK -UK
85/04	RTTY	5293.5/DELHI	5293.5/CALCUTTA	IK -UK
85/04	RTTY	8117/LUSAKA	8117/9JZ 6/LUSAKA AERO	IK -UK
85/04	SHIPS	NAVY 5050	AERO, NOT SHIP	IK -UK
85/04	TACTICAL	11100/AUDIO CADET	11100/AUDIO CADET/USAF NET	IK -UK
85/04	TACTICAL	8993/HOWARD	8993/HOWARD AFB, PANA	IK -UK
85/04	UNIDENTIF	10148	10148/FPK 5 PARIS FTS	IK -UK
85/04	UNIDENTIF	10175	10175/CUA 53 LISBON CPRM	IK -UK
85/04	UNIDENTIF	15738/3MHW	15738/3MHW/INTERPOL	IK -UK
85/04	UNIDENTIF	164 & 185 KHZ	BROADCAST STATIONS, NOT UTES	IK -UK
85/04	UNIDENTIF	18042/DZFG	18042/DZFG/BELGRADE MFA, YUGO	IK -UK
85/05	CARRIBEAN	RFNW	RFNW/ MOSCOW AERO	IK -UK
85/05	CARRIBEAN	COL	COL/ HAVANA AERO	IK -UK
85/05	EUROPE	FRAN/13193.8/FTS	FRAN/13193.8/MARCO	IK -UK
85/05	UNIDENTIF	14523/RUES	14523/RUES/USAF UNKNOWN QTH	JEB-CA
85/05	UNIDENTIF	19095	19095/COULD BE ITZ 90 N'DAMENA	JEB-CA
85/06	AERO	1354 KHZ	1354 KHZ	IK -UK
85/06	NORTH AME	USA/20186/WA3NAN	US/21390/WA3NAN	IK -UK
85/06	UNIDENTIF	12022.5/WRA 50	12022.5/WRA 50/US EMBASSY -QTH ?	JEB-CA
85/06	UNIDENTIF	12022.5/WRA 50	12022.5/ACA 50 ALBROOK USAFB	DW -CT
85/06	UNIDENTIF	12153/UNCOMPEX	12153/LINCOMPEX	IK -UK
85/06	UNIDENTIF	16733.5/HLO	16733.5/HLO/ COULD BE SEUL MARCO	JEB-CA
85/07	VLF	AMN	AMN/ ALMA, MI	RF -MD
85/07	VLF	GDW	GDW/GLADWIN, MI	RF -MD
85/07	VLF	MB	MB/SAGINAW, MI	RF -MD
85/07	VLF	PHN	PHN/PORT HURON, MI	RF -MD
85/07	VLF	VV	VV/WIARTON, ON	RF -MD
85/07	VLF	ZR	ZR/SARNIA, ON	RF -MD
85/09	CARRIBEAN	12280/CLN 369/FEEDER	PROBABLY 2ND HARMONIC OF R. HAVANA	WOD-PA

NUMBERS STATIONS REVEALED Ian Kerr, of Surrey U.K., kindly sent a letter explaining the source of some German numbers stations :

"Now we have an official explanation of NUMBER STATIONS in German. On 29 August one of the official British national TV networks (C4) on its nightly news interviewed an East German agent who had confessed to the authorities." "She worked for the HVA, that is, the East German intelligence. She listened to two frequencies and copied down number groups. These contained three types of messages; instructions, confirmations of messages, and Christmas/ birthday etc. greetings to provide encouragement. There was stated to be at least 10,000 illegals like her still operating in West Germany."

Along the same lines, Dan Sheedy of California writes:

"Some info on the North Korean [numbers station] on 5872a... their sked is *1000-1030* & *1400-1430*. ...begins with about 3-4 minutes of IS, into 'Song of Gen'l Kim Il-Sung' & then a [VL] with [number] groups (3-4 per group), occasionally has classical mx as a bridge... Peggy Thompson [taped some bcasts] and contacted some Korean friends.. [they say] these are 'a North Korean spy network aimed at infiltrators in South Korea from Pyongyang'"

Many thanks to Dan, Peggy, and Ian for a valuable service.

I GIVE UP! After being beat on the head for so long by so many, I will now acknowledge 72JKL as Madrid Navrad in future columns. The clincher was a letter in September's Popular Communications magazine.

UPDATES FOR SRGU John Henault of Abington, MA writes of several cutters removed from the USCGC lists. They are:

USCGC ACTIVE (WMEC 618) USCGC COSMOS (WLIC 293)

USCGC MAHONING (WYTM 91) USCGC NANTUCKET LIGHT SHIP (WLV 611)

One cutter has been added; USCGC SPENCER (WMEC 905), call NWHE.

That's about it for now. Until next month, 73's and BEST DX!

(UP FRONT continued from page 2)

ANOTHER NOTE FROM MR. TRAUTSCHOLD

"Here is my periodic reminder to you... send in your receivers! (Types of receivers for the Contributors List, I think, hi! tk) One of these days we would like to be able to fill in all of the blank spots on the Contributors List with your receivers. Naturally you all have one, so why not send it to me today. Or, you can include it with you logs to the editors and they'll pass it on to me. Thanks. I won't quit as Membership Chairman until all the spaces are filled, so if you want to get rid of me, send in your receiver types NOW!!!"

PAPUA NEW GUINEA STAYS THE SAME...PROBABLY.

Asia/Oceania editor Bob Thunberg tells me that his extensive research into the possibility of a new name for Papua New Guinea has turned up nothing. Seems they were having a contest to rename the country or something, but Radio Australia still is calling them 'Papua New Guinea' and they oughta know, I guess. I guess my entry of 'Bobcats' wasn't good enough, hi!

A MESSAGE FROM CARL HUFFAKER

"Thanks gang.

The name of the originating party and QTH were not transmitted via telephone on some of the health and welfare requests to Mexico by ham radio, so I can't thank you personally.

Not only is the entire family 'Oscar Kilo', but the house, equipment, and antennas, although shaken up a bit, are in good condition.

I remember, in combat, the sudden feeling of gratitude one feels, when after a close one, a friend looks around to see if you're still there."

Carl Huffaker, Mexico, DF, Mexico

THE CHINA CLIPPER WILL FLY AGAIN!

From George Scott 3rd-S.KOREA comes this notice from 'Korus', a magazine for members of the U.S. Forces in Korea:

'The China Clipper will fly again... Pan Am will celebrate fifty years of service across the Pacific with a reenactment of the historic flight of the legendary China Clipper from San Francisco to Manila. The special fiftieth anniversary flight of this historic Pacific crossing will be aboard a Pan Am 747 leaving San Francisco on November 22. True to the original routing, China Clipper II will land in Honolulu, Midway and Wake Islands, and Guam, before heading to Manila... The reenactment flight will cover the same distance [as the original China Clipper, 8210 miles] in 40 hours and 55 minutes. The China Clipper II will depart San Francisco at 0900 on November 22 and arrive in Manila at 1755 local time on November 24."

No data on frequencies to be used, but UTE buffs might keep an ear out for this one.

SPECIAL MEDIUMWAVE DX TEST

Wayne Heinen-CO informs Up Front of a mediumwave DX test arranged by the National Radio Club. WMGO...1370 KHz...Monday AM 11 November 1985...0900-0930 UTC...tones, music, voice and CW IDs. Reports to Mr. Gene Dow, General Manager, WMGO Radio, P.O. Box 182, Canton, MS 39046. Please include return postage for QSL.

Just made it. Thanks to all who voted for me, I appreciate your trust. Also thanks to those of you who've been writing with your comments and questions about the magazine. A special hello to Bill Miller (KDX&L) in California, here's the ink and international exposure you've always wanted, HI! Take care all and CUN 30. *gsm*

SPEEDX

ads

TOM KEPHART, Ads Editor
Post Office Box 2041
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Ads are run for one month only on a first-received, first-printed basis. This service is for the use of SPEEDX members only; no dealers or retailers please. Please NO COLLECT CALLS to advertisers who list phone numbers, unless indicated otherwise in the ad. SPEEDX claims no responsibility for the claims made by advertisers, or for the condition of merchandise purchased from advertisers.

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FOR SALE: Large listing of shortwave stations on index cards, arranged by frequency. Mostly utilities, but also includes a few pirates and other misc. stations. Ranges from LF to 29 MHz. CW, SSB, and RTTY included. Compiled from issues of various magazines, including Monitoring Times. Handy for IDing unknown stations. Price \$6 plus postage, send 50c for photocopy samples. Larry J. Chickerell, Route 1, Box 262, Fairmont, WV 26554.

=====

WANTED: Lafayette HA-6 and Hallicrafters SX-100 "Silver Front" receivers in good condition. Also, WRTH 1960-68, 1972 and 1974-76 editions. Will pay shipping. Tom Daly, 132 Richard Court, Pomona, NY 10970. Phone (914) 354-5087 evenings at reasonable hour.

=====

NO COLLECT CALLS!!! NO COLLECT CALLS!!! NO COLLECT CALLS!!! NO COLL

=====

FOR SALE: Back issues of SPEEDX (February 1974 to December 1984) and FRENEX (August 1975 to December 1984). \$4.00 per year, you pay shipping. H.C. Beal, P.O. Box 1246, Walla Walla, WA 99362. Phone (509) 529-0073.

=====

REMEMBER... SPEEDX WANT ADS SERVICE IS FOR SPEEDX MEMBERS ONLY

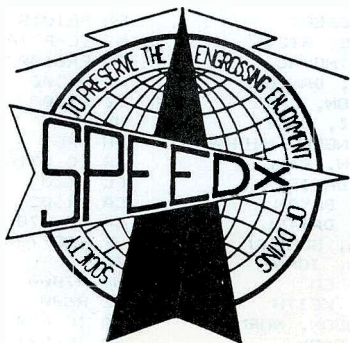
=====

FOR SALE: Yaesu FRG-7700 with 12 channel memory and manuals, \$400 if I pay shipping, \$350 if you pay shipping. Hammarlund HQ-170, good condition but no manuals, \$100 and you pay shipping. R23-ARC 5, one useable and one for parts, package only, no manuals, \$35 and you pay shipping. Also, **WANTED:** manuals for Hamtronics R144 receiver, T51 VHF/FM Exctr, P30 VHF pre-amp. Will pay reasonable copy charges. Lyle M. Taylor, P.O. Box 2024, Rapid City, SD 57709-2024. Phone (605) 343-4384.

=====

FOR SALE: Panasonic RF-2200, good condition, \$70 or best offer. Mario Filippi, RD 1, Box 1209, Mount Bethel, PA 18343. Phone (717) 897-5317.

=====



SPEEDX "STICK-ON" LOGO. Black on white background. Great for those loose-leaf binders, book covers, log books, QSL cards, file folders, and, yes, even on some of the equipment in your "shack." MUST BE APPLIED TO A SMOOTH SURFACE ONLY! Three "stick-on" logos, cost in NA is \$1.00 or 4 IRCs. Airmail to the rest of the world, three "stick-on" logos, is US \$1.50 or 6 IRCs. Sold only in sets of three. Order from SPEEDX HQS in Tucson.

CONTRIBUTORS LIST:

NOVEMBER 1985

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER
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TOTAL CONTRIBUTORS: 176

7	ABBINANTE, PHIL	IL IC-R71A	2	LANGLOIS, HAROLD	FL
1	ABERNATHY, MILES	TX	1	LASKY, DAVID	NY
2	ADAMS, ROBERT	MA R2000	5	LEVINSON, HAROLD	PA IC-R70
4	ADDISON, JOE	KS R600	1	LEWKOWICZ, ABE	MA DX302
3	AGNER, MIKE	PA	1	LINDLEY, TERRY	AL
1	AKED, ROGER	FR 1650/2	2	LOWE, DEREK	NC FRG7
1	ALEXANDER, RODNEY	IA IC-R70	1	MAGNE, LARRY	FA
1	BEAL, BART	WA R4C	1	MAHONEY, MICHAEL	FL SPR4
2	BEAUDOIN, ROBERT	CT R2000	2	MANDERSCHIED, MIKE	CA ICF2001
1	BELGHAUS, FRED	NJ IC-R71A	1	MARGOLIS, ROBERT	IL
3	BERRI, JASON	CA RF2900	1	MARTINNS, PIETER	SA
4	BINGHAM, FRANK	MA R7000	2	MENDEZ, LUIS	NJ R1000
4	BISHOP, FORREST	NY RF4800	1	MERRIFIELD, FRANCES	NY
3	BLAIR, ARTHUR	CA R1000	5	MILLER, BILL	CA DX400
1	BODENHAGEN, FRED	FG SAT 3400	3	MIYAUCHI, SATOSHI	JP TS430V
2	BOWDEN, RALPH	CA FRG7700	5	MOLL, SUSAN	MI FRG7700
1	BRADLEY, HERB	MA DX302	1	MOORE, ALEX	UK R7
6	BREWER, DON	AR R1000	1	MOORE, DON	IA
6	BROWN, EDWARD	IL RF2200	4	MORIN, KATHY	ON RF3100
1	BYRON, LESLIE	PA PATROL 9	2	MOSER, ROBERT	IL
2	CARD, PETER	RI NRDS05	1	MUNSTER, RALF	GA FRG7700
3	CARLSON, VIRGIL	WA	1	MUZYKA, WILLIAM	NY RF4900
3	CEREGHIN, JOHN	MD DX400	2	MCCANTS, DONALD	AL RF2200
1	CHABAK, MIKE	AZ	1	McGUNNEY, ??	PA
3	CHICKERELL, LARRY	WV DX400	4	McKINNEY, LARRY	PA R1000
1	CHINSKEY, MARK	NY ICF5000W	1	NACHT, ALAN	NY R2000
2	CIRONE, JOSEPH	NJ IC-R70	4	NEFF, GEORGE	OH
2	CLAYTOR, DAVID	MI R1000	4	NEUVERTH, MICHAEL	CO DX400
5	COLE, JACQUELINE	CO FRG7000	1	NEWELL, KENNETH	FL ICF2001
4	COLEMAN, ROBERT	MA FRG7	2	NOWICKI, MICHAEL	CA IC-R71A
1	CONSTANTINIDE, COSTA	SA NRDS15	2	O'CONNOR, PATRICK	NH DX302
1	CONWAY, PETER	UK 57J-4	3	ORR, TONY	FL R600
5	D'ANGELO, RICHARD	PA NC190	1	PAGANO, FRANK	DC FRG8800
1	DE CASSAN, FERDINAND	AU IC-R70	6	PFEFFER, MORRIS	NY RF2200
5	DEMMITT, JOHN	PA HOMEBREW	1	POTORTI, BILL	NV
2	DICKERMAN, WILLIAM	PA DX400	3	PRATH, JOHN	FL IC-R71A
6	DILLON, PETER	MD DX400	3	QUAGLIERI, AL	NY SF600JX
2	DONEGAN, PAUL	CA ICF2002	4	ROBERTS, KENNETH	FL R2000
1	DOWNING, RON	CO IC-R70	8	ROBINSON, BETSY	TN FRG7700
1	DUNCAN, GREGORY	NC	3	ROCKER, RAYMOND	MS FT7576X
1	EVANS, JAMES	TN R2000	2	ROMANIN, GIORGIO	IT
1	FALBO, ANTHONY	OR R1000	4	ROSS, ROBERT	ON FR101S
1	FAMULARO, RALPH	JP RFB-30	1	RUTLEDGE, STEVE	MI IC-R71A
1	FILLIPI, MARIO	PA R2000	6	SABLE, THOMAS	PA FR6000J
1	FINKLE, PHIL	CA TR7A	2	SAMPSON, DANIEL	WI DX300
1	FISHER, ALLEN	NM	1	SANDERSON, JACK	AZ R1000
2	FLEISCHAKER, TED	KY ICF2001	1	SCHMAUTZ, SCOTT	NY
3	FORSBREN, RAY	WI FRG7700	1	SCHULSINGER, MICHAEL	OH FRG7
2	FRANK, KENNETH	ON RA-17	7	SHAMBLIN, BILL	AR IC-R71A
2	FRASER, BOB	MA CR2021	5	SHARP, DAVID	FL R600
2	FREEMAN, JOHN	AZ HQ160	1	SHARPE, BRYAN	CA DX302
4	FRIBERG, JOHN	NH R2000	6	SHEEDY, DANIEL	CA IC-R70
1	FROEMMING, GARY	AZ	2	SHIMADA, SENSHU	JP FRG7700
1	GAFFIN, JOSH	NY	1	SHONDER, JOHN	IL
1	GARDINER, HERBERT	HI	7	SOOMRE, ED	MA R7000
1	GEHRING, HERBERT	TX	1	STAATS, KEITH	IL R600
6	GERSTNER, JOHN	NY DX1000	3	STEPHENSON, NORMAN	CA IC R70
7	GOODMAN, JOEL	IA R600	1	STONE, GARY	WA IC-R71A
4	GRANONE, PAUL	NM FRG7	4	STRANSKY, LAWRENCE	NY R2000
2	GRAY, J. SPEED	MI SP600JX	1	STRATMANN, HENRY	MO SPR4
3	GROSVENOR, NORMAN	CA FRG7	1	STREETER, ROBERT	NY R4B
1	GUNTER, JOHN	NC R1000	1	STUART, JERRY	UK FRG7

1	GURLEY, TED	TX R600	1	SYMINGTON, DARYLL	OH IC-R71A
1	HARDESTER, MICHAEL	CA R1000	2	TAYLOR, LYLE	SD FRG7700
1	HARRIS, MIKE	OH IC-R71A	1	THIM, WILLIAM	CT R1000
2	HAWK, MICHAEL	VA	2	THOMPSON, GLENN	NM IC-R71A
1	HEATON, JOHN	FL	6	THOMPSON, PEGGY	CA FRG7
4	HEINEN, WAYNE	CO R390A	4	THUNBERG, BOB	PA R1000
1	HENAU, JOHN	MA R2000	1	TRACY, FRANCIS	IL
3	HESCH, RUTH	NY R1000	3	TRENT, JOHN	AK RF2900
4	HEVERN, VINCENT	NY ICF2002	6	TROTTO, RON	FL CR2021
2	HICKS, DONALD	TN IC-74S	6	TRUMMEL, KEVIN	FG FRG7700
1	HOLBROOK, HANK	MD HQ129	2	VALENTINE, F.A.	CA IC-R70
2	HUFFAKER, CARL	MX HOMEBREW	2	VAN HORN, GAYLE	FL RF3100
4	HUNT, BILLY	NC NR0515	2	WELCH, FRANK	MA ICF6800W
2	JONES, BRIAN	TX IC-R70	6	WEYRICH, CARROLL	MD RF4900
2	JORDAN, GREGORY	NC ICF2002	3	WHITE, FRED	FL NR0515
5	KAESSINGER, ROBERT	FG	1	WICKS, CRAIG	MI FRG7700
5	KEENAN, DAVID	CA IC-R71A	3	WILKINS, JOHN	CO R1000
1	KEPHART, TOM	MI RF2600	1	WILLIAMS, JOHN	FL ITT3010
1	KERR, IAN	UK R2000	1	WILLIAMS, T.E.	FL
1	KLOFFENSTEIN, DAVID	OK NRC60	1	WILSON, ROGER	ME
5	KNIGHT, ROBERT	WA	2	WITTE, MARJORIE	CA FRG7
1	KOBYLSKI, TONY	MD FRG7	3	WOERING, HAROLD	MA R1000
1	KRIST, KRAIG	VA	1	YAEGER, CARL	PA
1	KUBALA, TIM	NY RFB600	3	ZIEGLER, EDWARD	ME R2000
1	KUSALIK, EDWARD	AB FRG7000	2	ZILMER, ROBERT	NM R1000
5	KUSTRA, DAVE	AZ RF2200	2	ZIRKELBACH, BOB	CA R1000

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:

AFRICA/SKEDS/T & T/MONTAGE-SPOTLIGHTS

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INDEX

November 1985
 Volume XV, Number 11

COVER DESIGN:
Dewitt-PA & Thompson-CA

Up Front.....	<i>Kephart</i>	2
Spotlights/DX Montage.....	<i>Sharp</i>	3
15 Years of Memories.....	<i>Kephart</i>	10
Product Profiles.....	<i>Nowicki</i>	12
Tips 'N' Topics.....	<i>Dewitt</i>	14
Program Panorama.....	<i>Seymour</i>	22
Station Skeds.....	<i>Lobdell</i>	23
Western Hemisphere.....	<i>Cereghin</i>	25
Europe.....	<i>Sampson</i>	33

Africa.....	<i>Quaglieri</i>	39
Asia/Oceania.....	<i>Thunberg</i>	47
Japan Report.....	<i>Fanularo</i>	54
MEDIUMwaveguide.....	<i>Sharp</i>	55
QSL Report...Kanopka & Forsgren		56
Utility Scene.....	<i>Knapp</i>	64
SPEEDX Ads.....		73
Contributors List...Trautschold		74
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