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The DX Radio Magazine for Active SWLs
NOVEMBER ISSUE was mailed on 7 November.

BOARD OF DIRECTORS

NEWS ✓ BOD MOTION #109-1:
1987 "SPEEDXer OF THE YEAR" AWARD: The Board of Directors has selected the recipient of the 1987 SOTY award. The vote was unanimous. The honoree will be revealed in the January 1987 issue of SPEEDX.

✓ BOD MOTION #109-2:
OPENING SPEEDX AWARDS PROGRAM TO ALL APPLICANTS: The SPEEDX Awards Program has been revised and updated, along with the official Country List. As soon as these materials are printed and distributed, the SPEEDX Awards Program will be open to all applicants, both members and non-members of SPEEDX. Motion passed unanimously.

ECPA '86 PASSES I've been trying to keep you up to date on this bill. Well, it finally passed the House and Senate, and will go into effect in mid-January. The Electronic Communications Privacy Act of 1986's final draft may be found in the Congressional Record 1 October issue, page S-14441. In its final form, the bill doesn't appear to affect the entire hobby adversely, but dependant on the outcome of the Senate Judiciary Committee's interpretation of the bill, it still may have specific effects on certain segments of the monitoring hobby. According to Senator Carl Levin (D-MI), the bill exempts the following types of electronic communications from penalties if monitored: amateur radio operators and general mobile radio services; marine and aeronautical systems; police, fire, civil defense and other public safety radio systems; and any other radio communication which is made through a system that is "readily accessible to the public." These types would remain legal to monitor, so it would appear that SPEEDX will not be adversely affected. The exact definition of "readily accessible" may depend on the Judiciary report, however, so after the report is available, I'll try to bring you a more complete report on the outcome of ECPA '86... until that time, my opinion of the bill may be less than accurate.

COVER ART My folder of cover art has become rather thin lately. I need a few hardy, semi-artistic members to help me replenish it! Original SPEEDX cover art should be on white paper in black ink, and should be no more than 9 inches tall by 5 inches wide. The art can be any style.

To make it worth your while, I'm going to run a small contest. First and second place entries will win a copy of the "Guide to Soviet Radio" or "Foreign Language Reporting Guide" (your choice). All entrants will receive one membership point, as usual. Contest cover art must be received no later than 31 January 1987 to be eligible for judging. The publisher will be the sole judge, and the following factors will be considered:

1) Originality
2) Neatness
3) Quality of Work
In other words, you don't have to be Michelangelo as long as it's neat enough to be used as soon as I take it out of your mailing envelope! Also, since I'm financing the prizes, I reserve the right to be completely arbitrary in my opinions, hi!

STAFF ANNIVERSARIES I started doing this a while back, but somehow got away from it. I think these milestones are very worthwhile to note, Up Front continues on page 63
SPEEDX SPOTLIGHTS

THESE SPECIAL DX'ers and SWL's

David Sharp, Editor

Time for our grand finale for 1986! This month, only one new Full Member... but you know what they say, "one is better than none!" Congrats go to:

JOE LOTURCO.........NY

How about more of you getting on the band wagon for 1987. Can't think of a better way to get the New Year off to a great start!

Greetings are extended to twenty-five new and rejoining members to SPEEDX:

Roger Sabella
Chicago, IL

Joseph Lally
Crystal Lake, IL

Paul Haka
Haines City, FL

Timothy Hickman
Baltimore, MD

Richard Coquel
Park Ridge, NJ

Chris Hambly
Box Hill, AUSTRALIA

Joe Kocks
Parramatta, AUSTRALIA

Edmund Florimont
Beach Haven, NJ

Werner Musterle
Calv, WEST GERMANY

Mario Stutterheim
Montauk, NY

John Fischer, Jr.
Wallingford, PA

Terry Busby
Wynne, AR

Garry Shaw
Orange, CA

Jean-Claude Mainguy
Quebec City, PQ

Kevin Davidson
Easley, SC

Raymond King
Kelowna, BC

Jerry Blake
Fort Wayne, IN

Neal Kolb
Belen, NM

Kevin Hobson
Seattle, WA

Robert Rickelman
Elizabethtown, PA

Dan Ferguson
Washington, DC

David Bush
Sebring, OH

Wayne Benkinney
Burton, MI

P.J. Allen
Mountain View, CA

Brent Allred
Opa Locke, FL

Welcome again to each and every one of you. From the looks of things, the winter season will be a good one this year, and we'll help you to get the most from your hobby. Of course, you're also invited to contribute to your favorite columns...so let's see your names in the pages of SPEEDX real soon!

My editing duties continue with DX Montage on the next page..............
Death of an SWL, by: Richard E. Wood, Ph.D: Samora Machel, first President of the People's Republic of Mozambique, died in an air crash of disputed origin in South Africa on October 26.

It is well known that Machel was the founder and leader of Frelimo, the liberation movement which became the governing party in Mozambique's pro-Marxist one-party state after independence from Portugal, which had ruled the east African territory for four hundred years.

What is not so well known is that Samora Machel was a dedicated shortwave listener; one of his few escapes from the burdens of office, a shaky economy and the onslaught of the MNR right-wing resistance movement, was walking on the sandy beach of Maputo Bay comparing the news offered by 3 stations broadcasting in Portuguese to Africa--his favorite, the BBC from London, and also Radio Moscow and Radio Beijing.

Try to put yourself, for a moment, in the shoes of a worried African leader, with a largely illiterate, tribally riven, religiously disunited nation, less than five percent of whom even speak the country's official language, as he paces barefoot on the white sand of the Indian Ocean and, on his hand-held receiver, checks these BBC Portuguese to Africa frequencies: 1325-1580: 6190, 11820, 15105, 17880. 2030-2115: 6190, 9765, 11820, 15400.

Samora Machel was not the only left-wing and revolutionary leader to be an SWL. The Diaries of Ché Guevara refer to his searching the shortwave bands and finding the BBC, VOA, and Radio Presidente Balmaceda, a Chilean then active on 9600 kHz. (Thanks again to Richard for sending this in. We welcome his expertise to the SPEEDX staff! ds.)

A New Approach to Jamming Abroad: Although the U.S. has persistently complained about jamming, it had made little headway until recently when a new head of a new State Department office stepped up the case against jamming by the U.S.S.R. and Eastern European countries.

Ambassador Diana Lady Dougan, Assistant Secretary of State and Coordinator for International Communication and Information Policy, is the newest Washington player in this long-simmering superpower debate. By pressing Moscow through an obscure international radio regulation, Mrs. Dougan has focused other countries' attention on jamming. And officials say the Russians may be on the verge of relaxing a practice that has blocked international transmissions off-and-on since 1948, not long after the U.S.S.R., U.S. and more than 100 other nations signed the charter of the International Telecommunications Union.

In the past the U.S. approached the problem through a rule that requires the telecommunications union, upon receiving a complaint, to solicit a response from the nation accused of jamming. The Russians brushed aside re-
quests for a response to these accusations as simply as they continued to block the radio signals themselves. But another, little-noticed section of the rules gave Mrs. Dougan the opening through which to pursue her case without waiting for the Russians’ cooperation.

Article 12 of the union’s regulations permits countries to call for a study of interference with radio signals. The provision, which had long been viewed as simply a mechanism for studying technical disruptions in broadcasts, suddenly became a tool for piercing the curtain of static shrouding much of the U.S.S.R. and Eastern Europe. The union’s executive arm, which is headed by a Soviet member, took up Mrs. Dougan’s complaint and produced a report detailing 37 examples of signal jamming by the U.S.S.R. and Eastern bloc countries.

What is more, the union has gone ahead with a second, broader study that some State Department officials, who have seen preliminary data for the report, predict will provide solid evidence of more than 100 Soviet jamming transmitters. When the report becomes public, it could cause the Russians a serious embarrassment if the transmitters are still in operation then. Embarrassing the Russians is not the same as getting them to act. Still, Mrs. Dougan and others believe the Russians may be ready to consider loosening up on their jamming, and they hope that a little well-placed embarrassment might move that process along.

Other officials said they had reason to believe that the Soviet Ministry of Communications might be urging the Foreign Ministry to stop authorizing the widespread jamming. Finally, a relaxation of Soviet jamming would not be unprecedented. In 1963, when a partial nuclear test ban treaty ushered a thaw in U.S.-U.S.S.R relations, and again in 1973, on the eve of the Helsinki conference on human rights, the Russians began allowing Russian-language VOA and BBC broadcasts into the country. (From the New York Times and contributed by David Bush-Oh and S. George-MA. ds.)

U.S. Willing to Let Moscow Broadcast Here: The U.S. and the Soviet Union have been holding high level talks in an attempt to negotiate an unusual exchange of radio programs. Charles Wick, director of the U.S. Information Agency, said that the tentative plan is to beam VOA broadcasts over domestic Soviet stations in return for the right of Moscow radio programs to be carried by stations in the U.S.

Wick said he has undertaken to find a radio network willing to allocate time to Moscow radio programming as a result of talks in Iceland during the meeting between President Reagan and Mikhail Gorbachev. The effort, one of the most intricate of the Soviet-American discussions in recent months, is a direct outgrowth of a brief discussion on Soviet jamming held by Reagan and Gorbachev.

Wick said an unpublicized set of discussions was held in Iceland between himself and Alexander Yakovlev, the Soviet Communist Party secretary in charge of propaganda. The talks, at the Soviet headquarters in the Saga Hotel, centered on ways of expanding the flow of information between the two countries.

Gorbachev said that during the meeting in Iceland, he raised with Reagan the “unequal situation” of radio broadcasts beamed at each other’s countries. He was referring to the fact that a large share of Soviet households have radio sets that have a wide range of frequencies, allowing them to hear Western broadcasts. In the U.S., most radio sets are designed for domestic broadcasting in the medium-wave range, and do not pick-up short-wave broadcasts — from Moscow, for example.

The United States, too, has considered broadcasting access to the two countries unequal, but for different reasons. The U.S. says Americans are allowed to listen freely to any foreign broadcasts while the Soviet government jams Western broadcasts, contrary to agreements on increasing the flow of ideas. In the past, Soviet officials have defended jamming on the ground that Western broadcasts are hostile and meant to undermine the Soviet system. But Gorbachev, in his speech, gave an entirely different justification for jamming, saying that it was being done because the U.S. did not provide an equal opportunity for Soviet broadcasts to reach Americans. Gorbachev said he made this proposal to Reagan:

“We shall stop jamming the Voice of America and you shall give us the opportunity on your territory or somewhere nearby of setting up radio broadcasts to the United States so that they will get through to the popula-
tion of your country. The president promised he would think about it.” Wick said that since returning from Iceland, he had spoken to the heads of radio networks, some of whom had expressed an interest.

“One wants no compensation and one wants to do it as a service for the country if we gain equal access in the Soviet Union,” Wick said. Gorbachev’s original proposal was for the Soviet Union to be granted a radio station in the United States, but Wick said foreign governments are not permitted to own stations. (Via the New York Times and the Arizona Republic. Contributed by Ruth Hesch-NY, Michael Magick-AZ, Ronald Marshall-AZ, and William Musyka-NY. ds.)

Meteorites May Get a Starring Radio Role: Meteorites flashing through the night sky have furnished scientists with knowledge and poets with inspiration, but thanks to recent experiments conducted by GTE Government Systems of Waltham, MA, meteorites also may provide pathways for the transmission of the human voice.

GTE reports that its scientists have successfully transmitted a spoken communication from one point on the Earth to another by bouncing FM radio signals from the ionized trail of a meteor. Amateur radio operators have long used the technique to bounce FM radio transmissions in Morse Code over long distances. The main problem of using a meteor trail to relay a radio signal is that the trail lasts no more than a second or two. But GTE has developed a way of digitizing a voice communication and compressing the digitized data so that it can be transmitted in a few hundredths of a second.

The main point of using meteorites (three to ten hit the Earth’s atmosphere every second) is to maintain reliable radio communications in time of war, when electromagnetic pulses would blank-out ordinary radio signals. (Contributed by Bob Moser-IL. From the Chicago Tribune. ds.)

Phony Messages in South Florida: A knowledgeable radio operator in the Miami area has transmitted orders over air traffic control frequencies twice over the past few weeks, once fooling a passenger plane into changing its altitude, an FAA official said. “There were some serious transmissions on the air traffic control approach frequency on two different days in the past couple weeks” Federal Aviation Administration spokesman Jack Barker said. (From Jack Heaton-FL and the St. Petersburg Times. ds.)

News From Jeff White: Radio Discovery has returned to the air with a new 1-kilowatt transmitter. Their current schedule is 1800-0000 UTC Monday thru Saturday, and 1300-1600 UTC Sunday, on 15045 kHz. Programming is in Spanish and English. All correct reception reports will be verified with a QSL card; send them to: P.O. Box 25454, Tampa, FL 33622 or 332 Corey Ave., St. Petersburg Beach, FL 33706......also from Jeff White comes word that Radio Clarin International will be reactivated as soon as some technical problems can be ironed out. Stay tuned to Montage for further developments!

Harold Woering’s Helpful Hints: I have a few tips that may not seem to be that sophisticated, but it makes life easier for me. I had a 0-30vdc and a 0-1dc ma meter that I used for projects. By putting them in a small wooden box that I made with a screw-type terminal connection strip on the outside of the box, they were much easier to use and wire.

I had a digital AM/FM alarm clock. The radio portion had broke. Dissassembling the unit, I found that the digital clock would work without the radio circuitry. The power cord, transformer and clock were before the radio. I disconnected the radio circuit and again made a small wooden box with a rectangular hole on the bottom of the box to expose the setting buttons. The unit looks great next to my MFJ 24 hour clock. By the way, don’t throw away the speaker from the broken set, chances are it still works good. Placed in a small box, it makes a great external speaker. (Thanks for those helpful hints, Harold! Just a reminder to members that original articles, like this one from Harold or the one from Dr. Wood, are especially welcome in DXM. ds.)

Congress Passes Privacy Bill: Landmark privacy legislation passed by Congress is designed to protect against unauthorized interception of electronic communications. If approved by President Reagan, the Electronic Com
Communications Privacy Act, would change and update the 1968 Federal voice-oriented wiretap law to reflect dramatic changes in computer and communications technologies, including the expansion of electronic mail and development of computer networking.

The law would make it illegal to access electronic messages without authorization and has the support of the entire computer and communications industries. The bill also has the support of the Justice Department and the American Civil Liberties Union.

Exempted from coverage as part of the resulting compromise are certain electronic communications. These include the radio portion of a cordless phone conversation; tone-only paging devices; amateur radio operators and general mobile radio services; marine and aeronautical communications systems; specific transmissions via audio subcarrier; and the satellite transmission of satellite cable programming. Also exempt would be any other radio communications made through an electronic communications system that is configured so that it is "readily accessible to the general public."

Senator Patrick Leahy (D-Vt.), a principal sponsor, noted that Americans today have at their fingertips a broad array of telecommunications and computer technology, encompassing electronic mail, voice mail, electronic bulletin boards, computer storage, cellular telephones, video teleconferencing and computer-to-computer links. "These technological advances are wonderful," he said. "They make the lives of individual citizens easier and they promote American business. Unfortunately, most people who use these new forms of technology are not aware that the law regarding the privacy and security of such communications is in tatters."

Accordingly, the update wiretap measure is intended to provide what is characterized as "a reasonable level of federal privacy protection" to these new forms of communication. It outlines standards under which law enforcement agencies may obtain access to both electronic communications and the records of an electronic communications system. It also creates civil penalties for users of electronic communications services whose rights have been violated. Another provision, responding to the recent "Captain Midnight" cable TV interference/interception incident, enlarges penalties for intentional or malicious interference with a satellite transmission.

At the same time, in a bow to civil libertarian objections, the final version of the legislation underscores that inadvertent reception of a protected electronic communication is not a crime. In essence, the privacy legislation, as passed by Congress, establishes criminal penalties for anyone who intentionally gains, without authorization, access to a computer through which an electronic communication service is provided, and obtains, alters or prevents access to a stored electronic communication. The offense will be punishable as a felony if committed for commercial advantage, malicious destruction or damage, or private commercial gain. Otherwise, it will be punished as a petty offense. (From Management Information Systems Week, and contributed by Art Pike-NM. ds.)

Don McCants, Critic: I want to pass along information about two interesting programs that the BBC will broadcast in December. First of all, the annual "Festival of Nine Lessons and Carols," from the Chapel of King's College, Cambridge, will be broadcast on December 24, at 1500 UTC, with a repeat broadcast on December 25 at 0030 and 0935 UTC. The childhood bedtime story, "The Old Man of Lochnagar," written and read by His Royal Highness The Prince of Wales, will be broadcast on December 25 at 2345 UTC, December 27 at 0730, December 28 at 1645, and December 30 at 1330 UTC. (For more holiday programming info, be sure and check "Program Panorama." ds.)

DXM Postbag 'n' Other Stuff: First of all, a note from John Vockeroth, who is trying to get in touch with Dave Jones. Dave, if you're reading this, please contact John at 609-767-3966 (home), 609-346-5725 (work), or write: 10 Murray Hill Dr, Atco, NJ 08004. Don Erickson says the Century Print Shop is offering the '87 WRTH at a special price. More info available by calling 704-687-5910, or writing to: 6059 Essex St, Riverside, CA 92504. Deadline for the special price ($17 Book Rate or UPS; CA residents add $1.02 sales tax) is January 20. Ernie Dellinger-OH says he's been a member for 9 months, and that we have a super mag. Thanks, Ernie! Also thanks to George Scott 3rd for his recent letter. Finally, apologies to Robert Margolla-IT who should've gotten credit last month for the story on VOA-Europe. ds.
As promised last month, here are the complete rules and regulations to our All-band DX Contest:

**Time Frame:** The contest will be held from 0000 UTC on December 19, 1986, to 2359 UTC on December 21, 1986.

**Modes and Services:** Any SWBC station, including feeders. Excluded are UTE, ham and CB.

**Point System:**
A. Ten points for each different station logged (i.e. BBC, RSA, Radio Dublin, R. Atlantida, etc.)

B. Five points for different frequencies logged (i.e. the BBC may be logged on several different frequencies for five points each). The ten points in (A) above would count for the BBC only once (at the same site that is), but the five points for number of frequencies would be unlimited.

C. Ten points awarded for each different radio country, per SPEEDX list.

D. Ten points awarded for each MHz band logged (i.e. 9605 and 9700 would be one MHz band).

E. Multiplier: Add totals of (A) through (D) and then multiply times the number of continents logged (i.e. one through seven).

**Sample:** (Note: complete detailed logs will be required- this sample's shortened to save space).

<table>
<thead>
<tr>
<th># Station</th>
<th>Freq.</th>
<th>Country</th>
<th>Continent</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. BBC Direct</td>
<td>15070 kHz</td>
<td>Great Britain</td>
<td>Europe</td>
</tr>
<tr>
<td>2. Radio RSA</td>
<td>7270 kHz</td>
<td>Republic of South Africa</td>
<td>Africa</td>
</tr>
<tr>
<td>3. UAE Radio/Dubai</td>
<td>15300 kHz</td>
<td>United Arab Emirates</td>
<td>Asia</td>
</tr>
<tr>
<td>4. NHK/Radio Japan</td>
<td>9605 kHz</td>
<td>Japan</td>
<td>Asia</td>
</tr>
<tr>
<td>5. Radio Andina</td>
<td>4996 kHz</td>
<td>Peru</td>
<td>South America</td>
</tr>
<tr>
<td>6. Radio Australia</td>
<td>17795 kHz</td>
<td>Australia</td>
<td>Australia</td>
</tr>
<tr>
<td>7. BBC Direct</td>
<td>5975 kHz</td>
<td>Great Britain</td>
<td>Europe</td>
</tr>
</tbody>
</table>

**Computation:**
Category A: 6 stations x 10 = 60.  Category B: 7 Freq's. x 7 = 5 = 35.
Category C: 6 countries x 10 = 60.  Category D: 6 Bands. x 6 x 10 = 60.
(Total of A thru D: 215 points)  Category E: 5 Cont's. x 5 = 1075.

**How To Enter:** Send in your logs on the standard SPEEDX report forms, or type them neatly on a sheet of paper. If you must write out your loggings, that's okay, but again, please be neat and orderly. Loggings should be sent here no later than January 12th. Nice prizes will be awarded to the top 3 entries!

**Editor's note:** We will resume with our normal contests next month. Donald Weber knew ZOE in Tristan signed-on in 1968 (Pin the Tail on Ye Ed)....and Giorgio Romanin knew our mystery country last month was Pakistan. Both guys to get a nice prize in the mail soon. da.

Wow! It looks like that ends another year of Montage. Thanks to everyone who made the column a success this year, and let's hope for an even better 1987! Until January, all the best for a blessed Christmas and a wonderful New Year.

**Editor's note:** We will resume with our normal contests next month. Donald Weber knew ZOE in Tristan signed-on in 1968 (Pin the Tail on Ye Ed)....and Giorgio Romanin knew our mystery country last month was Pakistan. Both guys to get a nice prize in the mail soon. da.

**CRACKER COUNTRY:** Frequencies are like department stores...735 they're always opening and closing!
DECEMBER 1986...Where has the year gone? This month, we have some suggestions as to Christmas programming which is available on SW:

ECUADOR...Thanks to HCJB's Advanced Program Details for December, we have some highlights of this month's programming from the Voice of the Andes: December 8: HAPPINESS IS has a program of carols by Alfred Hurl; 10: DX PARTY LINE features the Falklands/Malvinas Islands and the FIBC; 12: PASSPORT takes a look at life in Northern Ireland; 13 HAPPINESS IS looks at some Christmas stories, while THIS IS ECUADOR looks at preparations for Christmas in Ecuador; 17 HAPPINESS IS has a program on Christmas traditions in Ecuador; 18 MUSICAL MAILBAG has an Open Line Christmas call-in at 0230 UTC (another live program to a different part of the world will be on the 20th at 0700 UTC); 19th PASSPORT looks at what it means to be Jewish; other programs of interest include 24th: DX PARTY LINE has a Christmas special on the founding of HCJB 55 years ago; 26th PASSPORT has a musical review of 1986. HAPPINESS IS can be heard at 0730, 1230 and 0430 UTC, DX PARTY LINE at 0930, 2130, 0230, 0630 UTC, PASSPORT 1900, 0100, 0530 UTC, THIS IS ECUADOR 0130, 0530, 0815, 0945 UTC on Sun UTC. Thanks to HCJB for providing this information to us.

UNITED KINGDOM...BBC World Service has an interesting lineup of programs for the holiday season. A RADIO CHRISTMAS CARD features popular music, presents with personal greetings and songs of the times. 22nd 0945, 1900 UTC...BUSH HOUSE CAROL SERVICE has the Archbishop of Canterbury as its speaker this year, 21st 1030, 22nd 0930 UTC...FESTIVAL OF NINE LESSONS AND CAROLS on the 24th @ 1500, 25th @ 0030, 0935 UTC...THE MESSIAH will be presented on the 24th @ 2030, 25th @ 1400 UTC...ON FATHER CHRISTMAS'S DOORSTEP is scheduled for the 24th @ 1215, 2130, 28th @ 0915 and 29th @ 0230 UTC. Lapland, in the far north of Scandinavia, is Europe's last great wilderness. It's supposed to be the home of Father Christmas, and if you go there, you'll certainly find snow and reindeer, as well as wolves, Arctic fox, bear and lemmings. Barry Paine visited Lapland to find out about its wildlife, and he also learned about human life in the inhospitable climate, where at this time of year it's dark for almost 20 hours of the day......Two programs look at traditions of Christmas. THE NATURE OF CHRISTMAS may be heard on the 24th @ 1630, 27th @ 0145, 2315, 29th @ 0530 UTC and THE TWELVE DAYS OF CHRISTMAS can be heard on the 24th @ 1900, 26th @ 0100 UTC...THE SHEPHERD is a three-part story about a pilot over the North Sea set in Christmas Eve 1957. He has no radio or compass and the fog is thick. Have I got your interest? Tune in 24th @ 1245, 25th @ 0315, 0915/25th @ 1245, 26th @ 0315, 0915/26th @ 1245, 27th 0315, 0915...THE QUEEN delivers her message at 0930, 1500 and 2245 UTC on the 25th...THE GROTTO is a play scheduled for the 23rd 0530, 24th 1715, 25th 0330 UTC. Christmas is approaching. Santa sits in his grotto in a large department store, and a succession of small children come to tell him what they want for Christmas. But just before closing time, a boy arrives at the grotto. He's bigger than the other children - surely at 15 too old to believe in Santa Claus? But he has special reason for wanting to talk to him. (London Calling, December 1986)

SPECIAL FEATURE...Stevan Davies of PA continues from last month: "It seems to me that the potential growth in SW listening will come from people interested in hearing foreign music and/or receiving news from non-English speaking countries. SPEEDX and related publications simply do not cater well to such an audience. Two terms are in use, DXers and SWLers. They are not the same. While SWLs probably constitute the potential growth audience for shortwave, DXers and their values, govern the publications." An interesting insight. More next month. Until then, Good Listening.
**Station Skeds**

**ANTENNA AZIMUTH (AZ°), GAIN (dB), AND ANGLE OF ELEVATION (EL°)**

<table>
<thead>
<tr>
<th>TIMES (UTC)</th>
<th>LANGUAGES</th>
<th>EDITOR: Ralph S. Bowden</th>
<th>FREQUENCIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>0800-0825</td>
<td>9880 BE</td>
<td></td>
<td>0100-0130</td>
</tr>
<tr>
<td>1400-1425</td>
<td>15590 DT</td>
<td></td>
<td>0200-0230</td>
</tr>
<tr>
<td>2200-2255</td>
<td>5910 BG</td>
<td></td>
<td>0300-0330</td>
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<tr>
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<td>5910 DT</td>
<td></td>
<td>0930-1000</td>
</tr>
<tr>
<td>0000-0025</td>
<td>5910 SP</td>
<td></td>
<td>1050-1120</td>
</tr>
<tr>
<td>0030-0055</td>
<td>5910 BE</td>
<td></td>
<td>1140-1210</td>
</tr>
</tbody>
</table>

| 0000-0030   | 9880 BE   |                         | 0100-0130   |
| 0000-0030   | 15155 FR  |                         | 0200-0230   |
| 0000-0030   | 15155 SP  |                         | 0300-0330   |
| 0000-0030   | 9870 BE   |                         | 0930-1000   |
| 0000-0030   | 6230 SP   |                         | 1050-1120   |
| 0000-0030   | 15155 FR  |                         | 1140-1210   |
| 0000-0030   | 15155 SP  |                         | 1150-1210   |

**TARGET AREAS**

| 1200-1600   | 11910 SP  |                         | 1100-1300   |
| 1200-1600   | 15155 BG  |                         | 1200-1600   |
| 1200-1600   | 15160 SP  |                         | 1200-1600   |
| 0030-0130   | 11910 BG  |                         | 0000-0030   |
| 0030-0130   | 15155 BG  |                         | 0030-0700   |
| 0030-0130   | 15155 SP  |                         | 0100-0125   |
| 0030-0130   | 9870 BE   |                         | 0200-0225   |
| 0030-0130   | 9870 BE   |                         | 0500-0515   |
| 0030-0130   | 15155 FR  |                         | 1140-1210   |
| 0030-0130   | 15155 SP  |                         | 1150-1210   |

**POWER (kW)**

Belgium: Belgische Radio en Televisie (BRT). Brussels, valid until 3-29-87:

| 0800-0825   | 9880 BE   | 0100-0130   |
| 1400-1425   | 15590 DT  | 0200-0230   |
| 2200-2255   | 5910 BG   | 0300-0330   |
| 2230-2325   | 5910 DT   | 0930-1000   |
| 0000-0025   | 5910 SP   | 1050-1120   |
| 0030-0055   | 5910 BE   | 1140-1210   |

China: People's Republic: United Nations Radio via Radio Beijing. Broadcasts heard on Saturday only:

| 0800-0900   | 11600, 11755, 15280 CH | 1415-1430 |
| 1200-1300   | 11500, 11755, 15280 CH | 1430-1500 |
| 1600-1630   | 15160 12000, 11910, 9835, 9585, 6110 | 1400-1425 |
| 1800-1830   | 12000, 11910, 9835, 9585, 6110 | 1430-1500 |
| 2000-2030   | 12000, 11910, 9835, 9585, 6110 | 1430-1500 |

Ecuador: HCB, La voz de los Andes. Quito, Latinuga Relay. G.C. 78°37'S/00°56'S. Programs heard in N. America:

| 1200-1600   | 11910 SP  | 1100-1300   |
| 1200-1600   | 15155 BG  | 1200-2030   |
| 1600-2145   | 15160 SP  | 2230-2300   |
| 2230-2320   | 11960 BG  | 0000-0030   |
| 2300-2330   | 15150 GM  | 0030-0130   |
| 2200-2300   | 15160 CH  | 0030-0700   |
| 0030-0130   | 11910 BG  | 0030-0700   |
| 0030-0130   | 15155 BG  | 0030-0700   |
| 0030-0130   | 15155 SP  | 0030-0700   |
| 0030-0130   | 9870 BE   | 0030-0700   |
| 0200-0700   | 6230 SP   | 0030-0700   |
| 0000-0030   | 15155 FR  | 0030-0700   |
| 0050-0700   | 11910 BG  | 0030-0700   |

Israel: Israel Radio International, Jerusalem, English Language, D-86 Season:

| 1100-1300   | 15640, 13720, 12000 28,6-8 |
| 2000-2030   | 13720, 9435, 7465 28,6-8 |
| 2230-2300   | 13720, 9435, 7465 28,6-8 |
| 0000-0030   | 9435, 7465, 5885 6-8 |
| 0100-0125   | 9435, 7465, 5885 6-8 |
| 0200-0225   | 9435, 7465, 5885 6-8 |
| 0500-0515   | 13720, 9435, 7465 28,6-8 |

*Note: Specific terminal remark, such as ILG, BF, DXLS, FRG, 1987 will be used to identify an entry containing information taken from INTERNATIONAL LISTENING GUIDE and reprinted with permission of publisher. © Bernd Friedewald, DX Listener's Service, Homberg, FRG. Specific terminal remark, such as 1987 WRTH, NY, USA, will be used to identify an entry containing information taken from WORLD RADIO T.V. HANDBOOK and reprinted with the permission of publishers © 1987 RDI, Ltd., Penn's Park, PA. Specific terminal remark, such as 1987 WRTH, NY, USA. will be used to identify an entry containing information published by the British Broadcasting Corporation, Monitoring Service, Reading, England. Specific terminal remark, such as CCN, GD (DATE), will be used to identify an entry containing information taken from INTERNATIONAL LISTENING GUIDE and reprinted with permission of publisher. © British Broadcasting Corporation, Monitoring Service, Reading, England.*
MONACO: Trans World Radio, Monte Carlo, D-86 Schedule, Beam to Europe, North Africa and Middle East:

<table>
<thead>
<tr>
<th>Time</th>
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<th>Power</th>
<th>Days</th>
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(Direct, TVRB, Extracts. Also, D-86, TheB, IFBR, ITU.)

NETHERLANDS ANTILLES: Trans World Radio, Bonaire, D-86 Schedule:

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(Direct, TVRB, Complete. R. Lemke, AB. J. Sanderson, A2.)

PAPEA NEW GUINEA: National Broadcasting Commission, Boroko, Latest Information:

- **Station, Location:** LG
- **P2K3**, Port Moresby: 3925 EG
- **P2K4**, Port Moresby: 4890 "
- **P2T4**, Port Moresby: 4890 "
- R. N. Solomon, Kieta: 6020 "

(Continued)
SENEGAL: OFFICE DE RADIODIFFUSION T.V., DO SENEGAL, VIA DAKAR RELAY, G.C.
17°26'W/14°19'N, D-86 SEASON.

LG TAR A Z° kW dB
1000-1800 6045 FR/VN 46 ND 5 4
1000-1800 6180 " 46 ND 5 4
1000-1800 7170 " 46 100 100 5
1000-1600 7210 " 46 100 100 5

(ON-BAND: D-86 THFBS, IFRB, ITU.)

UNION OF ARAB EMIRATES: U.A.E., R.T.V., DUBAI RELAY, G.C. 95°16'E/25°16'N, D-86,
ARABIC AND ENGLISH LANGUAGES:

LG TAR A Z° kW dB EL°
1030-1100 17775 IT-13 295 300 16 15
1330-1100 21605 18,28 322 500 24 9
1600-1630 11940 36,38 295 300 23 16
1600-1630 15435 41,49 255 300 16 16
0330-0400 7100 11-13 295 300 18 16
0330-0400 9640 3,47 325 300 20 12
0330-0400 11940 3,47 322 500 23 9
0330-0400 15435 41,49 255 300 16 16
0530-0600 11730 55,19 115 500 21 7
0530-0600 11775 55,19 115 300 33 7

(D. V. SOCIETY)

U.S.A.: KGBV INTERNATIONAL, DALLAS RELAY, G.C. 96°52'W/33°13'N, ENGLISH
LANGUAGE, D-86 SEASON:

LG TAR A Z° kW dB EL°
1645-2000 11735 27 42 50 10 5
2000-2200 11790 27 42 50 10 5

(D-86 THFBS, IFRB, ITU.)

U.S.A.: CHRISTIAN SCIENCE MONITOR, BOSTON, MASS., VIA SCOTT CORNERS,
MAINE, G.C. 68°34'W/47°21'N, D-86 SEASON, ENGLISH LANGUAGE:

LG TAR A Z° kW dB
1400-1800 21570 37,48 90 500 20
1800-2000 11755 46,57 105 500 23
0200-0400 9745 48,51 90 500 23
0700-0800 6300 9-17 45 500 23

(ON-BAND, D-86 THFBS, IFRB, ITU.)

U.S.A.: R. FREE AFGHANISTAN, VIA R.
FREE EUROPE/R. LIBERTY, D-86 SEASON, POSSIBLY PASHTO AND DARI LANGUAGES:

LG TAR A Z° kW RL DAYS
0300-0315 7240 30 70 100 A 3 5 7
0300-0315 9540 30 70 250 B 3 5 7
0300-0315 9655 29 63 250 B 3 5 7
0200-0215 9725 29 77 100 C 3 5 7
0200-0215 9725 29 77 250 C 3 5 7
0200-0215 11815 30 60 100 C 3 5 7
0300-0315 11815 30 70 250 B 3 5 7
0300-0315 11855 28 64 100 B 3 5 7
1400-1415 11855 29 85 100 C 2 4 6
1400-1415 11855 29 64 250 B 2 4 6
1400-1415 11815 30 60 250 C 2 4 6

(COMPETITOR: 1987 PDI, IBS, USA, and
D-86 THFBS, IFRB, ITU.)

U.S.A.: WMBW, WORLD INTERNATIONAL BROADCASTING, RED LION, PA RELAY, G.C. 76°34'W/
39°54'N, D-86 SEASON, ENGLISH LANGUAGE:

LG TAR A Z° kW dB EL°
0000-2345 15185 37 65 50 15 20
2245-2345 15145 37 65 50 15 20
0000-0330 15145 12 160 15 20 7

(ON-BAND, D-86 THFBS, IFRB, ITU.)

U.S.A.: KVOH, "HIGH ADVENTURE'S VOICE OF
HOPE FOR THE AMERICANS," LOS ANGELES, CA,
VI ANHEIM SIMI RELAY, G.C. 118°58'W/
34°15'N, VALID 11-2-86 TO 3-1-87: 60% SPANISH,
40% ENGLISH PROGRAMMING:}

LG TAR A Z° kW dB EL°
1400-1600 9852.5 10-12 100 50 14 10
1600-2300 17775 10-12 100 50 14 10
2300-0300 11930 10-12 100 50 14 10
0300-0600 9852.5 10-12 100 50 14 10
0600-0800 6005 10-12 100 50 14 10
(DIRECT, KVOH, 10-31-86. SKIP ZONE:
0 to 300 KM: AUDIBLE TO 8,000 KM.)

U.S.S.R.: R. BAKU, AZERBAIJAN S.S.R.,
D-86 SEASON:

LG TAR A Z° kW dB
1000-1045 6135, 6110 FS 200 39,40
1100-1200 6135, 6110 TK 200 28,39
1200-1300 6135, 6110 AZ 200 39,40
1300-1400 6135, 6110 FS 200 39,40
1400-1500 6135, 6110 TK 200 28,39
1500-1600 6135, 6110 AR 200 39,40
0230-0315 6135, 6110 FS 200 39,40

(BC, MS, WBI, 6-27-86. Also, 1986 WRTH,
A.G. Billboard. "1985, 1986, BLEX, BDL,
FR, MS, DALLAS.)

U.S.S.R.: ARMENIAN S.S.R.: GOSTELRADIO,
YEREVAN, LATEST INFORMATION:

0200-2100 11760, 11705 FR 27,28
0700-0750 15510, 15180, 15160 (Sun) 27,28
0750-0900 15510, 15180, 15160 (Sun) 28,39
1200-1300 6120, 4990 AZ 39,40
1300-1400 6120, 4990 KD 39,40
1430-1530 6120, 4990 AM 39,40
1530-1600 6120, 4990 TK 39,40
1600-1630 6120, 4990 AR 39,40
1630-1700 6120, 4990 KD 39,40
1700-1715 6120, 4990 TK 27,28

(VATICAN CITY: R. VATICANA, EUROPE,
SANTA MARIA GALLERIA RELAY, G.C. 12°19'E/
42°03'N, D-86 SEASON:

LG TAR A Z° kW dB EL°
1400-1425 15405 SP 10-13 301 500 18 9
0000-0030 9615 12-16 245 500 18 9
0030-0050 9605 FR 6-10 294 100 15 17
0050-0110 11845 ED 6-10 294 100 15 17
0130-0330 6150 2,3,6 326 100 15 17

(R. Yajko, PA. W. Muzika, NY. DIRECT, RV.)

MAIL SHORTWAVE SCHEDULES TO EDITOR.
RALPH S. BOWDEN
North America and Caribbean

Loggings to: Thomas F. Soble
University of Scranton
Scranton, PA 18510

Christmas time will soon be here and the winter wind is reddening the cheeks. Crank up those old tube radios and keep the shack warm at the same time. Congratulations to Frank Welch for the first logging of the new KVOH. Look for this one under the U.S.A. heading from now on. So amid the snow drifts and the radio’s crackle we go on to the loggings: language is English unless noted otherwise.

ALASKA KNLS
9720 0445 Pop mx with OM dj (233 10/30 Miller CA)
11905 0230 Big Band mx, ID (454 10/12 Uetake JA) God’s Word (322 10/27 Soomre MA)

ANTIGUA Deutsche Welle relay**British Broadcasting Corp. relay
6040 0146 DW Self-help group (544 10/13 Brown IL)
6120 0502 DW Iran-Iraq war, human rights declaration (544 10/18 Brown IL)
9690 0558 GG DW News; ID in EE (353 10/13 Wakefield IA)
11775 1720 BBC Pop mx, Gershwin, jazz (444 10/25 Miller CA) Stage plays (555 10/22 Alexander NJ) Saturday Special (444 10/25 Curtis TN)
15410 0145 GG DW YL with folk songs about flowers (444 10/21 Westenhaver OJ)

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

5960 0324 RCI New nX review by Larry Miller, propagation (444 10/11 Brown IL)
5965 1140 BBC MX of Edmund Rubbra (454 10/26 Westenhaver OJ) International Gardeners (544 10/22 Alexander NJ)
6005 1134 CFRE Rock mx, Montreal elections (333 10/11 Dillon MD)
6045 0425 GG DW Chemoybl, nx (434 10/25 Bern CA)
6070 1531 CFRE Call-in program, Ads (333 10/10 Neff OH) Wx, nx, sports (333 10/27 Wakefield IA) Earthquake in El Salvador (333 10/13 Brown IL)
6120 1100 BJ News, DX Corner (454 10/12 Welch MA) Bangladesh, JJ lesson (454 10/25 Welch MA) JJ lesson (444 10/11 Brown IL) Silk road (444 10/14 Neff OH) Japan travel, soccer (Neff OH) Asia now (444 10/21 Twiggs CT) Iceland talks (555 10/13 Fraser MA) Nx (555 10/24 Soomre MA)
6160 0340 CKZU Interview with YL (444 10/25 Miller CA)
6195 0502 NOS Nx and wx, ID (253 10/22 McEntee TX) As It Happens: discrimination in the workplace (222 11/5 Brown IL)
9510 1208 BBC Election in Greece (555 10/18 Brown IL)
9590 2305 BBC Nx (555 10/20 Wakefield IA) Britain-Syria crisis (333 10/26 Grosvenor CA)
9625 0100 NOS CBC nx //6195 (444 10/19 Curtis TN)
9755 2320 RCI Artificial Intelligence, birds in winter (544 10/24/86 Hasch NY) Nx Jet fighter contract (433 10/30 Brown IL) Canadian tenors (444 10/27 Dillon MD) Canada’s railway system (433 10/9 Glover AR) Caribbean service (333 10/25 Stephenson CA)
—— 2205 NOS Canadian and internal, nx //11720 (344 10/21 Preston CA)
11720 1608 NOS Stolen walkie-talkie (333 10/9 Neff OH)
11775 1640 BBC U.S. elections (444 10/16 Miller CA) Shakespeare’s writings (444 10/21 Preston CA)
11955 1309 RCI Sports; Sunday Morning: Iceland summit (444 10/12 Curtis TN)
15260 1912 FF RCI YL; Africa service (444 10/18 Havniko UK) EE nx: Soviets pull out some troops (444 10/17 Brown IL) Mailbag (444 10/19 Stephenson CA) Canada and S. Africa (333 10/24 Stephenson CA)
15325 2020 RCI Canada Today (544 10/23 Addison KS)
15445 2132 RCI Zaïre ousts Cuban diplomat (544 10/23 Brown IL)

CUBA R.Habana**R. Rebelde relay**Mayak relay

4765 0625 RR Mayak Mx, YL sings (444 10/12 Havrilko UK)
5025 2239 SS Rebelde Cuban mx, EE vocals (333 10/19 Welch MA) Commentary on Hassenfus trial in Nicaragua (444 10/21 Wakefield IA)
5965 0440 RHC Musica latina, Indian women’s fashions, Trinidad (555 10/21 Harnish IN) Internat. nx, Latin pops (333 10/10 Berri CA) Marble cutting /6035,6090,9740 (343 10/22 McEntee TX)
6100 0400 RHC U.S. Military, Travel Writers convention (444 10/18 Neff OH)
6140 0415 RHC Nx (333 10/9 Berri CA)
6170 0445 R. Moscow relay N. American service [Cuban transmitter??] (444 10/25 Berri CA)
9500 1146 RMWS RR folk mx, 12th century Urkrainian writer [punch up error] (444 11/1 Ruckman OH)
9740 0220 RHC History of African settlement in Cuba (555 10/10 Wright MB)

DOMINICAN REPUBLIC **R.Discovery**R.Clarin

6245 0239 RD Jeff White gives (809) phone nos to call; musica latina (232 10/21 Westenhaver QU)
11700 1327 SS Rç Song, OM IDs, R.Clarin song (333 10/15 Neff OH)

GREENLAND Gronlands Radio

3999 0955 Vern IS, sign-on (222 10/12 Welch MA)

HAITI 4VEH

4930 1115 FF Religious mx, bells, organ mx, ID, religious prgm (333 10/12 Dillon MD)

NETHERLANDS ANTILLES Radio Nederland**TransWorld Radio

6020 0230 RN Program notes, Newsline: Attack in Israel near Dutch royal couple (444 10/16 Brown IL)
6155 0731 TWR Spiritual mx (444 10/20 Wakefield IA)
6165 0229 RN SW Feedback: Q & A; Dutch Top 10 (444 10/11 Brown IL)
9590 0228 RN Happy Station (555 10/12 Brown IL)
9715 0532 RN Earthquake in El Salvador (444 10/11 Brown IL)
11715 2330 SS RN Program review, nx (333 10/18 Sheedy CA)
11815 1357 TWR Focus on the Family (433 10/25 Brown IL) Morning sounds (444 10/13 Neff OH) Diary of a Family, nx (433 10/19 Dillon MD) Hour of Decision (444 10/12 Curtis TN)
15315 0149 SS RN Perspectiva (343 10/21 Westenhaver QU)
17605 1855 RN Nx, commentary (555 10/21 Harnish IN) Playwriting (444 10/17 Miller CA)
21680 1805 EE/DD Migration from Indonesia (333 10/19 Stephenson CA)

PIRATE $**a/k/a unauthorized audio

5820 1148 KW Radio Many IDs “From a Little ship in the Atlantic off the coast of the U.S.A.” Announcements by OM and YL. Report address as: KW, P.O. Box 982, Battle Creek, MI. Phone (516)549-9906. (555 10/24 Hesch NY)
7470 1214 SS R. Caiman OM, ID, “Maria” from West Side Story (242 10/16 McEntee TX)
**UNITED STATES OF AMERICA** The Voice of America** The Voice of Free China (via WYFR)**
**Armed Forces Radio and Television Service** Radio Marti**

5985 0720 VOFC Taiwan dollar re-evaluated; Jade bells and Bamboo Pipes (555 10/13
Wakfield IA) Countdown, CC lesson (544 10/29 Alexander NJ)
Fast food in Taiwan (333 10/9 Levison PA) Industry in Taiwan
(444 10/14 Neff OH)

---
1030 WYFR Religious program with mx (544 10/22 Alexander NJ)

5995 1245 WHRI Pop mx, OM dj (444 10/11 Dillon MD) (555 10/18 Hesch NY) Talk by
Lester Sumrall (455 10/16 Westenhaver OU)

---
0312 VOA Classical mx, world nx /9455 (454 10/20 Pike NM) VOA Magazine:
closing of VOA Europe (433 10/14 Brown IL)

6030 1100 AFRTS World nx (433 10/22 Alexander NJ) Senate election results (444 11/5
Hesch NY) 2nd game of World Series (444 10/20 Miller CA)
Monday Night Football: Steelers & Bengals (333 10/13 Brown IL)

6100 0650 WHRI Religious Prog. (423 10/13 Wakfield IA)

6125 1312 AFRTS NBC news: Soviets on SDF (333 10/19 Brown IL)

6185 0419 WRNO Entertainment Coast to Coast (544 10/7 Brown IL)

7355 0217 WRNO Smoking in the Boys' Room (555 10/13 Brown IL) LSU-Kentucky football
(555 10/19 Wakfield IA)

---
0300 WHRI Radio Earth: Skyline (545 10/11 Watson FL) WWI mx (333 10/19
Miller CA) Ham Notes, Sweden Calling DXers (333 10/21 Neff
OH) Ads (333 10/19 Neff OH) Pops (444 10/12 Langlois FL)

7400 0330 WHRI Radio Earth, SCDX, letters (333 10/27 Brown IL)

9455 1718 WMLK Sermon on the name of Yahweh (444 10/31 Westenhaver OU)

---
0225 VOA Focus: Arms control (544 10/16 Brown IL) Music U.S.A. (444 10/21
Miller CA)

9465 2141 GG VOFC announcements about new GG service (444 10/10 Westenhaver OU)

9515 0000 BBC Retail panic rise (444 10/17 Brown IL)

9555 0350 VOFC CC lang. lesson (222 11/4 Westenhaver OU)

9590 1327 SS DM LA ballads (try VOA address, Washington D.C. or Marathon FL) (455
10/29 Twiggs CT)

9615 1100 SS KGEI Hassennfus trial (555 10/25 Wakefield IA) Mex. mx (444 10/15
Miller CA)

9650 2330 VOA News: meeting in Iceland (433 10/9 Glover TN) Baseball to be a medal
sport at the Olympics, World Series rain out (544 10/13
Brown IL)

---
2232 WRNO ABC news, sports and mx (444 10/9 Neff OH)

9680 1355 WYFR Christian mx and comments (555 10/14 Brewer KS)

9690 0149 WHRI Contemporary hymns (433 11/5 Hesch NY)

9700 1152 AFRTS NPR: Morning Edition (343 10/9 Westenhaver OU)

---
0429 EE/PP VOA ID and IS (555 10/23 Brown IL)

1170 2100 WRNO Top 40 rock (444 10/13 Wright MB)

11715 0233 SS VOFC CC love poetry (444 10/25 Westenhaver OU)

11730 0422 AFRTS Monday Night Football: Jets beat Broncos (222 10/21 Preston CA)
World Series (333 10/21 Brown IL)

11735 1907 KCB World of Radio with GH (544 10/17 Brown IL) Religious program
(444 10/24 Twiggs CT) Nuke call-in (444 10/4 Neff OH)

11740 0105 VOA trade deficit; El Salvador relief efforts (555 10/19 Curtis TN)

11760 1930 VOA Chuck Berry (444 10/15 Neff OH)

11790 1300 WHRI Mail Report: religious mx (555 10/25 Pike NM) Breakthrough with
Pastor Rod Parsley against Christian rock mx (344 10/29
Westenhaver OU) [awful pun. Bill!]

---
2030 KCB World of Radio with GH (433 10/31 Westenhaver OU)

11830 1902 WYFR Mailbag, Science, Scripture, and Salvation (444 10/11 Neff OH)
Unshackled (433 10/11 Bishop NY)

11875 2005 WYFR Open Forum (444 10/29 McCants AL) *3

11890 2200 VOFC Schools, songs by YL (333 10/18 Levison PA)

11930 2130 SS RN Ns, rock mx (555 10/13 Wright MB) Press Report (555 10/24
Westenhaver OU)

11950 0115 SS VOA American Country and Western mx, ID (444 10/19 Dillon MD)

11965 1530 WRNO Ad for WRNO ads; Dynamic Living of the Word (555 10/25 Curtis TN)

ID (555 10/22 Bush OH) Religious px (433 10/15 Miller CA)

12050 0435 AFRTS News Call, martial mx (433 10/23 Brown IL)

15055 1355 WYFR ID and address (423 10/21 Havniko UK)

15105 1526 WHRI Mercy (333 10/19 Miller CA) Ad for Christmas letters. Contemp.
U.S.A. (cont.)
15145 0035 SS WINB Organ mx; ID in SS/EE (343 10/19 Dillon MD)
15160 2345 SS V. of the O.A.S. IS, ID, YL reads nx (444 10/11 Twigg CT)
15185 2050 WINB Southwest Radio Church; ID; hymns (343 10/21 Thompson CA)
   U.S. Rock show; dedications for listeners in U.K. and
   Sweden; played Top 5; QSL reports to Box 419, Baltimore,
   MD 21136 (353 10/18 D'Angelo PA)
15205 0124 VOA Report to the America, Report on trial in Chile (555 10/21 Brown IL)
15280 0045 SS KGEI World nx (444 10/18 Miller CA)
15295 1925 WINB Carl McIntire emotes (555 10/17 Wakefield IA)
15330 2351 AFRTS Business nx: slow trading (444 10/13 Brown IL)
15345 0100 AFRTS World Series Game 3 (555 10/21 Hamish IN)
15420 1755 WINQ Monkees concert, TV Guide ads, mx (555 10/22 Hamish IN) Rock mx, ad
   ID (555 10/22 Brown IL)
15580 1838 VOA Words and Their Stories in sloooow English (343 10/18 Havrilko UK)
15600 1645 VOA Music U.S.A., nx (555 10/22 Hamish IN) Benefits tax, Soviet
   incursions, nx, sports (343 10/9 Neff OH)
17775 1830 EE/SS KVOH Announcement with ID, frequency and address, test tone all
   repeated every ten minutes (444 10/31 Westenhaver QU) (444
   10/30 Welch MA) (455 11/3 Pogue TX)
17785 1725 VOA Urban migration, Soul Sounds (444 10/25 Neff OH) World Report (545 10/9 Pike NM)
17870 1830 VOA Special English to SE Asia (555 10/21 Hamish IN)
17890 1835 VOA Nx, commentary (555 10/21 Hamish IN)
21580 1343 SS VOA Songs of U.S.-based artists; ID (343 10/25 Westenhaver QU)
21615 1617 WYFR Family Bible Fellowship, ezl Christian mx, Open Forum //21525 (455 10/25 Westenhaver QU)

KVOH finally started testing in October. Last month's quick contest was won by
Frank Welch of Worcester, Massachusetts who sent in the first logging of KVOH from the California site. Frank
earns a set of three Steamtown postcards. Now is your chance to get those coveted KVOH qsls. The address is
P.O. Box 93937, Los Angeles CA 90093.

The R. Moscow World Service relay via Cuba has abandoned 9800 for 6000 kHz. According
to Roger Legge's UHN Newsletter, the use of 6000 kHz for the North American Service from 0000 to 0400 UTC
is also via Cuba.[via Westenhaver]

Mediumwave station WQVA, which a few years ago was trying to establish a Spanish language shortwave
station, has received nearly $750,000 from the Federal Government to help pay for the new frequency it had to
shift to as a result of renewed Cuban jamming.

Official confirmation has been received by the WRTH staff that R. Antilles is indeed broadcasting on 5955 with
a 5 kilowatt transmitter from 0900-1500 UTC. The address is: Apartado 3, 0081 Santo Domingo, Dominican
Republic. The other Dominican station, R. Santiago, is reported to be at 9778 kHz, not at its official frequency
of 9755 kHz.
   [via Media Network]

Please send your loggings to me by the twelfth of the month and by the fifteenth of the month to our Central
Distribution Editor, Peggy Thompson, whose California address is listed on the back cover. December tends to
be a good month for loggings and that means that I have more work to do at deadline time which is two days
earlier in December. So send those December loggings out as soon as you read this. Joyeux Noel and see you
in the New Year. Goodbye for now from steam-powered radio. 73 es gd dx.
Guatemala’s Sistema Nacional de Radio y Televisión is an all-station radio and TV network activated to cover events of national importance. Unlike most established government networks, the organizational phases of a broadcast bringing the privately-owned stations into the net can be monitored directly. Except that an interval of John Philip Sousa march precedes the marimba music when the event is of a military nature, the preliminary transmissions are much the same and will alert DXers, not only to an impending news event, but also to the opportunity to log other Guatemalan stations. But watch the ID’s. The local stations usually do not ID from the time they join the net until they have been released after the broadcast, and often the announcer of the moment’s ID’s his station through habit. Here are my notes from October 20th when Guatemala’s President returned from his European trip.

6180 kHz. 16:11 UTC, not a normal hour for TGMB. Program of typical marimba music with these announcements in alternating order every two minutes:

“Atención, mucha atención! Official and private radio stations in all of the Republic, we request that you be ready to integrate into a national information chain headed by TGMB, La Voz de Guatemala, at the moment indicated. The time is 10:45.”

“In a few minutes, a national information chain of government and private radio stations headed by TGMB, La Voz de Guatemala, will commence. The time is 10:50.”

One might suspect that compliance was being monitored. Normally, local stations switch to net audio during these preliminaries.

“We ask our compañeros at TGQ, La Voz de Quetzaltenango, to communicate with Cadena Central at 23-3-21 or 23-3-18. To all private radio station located in the Republic, get ready to join in a national information service when the moment is indicated. The time is 10:42.”

Finally at 16:59, came the announcement,

“Atención, mucha atención! Starting at this moment, there transmits a national information system comprised of government and private radio stations headed by TGMB, La Voz de Guatemala, to inform the nation of the return of the Constitutional President of the Republic from his European trip at the Guatemala airport.”

There was a broadcast from the Military Air Base when the President arrived there, and another from Guatemala’s Main Plaza, with appropriate speeches, when he arrived at the Presidential Palace. At 19:26, the private radio stations were released.

“Señora y Señores, the microphone of TGMB, La Voz de Guatemala, at the head of a national system of radio and television invites the stations that participated with us to continue their regular programs.”

And after a few seconds of marimba music, TGMB left the air.

(I have, of course, translated from Spanish.)
MEXICO'S HOSTAGE CRISIS

It sounds sensational, but there's no other way to describe the status of La Voz de la América Latina shortwave outlets on 6165, 9515, and 15160 kHz. The stations are hostages, and their family the few loyal DXers who monitor non-government radio. Powerful factions negotiate and confuse. This is my report to the family.

Some time ago, Noti-Mex became Radio Mexico. This happened quietly, a few sparrows fell in the battle, but what conflict there was was created in UNESCO's office fire. Few noticed the paradox as the old broadcaster began to claim parentage by the much younger new agency. It was to be a continuing process, bringing the international voice under central control. The next target was the border area.

In another paradox, television became the parent of radio. A "typical" broadcaster became a chain of TV, MW, SW, and FM stations with the same management and policy, in control of, or controlled by, a new gathering agency.

Mexico operates on a "mixed economy". Some industry is government, some private, but most are in the grey area between, families that are active in both, or those that enjoy the lingering power of a long-vacated political office. Televisa is no exception. Although it represents private industry, it grew, and was allowed to grow as its programs, especially news, followed the official line. La Voz de la América Latina, now properly "Televisa Radio", is part of that company.

Being allowed to grow was growth in the activities of one man, Zabludovsky. He not only followed official lines, but his sensationalism and exaggeration often reached a point that made official radio seem conservative. In the process, he became Mexico's Number One, and only, TV personality by his presentation of news.

Televisa managed to gain exclusive rights for World Soccer Cup coverage. By plan or by accident, Televisa had credits for its services outside of Mexico. They immediately moved their main office to New York and announced plans to purchase the Spanish-language network in the United States. There were problems involving the FCC's requirement for American ownership and control, but everyone believed that these could be straightened out. In the south, assuming that Televisa was now a US company, and that its Mexican subsidiary would no longer be qualified for international broadcasting at least, the KSW shortwave activities were suspended until the matter could be clarified.

To work their way through the law pertaining to movement of investment from Mexico, Televisa contracted reliance on the Latin-American news agency and appointed Zabludovsky, whose loyalties were well known, as completely in charge. This would have established a propaganda beachhead north of the border for the 3rd World. The reporters and management in the Spanish-language net reacted, and many resigned in protest. Curiously, delayed one month, then given wide coverage on the VOA's Latin American broadcasts. The issue was described as professionalism, but undoubtedly involved Third World news and control.

Evidently all did not go smoothly, for in Mexico, a propaganda campaign rose from whispers into print. Televisa's operation in the United States was equated with the loss of Texas in 1836 and the loss of the greater Southwest in 1847, and at the same time, operation in Mexico was equated with Pershing's invasion and the earlier invasion at Veracruz. Zabludovsky announced that he would retire and write a book, but that's an unreliable source.

There seems to have developed, at least a temporary, stalemate. But already the local press is using the term "manifest destiny", so tomorrow's news could prove me wrong. La Voz de la América Latina remains an almost-forgotten hostage, ready at any time, to be reactivated.

"Temporarily inactive", a phrase that never tells its story . . . .

Perhaps I've been editorializing too much, but I know some of you have wondered.

And perhaps I'll retire and write a book. That's where radio history, even the late developments, belongs. So it's on to the logs.
The mail situation has been bad, and should worsen toward the end of the year, so I'm doing these first few pages early. The 90-meter band shows unusual promise this winter and will probably reach its peak for the decade. The following is a list of recently reported 90-meter band stations as of November. Details on time and programs appear in the appropriate country-by-country list, but I hope that this will prove useful while you're scanning the band.

3220 HCPJ, Quito. Signs on around 08:30 or slightly before usually with Ecuadorian music. Even in Quechua, the call letters are easily recognized.

3225 R Occidente, Tovar. Good signal after m/on and at m/off.

3230 Ondas del Huallaga, Julsaca. QTH is Julsaca, but frequently gives San Roman, the Province, as its location. Ad blocks are long and redundant.

3235 R Antena Libre, Esmeraldas. Religious programs, infrequent ID's. Large day to day variation in signal strength.

3240 L V Triunfo, St° Domingo de los Colorados. Since December, this station has drifted from slightly above to slightly below 3250 kHz.

3245 R Luis y Vida, Santa Barbara. Religious programs, some English.

3250 L V de El Tigré Usually ID's R 980. "Super Radio" is a store in El Tigre, not a station ID.

3255 L V de Rio Carrisal, Calveta. Often uses "Radio" instead of "La Vos de" in ID's, and sometimes calls the "Río".

3260 L V de Ozapampa, Pasco. 10:00 to 05:00. moched should leave this Peruvian with a hour's clearance frequency at each end of the day.

3265 R Mara, Maracaybo. Reactivated in October, now regular.

3270 L V del Nago, Tena. Always with a good signal, but announcer's heavy accent makes copy difficult at times.

3275 Helise, Radio Uno, Belmopan. Have dropped "Radio Helise" ID.

3280 R Panama, Quero. Frequently mentions QTH which differentiates it from similar sounding Tayabamba.

3285 R Tayabamba. Evenings only on this Peruvian.

3290 R Cultural, Guatemala. On late nite Mx Pz, ID's "R Cultural-FM".

3295 R San Miguel, Riberatoba. e/off listed 02:00, but reported after 03:00.

3300 R Pastaza, El Puyo. Weak signal, but several reports. I have never been able to definitely identify this Ecuadorian as Pastaza.

3305 R Estrella del Sur, Cañete. A new Ecuadorian has been reported on the freq., but I have only heard the Peruvian.


3315 R Liberal, Belem. Possibly not always 24 hrs recently.

3320 Ondas del Huallaga, Huamuc. Best in the summer when CHU fades earlier.

3325 R Altura, Chupimarca. A new Peruvian with a good signal.

3330 L V de Machalí, Another always reliable Guatemalan.

3335 R Tesculitin, Coban. If it pines the meter, the band's open.

3340 R Guajará Mira. This Brazilian has dropped the "Educadora" out of its ID. Their signal has so improved that I have been unable to log R Nacional that once dominated the frequency.

3345 R Mac San Gabriel. Audible infrequently through Guajará Mira.

3350 R Chortis, Jocotán. Another Guatemalan with a strong signal.

3355 R Iris, Esmeraldas. This Ecuadorian has a good signal after and before R Chortis signs off er en.

3360 R E. de O. M., Matoury. Always a strong signal at 09:00 m/on, but fades rapidly.

3365 R Jaseiro. This Brazilian rarely heard here, but definately ID'd in October.

3370 R Zaracay, St° Domingo de los Colorados. A powerhouse.

Brasil is already on daytime time and Peru will probably follow. In the southern areas, this puts the m/on time an hour farther into our darkness. Near the equator where local sunrise does not vary appreciably, it also puts m/on an hour deeper into their darkness, so early morning reception should improve. Moving the m/off for the Brasilians a hour ahead should help to clear the frequencies in the evenings. If the Peruvians move ahead, the 04:00-05:00 time slot that has been mainly Peruvian in the tropical bands will vanish.

Look for special Christmas broadcasts starting early when Midnight Mass from Bethlehem and the Vatican is often re-broadcast. Locally, the midnight service is sometimes moved up as early as 22:00, and in the tropical lands on Christmas Eve may be favorably. Many Latin families have dinner after midnight on Christmas Eve and go to church at dawn. Some stations remain on the air to cover these hours. New Years follows the same schedule. If you have time, it's a good time to DX.
Not many reports in at the moment, and these few pages have to make the mail tomorrow, but looking over the data here and trying to anticipate what will be useful when this appears in December, it seems that I have a fairly good picture of Brazil, not too complete as it emphasises the 60 meter band, but something that will prove useful on these cold nights and mornings when propagation from the south is "up".

**BRASIL** (The language is Portuguese)

| 3375 | 10:03 | R Quajaré Mirai | ID as an afterthought, and into early AM Px of Brasilian pops and a lot of DJ chatter. (444 11/3 chb-MX) |
| 3385 | 08:45 | R Tamoio ID and DJ Tx through a break in the UTB QRM. French Guyana has an OC on the freq after 08:30. (232 10/23 chb-MX) |
| 4755 | 08:23 | Edif do Maranhao CM-style Brasilian Mx, TC's every minute, ID at 08:29. (343 10/22 chb-MX) |
| 4755 | 08:33 | R Ed Rural Px not much different than above, but ID definitely "rural". (343 10/31 chb-MX) |
| 4755 | 04:10 | R Caioiri In the clear after Ribambar 04100*, 3 min BZL Mx, m/off package with freq, vocal NA (333 10/7 Quagliieri-NY) |
| 4755 | 08:07 | Edif Aquidauana Jingles, station promos, program promos, TC's, and lots of Tx. Only 2 Mx selections before ID at 08:12A. (It takes more Portugese than I have to describe) (343 10/22 chb-MX) |
| 4805 | 01:54 | Edif do Amazonas Greeting from people to people (43) 10/11 Bishop-NT) |
| 4815 | 10:22 | R Mac de Tabatinga R Mac promo in R Mac early AM Px (444 11/3 chb-MX) |
| 4825 | 08:50 | R Ed Berreto ID only accordian Mx with OM DJ, full ID at 08159 (333 10/29 chb-MX) |
| 4845 | 03:10 | R Mac da Amazonia ID at 03:15, YL with Mx, mention of police, then sirens. (444 10/4 Havrilko-UK) |
| 4855 | 23:45 | R Apana 2 OM with futball game, reference to Garca, quick ad & ID at 23:50, and back to the game. (232 10/12 chb-MX) |
| 4865 | 04:16 | R Sociedade Tx by YL with bits of familiar Mx, ID with OM at 04:12B, and into popul Mx. Only by 04:15A. (242 10/4 George-NC) |
| 4880 | 09:05 | Edif Areia ID, Rel Tx with breaks of choral or organ Mx (333 10/23 chb-MX) |
| 4885 | 08:10 | R Clube do Para signing on with long anmt, TC, and promo with ID, into Brasilian ballads (333 10/23 chb-MX) |
| 4915 | 08:20 | R Mac Macapa Not much more than the ID through Ananguera that hadn't peaked at sunrise yet. (322 10/29 chb-MX) |
| 4915 | 07:35 | R Ananguera Brazilian pop, TC's, and full ID at the odd time of 07:35. (343 10/22 chb-MX) |
| 4905 | 23:50 | R Religiao Federal Mx, ID on the hour. (322 10/19 Bishop-NT) |
| 4925 | 08:34 | Edif de Taubete rel Tx, ID and Taubete ad at 08:25 (242 11/3 chb-MX) |
| 4925 | 10:43 | R Mac, Porto Velho Brasilian ballads, R Mac ID with address at 10:06. Caracol off and freq clear. (444 10/22 chb-MX) |
| 4935 | 07:36 | R Poti Accordion Mx, fast-talking, difficult to understand DJ, ID and reference to Natal at 07:59. (343 10/14 chb-MX) |
| 4985 | 07:30 | R Brasil Central Brasilian promo, ID, ads, industry promo, ads, and some music. (343 10/22 chb-MX) |
| 5025 | 08:32 | R Borboleta Px of jungle-type Mx, ID and promos at 08:41, into rel Px. (343 10/29 chb-MX) |
| 5025 | 08:15 | R Jornal Transamazônica (tent) No ID copied. TC's, telephones, and references to Para. (222 10/23 chb-MX) |
| 5035 | 09:28 | R Aparecida ID at 09:30 in Px of Brasilian Mx. (232 10/29 chb-MX) |
| 5045 | 07:55 | R Cultural do Para pop Mx, ID on the hour. (343 10/22 chb-MX) |
| 11745 | 02:08 | R Nacional ES Px. restrictions on Brasilian textiles, Brasilian popular Mx. (544 10/7 Curtis-TN) |
| 11780 | 19:47 | R Mac da Amazonia poetry and music, Mac ID and promo, musical ID, Radiobras and Mac ID's on the hour. (343 11/6 chb-MX) |
| 11855 | 23:30 | R Aparecida YL & OM ancre, mentions of Amazonas. Strong het, but signal better 1.5 kHz up. (221 10/6 McEntee-TX) |
| 11915 | 22:46 | R Camapa Two OM with Mx. (??? 7/7 McEntee-TX) |

Brazil's 31-meter frequency plan was to go in effect December 1st. If this follows the pattern of 49-meters, some stations will change frequency early and others later. But the QRM situation should change (for better or worse) for all of the stations involved. Check the vacated frequencies. There may be some non-Brasilian DX uncovered by the moves.
There's just time for a quick run down on Ecuador and Peru. Then I'll wait the weekend for the mail and finish the column in logical order. The language here is Spanish, and the redundant ch-MX indicates my frontier listening post.

**Ecuador**

<table>
<thead>
<tr>
<th>Time</th>
<th>Call</th>
<th>Frequency</th>
<th>Program</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>03:21</td>
<td>RCUB</td>
<td>4830 - 5060</td>
<td>R. Luis y Vida Fútbol</td>
<td>(433 11/8 ch-MX)</td>
</tr>
<tr>
<td>04:18</td>
<td>Río Amazonas</td>
<td>4440 - 24 ch</td>
<td>final amst then theme Mx &quot;Adorar a Dios&quot;</td>
<td>(444 10/24 ch)</td>
</tr>
<tr>
<td>04:10</td>
<td>R. Centofante del Sur</td>
<td>4330 - 24 ch-MX</td>
<td>full ID, final amst, MA</td>
<td>(433 10/27 ch-MX)</td>
</tr>
<tr>
<td>00:54</td>
<td>R. Atlanta</td>
<td>4440 - 17 ch-MX</td>
<td>ado, ado, full ID on the hour</td>
<td>(444 10/17 ch-MX)</td>
</tr>
<tr>
<td>01:50</td>
<td>R. Quito</td>
<td>353 10/12 Bishop-MT</td>
<td>local Mx Pz</td>
<td>(353 9/20 Kobylecki-MD)</td>
</tr>
<tr>
<td>00:28</td>
<td>R. Federación</td>
<td>333 10/12 Bishop-MT</td>
<td>primitive Mx, sleepy sounding OM ancr in lang?? mixed with BS.</td>
<td>(333 11/7 ch-MX)</td>
</tr>
<tr>
<td>02:47</td>
<td>R. de Upano</td>
<td>4440 - 26 ch-MX</td>
<td>final amst, state &amp; Mx's, full ID with freq and OTH, 2 min classic Mx, off with trumpets.</td>
<td>(444 10/12 ch-MX)</td>
</tr>
<tr>
<td>00:40</td>
<td>Jesus del Gran Poder</td>
<td>322 10/24 ch-MX</td>
<td>rel Px, ID &amp; theme Mx at 00:51</td>
<td>(322 10/24 ch-MX)</td>
</tr>
</tbody>
</table>

At the moment, I haven't received any reports on Peru. It's an active area full of surprises — note Andahuayas on 4840. For 1987, both the Japanese "Radio Nuevo Mundo" (in English) and John Tuchsherer's "Latin DX Helper" are planning expanded editions. Both will feature transcriptions of the taped ID's of many Peruvian stations as each is principally interested in Peru. Propagation conditions limit the Japanese listeners to the early morning broadcasts while the eastern US seems to favor the evening. Diers in central and western US will be interested in both publications.

<table>
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</thead>
<tbody>
<tr>
<td>09:31</td>
<td>El Sol de los Andes</td>
<td>342 11/3 ch-MX</td>
<td>LA Mx, ad block at 09:41, OA Mx, TC with reference to station at 09:51.</td>
<td>(242 11/3 ch-MX)</td>
</tr>
<tr>
<td>01:38</td>
<td>R. Alto</td>
<td>343 10/18 ch-MX</td>
<td>LA Mx with greetings and TC's, references to Casco, ID</td>
<td>(242 11/3 ch-MX)</td>
</tr>
<tr>
<td>10:24</td>
<td>R. Taras</td>
<td>332 11/3 ch-MX</td>
<td>OA Mx, PBA's, ad for Crystal Beer (it must be light)</td>
<td>(332 11/3 ch-MX)</td>
</tr>
<tr>
<td>09:13</td>
<td>R. Atlántida</td>
<td>343 10/22 ch-MX</td>
<td>LA Mx, roosters, TC's &amp; ID.</td>
<td>(343 10/22 ch-MX)</td>
</tr>
<tr>
<td>09:57</td>
<td>R. San Martín</td>
<td>444 10/23 ch-MX</td>
<td>OA Mx, piano Mx, promo, &amp; ID.</td>
<td>(444 10/23 ch-MX)</td>
</tr>
<tr>
<td>09:50</td>
<td>R. de la Selva</td>
<td>444 10/22 ch-MX</td>
<td>LA Mx, station promo</td>
<td>(444 10/22 ch-MX)</td>
</tr>
<tr>
<td>04:31</td>
<td>R. Andahuayas</td>
<td>343 11/8 ch-MX</td>
<td>meeting of campasinos where government announced projects for most of the villages in Apurímac, at 04:25 ID's for other stations (Mx) on the net, at 04:26 OA ID by program ancr, then local studio final with station ID, off with OA (343 11/8 ch-MX)</td>
<td></td>
</tr>
<tr>
<td>03:04</td>
<td>R. Huancavelica</td>
<td>343 11/8 ch-MX</td>
<td>OA Mx with greetings and station reference. Ondas de Meta was on the frequency as were a BBS UTH and a CW marker, faded completely under by 03:20.</td>
<td>(322 11/8 ch-MX)</td>
</tr>
<tr>
<td>10:33</td>
<td>R. Tawantinsuyo</td>
<td>444 10/22 ch-MX</td>
<td>local Mx, ID as &quot;Cadena Tawantinsuyo&quot;.</td>
<td>(343 10/22 ch-MX)</td>
</tr>
<tr>
<td>09:32</td>
<td>R. Tropical</td>
<td>343 11/1 ch-MX</td>
<td>signing on with OA, and long ID</td>
<td>(333 10/22 ch-MX)</td>
</tr>
<tr>
<td>23:57</td>
<td>R. Madre de Dios</td>
<td>333 10/1 ch-MX</td>
<td>classical Mx, reference to station at start of Mass at 00:10.</td>
<td>(333 11/1 ch-MX)</td>
</tr>
<tr>
<td>05:00</td>
<td>R. Images</td>
<td>333 10/23 ch-MX</td>
<td>station promo, ID &amp; Mx</td>
<td>(333 10/23 ch-MX)</td>
</tr>
<tr>
<td>09:46</td>
<td>R. Ancash</td>
<td>344 10/22 ch-MX</td>
<td>ID &quot;R Ancash, LV de los Andes&quot; in Pz of OA Mx</td>
<td>(444 10/22 ch-MX)</td>
</tr>
<tr>
<td>03:37</td>
<td>R. Andina</td>
<td>344 11/8 ch-MX</td>
<td>TC, ID, dedications, OA Mx</td>
<td>(444 11/8 ch-MX)</td>
</tr>
<tr>
<td>02:55</td>
<td>R. Soc</td>
<td>322 10/18 ch-MX</td>
<td>TC, ID with Mx freq, &quot;Happy Birthday&quot;</td>
<td>(322 10/18 ch-MX)</td>
</tr>
<tr>
<td>06:58</td>
<td>R. los Andes</td>
<td>333 10/24 ch-MX</td>
<td>political Mx, TC &amp; promo on the hour</td>
<td>(333 10/24 ch-MX)</td>
</tr>
<tr>
<td>01:33</td>
<td>R. Libertad de Junín</td>
<td>333 10/8 ch-MX</td>
<td>LA ballads, TC's and dedications, break-in ID by IL at 01:36</td>
<td>(333 11/8 ch-MX)</td>
</tr>
</tbody>
</table>
Not many reports in and the last possible moment has come and passed, so I'll have to continue on the same line. The January column will have an even earlier sched, for both the publisher and the post office so the late arriving material is not a wasted effort, but is instead, a life saver for the next issue. Unless otherwise indicated, the language here is Spanish.

ARGENTINA
11710 01:41 RAE EE LA Mx "Songs You Like" (433 10/15 Bishop-NY)

BELIZE
3285 01:10 R Belize too much QRN to copy (222 10/8 Bishop-NY) (They have been rebroadcasting BBC, R Nederlands, and VOA Pz recently clh)

CLAUDESTIME
3715 02:43 R Venceremos Empassioned talks by men and women, snips of patriotic (don't you mean revolutionary? clh) music. (222 10/3 George-MC)

6543 01:55 R Venceremos ID at 01:22. Muffled audio (353 9/15 Jones-TX)

9940 07:40 L V del CID ID at 07:43, mellow LA Mx, Tx between 2 OM, R Camilo Cienfuegos ID at 07:50, then full CID ID. (443 10/20 Havrilko-UK) (Usually, they ID LV del CID as a "cadena" with RCC as the station, however LV del CID needs to be one station with several different programs. clh)

COLOMBIA
4750 04:43 R Super, Medellin "Musica Tropical", Super ID's, freq 4775 not 4780 kHz. (322 10/26 George-MC) (I caught them on 10/29 as per your tip still with the 4775 ID tape. clh)

4865 09:07 L V de Cienfuegos Opening ID and an ID at 06:05 "Caracol el Grande" (343 9/21 Havrilko-UK) (443 10/13 Bishop-NY) (Although it conflicts with some station lists, the Colombian net ID's are only "chain" and "city", so I've used that format here. clh)

6065 08:10 R Super, Bogotá "Hitos", ID by OM (343 8/31 Flynn-CA)

GALAPAGOS ISLANDS
4810 01:57 L V de Galápagos an ID for song festival and futbol championship in San Cristóbal, ID and into rel Pz. (343 11/9 clh-MX) (R San Martin is normally off on Sunday evenings, so this is the best time to log L V de Galápagos. clh)

GUATEMALA
Both 120 meter stations are active. Reception should peak with the winter solstice. Extended schedules for Christmas are probable.

3300 06:15 R Cultural Long periods of EZL Mx. (433 10/11 Havrilko-UK) (333 10/10 Bishop-MY)

3600 01:27 L V de Nebaj ID, LA Mx fading in and out (321 10/10 Bishop-MY)

3370 01:42 R Tesculutlán SS church service (332 10/10 Bishop-MY)

HONDURAS
3250 01:50 R Luz y Vida ID at 02:01 at close of rel Pz (??? 10/15 Jones-TX) (good catch. signal here has been down recently. clh)

4755 01:09 HRD Moskito? OM & TL Tx, ID at 01:28 (443 10/1 Bishop-NY)

MEXICO
Except for TELEvisa-SW, all Mexican stations are active. Radio Mal 6008 kHz is still mornings only at reduced power. The full power tests have run for one day every 4 - 6 months. Tests are usually during holidays, so Christmas is probable. However Mexican holiday for Christmas starts Dec 14th with Posadas and ends after Three Kings Day on January 7th. Tests carry MW audio with no special anms.
QTH, mail an answer although it might require more space than general interest would justify. (I always attempt an answer although I usually feel that I'm less qualified than most DXers.) But if you do write, don't send IRC's. I know what they cost, and here in Mexico, I can mail an airmail letter (3 pages) for 100 pesos --- which is less than 12 US cents!

Christmas and New Years will have passed before the next column arrives at your QTH, so from afar, Merry Christmas and Happy New Year, GUD DX and 73,
I'm feeling under the weather this week and I'm getting a late start on the column so I'll head right into the loggings this month.

ALBANIA Radio Tirana
7065 2335 MT EE; comments of a visiting Swedish cabinet minister about Albanian culture (444 10/5 Westenhaver-QU) 23:41 irrigation system (444 10/20Wakefield-IA)
7300 *0000 MT Albanian; ID, nx (444 10/28 Wakefield-IA)

AUSTRIA Radio Austria International
5945 1834 RAJ EE; history of the railways, address given, ID @ 1856 w/sked, IS @ 1857 (944 10/18 Havrilko-U.K.)
2141 RAJ EE; intvw w/head of UNRWA--UN's agency for Palestinian refugee relief, // 6000 (944 10/17 Westenhaver-QU)
6155 0135 RAJ EE; tk of furniture making (434 10/27 Soomre-MA)(Gerstner-NY)
0325 RAJ FF/EE; tkks, ID, 0330 EE, nx, comtry (944 10/17 Miller-CA)
0436 RAJ EE; OM/YL w/nx, ID, Austrian mx (323 10/25 Berri-CA)
0910 RAJ GG; // 6000 & 11915, mx, to Europe, violin mx from famous composers, ID in several langs @ 0930 (555 10/21 Havrilko-U.K.)
9720 0007 RAJ GG; "Österreich.journal" current affairs pgm, jammers in background (944 10/12 Rocker-MS)
1135 1256 RAJ GG; IS, ID, nx, classical mx (944 10/4 Uetake-Japan)
1205 1500 RAJ EE; nx, "Austria Calling," to S.E. Asia (944 10/20 Shreedhar-India)
1535 1230 RAJ EE; nx, rpt on the double-tracked railways (443 10/10 Fraser-MA)

BELGIUM Belgische Radio en Televisie
5910 *0030 BRT EE; "Radio World" (333 10/27 Wakefield-IA)
9880 0815 BRT EE; ID, jazz, tk on Flanders community (444 10/30 Trotto-FL)
11660 1935 B-T Belge de la Communauté Francaise FF; hi-life mx w/YL anc, ID @ 2030 "Radio Belge" (343 10/12 Gerstner-NY)
15550 1329 BRT EE; ID, "Cooking in Belgium," mx, spts (422 10/18 Brown-IL)
17550 0800 BRT EE; nx, "Brussels Calling" (433 10/20 Shreedhar-India)
17675 1624 MTFB FF; reggae/pop mx, to Africa, ID @ 1632 (433 10/25 Ort-FL)

BULGARIA Radio Sofia
7115 2149 RS EE; DX pgm (444 10/17 Wakefield-IA)
7230 0502 RS SS; IS, ID, tk, nx (233 10/21 McEntee-TX)
11735 1828 RS EE; ID, letterbox pgm, covered by KCBI (312 9/24 Twiggs-O'T)

CZECHOSLOVAKIA Radio Prague
5930 0030 RR EE; YL, nx, Iceland Summit (10/16 Langlois-FL) is time correct?
0133 RR EE; nx, OM Vocal aria, comments on exhibition (10/16 Levison-PA)
0210 RR SS; tk on wld events & American forces (433 10/17 Miller-CA)
6055 0941 RR EE; // 7345, mx, time pips, into wld nx about aid to Nicaraguan contra rebels by the U.S. (555 10/21 Havrilko-U.K.)
2155 RR EE; end of cl nx pgm, into II @ 2200, Euro svce (444 10/19 Prath-FL)
7345 0300 RR EE; nx, "Newsview" on Reagan/Gorbachev meeting, Wld Peace Congress, Indian Prez call for nuclear test ban (434 10/15 Wright-MB)
9740 0200 RR SS; IS, SS ID, co-channel QRM via VJA (211 10/30 McEntee-TX)
0223 Czech unions, co-channel RPC (333 10/10 Westenhaver-QU)
OCEHOSIOVAKIA continued
12250 1462 RF EE; IS, ID, nx (343 10/4 Uetake-Japan)
17705 1458 RF lang; IS, YL w/ ID, tik in unidentified lang (422 10/15 ORR-FL)

DENMARK
Radio Denmark
15165 1300 RF Danish; to E. NAm, YL w/ tik of Social Democrats, aparted in S. Africa, ID in EE @ 1318 (545 11/1 Robinson-TN)

FINLAND
Radio Finland
11775 0937 RF EE; review of Nordic nx, "Northern Report," ID @ 0937, nx of contaminated 11then, wx (444 10/21 Havrilko-U.K.)
11945 1340 RF EE; ID, Finnish university, intvw w/TV critic, // 15400 (322 10/19 Dillon-MD)
11950 1245 RF EE; IS, TC 3 p.m. in Helsinki, freqs, nx, Finnish Pres. in Sweden, 30,000 workers in Sweden on strike (433 10/22 Brown-IL)
15400 1305 RF EE; nx, debate on violations of Swedish waters, foreign minister's visit to Hungary (454 10/25 Wright-MB)(Brown-IL)

FRANCE
Radio France International
3965 1817 RFI FF; OM ancwr w/ tik, slight RTTY QRM (544 10/10 Havrilko-U.K.)
5995 2129 RFI FF; salea nx, amnt of strike causing reduced programming, nx bulletin w/ lead stories about labor unrest (343 10/21 Westenhaver-QU)
9800 1607 RFI EE; nx, London Sunday Times rpt that Israel has A-bombs (433 10/5 Bishop-NY) 1615 30th anniv. of Hungarian uprising (10/23 Westenhaver-QU)
15155 1158 RFI FF; freq amnts, accordion nx, ID & nx @ 1200, to E. Europe, // 15965 (443 10/22 Westenhaver-QU)
17620 1405 RFI FF; old mx, OM ancwr commenting on the blues (10/2 Levison-PA)
1600 RFI FF; African svce, "This Weeks Press on Africa," "Art in France" w/ Christopher Wells focus on Canadian photographer Evergon (555 10/22 Harnish-IN) 1614 "Focus on France" (444 10/25 Brown-IL)
21620 1659 RFI FF; accordion nx, TCS for Paris & UTC, nx, France getting 1992 Winter Olympics (242 10/17 Westenhaver-QU)
21685 1535 RFI FF; end of "Media France Intercontinents" nx feed svce, repeated ID w/ trumpet fanfare, QSB (253 10/16 Westenhaver-QU)
The report received for 7135 @ 0416 in EE is from Gabon. The reports received for 9800 @ 0535 in FF & 17720 @ 0620 in FF are each from French Guiana.

GERMAN DEMOCRATIC REPUBLIC
Radio Berlin International
6080 0130 RFI EE; wld & GDR nx, comtry on GDR & China relations (433 10/27 Soomre)
6125 2145 RFI EE; Soviet & American tiks in Iceland, GDR nx (332 10/12 Bishop-NY)
2200 RFI EE; s/on w/ID, long comtry on Iceland summit, GG pgm @ 2230 (444 10/18 Prath-FL)
2230 RFI GG; nx of Budapest, the GDR, IDs (545 10/27 Robinson-TN)
2312 RFI EE; comments on African people & Mandela (10/10 Levison-PA)
11960 0945 RFI EE; ID, nx, nx (333 10/12 Uetake-Japan)
15145 1833 RFI EE; tik about GDR leader Erich Honecker's visit to China, ID @ 1840, under strong R. Liberty in RR (222 10/1 Westenhaver-QU)
15240 1250 RFI EE; nx, visit to E. German leader to China (343 10/25 Wright-MB)
1445 RFI EE; tik, DX pgm (444 11/3 Miller-CA)
1530 RFI EE; tik on Iceland summit (243 10/8 Hacker-MB)
21465 1442 RFI Hindi; closing amnts w/address given in EE, IS, 1443* (262 10/25 Westenhaver-QU)

GERMAN FEDERAL REPUBLIC
Deutscher Welle
3995 0158 DW GG; YL singing (433 10/10 Bishop-NY)
1823 DW GG; ID, YL, Dw, w/ ID, tik, slight RTTY QRM (544 10/10 Havrilko-U.K.)
44645USB 1833 RFE-RL RR R & F; OM ancwr on same time as station on USB (444 10/10 Havrilko)
44645USB 1837 RFE-RL Greek?; OM w/tik (444 10/10 Havrilko-U.K.)
44659USB 1840 RFE-RL lang; OM in unidentified lang (343 10/10 Havrilko-U.K.)
44659USB 1842 RFE-RL lang; OM & YL heard, RTTY QRM (322 10/10 Havrilko-U.K.)

These past four listings are feeders. Feeders are used to relay the stations signal to it's transmitter sites. They are usually broadcast via SSB and in some cases as these different programs are b/c in each side-band. Normally feeders are not reported in this column but in the case of R. Free Europe & R. Liberty who are usually jammed it's the only way to hear them with a good signal so that's why they are included.
5960 0500 DW EE; nx, flight against terrorism, debt swapping, Belgian politics (545 10/25 Wright-ME)
GERMAN FEDERAL REPUBLIC continued

GERMANY

Daviescger Bush Fundng! GG: EZL nz, 0000 TC for 0100, ID, nx by OM, dominant over co-channel WIFR in SS (433 10/22 Westenhaver-QU)

6100 0435 DW GG; OM w/tlks, GG band nz, // 6085 (322 10/25 Berri-GA)

6145 0100 DW EE; ID, nx, German Gov't defends Reagan's stand on Star Wars, Idaho climber becomes first to climb all mountains over 8,000 Meters high (333 10/16 Brown-IL)

6190 0511 Sender Freies Berlin-GG; OM w/posable nx, American pops, ID @ 0515 (233 10/13 Trotto-PL)

7150 0432 DW EE; nx, opposition to German Gov't's reaction to Iceland Summit (222 10/16 Brown-IL)

7285 0202 DW EE; OM w/nx, ID, contrary on German politics (545 10/11 Watson-FL)

11750 0139 DW GG; tlk about types of nx, IS @ 0145, ID, sked, nx, contrary on Iceland Summit (433 10/19 Dillon-MD)

15185 1100 DW JJ; nx, contrary, letterbox pgm (343 10/12 Uetake-Japan)

17750 1615 KFE-PL Tatar-Bashkir; nxcast, OM w/amnts, chants, recitation, OM w/tlk (334 10/16 Orr-FL)

17965 1128 DW EE; IS, IDo, 1130 s/on amnts, nx (433 10/23 Westenhaver-QU)

17825 1414 DW Indonesian; pop nx, ID as "Suara Jermani," s/off amnts, 1419* (433 10/5 Westenhaver-QU)

1510 DW EE; tlk on the WId Bank study on population growth in Africa & disappearance of Uganda's forest (333 10/11 Gersten-NY)

The reports received for 6040 @ 0140 in EE, 6120 @ 0514 in EE, 15105 @ 2300 in SS & 15410 @ 0030 in GG are all from Antigua. I have been receiving some reports that abbreviate German as DD, our abbreviation is GG so please use it.

GREAT BRITAIN British Broadcasting Corporation

3955 0017 BBC EE; rpts on tlks in Iceland w/excerpts of Reagan's speech, much ABO QRM (222 10/14 Gersten-NY) (Bishop-NY)

0503 BBC EE; nx, GM to withdraw from S. Africa, Hasenfuss to go to trial in Nicaragua (343 10/21 Brown-IL)

1815 BBC EE; wld nx, interp's new policy on int'l terrorism (555 10/10 Havrilko-U.K.)

3975 0630 BBC FF; nx, contrly, followed by EE (333 11/2 Muster-GA)

5975 0000 BBC EE; wld nx, S. Africa protests about U.S. report (434 10/24 Pike-NM 0000 wld nx, "Na abt Britain," // 6120 & 6175 (444 10/17 Dillon-MD)


0455 BBC EE; London/N.Y. stock market rpts (555 10/21 Harnish-IN)

5995 2000 R. Canada Int'l relay EE; nx, wx, spta pgm (433 10/20 Hecsh-NY)

6040 0324 V. of America relay EE; contrly on Soviet Jamming of b/c, blues nx, "Daybreak Africa" (322 10/24 Brown-IL)

6125 2155 BBC Police; EE lesson, 2157 "Tu miw London" ID, nx briefs, 2200 into Hungarian, co-channel RBI absent tonight (333 10/22 Westenhaver-QU)

7120 0250 VOA relay lang; nx about Pakistan, 0259 EE ID (322 10/17 Orr-FL)

7170 0513 VOA relay EE; wld nx, contrary, QRM de Moscow on 7165 (322 11/3 Thunberg)

9410 1715 BBC EE; "Meridian," literary Booker Prize goes to novelist Kingley Amis (394 10/23 Westenhaver-QU)

9750 0915 BBC EE; // 9760, 9740 (233 10/11 McEntee-TX)

1500 BBC EE; terrible het, "Radio Nxreel," YL w/ID, 1515* (342 10/31 Thompson-CA)

11680 0200 BBC lang; EE ID, nx in lang (555 10/21 Harnish-IN)

15070 0845 BBC EE; OM w/tlk, nx & chatter (222 10/22 Alexander-NJ)

1222 BBC EE; rpts on rock group The Assassins of Soul (333 10/18 Brown-IL)

17790 1305 BBC EE; wld nx, Queen Elizabeth concludes visit to China (343 10/18 Brewer-EE) 1444 EE OM, ID into pgm about Queen in China (444 10/15 Orr-FL)

18080 1512 BBC EE; YL w/ nx, "Radio Nxreel" (352 10/22 Bush-ON) 1530 Africa svce, nx (555 10/22 Harnish-IN)

21710 1410 BBC EE; "Saturday Special," rugby (333 10/25 Brown-IL)

The report I received for 6175 @ 0400 in EE is from Antigua, and for 15260 @ 1715 in EE is from Canada.

GREECE Voice of Greece

7420 0327 VOG Greek; Greek mx, ID (344 10/30 Brown-IL)

7430 0345 VOG Greek; Greek mx, freq sked, 0351* (444 10/1 Wright-ME)

9395 2147 VOG SS; Basouki mx, 2150* (243 10/12 McEntee-TX)

9420 0130 VOG Greek; OM, Greek mx, 0455 (444 10/5 Langlois-FL)

11595 0340 VOG EE; short nx items, ID, 0348 Greek ID "Edo Athine," sked in Greek, 0350*, // 9420 & 7430 (gd 10/11 Sheedy-CA)
GREECE continued
11645 1540 VOG EE; Greek & wld nx, ID in EE, freqs & Greek s/off @ 1548 (343 10/11 Gerstner-NY)
11775 *1328 V. of America relay Urdu; IS to 1330, EE ID/lang amnt, YL w/Urdu s/on amnts, OM w/nx (333 10/23 Westenhaver-QU)

HUNGARY
Radio Budapest
6025 0215 HB EE; Arab/Israeli relations, next weeks pgms (342 10/11 Wright-MB)
9520 0200 HB EE; Pres. Samora Michel of Mozambique killed in plane crash, crisis in Hungary: 10/6/56 (555 10/20 Robinson-TN)(Miller-CA)
0330 HB HH; IS, ID by OM, // 6025 & 9835 (232 10/17 McEntee-TX)
9985 1858 HB Hungarian; IS, "Itt Budapest" ID & amnts, tlks about Franz Liszt (333 10/25 Westenhaver-QU)
9835 2200 HB SS; "Aqui R. Budapest...." YL w/nx, guitar mx (545 10/22 Robinson-TN)
2240 HB EE; story of famous Hungarian artist-teacher, Prof. Laslo & other great Hungarians (444 10/10 McEntee-TX)
21665 1555 HB EE; history pgm, closing amnts, ID, 1558* (333 10/18 Rocker-MG)

ICELAND
Iceland State Broadcasting Service
11855 1340 ISBS Icelandic; apparent nx or nx features by 2 OM, YL later, ment of Reykjavik @ s/off, 1348* (353 10/12 D'Angelo-PA)(Westenhaver-QU)
13775p 1233 ISBS Icelandic; OM tlk w/many ments of Reykjavik, fuzzy modulation, co-channel QRM, QSB (322 10/25 Westenhaver-QU)
15395p 1903 ISBS Icelandic; OM tlks & intwvs 2 other OM, lots of mention of "Island" (Icelandic for Iceland, some splash de Italy-15390 (444 10/25 Westenhaver-QU)

ITALY
Radiotelevisione Italiana
5990nf 0103 RAI EE; nx by YL, replaces 6010, // 9755 (343 11/3 Westenhaver-QU)
9755 0100 RAI EE; Italian doctor wins Nobel Prize for medicine (453 10/14 Fraser-MA)(Brown-IL)(Miller-CA)(Wright-MB)
*0139 RAI II; to Sam, IS @ 0139 (131 11/2 McEntee-TX)
15350 1359 RAI II; bird IS, II ID (333 10/22 Brown-IL)
15355 *1400 RAI II; bird IS, Church bells, ID by YL, to Canada (444 10/1 Twiggs-CT)
17780 1700 RAI II; African svce, piano fill, nx @ 1708 (555 10/22 Harnish-1N)
1900 RAI II; Italian pop mx, ID, 1905* (343 10/12 Rocker-MG)

LUXEMBOURG
Radio Luxembourg
15350t 1815 RTL FF; pop mx w/ "WLKA" drop in jingles, ads incl. one for Paris Match nx @ 2000, no "RTL" or "209" ID's heard (gd 10/8/11 Sheedy-CA)

MALTA
Deutsche Welle relay
9545 0149 DW EE; IS, ID, freq amnt, off @ 0151, back @ 0200 w/IS & ID in SS (333 10/19 Curtis-TN) 0137 museum opening in Norway (333 10/21 Brown-IL)

MONACO
Trans World Radio-Monte Carlo
6230 2029 TWR lang; YL w/amnt in Slovic lang, IS @ 2030*, WRTH listed MW sked shows Polish Sat/Sun w/ 2030*, may be Polish (333 10/5 Westenhaver-QU)

NETHERLANDS
Radio Nederland
5955 1158 RN EE; // 9715 & 17605, tik of Olympic games going to Barcelona instead of Amsterdam (555 10/22 Havrilko-U.K.)
9715 1140 RN EE; "Happy Station," co-channel QRM de HCB (333 10/19 Westenhaver)
9895 2040 RN EE; "Newline," US-USSR relations, Chandl switches cabinet around, "Media Network" (244 10/23 Brown-IL)
2230 RN SS; "Aqui R. Nederlands," nx of Nicaragua & Argentina (555 10/18 Robinson-TN)
11715 2330 RN SS; IS, NA, wld nx, heavy QEN (423 10/14 McEntee-TX)
11740 2345 RN EE; wld nx, tik about Apartheid in Africa & black churches, "Nxline" "SW Feedback" (444 10/25 Miller-CA)
13770 0358 RN EE; "Newline"-US elections previewed, "SW Feedback," Dutch Top Ten (444 10/30 Brown-IL)
1503 RN EE; "SW Feedback," QRM Moscow (433 10/11 Bishop-NY)
15280 1441 RN FF; nx briefs, contry on bombing in Jerusalem, tik by YL (444 10/16 Westenhaver-QU)
15560 1138 RN EE; "Happy Station," some QSB, // 17605 (433 10/19 Dillon-MG)
1430 RN EE; nx, plane crash in S. Africa was navigation error, "Newline" (433 10/23 Brown-IL)

Reports received for 6020 @ 1100 in EE & 17605 @ 1830 in EE are from the Neth. Antilles.
SWITZERLAND  Swiss Radio International

17570 1540 SRI

SWITZERLAND Swiss Radio International

VATICAN CITY STATE Vatican Radio

17645 1309 RM

VATICAN CITY STATE Vatican Radio

17570 1540 SRI

U.S.S.R. (European) Radio Moscow

4940 2240 Kiev FF; heard the word Kiev, OM w/tlk & mx (433 10/22 Bishop-NY)

5920 0057 FM Nikolayev Ukraine (UHN) EE; "Sidelights of Soviet Life" (455 10/19 Rocker-ME)

5925 2105 R. Tallinn Swedish IS, s/on, opening mx, OM w/nx (322 10/24 Soomre-MA)

6010 2023 FM Nikolayev Ukraine (RDI) FF; to Europe, contry, ID (90 10/15 Ort-FL)

6035 2136 RM EE; "Listener's Request Club" (434 10/12 Westenhaver-QU)

7110 2300 RM EE; contry on summit in Iceland (444 10/14 Langlois-FL)

7165 0055 R. Kiev EE; tw/f w/ John Denver (343 10/25 Wright-MC)

7260 0030 R. Kiev Lvov Ukraine (RDI) EE; rpt on Gorbachev's return from meeting (344 10/14 Fraser-ME)

7320 0100 R.S. Peace & Progress Creole; nx by OM, ARO QRM (433 10/25 Westenhaver)

7330 0123 R.S.P.AF. Creole; ID, tk about spending Star Wars money instead of on Third World Development, QRM Tirana (344 10/26 Westenhaver-QU)

7360 0000 FM Arkavir ERSPS (UHN) EE; nx, "Moscow Mailbag" (455 10/9 Fraser-ME)

11790 2322 R. Vilnius EE; question from listner, Lithuanian mx (343 10/6 Gerstner)

13310 1452 EE; allens from outer space, science fiction (433 10/11 Bishop-NY)

13615 1320 RM EE; // 13575, 15225, 13970, 13650 & 11840, QSB, nx in brief @ 1359; "Soviet Way of Life" (94 10/16 McEntee-TX)

13755 0550 FM Simferopol Ukraine (RDI) RR; Mariners sve, YL w/RN mx, IS @ 0630 (222 10/07 Preston-CA)

13790 1330 RM EE; nx in brief, "Marxism Today" (444 10/18 Rocker-ME)

15375 1350 FM Simferopol Ukraine (UHN) EE; promoting new "RR by Radio" (444 10/5 Brewer-AF)

15762 1712 RM EE; comments on anti-nuclear war (10/7 Levison-PA)

17695 1309 RM EE; w/d mx, "The Way We See It" (243 10/18 Rocker-MS)

17820 1400 RM EE; tk about US Gov't support of S. Afr. (323 10/5 Westenhaver-QU)

VATICAN CITY STATE Vatican Radio

6150 0215 VR SS; IS, S/M harp mx, tlk about Pope's meeting w/Colombian churchmen, splash de 6-1145 (333 10/21 Westenhaver-QU)

6250 1901 VR II; OM w/tlk, ment of Mother Theresa (555 10/18 Harrilkio-U.K.)

9605 0031 VR II/EE; rel mx, tk by YL, "Going Home," into EE @ 0052, Pope prays for wd leaders, relics of St. Francis (434 10/24 Pike-NM)

9615 2203 VR EE; ID, "This Week Today," Amnesty Int'l Rpt (433 10/17 Brown-IL)

9645 2002 VR EE/SS; nx, Aquino send message to the Pope (333 10/24 Brown-IL)

11700 1951 VR Latin; Rosary sve (433 10/17 Wakefield-IA)

15900 1420 VR EE; clear ID @ 1449, nx, abrupt off @ 1455 (221 11/12 Kob-NM)

15945 1407 VR SS; 2 OM tk about early Jesuit missionaries in Latin Am. (444 10/31 Westenhaver-QU) 1424 mx, 1428* (454 10/18 Hesch-NY)

YUGOSLAVIA Radio Yugoslavia

6100 2130 RY Greek; IS, ID by YL, QRM de YUTO (322 9/20 Twigg-CT)

7240 2223 RY FF; YL w/nx, sports & wx, ID, tk about visiting Turkish President, bad met & ARO QRM (322 10/19 Westenhaver-QU)

9620 1907 RY Yugoslavian; YL w/ID; // 6100 (322 10/19 Harrilkio-U.K.)

11735 0700 R. Novi Sad Hungarian; IS, ID by YL, freqs, nx (444 10/25 Trotto-FL)

735
The experts say that this sunspot cycle has finally bottomed out, contributions to this column are way up, and this will be my last column sorted any typed without the assistance of a computer—-who says there ain't no Santa Claus? Ho Ho Ho!!

LOGGINGS FOR DECEMBER 1986

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<td>ALGERIA</td>
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<td></td>
<td>0825</td>
<td>R. Algiers: Kaby1; AA mx, W and M ancrs. 443(10-19 Havrilko-UK)</td>
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<td>0728</td>
<td>R. Algiers: FF; schmaltry Francopop mx, chatty M/W DJs, distorted audio. //clearrer 9535. 346(11-16 ed.)</td>
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<td>1000</td>
<td>R. Algiers: AA; time sig w/- ID, then ppm w/M. 252(11-1 Welch-MA).</td>
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<td>1701</td>
<td>VO Palestine Relay: AA; nx headlines, ID &quot;Nama sawt ul-Filisteen sawt uth-thawrat il-Filisteenyyah&quot;, PLO mx. 433(10-11 Dillon-MD)</td>
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<td>17745</td>
<td>2004 R. Algiers: EE; world mx, ID: b/c to Africa/Europe. 433(10-6 Hesch-NY)</td>
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<td>ANGOLA</td>
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<td></td>
<td>2112</td>
<td>R. Nacional(t): PP; M talk over rap record, Stevie Wonder &amp; 1cl mx to 2125</td>
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<td>0356</td>
<td>ER da Huila: PP; M talk to ID @0358 &quot;de...transmite RNacional de Republica Popular de Angola.&quot;, mx to 0400 nx. Xnrtr hum. 422(11-7 Orr-FL)</td>
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<td>2102</td>
<td>ER da Huila(t): SS; nx for Cubans to 2115, then semi-clas mx. Carrier jumping all over place + audio hum= prob 4952 xmrtr wandering. 333(10-24</td>
<td></td>
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<tr>
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<td>1559</td>
<td>R. Nacional: PP/EE; synth IS, ID in PP/EE/FP, fanfare @1600, then ed.)</td>
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<td>&quot;You are tuned to the ppm in EE on the Int'l Scz of the Angolan National Radio b/c'ing from Luanda&quot;. 5 min nx, jazz mx. //11955.2 hrly weakly as wel. Er(10-21 Sheedy-CA). [Switzerland dominates on ECNA.-ed.]</td>
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ASCENSION ISLAND

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<thead>
<tr>
<th>Time</th>
<th>Callsign</th>
<th>Notes</th>
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<tr>
<td>0034</td>
<td>BBC Relay: EE; ppm of classical mx. 333(10-19 Curtis-TN)</td>
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<tr>
<td>0430</td>
<td>BBC Relay: FF; ID foli by nx. 444(10-17 Brown-IL)</td>
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<tr>
<td>0530</td>
<td>BBC Relay: EE; African Scz: mailbag ppm, Names in the News. 344(11-2 Preston-CU)</td>
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<tr>
<td>0257</td>
<td>BBC Relay: EE; IS to 0259, s/on amnt w/ment Atlantic Relay, nx. 444(10-13 Westenhaver-QE)</td>
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<tr>
<td>1708</td>
<td>BBC Relay: EE; rpt on student riots in S. Korea. 444(10-31 Grosvenor-CA)</td>
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<tr>
<td>0715</td>
<td>BBC Relay: EE; disc terrorism, Afr nx @0700. 333(10-7 Lord-CA)</td>
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<tr>
<td>1940</td>
<td>BBC Relay: Hausa; talk on Mozambique, ID, off @1945. 353(10-17 Wakefield-IA)</td>
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<tr>
<td>2045</td>
<td>BBC Relay: EE; Aussie rules football. 455(10-13 Wright-MB)</td>
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<tr>
<td>1745</td>
<td>BBC relay: EE; Sports Roundup, Newsdesk. Better now than in summer, but some splash de VOA-15410. Gained strength w/time. 433(10-31 Westenhaver-Que). @1908 rpt on 1992 Olympic site. 353(10-17 Wakefield-IA)</td>
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</table>

I TWAS THE DAY AFTER CHRISTMAS, THE HOUSE WAS A-TIZZY THE WIFE AND THE KIDS WITH THEIR PRESENTS WERE BUSY I SHOVED DOWN THE CELLAR AND TURNED ON THE POWER TO DO SOME DX'ING THIS AFTERNOON HOUR.
**BENIN**


**BOTSWANA**

3356 1918
R. Botswana: EE; M w/ nv to mx @1922. RTY/CW QRM. 332(10-18 Havrilko-UK)

1980 0357

0750 0356
R. Botswana: Sets/EE; cowbell IS, NA, Setswana ID foll by EE ID & freq, then morning prayer. 333(10-30 Evans-TN). 343(11-4 Westenhaver-QUE)

**BURKINA FASO**

4815 2226
RTV Burkina: FF; tlk abt development of communications in Africa. 343(10-18 Svendsen-NOR). 353(11-4 Welch-MA)

7230 0811
RTV Burkina: EE; M dramatic-sounding political speech, mni ments of Ouagadougou. 322(11-16 ed.)

**CAMEROON**

4750 0425
R. Bertousa: EE/FF; drum IS w/continuous IDs in EE/FF; NA @0426, drums, ID in vern, then W nv in FF. Also noted mx in EE @2100. 232(11-16 ed.). same, w/intermittent carrier. fr(10-22 Sheedy-CA). 232(11-7 Orr-FL)

4795 0435
R. Douala: FF; indig mx, M "...Douala, R. Cameroon..", cock crowing, drums, more music. 222(11-19 ed.)

4850 2050
R. Cameroon, Yaounde: EE; M w/lcl mx, ID "..Nat'l Sce of R. Cameroon..", hilife mx to 2100 ID, then nat'l/world mx. 353(10-18 D'Angelo-PA). @2035.343(10-17 Welch-MA). 222(10-18 Richmond-MD)

5010 0428
R. Garoua: EE/FF; IS, NA, s/on anmsts in EE/FF/vrn, then recitations. 353 (10-12 D'Angelo-PA). @2029 in vernacular. 343(10-22 Havrilko-UK). @2100 in EE w/nx from Nat'l Sce. 252(10-17 Welch-MA)

**CANARY ISLANDS**

15385 2245
R. Exterior de Espana Relay: SS; ID, tlk on Guatemalan politics; killed by WYFR @2255. 433(10-14 Wakefield-IA). 333(10-23 Brown-IL)

**CENTRAL AFRICAN REPUBLIC**

5034.2 2240
R. Centrafrique: FF; EZL mx w/M and W anmrs, W w/ID @2300, into NA, then s/off. 333(10-8 Havrilko-UK). @2145 great hilife mx--listened while doing Nov QSL report! 433(10-14 Forsgren-WI)

**CHAD**

4920 2135
RN Tchadienne: FF; M poss w/nx--mentions Libya, various places in Chad; brief vcl mx @2155, M anmsts @2157, NA & sign-off. 353(11-5 Welch-MA). 343(10-23 Thumberg-PA). 433(10-12 Havrilko-UK)

5286.2 0459
R. Mondou: FF; 3-note IS to 0500 NA, W w/ID & freq (extremely lo mod on mike), right into lcl narrative chants. 232(11-18 ed.)

**EGYPT**

9475 0215

9675 0225
R. Cairo: EE; nx, ID, pgm "Egypt's Foreign Policy". //9475. 343(10-10 Westenhaver-QUE).

9805 2200
R. Cairo: EE; discussion of Egyptian play. 444(10-20 Robinson-TN)

9850 1805
R. Cairo(t): AA; Qur'an recitations; QRM from different set of beliefs de KVHO-9582.5. 322(11-17 ed.)

9900 0209
R. Cairo: AA; AA mx, ID @0214 "Min al-qahira..", into interview pgm. 444 (10-10 Westenhaver-QUE). 354(10-17 Orr-FL)

11490 0138
VO Unity: AA; M ancr w/angry talk, some AA mx. ID. 242(10-11 Trotto-FL)

[Oops, I shoulda put that one under CLANDESTINE, 'tho it is loc in Egypt. -ed.]

11785 2050
VO the Arabs: AA; M tlk abt Iran, anhemic mx, ID. 433(10-15 Orr-FL)

2) On 3290, the frequency cleared... and all of a sudden a STATION appeared
A MAN SPEAKING ENGLISH - OH, COULD IT BE TRUE?
THE LAST THING I HEARD WAS, "YOU'RE LISTENING TO..."
EGYPT (cont.)

12050 2048 R. Cairo: AA; Faruq Shushah w/tlk abt medieval poet al-Mutanabi, ID, wrld nx @200, TC. 333(10-7 Dillon-MD). 444(10-16 Miller-CA)

17690 1546 R. Cairo: AA; AA M vocals & orch mx to 1600 TPs, ID, nx. 355(10-17 Orr-FL)

EQUATORIAL GUINEA


9553.3 2102 R. Nacional: SS; W w/nx, mx bridge, M w/ID, cnty. 353(10-23 Thunberg-PA)

ETHIOPIA

7110 0329 VO Revolutionary Ethiopia: Amharic; IS, clr ID, fanfare, rousing NA, M tlk to 0334 then Qur'an. Severe jamming. 311(11-18 ed.)

9560 1501 VO Revolutionary Ethiopia: EE; IS, M ID, flute & orch mx to 1501, M "from VO Rev. Ethiopia, here is the nx" to 1508, then undis freqs pgm. Much better signal during previous hour of AA. 242(11-17 ed.)

GABON

4830 0512 Africa #1: FF; lively Afropops, W dj, ID @0518, address. 323(10-10 Berri-CA). 444(10-30 Preston-CA). @2200 ID, nx, mx. 434(10-19 Richmond-MD). 343(10-10 Havrilko-UK). [weirdest programming yet. on 10-24 @2223 they played Mel Brooks singing "Sweet Georgia Brown" in Polish! ed.]

7200 0817 Africa #1: FF; M detailed nxcast w/actualities. 333(11-16 ed.)

9570 0545 R. Japan Relay: Italian; M ID "Radio Japoni via Gabon", cnty abt Japan & Gorbachev. 444(10-26 Brewer-AR). @0438 JJ/EE IDs. 444(10-19 Brown-IL)


15200 1458 Africa #1: FF/EE; FF ID, nx, EE ID, brief EE mx. 444(11-1 Brown-IL). 343(10-26 Wright-MB). 353(10-18 Wakefield-IA)

15475 1900 Africa #1: EE/FF; Afr & world mx, ID, back to FF @0100. 353(10-18 Wakefield-IA). 444(10-17 Brown-IL). 453(10-21 Thompson-CA). 444(10-10 Brown-IL). [moves hr from 15200 @ approx 1700 after bk to return xmrn.-ed.]

17785 *1500 R. Japan Relay: EE; IS, ID, TPs, mx. QRM VOA Tangier-17780, BBC-17790. Replaces Z1700. 333(11-3 Thunberg-PA)

21700 1604 R. Japan Relay: JJ; M w/world mx, ID. 454(10-25 Orr-FL) [Lorenz Weiderman-GDR reports, via SCDX, that ANO uses 11755 between 07-17, but no traces of it here. Howsabout some reports on the Swiss R. relay to SA from Moyabi--2215-0100 on 96257 -ed.]

GHANA

3350 0550 GBC: EE/vern; choral mx, M tlk vern, gtr mx; @0600 "This is GBC" & into nxcast. UTE QRM. 333(11-2 Orr-FL)

3366 2219 GBC: EE; "Soft & Gentle" mx pgm, ID, nx hilights. 343(10-13 Gerstner-NY)

4915 0600 GBC: EE ID, feat on disaster preparedness. 332(10-8 Neff-OH). 333(10-15 Brown-IL). @2245 EE mx from Ghana. 444(10-11 Curtis-TN)

GUINEA

4900 0556 RTV Guinienne: FF; after IS & NA, ID "Ici Conakry, RTV Guinienne", then RFI-style freq anmts w/MW, mx pgm. 434(11-7 Orr-FL). 332(10-12 Bishop-NY). 2318...443 Twiggs-CT)

7124.9 0757 RTV Guinienne: FF; gtr IS, orch NA @0800, W & W ID, freqs, brief drums, M ID & nx. //4900. 322(11-16 ed.)

IVORY COAST

4940 0704 R. Cote-d'Ivoire: FF; M ID, nx; /much stronger 6015. 232(11-16 ed.)

6015 0640 R. Cote-d'Ivoire: FF; mx & tlk by 2 OM. 333(10-31 McEntee-TX)

9620 2158 R. Cote-d'Ivoire: FF; lcl mx, ID, drama pgm from RFI. 433(10-13 Soreen-MA)

9670 1300 R. Cote-d'Ivoire: FF; W tlk, mx, M ID @1400*. 212(10-28 Pike-NM)

11920 2205 R. Cote-d'Ivoire: FF; FF/EE dance & rap mx, freq IDs; only/noted was trace of 4940. vy gd(11-1 Sheedy-CA). 333(11-8 Whaver-QUE). 454(10-17 Wakefield-TA). 555(10-18 Orr-FL)

3) All at once through my head
Moves there came such a clatter,
I ran up the stairs to see what was the matter.
I opened the door and confronted a scene --
The DX'er's nightmare -- you'll see what I mean.
KENYA
4883 2006 VO Kenya: Swahili; M & W tlk (mx?) to 2011, then W ID, more tlk by M, M choral NA @2013, off 2014*. vy poor (10-22 ed.)

LESOTHO
4800 1808 R. Lesotho: Sesotho; reggae mx, ID @014. QRM adj numbers stn. 432(10-17 Havrilko-UK). @0401...343(11-1 Thompson-CA). 444(10-21 Miller-CA)
[BBB Relay via R. Lesotho facilities sked: 04-0545 on 6190, 0545-1515 on 9515, 1515-2115 on 6190. -Glenn Hauser/DX Listening Digest #10]

LIBERIA
3230 0610 ELWA: 17; hrd vibraharp IS @0610, returned to freq @0625—nothing hrd. 342(10-12 Havrilko-UK)
3255 2345 ELBC: EE; EZL mx, shouted ID "LBS!", contest anmt. Strongest 90m sig. 444(10-7 Twiggs-CT). 233(10-7 Gerstner-NY). @0638..433(10-5 Shaffer-PA)
4760 2217 ELWA: EE; religious pgm, ID & sked, NA, s/off @2231*. 343(10-14 Gerstner-NY). @2159 ID, VOA mx. 433(10-2 Bishop-NY)
6035 0506 VOA Relay: EE; African mx, ID @0510. 322(10-20 Berri-CA). 433(10-11 Brown-IL)
7280 0435 VOA Relay: EE; Sunday Morning; Nk, Motown mx. 333(10-12 Brown-IL)
9550 0438 VOA Relay: EE; tlk abt interferon, symposium on US jazz. 333(10-19 Brown-IL)
11830 0729 ELWA: EE; M ID, religious pgm; under Moscow. 333(10-19 Havrilko-UK)
17870 1758 VOA Relay: EE; pgm of country mx, ID & IS @1800, mx 333(10-10 Havrilko-UK). 343(10-26 Welch-MA)

LIBYA
7245 0135 Voice of the Arabs: AA; vcl mx, ID "Sawt-al-Arabiyyah", Qur'an, then into speech. 423(10-19 Wakefield-IA). 444(10-17 Miller-CA)
11815 0311 R. Jamahiriyyah: AA; Typical pgm: man ranting about something or other; // 7245; hum in audio. 454(11-4 ed.)
17895 1802 VO Arabs: AA; rev propaganda, ID "Sawt ul-watan il-'Arabi-il-kabir, il-jannat ith-thawrayyiyah". [You sure you're not just making all this up, Peter?] 433(10-11 Dillon-ND)

MADAGASCAR
9540 1904 R. Nederland Relay: EE; Afr Sce, answering listeners' questions about agriculture. 222(10-17 Brown-IL). 433(10-9 Sheedy-CA)
9715 2110 RN Relay: EE: Happy Station; mail call. 222(10-26 Wright-MB)
11740 2015 RN Relay: FF; closing pgm of Togolaise mx; 2025*. //21685, 17605. fr to good(10-9 Sheedy-CA)
17575 0850 RN Relay: EE; Media Network: USSR & mailing. 544(10-28 Shreedhar-IND)

MALAWI
5995 0359 MBC: Chichewa; VOA off to switch xmtrs, hrd M "...ku MBC", TC, freqs, into mx; killed by reappearance of VOA @0403. This is virtually the only chance we ever have of logging this one. 222(11-18 ed.)

MALI
4783 2345 RN du Mali: FF; Afro & pop mx. 132(11-1 McEntee-TX). 322(10-2 Bishop-NY)
4834 2032 RN du Mali: FF; M w/ID, more tlk by M. 444(10-8 Havrilko-UK)
7285.5 0804 RN du Mali: FF; odd mx from stringed instrument, M ID "la RDif TV du Mali", brief anmts, more weird lcl mx. 434(11-16 ed.)

MAURITANIA
4845 2233 RTV Mauritania: AA; AA mx to 2300 nx fall by excerpts of live speeches, QRM mx, recitations, s/off anmts @2358, NA. 343(10-10 D'Angelo-PA). 322(10-19 Bishop-NY). 343(10-8 Havrilko-UK). @0633..433(10-20 Wakefield-IA)

MOROCCO
9575 2200 R. Medi-Un: FF; in clr after VOA 2200*. Nx w/mx bridge between items, then mx of EE/FF rock mx from 2213. 343(10-8 D'Angelo-PA)
15335 2030 RTV Marocaine: AA; tail end of ID "...arabiyya maghribiya", into mx pgm w/ ancr. 222(11-10 Forsgren-WI)
17595 1632 RTV Marocaine: AA; lcl AA mx w/live audience, M ancr, telephone calls, off @1700*. 343(10-11 Dillon-MD). 354(10-22 Bush-OH)

4) The power massage I got him for her hands was putting out RF on 10 different bands. Suzie was blowing her dolly's hair dry with a thousand-watt dryer—I started to cry.
NIGER

- 5020 0545 RTV Niger: FF; M ancr, children sing w/drums, solo flute IS & ID @0551.
  443(10-22 Havrilko-UK). @2104 hifl life mx. 444(10-13 Gerstner-NY)

NIGERIA


SEYCHELLES


SOUTH AFRICA

- 15120.1 1758 VO Nigeria: EE; tribal mx, ID @1800, then M w/letters from listeners, Afropop mx.343(11-6 Thunberg-PA)

RWANDA

- 9565 0446 Deutsche Welle Relay; EE; report on South Africa. 322(10-19 Brown-IL)
- 11750 0200 DW Relay: GG; African Sce: mx of nx & mx. 433(10-30 Harnish-IN)

SEYCHELLES

- 9610 0310 FBEA: Swahili; IS & ID @0310, then pgm of Afr mx. 232(10-30 McNeill-AL)
- 11755 0345 FBEA: AA?; IS and sign-on ammts. 222(19-15 Moman-AB)

SOMALIA

- 7199.9 0301 R. Mogadishu: Somali; Qur'an to 0305, M long talk (nx?) to 0319, ID "..Muqdishu...", into ME orch & vcl mx. Mixing w/VOA-7200. Former spurs on 7173 and 7227 seem to have disappeared. 333(11-18 ed.)

SOUTH AFRICA

- 3215 0413 R. Oranje: Afk; pop mx, M dj. 222(10-21 Preston-CA)
- 3236 0348 R. RSA: EE; M disc SAF education; ID & freq data. 232(10-21 Preston-CA)
- 3955 0245 R. Orton: Afk; M dj, Bing Crosby mx, covered by BBC @0250. 322(10-15 Shaffer-PA). 322(10-21 Preston-CA)


- 4945 1600 R. RSA: Lozi; faint bird call IS (not usual RSA one), then M tlk. This and Togo-5047 best bets for longpath Afros here. 222(10-16 Moman-AB). @1730...343(10-21 Shreddieh-INDIA)

- 4990 0402 R. RSA: EE; ID, African mx, currency prices. 222(10-13 Brown-IL)
- 5980 0154 R. RSA: EE; ID, Is, Africa Today. 444(10-23 Miller-CA)
- 5985 0210 R. RSA: EE; mx: realignment in Saf gvt positions. 322(11-5 Brown-IL)

- 6010 0247 R. RSA: EE; Saturday Night RSA. This freq replaces 6015 for DB6--good nx for Nicaragua fans!unless Nicaragua moves-ed.). 343(11-2 Westenhaver-QUE). 444(10-10 Wright-MB)


- 9585 0305 R. RSA: EE; nx rpt on death of Mozambique leaders. 333(10-30 McNeill-AL). 444(11-1 Brown-IL)


11775 *1956 R. RSA: FF; IS, NA, TFs, into FF pgm. poor(10-8 Sheedy-CA). @2125 in EE 444(10-2 Hesch-NY)

5) Jamie was playing with her new computer. It took all the strength that I had not to shout her.
When Jamie plugged in his new circular saw, the cases I felt, well, are against the law.
South Africa (cont.)
(10-21 Westenhaver-QUE)
15185 1759 R. RSA: EE/GG; IS, EE ID, GG ID, begin GG pgm. 444(10-17 Brown-IL)
15225 1700 R. RSA: Afk; ID, IS, M w/nx, then pop mx. 323(10-13 Sable-PA)
15270 0635 R. RSA: EE; mx, IDs, Editorial Comment, Africa Review. go(10-28 Sheedy-CA)
21590 1546 R. RSA: EE; interview w/a triathlete & author of a new cricketing manual. [was that one guy or two?-ed.]. 344(10-17 Westenhaver-QUE). 444(10-21
Havrillo-UK). 233(10-11 Gerstner-NY). @1100. 253(10-5 Uetake-JPN)

[From Bill Westenhaver-QUE, come the D86 changes in R. RSA's sked:
0200 to Nam in EE--5980, 6010, 9615
0430 in Lozi--5980
0430 in FF--9585, 7270, 11900
0630 in EE--9585, 7270, 11900
0830 in Afrikaans (Sunday only)--7270,11900, 17780
1100 in EE--11900, 15220, 21590
1200 in FF--11900, 15220, 21590
1500 in Lozi--5980
1600 in Swahili--9585, 11900, 15185
1700 in Dutch--11900, 15185
1700 in Chichewa--7270, 4990
1800 in German--11900, 15185
1900 in PP--3230, 7270, 9585, 11900
2000 in FF--7270, 9585, 11900
2100 in EE--7270, 9585, 11900

Bill assumes that unlisted xmsns have no freq changes. I, on the other hand, have learned not to assume anything because I'm usually wrong.-ed.]

South West Africa
3270 0033 R. SWA: EE/Swa; //3295 with EZL mx, some UTE QRM. Hrd most evenings. 232
(10-1 Moman-AB)
3295 0345 R. SWA: EE; EZL mx, country mx, ID @0359. 242(10-9 McNeill-AL)

Swaziland
3275 0313 TWR(t): unid; M tlk in odd language, religious mx in same lang. 232(11-16 ed)
9550 1625 TWR EE; IS, EE ID, into EE religious pgm, sounded live w/native spkr and
possible interview. fair(10-11 Sheedy-CA)

Tanzania
5050 1858 R. Tanzania: Swahili; ID "...Dar Es Salaam", drums, more talk by M. Poor
copy & lo mod. 332(10-22 Havrilko-UK)
9684 0329 R. Tanzania: EE; IS, W w/ID & freq, mx pgm w/some IDs to 0400, when W ID
and M read mx. Jamming began @0400. Country #140 for me. [Nice going,
Jim.-ed.]. 242(10-19 Orr-FL). noted well @1315 in Swahili w/children
singing, ID, hilife mx. This freq jammed more & more in past few wks,
Saf would be my guess as to its source.333(11-18 ed.)

Togo
5047 1924 R. Togolaise: FF; jazzy piano mx, ID, M w/nx @1930; thought I hrd nx in
EE @2000, but not certain because of lo mod and fax QRM. 342(10-22
Havrillo-UK). 353(10-17 Welch-MA)

Tunisia
11730 0833 R. Tunis: AA; W ancres, AA mx, ID @0833, nx @0900-0903. 443(10-21 Havrilko-UK).
17610 1450 R. Tunis: AA; nonstop AA mx to 1500, M ID "Idha'atu al-jumhuriya at-
tunisiya", then mx. Some splash de RFI-17620. 433(10-23 Westenhaver-QUE). 443(11-6 Orr-FL)

Uganda
4973.9 2056 R. Uganda: unid; lively kalimba/vocal mx to 2100, then right into drum
roll and quickie NA, off @2101*. 232(11-15 ed.)

Zaire
15245 1750 LV du Zaire: FF; great hilife tunes till gong & M talk @1758; freq ments
of Zaire; very strong, but buried by VOA @1800. 444(10-11 Forsgren-WI)

6) The bulb on the tree that made all the lights flash
was transmitting popping and clicking and hash.
I threw up my hands and said "Oh what the hell!!
I wonder if Christmas trees send QSL's?" — AC
ZAMBIAN
4910.8 *0350 ZBS: EE/vern; fisheag.e bird IS, NA @0352, EID by M, then M tk in vernacular; signal gained strength further into b/c. 332(9-7 Twiggs-CT)[I realize this log is kinda dated, but it was our only Zambian this month.-ed.]

ODDZNENDS: Some last-minute African news from Richard Ginbey and R. Nederland's Media Network:

ANGOLA: R. Nacional is now noted on 9720, replacing 9660, and is reportedly on 24h sked.

LIBYA: R. Jamahiriyah recently noted on 15450 in EE @ 2000.

NIGERIA: VO Nigeria has been heard on 15185 from 03-1100, beamed to East-, Central-, and Southern Africa.

TRANSKEI: R. Transkei will begin operating on SW early next year, using 10kw from the old Capital Radio xmtr now that that station is off the air.[For good? Did I miss something?-ed.]

UNIDENTIFIED: A station playing African music has appeared on 15410 at 0800, then switching to 11750 from 0805-0830.

From Tony LeJohns-FRANCE via SCDXers:

EGYPT: Cairo sked for 9900 is Italian @ 1800, GG @ 1900, and FF 02000. The EE b/c 02000 is now on 9655.

From SCDX (sorry I missed contributor's name, if any):

SEYCHELLES: now in EE to the Mideast, Fridays from 06-07 on 15110 and 17790.

As is obvious from this month's loggings, VO Nigeria seems to have found enough money to resume its External Service. Too bad the audio still sounds as crappy as ever.......also obvious is the increased participation of the rank and file of SPEEDX, and your input is absolutely essential to give the bulletins more columns as informative as those in this month's issue. You know, after I sort your logs, I try to go through and find which countries and frequencies remain unreported. Then I spend the next week trying to dig these stations out to fill up many of the "holes" in the column. Obviously, I'd prefer to spend my dial time looking for things I'd like to hear, and not just doing busy work--so please, keep those logs coming in--no station, time, or frequency is too obvious just because it's easy to hear! Thanks also for all the little notes and letters some of you include with your log strips.

Once in awhile I try to prod you folks into action by throwing in my two cents' worth of opinions...then I hold my breath and wait for the protests to come streaming in (accompanied, preferably, by logs). And this ploy never seems to work, so perhaps I'll just hafta print some incredibly stupid, annoying stuff here to get the rest of you off your good intentions (please don't make me do that--we'll all be sorry once you let me start free-associating in these pages!).

..........Now that I'm through ranting, I'd like to take a moment to let everyone know how much I've enjoyed my first year as Africa Editor. I've made some good radio buddies via SPEEDX, and I look forward to many more enjoyable years in the King of Radio Clubs--SPEEDX! Let's make 1987 a banner year for the club via your support and p.r. work--tell a friend about shortwave radio and SPEEDX!
HEAR AFRICA

Over the next two months, you should, with a lot of planning and a little luck, be able to log many, if not most, of Africa's active shortwave outlets. Although it's impossible to state hard and fast rules about when to listen, there are several safe generalizations:

1) If it's daylight where you are (a 1300-1900 UTC East Coast, 1600-2200 West Coast), you'll hear most of your Afros on the higher bands (31m and up).

2) As the sun sets in your QTH, lo-band condx will open up to your East. This nicely coincides, in winter, with the last few hours of regional broadcasting in Africa on the 60 and 90mbs. Since few 3rd-World regions have thereosources or audience to justify all-night operation, most have left the air by 0000 UTC. As we approach Dec. 21, darkness falls earlier each day in NA, and the 2-3 weeks surrounding that date provide our best opportunities for snagging tropical band rarities from East Africa (to ECNA) and all of Africa (to WCNA) in mid- or late afternoon.

3) Most of NA is still in darkness when the sun rises on Africa. This gives us another good shot at hearing African regionals signing on for their morning broadcasts, between 0200-0700 UTC. Condx at this time also exist for Afros on higher freqs (after 0500 or so), but most of the action is again down on the tropical bands.

4) West Coast DXers have the additional opportunity to DX Africa via long-path (i.e. over a Pacific path) during their early morning hours (1300-1500 UTC or so). East Africans such as Kenya, Mozambique, Zambia, and Tanzania are possible along this path.

5) Since very little African DX is available from 0830-1200 or so, you should be in bed, dummy, it's the middle of the night!

Here then are some tuning suggestions, arranged by hour, to help you get a feel for mid-winter Afro propagation, and, hopefully, boost your country count. Times listed pertain mostly to sites east of the Mississippi. Wherever possible, westerners should add an hour or two to the optimum times listed. None in EE unless specified.

<table>
<thead>
<tr>
<th>UTC Time</th>
<th>STATIONS</th>
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<tbody>
<tr>
<td>0000</td>
<td>BBC Ascension 6005 EE</td>
</tr>
<tr>
<td>0100</td>
<td>Libya 7245</td>
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<tr>
<td>0200</td>
<td>Egypt 9475, 9675 EE</td>
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<tr>
<td></td>
<td>RSA 9580, 6010, 9615 EE</td>
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<tr>
<td></td>
<td>Madagascar 4959.6 irregular</td>
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<tr>
<td>0300</td>
<td>RSA 9585, 7270 EE</td>
</tr>
<tr>
<td></td>
<td>Somalia 7199.9</td>
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<tr>
<td></td>
<td>Burundi 3300 (mix w/Guatemalan)</td>
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<tr>
<td></td>
<td>Comoros 3330.8 (optimum condx)</td>
</tr>
<tr>
<td></td>
<td>Rwanda 3330w (ditto)</td>
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<tr>
<td></td>
<td>Djibouti 4780 (ditto again)</td>
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<tr>
<td></td>
<td>Southwest Africa 3270, 3295</td>
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<tr>
<td></td>
<td>Swaziland 4760</td>
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<tr>
<td>0330</td>
<td>Tanzania 9684, 4825 EE</td>
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<tr>
<td>0350</td>
<td>Zambia 4910 some EE</td>
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<tr>
<td>0355</td>
<td>Botswana 4820 some EE</td>
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<tr>
<td>0400</td>
<td>Lesotho 4800</td>
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<td></td>
<td>SABC 3955</td>
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<td></td>
<td>R. 5, RSA 4880 EE</td>
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<tr>
<td></td>
<td>Uganda 5026 some EE</td>
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<td></td>
<td>RFI Gabon relay 7135 EE</td>
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<td></td>
<td>FEBA 11755</td>
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<tr>
<td>0430</td>
<td>Cameroon 4750, 4795, 5010, 4000</td>
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<tr>
<td></td>
<td>DW, Rwanda 9565 EE</td>
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<tr>
<td></td>
<td>Kaduna, Nigeria 4770</td>
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<tr>
<td>0500</td>
<td>Eq. Guinea 5004v</td>
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<td></td>
<td>Nigeria 7255 EE</td>
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<td>Chad 4920</td>
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<td>0530</td>
<td>Niger 5020</td>
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<td></td>
<td>Ghana 3366</td>
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<td></td>
<td>Burkina 4815</td>
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<tr>
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<th>STATIONS</th>
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<tbody>
<tr>
<td>0600</td>
<td>Mozambique 9618</td>
</tr>
<tr>
<td></td>
<td>Congo 9715 (good luck), maybe 15190</td>
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<td></td>
<td>Ghana 4915 EE</td>
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<td></td>
<td>Guinea 4900</td>
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<td></td>
<td>Ivory Coast 6015</td>
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<td>ELBC Liberia 3255</td>
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<td>Senegal 4890</td>
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<tr>
<td>0630</td>
<td>RSA 9585, 7270, 11900 EE</td>
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<tr>
<td>0700</td>
<td>Algeria 9509v, 9535</td>
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<tr>
<td>0800</td>
<td>Mali 7285.5</td>
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<td></td>
<td>1100 Somalia 9585</td>
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<td>1300</td>
<td>Tanzania 9684</td>
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<td></td>
<td>Mozambique 9618</td>
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<td>1400</td>
<td>Egypt 17745</td>
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<td>1500</td>
<td>Gabon 15200</td>
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<td>1500</td>
<td>Tunisia 17610</td>
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<tr>
<td>1500</td>
<td>Ethiopia 9560 EE</td>
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<td>R. MC, Morocco 13695</td>
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<tr>
<td>1600</td>
<td>Angola 9535 EE</td>
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<td></td>
<td>Japan/Gabon 17785</td>
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<td></td>
<td>Morocco 17595</td>
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<td>VOA Liberia 15600</td>
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<td>1630</td>
<td>Egypt 15255</td>
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<td></td>
<td>Swaziland 9550</td>
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<tr>
<td>1710</td>
<td>Gabon 15475</td>
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<tr>
<td>1730</td>
<td>Zaire 15245 (to 1800)</td>
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<tr>
<td>1800</td>
<td>Mozambique 9618 EE</td>
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<tr>
<td></td>
<td>Nigeria 15120 EE</td>
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<tr>
<td>2000</td>
<td>Libya 15450 poss EE</td>
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<tr>
<td></td>
<td>Algeria 17745 EE</td>
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<tr>
<td></td>
<td>Egypt 9805</td>
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<td>Mali 4834</td>
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HEAR AFRICA (cont.)

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<tr>
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<tr>
<td>2000</td>
<td>5050</td>
<td>Tanzania</td>
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<tr>
<td>2030</td>
<td>5375</td>
<td>Egypt</td>
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<tr>
<td>2100</td>
<td>4976</td>
<td>Uganda</td>
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<tr>
<td>2100</td>
<td>4870</td>
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<td>2100</td>
<td>4750</td>
<td>Cameroon</td>
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<td>2100</td>
<td>4850</td>
<td>Chad</td>
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<td>2100</td>
<td>5010</td>
<td>all EE</td>
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<tr>
<td>2200</td>
<td>2000</td>
<td>Libya</td>
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<td>2200</td>
<td>11815</td>
<td>Burkina</td>
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<td>2200</td>
<td>4815</td>
<td>Canary Isl.</td>
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<tr>
<td>2300</td>
<td>11920</td>
<td>Centr Af Rep</td>
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<tr>
<td>2300</td>
<td>5034</td>
<td>Gabon</td>
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<tr>
<td>2300</td>
<td>4830</td>
<td>Ghana</td>
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<td>2300</td>
<td>3366</td>
<td>Ivory Coast</td>
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<td>2300</td>
<td>4845</td>
<td>Mauritania</td>
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<tr>
<td>2300</td>
<td>4850</td>
<td>Med-Un, Morocco</td>
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<tr>
<td>2300</td>
<td>5015</td>
<td>Zaire (2130)</td>
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<tr>
<td>2300</td>
<td>5047</td>
<td>Togo</td>
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<tr>
<td>2300</td>
<td>12005</td>
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<td>2300</td>
<td>5980</td>
<td>Sierra Leone</td>
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<tr>
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<td>Liberia</td>
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<tr>
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<td>Senegal</td>
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<tr>
<td>2300</td>
<td>4815</td>
<td>Tunisia</td>
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<td>Mauritania</td>
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<td>2300</td>
<td>4820v</td>
<td>Angola</td>
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<tr>
<td>2300</td>
<td>4770</td>
<td>Nigeria</td>
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</tbody>
</table>

Before you fire up that radio, remember, as always, that this kind of info is very changeable. Also, conditions may only favor reception of some of these stations as few as one or two days each year...all you can do is keep on checking as often as you can. You don't need a Racial or Drake to hear these guys, but some may be so weak that any slight advantage you can scrape up (preselectors, antenna tuners, filters, outdoor antennas) may make the difference between noise and a logging.

**Member Want Ads**

Tom Kephart
1510-E Portabella Trail
Mount Pleasant, MI 48858-4035

**NOTE:** Ads are accepted from SPEEDX members only. No retail ads please. Ads are printed on a first-received, first-printed basis for one month only. SPEEDX is not responsible for the claims made by members in these ads, nor for the condition of any merchandise purchased. NO COLLECT CALLS!

**FOR SALE:** Kenwood R-1000, mint condition, $250. Luis M. Méndez, P.O. Box 2129, West New York, NJ 07093. Phone (201) 861-6110 after 0130 UTC.

**FOR SALE:** JRC NR-D-505 with speaker, $550. Icom R-70, $350. Hammarlund HQ-180A with speaker, $125. Kenwood SP-100 speaker, matches R-2000, $25. Bearcat CP2180 computer scanner for use with C-64, $150. All equipment in excellent condition, 1 pay shipping, Speed Gray, phone (616) 675-2153 after 2100 UTC.

**FOR SALE:** Realistic Pre-25 8-channel, 3-band scanner, used two months, two antennas, crystals and batteries not included, $90. I pay shipping, Speed Gray, phone (616) 675-2153 after 2100 UTC.

**FOR SALE:** Info-Tech M-200F CW/RTTY reader with manuals, $299. Drake SPR-4 with 24 crystals covering all LW, MW, and SW broadcast freqs, plus most UTE bands, $335. Also, extra crystals for SPR-4: 4.0, 5.0, 7.5, 8.0, 9.0, 10.0, 12.0, 14.0, 15.5, 25.5, $75 for the set. DC adapter for SPR-4, mint, $9.0. Jim Uerlings, 1437 Pacific Terrace, Klamath Falls, OR 97601. Phone (503) 884-7659 after 0145 GMT.
Twas the night before Christmas and all through the house, not a creature was stirring except...for the dedicated DXer who was straining to hear R. Kiribati’s relay to Kirimitati (Christmas Island). Yeah...I realize that R. Kiribati has been inactive but I picked them as a seasonal example to let all A/0 readers know that this is the best time of the year to hear those elusive stations from the Far East & Pacific. Besides, you never know when an outlet may become active once again.

Before getting into the many fine loggings received this month, I’ll pass along special thanks to the following members who contributed to all 12 A/0 columns this year:

EDWARD BROWN -IL
SENSHU SHIMADA -JAPAN
PETER DILLON -MD
PEGGY THOMPSON -CA
RAYMOND ROCKER -MS
BOB ZIRKELBACH -CA

There were a number of you who only missed one column, including Don Brewer -AR, Ed Soomre -MA and Wm. Westenhaver -QUE and probably a few others as well who deserve special recognition. Now how about all SPEEDXers making a 1987 resolution to send in at least one or two loggings each month to A/0. I’d be tickled pink to have to use half a page in my Dec. 87 column listing those members who contributed throughout the year.

/BANGLADESH/

R. Bangladesh

6240 1853 RB: EE: tlk on Bangladesh economy (443 10/18 Havrilko -UK)
15525 1233 RB: EE: mx, ID as "overseas service of RB", cmt; listed //21631 not hrd (242 10/30 D’Angelo -PA) US & AA mx, anmts, addr & 1300*(444 Twiggs -CT)
21630v replaces 17653, //15525 in EE to SE Asia @ 1230-1300. [Peter Bunn, TALKBACK]

/BHUTAN/

Bhutan Bcast Service

6035 1230 BBS: EE: tlk and mx (211 10/19 Shreedhar -India) first time I have ever received a Bhutan report. Looks like a toughie for NAm listeners if only SIO 211 in India...ed.

/BURMA/

Burma Bcast Service

4725p 1355 BBS: BURMESE: YL tlk; USB Ute QRM (432 10/17 Miller -CA)
4760p 1235 Yun nan PBS: CC: long wined YL; no ID noted; also hrd briefly @ 2305 via long path (222 10/18 Forsgren -WI) mx, OM tlk (232 10/21 Miller -CA)
4785 2103 Zhejiang PBS: CC: CC mx, ID on the hour (433 10/19 Bishop -NY) TX
5800 1046 Xinjiang PBS: UIGHUR: pgm of lcl mx; chime, TP @ 1100, off-key pip into presumed mx (333 10/19 Orr -FL)
6560 1054 RB: CC: mx w/YL ancr; 1055* into RR @ 1100; //9480 (233 10/13 McEntee -TX)
6933t 1219 RB: CC: M w/tlk, orch mx, W w/pgm (333 11/3 Quaglieri -NY)
7350 1145 RB: BURMESE (presumed): OM tlk, CC instl mx; IS & 1156*; WRTH lists both Burmese & Thai w/*1130, but Burmese is listed as ½ hr while Thai listed as hour-long bcast (333 10/10 Westenhaver -QUE) (142 10/16 McEntee -TX)
7820p 1635 RB: RR: OM tlk, orch mx (434 10/21 Miller -CA)
9020 0923 CPBS-2: CC: orch mx, IS & 6 TPs @ 1000, ID by YL, flute mx (252 10/19 Orr -FL) vy weak @ 0900 (131 10/11 McEntee -TX)
9340 2140 RB: RR: YL tlk to ID @ 2155, IS & 2156*; back @ 2200, again in RR; //9290 (242 10/29 Thunberg -PA)
9380 1131 RB: CC: Taipei Svc of vcl mx w/YL ancr (252 10/19 Welch -MA)

/CHINA, PEOPLE'S REP./

R. Beijing; Cent. People's Bcast Sta

4760p 1235 Yun nan PBS: CC: long wined YL; no ID noted; also hrd briefly @ 2305 via long path (222 10/18 Forsgren -WI) mx, OM tlk (232 10/21 Miller -CA)
4785 2103 Zhejiang PBS: CC: CC mx, ID on the hour (433 10/19 Bishop -NY) TX
5800 1046 Xinjiang PBS: UIGHUR: pgm of lcl mx; chime, TP @ 1100, off-key pip into presumed mx (333 10/19 Orr -FL)
8040 1123 RB: YL ancr; 8050* into RR @ 1130; //9480 (233 10/13 McEntee -TX)
8940 1320 RB: CC: YL ID, mx, ORR (242 10/29 Thunberg -PA)
CHINA cont.

9440 1935 RB: EE: ID, world mx; hvy jamming (422 10/18 Havrilko-UK)
9455 1430 RB: TAMIL: mx, tlk abt Beijing Univ. (544 10/16 Shreedhar-India)
9535 1115 RB: EE: intvw w/hotel mgr (444 10/10 Fraser-MA) THE THIRD WORLD pgm, CC mx (353 10/8 Uetake-JP) MUSIC FROM CHINA pgm (434 11/8 Richmond-MD)
1200 RB: CHINA ANTHOLOGY, MUSIC ALBUM pgsms (433 10/26 Alexander-NJ)
9550nf *0000 RB: EE: IS & s/on anmts; replaces 15445 for D86-bad choice since under co-channel R. Habanna in SS (222 11/3 Westenhamer-QUE)
9645 1211 RB: EE: mx abt China, cmtly on aid to Contras; //9535 tho not and as for ECNA (343 11/2 Westenhamer-QUE) Bill, I believe this freq is for ECNA-RB sometimes sticks in an announced freq; they were on 9730 to WCNA a long time before listing it...ed.
9730 1300 RB: EE: IS, mx, tlk abt Long March (444 10/22 Pike-NM)
9750t 0808 NEI Menegu PBS: CC: YL tlk, CC mx, echo (Long & short path?) (333 10/21 Havrilko-UK)

9800 1019 CPBS Kunning: CC: YL tlk, some mx; muffled voice & QRN (353 10/3 Donegan-CA)
9945 1020 RB: CC: OM & YL tlk, to SE Asia (353 10/3 Donegan-CA)
11000p 0838 CPBS-2: CC: Taiwan svc of all tlk (151 10/19 Orr-FL)
11040 0040 CPBS-2: CC: radio drama w/sound effects (233 10/12 Rocker-MS)
11330 0115 CPBS-1: CC: vcl mx w/YL ancr (233 10/26 Rocker-MS)
0829 CPBS: instl CC mx, TLY tlk into pgm of orch mx (151 10/19 Orr-FL)
11505 0108 CPBS-2: CC: mx drama w/lots of singing; //12200, 11040 (343 Rocker-MS)
11515 2130 RB: JJ: YL tlk, mx; unid co-channel QRN (332 10/14 Miller-CA)
11600 1645 RB: EE/CC: CC lang lesson; organ mx, sked & 1656* (333 10/13 Zirkelbach-IN)
11650 1245 RB: EE: LETTERBOX on opera studies in China (433 10/12 Curtis-CN)
11655 1645 RB: CC E2L mx, OM tlk (333 10/21 Preston-CA)
11675 1540 RB: NEPALESE: Indian/Nep. mx, tlk, ID "Yo R. Beijing Ho" & 1555*; //9900 (vy gd 10/20 Sheedy-CA)
11735 1130 RB: RR?: IS, ID into pgmam (131 10/16 Orr-FL)
11755 0907 RB: EE: ANZ svc of string mx, IDs (242 10/19 Orr-FL)
15100 2320 RB: SS: CC mx, "Aquí R. Pekin" Tds (343 10/24 Prath-FL)
15120 2331 RB: SS: "China Construje" w/tlk on Shenzhen Special Economic Zone; brd //s 15180, 15445, 15600 (343 10/10 Westenhamer-QUE)
15165 0000 RB: HAKKA: IS, IDs "Beijing guangbo dientai", mx; // 15330 (333 10/13 Rocker-MS)
15445 001 RB: EE: nx, cmtly on visit by Queen Elizabeth (10/17 Levison-PA) (433 10/1 Langlois-FL) (444 10/21 Harnish-IN) (354 10/13 Rocker-MS)
0315 RB: CC: IS, IS, mx, "Beijing guangbo dientai", mx; // 15330 (333 10/13 Rocker-MS)
15450 0250 RB: SS: W reading short story w/instl mx; ID & sked for LAm & Spain, //15000, 15120 (good 10/23 Sheedy-CA)

/CYPRUS/ British Bcast Corp Relay
7135 0215 BBC: EE: RADIO NEWSREEL; this freq carries alternate pgm for SAsia at DI45-0200 and 0215-0230 (333 10/25 Westenhamer-QUE)
7160 0400 BBC: EE: NEWSDESK (433 10/16 Thompson-CA) mx requests, Waf poetry (333 10/8 Neff-Oh)

/INDIA/ All India Radio
7412 2222 AIR Delhi: EE: ID as "Oversea Svc, New Delhi" (343 Twiggs-CT)
7909 2130 AIR Delhi: EE: film mx, mx @ 2200 (333 10/7 Forsgren-WI)
11620 1920 AIR Alligator: EE: lcl mx, YOUTH IN FOCUS, mx @ 2000 (343 10/11 Gerstner-CT)
2205 EE: mx, cmtly on S. African sanctions (333 11/1 Prath-FL)
11725 1033 AIR Delhi: EE: tlk on winter sports in India; Indian Press Review, mx headlines & 1100* (332 11/1 Welch-MA)
15335t 1427 AIR Alligator: UNID: solid Indian mx to 1445 (332 10/10 Neff-Oh) don't confuse w/Morocco...ed.
17875 1000 AIR Alligator: EE: mx, cmtly, Indian mx (343 10/3 Uetake-JP)

/INDONESIA/ Radio Republik Indonesia
4719 1157 RRI Ujung Pandang: IN: W w/anmt; mx w/Mid East flavor; SCI & YL (fair 11/3 Witte-CA) Please don't confuse "SCI" with "Love Ambon" as they are separate melodies. SCI is played on what sounds like a cajon usually before mx beasts and Ambon is played on a kerongcong (sounds like Hawaiian steel guitar) and is the lovely song played at s/off. I believe this info to be correct and would appreciate any info to the contrary from the membership (Bryan Sharpe-where are you?).
INDONESIA cont.

7270 1006 RRI Jakarta: IN: nx by YL, ID, anmts, pop mx (322 10/19 Orr-FL)

11790 1545 V. of Indonesia: EE: lcl mx w/YL ancr; full ID @ 1554 into GG lang
(333 10/22 Zirkelbach-CA)

V. of Indonesia: EE SKED: 0100-0200 on 9680; 0800-0900 & 1500-1600 on 11790, 15150.
[Alfred ?, W. Germany on SCDX]

RRI Manado: hrd on 5980, ex-5987 at 1000. [Arthur Cushing, SCDX]

RKIP Surabaya: hrd on 4699 kHz from 1442 w/Jakarta nx @ 1500; listed on 2377, 3976,
6120 kHz. [Ed Kusalsik, SCDX]

V. of the Islamic Republic of Iran

9022 1953 VOIRI: EE: cnty on Afghanistan, mx, wld nx (454 10/11 Hesch-NY) vy low
mod. tlk w/fanfare, flute mx (342 10/18 Havrilko-UK)
2154 AA: tlk under hvy Iraqi jamming (342 10/28 Bush-OH)

15084 1138 VOIRI: EE: denunciation of Arab leaders who negotiate w/Israel (343 10/9
Westenherger-QUE) nx & cnty (544 10/22 Shreedah-India)

IRAN

R. Baghdad Sawt ul-Jamaheer

9770 0135 SuJ: AA: drama pgm, ID, Call to Prayer, AA mx; TPs @2000, nx, Qur'an
recitation (333 10/26 Dillon-MD)

11750 0125 RB: EE: AA mx, tlk on Iraqi Art Festival (344 10/23 Wright-MB) RB must
use this freq on sporadic basis now as I haven't hrd them here for a
long time... ed.

13650 1913 SuJ: AA: cnty abt Syria, anmts, ID, mx (443 10/15 Orr-FL) // 13700 that
is jammed (453 10/22 Bush-OH)

13700 2000 SuJ: AA: cnty abt Iranians, mx (433 10/22 Harnish-IN) Herb says he tapes
these boasts for an Arab speaking friend who says a lot of their claims
should be taken w/a grain of salt!

15120 1859 RB: FF: NA, ID, anmts into ME mx (344 10/19 Rocker-MS)
2112 EE: War Communiqué #2411 (!) (333 10/21 Westenherger-UK) (211 Forsgren-WI)
2240 EE: AA mx, cnty on war w/Iran; QRN (333 10/19 Prath-FL)

15300 1400 RB: YL: AAC mx w/AASON mx; nx @ 1500 (252 70/7 Donegan-CA)

R. Baghdad: as of 23 Oct, running its sked one hour later than listed on 15120, FF @1900-2000, GG
@2000-2100, EE @ 2100-2300. [Andy Sennett, MEDIA NETWORK via Wm. Westenherger]

ISRAEL

Kol Israel

5885 0003 KI: EE: nx of Israeli plane downed in Lebanon (433 10/20 Bishop-NY)
7465 0010 KI: EE: nx of Peres/Shamir switch (433 10/20 Wakefield-IA) pop mx (422
10/28 McEntee-TX)
*0200 EE: nx, CALLING ALL LISTENERS (444 10/27 Dillon-MD)
9009 2225 KI: EE: nx of downed Israeli fighter; //9435 (333 10/18 Prath-FL)
9012h *0200 KI: EE: nx read by Rubin David Miller; andc as replacing 9009; hrd //
9435, 7465, 5885 (222 11/2 Westenherger-QUE)

9435 0000 KI: EE: wld mx & cnty (444 10/1 Langlois-FL) (333 10/16 Miller-CA)
0233 SS: Syria denies charges by Great Britain (333 10/26 Grosvenor-CA)
2021 EE: tlk on tours to various parts of Israel (444 10/6 Neff-OH)
2230 EE: tlk on banned US basketballer (545 10/29 Robinson-FL) mx, cnty, &
sports (443 10/8 Neff-OH)

12075 2005 KI: EE: world nx, ID (343 10/2 Hesch-NY)
17710 1400 KI: RR: IS to 1400, then heavily jammed (343 10/18 Rocker-MS)

JAPAN

R. Japan

5990 1508 RJ: EE: wld nx, CURRENT AFFAIRS, ASIA NOW (544 10/21 Miller-CA)
9675 0015 RJ: EE: DX CORNER incl review of winter pgms on RJ (444 10/20 Valentine-
0720 EE: JJ pop mx, DX CORNER, into JJ @ 0800 (444 10/19 Zirkelbach-CA)
11955 0700 RJ: EE: business nx (444 10/27 Lord-CIA)
15235 2330 RJ: EE: wld mx; some fading (332 10/13 Miller-CA) (10/6 Levison-PA)
17755 2218 RJ: JJ: wld mx; LAM style mx sung in JJ (444 10/21 Preston-CA) intyw,
ID "Hochirun Rajio Nippon NHK", beamed to SAm & //15235 to SE Asia
(343 10/9 Westenherger-QUE) pop mx, ID & 2300* (354 Rocker-MS)

11815 1715 RJ: EE: tlk on making wood pliable as rubber (433 10/22 Zirkelbach-CA)
out of order, sorry... ed.

17825 0200 RJ: EE: mx to Nam; not usually hrd in ECNA; // 15195, 15420 (222 10/24
Soomre-MA) (221 10/10 Bishop-NY)
R. Japan reported on 6120 kHz between 1030 & 1130 is via RCI xmtrs in Sackville Canada; RJ at 2300-0000 on 9645 is via Africa #1 xmtrs in Gabon.

KAMPUCHEA: VOPK Sked: 5035 (new freq) // 6090 @2300-0030; 5035, 6090, 9695 & 0430-0630; 5035. 6090 @1100-1415. [Sarath Weerakoon & Peter Bunn, TALKBACK]

/KOREA, DEM. PEOPLES REP.7 Korean Cent Beac Stn R. Pyongyang

6250p 0917 KCBS: KK?: choral mx ppm; 0930* w/out ID or anmts (252 10/25 Welch-MA)

9345 1401 RF: FF: YL tlk, vc mx (353 10/4 Donegan-CA)

2034 EE: ID, ppm of choral mx beamed to Europe; must be long path-surprised to hear this early in winter (242 10/10 Westenhaver-QU)

9715 #1260 RF: EE: nx of Kim Il Sung mtg w/foreign guests (232 10/10 Westenhaver)

9960 1205 RF: SS: nx, ID; surprised to find this freq //9977; some Ute QRM (243 10/19 Westenhaver-QUE)

9977 1145 RF: EE: ID, martial mx (242 10/9 Twiggs-CT) CA

1700 RF: EE: "Korean Economy in Progress"; /13650; into SS @0000 (gd 10/9 Sheedy-CA) cmtty on US/S.Korean war prearations (322 10/19 Richmond-MD)

13650 2333 RF: EE: usual dry cmtty & martial mx (332 10/14 Twiggs-CT) tlk of US imperialism (444 10/20 Valentine-CA) tlk on Seoul Olympics (Zirkelbach) & nx & cmty to LAm; // weak-er but clearer 15160 (322 10/19 Rocker-MS)

As I type this, come word that the "Great Leader" Kim Il Sung has been assassinated, though N. Korea has, as yet, not confirmed this.

/KOREA, REPUBLIC OF/ R. Korea

7277 1370 RK: SS: nx & cmtty to LAm; ARO & Ute QRM (444 10/20 Miller-CA)

7550 1802 RK: KK: KK mx, YL tlk w/ments of Asia & America (444 10/20 Miller-CA)

9570 0600 RK: EE: tlk of Korea/Japan trade; info on Folk Arts Festival (444 10/17 Zirkelbach-CA)

1444 RK: EE: KK lang lesson; YL tlks of trad. KK mx (443 10/13 McNeill-AL)

9750 1400 RK: EE: nx-Gorbachev calls for withdrawal of US troops from Korea (333 10/25 Brewer-AR) KK mx, SHORTWAVE FEEDBACK (222 10/12 Gerstner-NY) lots of sports news (454 10/4 Donegan-CA)

1300 RK: probably them w/tlk, pop mx (354 10/18 Rocker-MS)

15575 0021 RK: EE: MAGAZINE ppm incl report that 8-9 Nov is Korean Day at Disney-Land (343 10/27 Brown-IL) nx & cmtty (444 10/15 Miller-CA)

/KUWAIT/ R. Kuwait

9840 2045 RK: AA: tlk abt publishing, ID, nx @2100 (433 10/6 Dillon-MD)

11675 1815 RK: EE: pop mx, TPs @1830 into nx & mx (333 10/11 Forsgren-WL) tlk on Kuwait housing problems (444 10/18 Havrillo-UK) POINT OF VIEW ppm (454 10/23 Bush-OH) pop mx (443 10/15 Neff-OH)


15405 1256 RK: AA: OM tlk, ID @ 1259, sked & nx; splash from Finland-15400; // 15495 (322 10/7 Westenhaver-QUE)

LAOS: LAO National Radio Ext Svc currently on 7113 kHz w/EE @0100-0130 & 1330-1400. [Sarath Weerakoon, TALKBACK]

/LEBANON/ V. of Lebanon

6549 0218 VOL: AA: YL tlk, mx; ID by OM; hvy QRM (323 10/5 Trotto-FL)

/MALAYSIA, EASTERN/ R. Malaysia

4950 1205 RM-Kuching: CC: nx to 1210 into ppm of tlk & pop mx (343 10/18 Rocker-MS)

/MALAYSIA, PENINSULAR/ R. Malaysia

7295 1120 RM: CC: tlk w/ment of Kuala Lumpur; ID @ 1030 (333 10/24 Trotto-FL)

9750 030 v. of Malaysia: EE: request ppm of pop mx; //15290 (444 10/23 Shrederhar)

/MONGOLIA/ R. Ulan Bator

12015 1201 RUB: EE: IS, ID, sked. Nx by W ancr; QRM de USSR on 12010 + 12020 (332 10/9 Twiggs-CT)
/PAKISTAN/  British Bcast Corp Relay

9605  1350  BBC: BENGALI: nx, "BBC London" ID & ment of "Bangla"; site per WRTH (253 10/15 Westenhaver-QUE)

9609  1230  PBC Quetta: BENGALI: nx, "PBC Quetta" ID & ment of "Khmer"; site per WRTH (253 10/15 Westenhaver-QUE)

/R. Pakistan/

4790.7  1750  Azad Kashmir Radio: URDU/KASHMIRI: OM ttlk w/ment of Pakistan; chants (342 10/17 Havelriko-UK)

4879  1245  PBC Quetta: URDU/EE: nice Pakistani mx; OM w/clr ID then YL in EE w/ sunrise time; TPs on the hr (222 10/19 Forsgren-WI) excellent Ray..ed.

9455  1654  RP: EE: Pak. mx, ID, TPs, TC & nx (242 10/25 D'Angelo-PA)

1730  1730  EE: report on cost of cars in Pakistan; lcl mx, sked & end of EE xmsn @ 1744 (232 10/11 Gerstner-NY)

9464  2000  RP: FF: Press review; FF pop mx; s/off annts, ID, addr & 2015*; off nom. 9465, bassy mod. (343 10/17 Westenhaver-QUE)

9465  1931  RP: FF: lcl nx, FF pop mx, IDs, sked & 2015* (252 10/15 Orr-FL)

17660v  1110  RP: EE: nx in slow EE; ttlk on test ban treaty (454 10/22 Havelriko-UK)

1415  1730  URDU: sitar/tabla mx, pop mx; no ID hrd but pretty sure it's them (433 10/15 Orr-FL)

1600  1600  EE: lcl TC, GMT TC, ID, sked into nx (343 10/8 Twiggs-CT)

/PHILIPPINES/  V. of America  R. Veritas Asia  Far East Bcast Co

6110  *1100  VOA: EE: world nx (252 10/25 Welch-MA) "Issues in the News" w/report on Reykjavik summit (242 10/5 Westenhaver-QUE)

1705  1705  EE: wld nx, NEWSLINE (433 10/20 Miller-CA)

6160  1300  RVA: CC7?: possible test xmsn of 250 kw xmt (433 10/21 Shreedhar-India)

9540  1532  RVA: MONGOLIAN: OM ttlk, relg mx, ID; 1555* (544 10/16 Miller-CA) Bill reports that EE from RVA @ 1500 is now on new 9710.

9615  2315  VOA: IN: country mx; s/off @2330 w/EE ID (142 10/31 McEntee-TX)

11850  0430  F BBC: EE: Asian nx, ENGLISH NOW, SOUNDWAVES pgnms; // better 15350 (fair 10/19 Shimada-JP) ton-CA)

11920  1605  VOA: EE: EAF Svc of nx & report on IBM Leaving S.Africa (344 10/21 Pres-

15290  2325  VOA: EE: Science nx, VOA SATURDAY (222 10/9 Brown-IL) special report on death of Mozambique president (333 10/20 Preston-CA)

15350  0530  F BBC: EE: nx, mx, OPERATION FRIENDSHIP w/names & ads for pen pns; 0600* (433 10/27 Zirkelbach-CA)

15430  2305  F BBC: EE: feature on matchmaking in Singapore; request for listener comments; mx @2330; XERMX ORM (fr 10/6 Sheedy-CA)

17740  2332  VOA: EE: nx in special EE; VOA MONDAY MORNING (354 10/12 Rocker-MS)

/SAUDI ARABIA/  Bcast Svc of the Kingdom of Saudi Arabia

9720  1627  BS KSA: EE: nx, ID "This is Riyadh"; ISLAM-A WAY OF LIFE pgn (333 10/13 Twiggs-CT) 1st report of EE bcast from S.Arabia in long time...ed.

9870  2245  BS KSA: AA: Qur'an recitation; ID & 2300* w/NA (fr 10/18 Shimada-JP)

9885  2205  BS KSA: AA: relay of RS; covered by SR1 IS @ 2210 (332 10/12 McEntee-TX)

15060  1847  BS KSA: BAMBARA: OM w/tlk of Mid East; anmts, song (NA?) & 1853* (354 10/19 Westenhaver-QUE) Bill passes along some info about the Bambara lang which he believes is spoken in Mali & Senegal. As a whole, it sounds like a normal Afro lang but some words are borrowed from FF including place names (i.e. Etats Unis); years also in FF.

/SINGAPORE/  British Bcast Corp  Singapore Bcast Corp

9740  1516  BBC: EE: part 3 of "I Claudius" drama; sked TC into wld nx @ 1600 (444 10/31 Thompson-CA) cmty on terrorism, rock mx; also hrd 0900-1100 on 9710 kHz (353 10/2 Donegan-CA) (243 10/15 Westenhaver-QUE)

11750  1330  BBC: EE: DEVELOPMENT 86; QRM de RCJB (252 10/29 Westenhaver-QU) RADIO NEWSREEL (242 10/19 Wright-MB)

11940  1545  BBC: EE: suulty-voiced YL ancr w/pop & oldies mx; TC @ 1600 as 12 midnight, nx, lcl wy & 1603* //5052 (333 10/20 Zirkelbach-CA)(Preston-CA)

17710  0001  BBC: EE: wld nx, TC, Nx abt Britain (344 10/21 Preston-CA)

/SRI LANKA/  Deutsche Welle  Sri Lanka Bcast Corp  V. of America

6170  1610  DW: EE: NX PANORAMA; //7200 & 1548 MW (544 10/22 Shreedhar-India)

9720  1405  SL BSC: EE: NOW MX USA, TC, ID: relg pgn (332 10/14 Forsgren-WI)

15395  1800  VOA: EE: ENCOUNTER, nx in special EE; BBC QRM (222 10/12 Gerstner-NY)
R. Damascus

12085 has not been used for EE lately but may be back by the time you read this. They still use the freq for AA @ 1400, though it is bothered by an Iraqi-type bubble jammer.

V. of Free China

9560 *2300 VOT: EE: nx, Review of Turkish Press, Turkish mx (434 10/12 Wakefield-TA) (333 10/14 Gerstner-NY) (Brown-IL) (Langlois-FL) (Neff-OH) DX pgm hrd @ 2325 (444 10/4 Brewer-AR)
0400 EE: nx, Press Review (333 10/26 Richmond-MD)
0048 AA: AA & Turk. mx; QRN (434 10/23 Miller-CA)

V. of Turkey

9600 *1200 R. Tashkent: EE: anmts, sked. lcl TC for 1800, nx; hrd only because RM via Cuba mistakenly on 9500 today (343 10/16 Westenhaver-QUE)
9665 1900 R. Afghanistan: EE: caught ID & start of nx, then covered by co-channel stn (111 10/11 Forsgren-WI)
9675 1616 R. Tashkent: AA: all tk; don’t confuse w/Tunisia (353 10/2 Donegan-CA)
9705 1630 RM Vladivostok: EE: OM ancr w/pop mx (353 10/2 Donegan-CA)
9875 0022 RM (Unid site): EE: cmy from Pravda; flutterly sig. (232 Robinson-MS)
11705 1635 RM Khabarovsky: RM: CRR, tk; pop mx: Mariner’s svc to Pacific; //7370 (444 10/11 Preston-CA)
11710 1345 RM: DARI/PUSHTU: ME mx; W tk in pres. Dari @ 1358 into pres. Pushtu lang pgn (343 10/13 Quaglieri-NY) site is poss. Tula-ERSFSR...ed.
11795 1200 R. Tashkent: EE: tk on Young Communist League (444 10/29 Robinson-TN)
11920 0157 RM: Makov-Novosibirsk: RR: orch mx; IS, TP, nx (343 10/26 Rocker-MS)
13645 2303 R. Vilnius: EE: intvw w/Lithuanian people abt Reykjavik summit (343 10/9 Westenhaver-QUE) presumed FE xmr site
0250 R. Yerevan: EE: tk of Norwegian Antarctic explorer; //11790, 15180 (343 10/24 Soomre-MA)

R. Tashkent: Wm. Westenhaver monitored the following sked from Tashkent on 2 Nov @1200: 11785, 9600, 9540, 7275, & 5945 kHz. He reports he also hrd them on 7295 kHz at a good level, but bothered by ARO QRK.
UNITED ARAB EMIRATES

4905p 1948 V. of UAE-Abu Dhabi: AA: male vcl mx, unclear ID @ 1958, brief tlk & abrupt 1959* (252 10/22 Quagliieri-NY)

7105 *0330 RD: EE: TPs, lcl TC, wld nx to Nam; ARO QRM (333 10/30 Thunberg-PA)

9640 0315 RD: AA: TPs, ID, nx abt Syria; // 11940 (544 10/19 Orr-FL)

15320 1604 RD: EE: pgm on AA lang & Middle Ages; 11955 only // hrd (444 10/8 Twiggs-CT)

17775 1330 RD: EE: nx, MAILBAG pgm (333 10/25 Wright-MB) closing anmts & into AA @ 1406 (344 10/18 Rocker-MS)

11430 AA: tlk & AA mx till 1455* (433 10/23 Harnish-IN)


VIETNAM

10040 1330 VOV: EE: tlk on "International Year of Peace" (322 10/27 Zirikelbach-CA)

1600 EE: "NX in Detail"; tlk on electric power plant, mx, VIETNAM TODAY (322 10/24 Zirikelbach-CA)

1915 EE: ID, pgm of vcl mx (444 10/18 Havrilko-UK)

CLANDESTINE

17181 1100 Bizim Radyo (?): TURKISH: IS, ID as "Borisà Bezin Radio"; this freq is shared w/V of the Turkish Communist Party (333 10/13 Soomre-MA) acc. to item in July 86 FRENDX LISTENERS NOTEBOOK, Bizim Raydio (Our Radio) is closely linked to V. of Turk, Communist Party and is aired on 11818@ 1000 & 1100. Beasts are believed to emanate from the German Democratic Republic. Other freqs given were 6200 & 9584. [WRI]...ed.

V. of the Mountain: controlled by the Druze community in Lebanon has been hrd on 6052 kHz // 1080 MW between 1830 & 2000 hrs. [BBCMS on SCDX]

UNIDENTIFIED ASIANS

2317 1740 OM w/tlk in Unid lang I've never hrd before (short syllables)-Indonesia? (141 10/17 Havrilko-UK)

15285 1400 Instead of usual R. Portugual, have hrd a Mid-East-sounding station playing AA mx w/YL anc; signal gradually weakened until barely audible @ 1450 when Portugal finally signed on. Qatar is listed for an earlier time slot on this freq. (Atkins-GA)

OCEANIA

R. Australia

2310 1118 VL8A-Alice Springs: EE: request pgm of C&W mx; // VL8T on 2325 at same level but more QRM; 1125 f/out (244 10/14 Twiggs-CT)

4920 1208 VL64-Brisbane: EE: ABC nx w/item on Nicaragua (252 11/5 Quagliieri-NY)

5995 0820 RA: EE: PNG Svc of C&W, pop mx; nx @ 0830 (343 10/29 Shaffer-PA)

1000 EE: song "The Melbourne Cup"; tlk on Star Wars (545 10/23 Robinson-TN)

1150 EE: "Music of RA"; no sign of WHRI today; // 6060 (344 Westenhaver-QU)

1258 EE: hrd after WHRI left freq; nx, rock mx (333 10/11 Dillon-MD)

1400 EE: nx of crisis onboard Russian sub on fire in Atlantic (10/5 Brewer-AR)

6060 1150 RA: EE: INTERNATIONAL REPORT; co-channel QRM de R. Habaia until 1200 (433 10/11 Dillon-MD) tlk on immigration (444 11/5 Richmond-MD)

6080 0805 RA: EE: "Songs From R.A." pgm, OM anc w/hvy PNG accent (333 Forsgren-WI)

7205 1235 RA: EE: lcl nx, cricket scores (343 10/18 Rocker-MS) (Svensenden-Norway)

7215 1400 RA: EE: nx of America's Cup "hell bent on revenge" (543 10/24 Robinson-CA)

9580 1400 RA: EE: referendum on independence of New Caledonia (444 10/25 Wright-MB) C&W mx, "Straight from the Heart" health pgm (544 10/21 Thompson-CA) TALKBACK @1400-new time-tlk on sunspots (454 10/19 Welch-MA)

intv w/Aborigine Professor (10/22 Robinson-TN) (Fraser-MA) (Neff-Ohio) (Alexander-NJ) (Dillon-MD) (Miller-CA) (Brown-IL)

9610 1415 VL99-Perth: EE: pgm of movie mx scores (333 11/1 Curtis-TN) ID, TC, lt-class mx (244 10/15 Westenhaver-QU) SUNDAY SUPPLEMENT (344 11/2 Richmond-MD) old time mx (232 10/18 Gerstner-NY) ABC nx (Wakefield-IA)

9645 *1227 RA: IN: IS, "Inilah R.A." ID; co-channel Peace & Progress in CC (322 10/18 Westenhaver-QUE)

9680 0800 VL80-Lyndhurst: EE: ABC nx, "Comics of Reknown" pgm (343 10/11 Forsgren-WI)

45
AUSTRALIA cont.

9710 0940 RA: EE: rock mx; into JJ @ 1000 (453 10/3 Donegan-CA)
9760 0915 RA: PD: Polynesian mx, drums; RA nx-PNG Svc (242 10/11 Forsgren-WI)

15320 2200 RA: EE: INTERNATIONAL REPORT on Iceland Summit (433 10/12 Curtis-TN)
2245 EE: tlk on books (433 10/19 Valentine-CA)
15395 2105 RA: EE: wld nx; severe QRM on station on 15400-VOA? (322 11/18 Thunberg-PA)
17750 0400 RA: EE: wld nx, INTERNATIONAL REPORT (454 10/5 Uetake-JP)
17795 2350 EE: tlk w/doctor on aging process; nx @ 0000 (434 Westenhaver-OU)
0050 EE: letters to Editor; report on Children's Day (344 10/31 Preston-CA)
0201 EE: nx & cmy on Iceland Summit (444 10/10 Watson-FL) nx of S. African boycott (333 10/3 Stephenson-CA)

/GALAPAGOS ISLANDS/

4810t 0210 L V de Galapagos: SS: SS vcls, amnts by OM; too weak for positive ID; lost @ 0233 (vy pr 10/14 Welch-MA) Yeah I realize that this should be included in the LAm column, but it was sent to me by mistake and too late to pass along to Carl H. Besides, the WRTH includes the Galapagos in their Pacific section, but I'll let Carl have it-Hi...ed.

/GUAM/

9820 1409 KTWR: TAMIL: mx & tlk to India; sked 1245-1445 (454 10/1 Donegan-CA)
9870 1259 KTWR: EE: s/on w/ID, addr: Radio Bible class (232 10/26 Gerstner-NY)
1400 EE: sermon, letters from listeners, nx (444 10/26 Zirkelbach-CA)
11735 0743 KTWR: EE: IS, TOUCH THE TRUTH relg pgm (444 10/21 Havrilko-UK)

/MARIANA ISLANDS/

9665 1600 KYOI-Saipan: JJ;EE;still here w/rock mx (433 10/22 Zirkelbach-CA)
(353 10/2 Donegan-CA)
11900 1015 KYOI: rock mx, ID (454 10/14 Uetake-JP) hvy QRM (422 10/25 Miller-CA)
15190 0737 KYOI: EE/JJ: "Super Rock " ID, Genesis mx (353 10/2 Svendsen-Norway)
15305 0100 KFBS-Saipan: EE/TELUGU: EE ID into Telugu pgm (gd 10/9 Sheedy-CA)
15405 2229 KYOI: EE: rock mx, ID; gone by 2240 (232 11/1 Westenhaver-QU)
17775 0145 KFBS: INDIAN LANG: relg pgm w/prayers & hymns, addr; 0215* w/EE ID (good 10/19 Shimoda-JP)

/NEW ZEALAND/

11780 0455 RNZ: EE: EZL mx, lcl TC, nx (333 10/21 Preston-CA) (333 Langlois-FL)
15150 1930 RNZ: EE: nx of ½ million dollar jewel robbery, wx (333 Zirkelbach-CA)
0532 EE: lcl nx & wx; TC as 6:35pm; lt pop mx (233 10/30 Preston-CA)

/PAPUA NEW GUINEA/

3260 1255 R. Madang: PD: C&W mx, TC; promos & listener's letters; clr ID & into US pop mx (222 10/25 Forsgren-WI)
3355 1245 R. Simbu: PD: lcl vcl mx, ment of "Kundiawa": new freq, ex-2376; Ute QRM (111 10/25 Forsgren-WI)
4890 1132 NBC Port Moreby: EE: soft rock mx, many TCs; ID @ 1200 into nx; QRM de Canadian fishing fleet on 4888.5 (333 10/29 Soonee-MA) (432 Miller-CA)

/SOCIETY ISLANDS/

R. Tahiti

11825 0516 RT: FF: Polynesian & FF pop mx, ID (444 11/2 Preston-CA) nx in FF and Tahitian (423 10/25 Miller-CA) (222 10/10 Stephehnson-CA)
1620 FF: island mx, phone calls, tlk; hvy WYFR QRM (433 10/21 Thompson-CA)

A few final items: PJ Allen-CA sent in an article from the 14 Oct issue of the PENINSULA TIMES TRIBUNE relating reports of a pirate station that was hrd in Israel during Yom Kippur. The clandestine stn, called itself "R. Yom Kippur" was hrd for about two hours in the Tel Aviv area and appeared to be the latest broadside in a running battle between secular & ultraorthodox Jews over public religious observance. No mention as whether the stn was on SW or MW. PJ wonders if any connection to Abe Nathan's "V. of Peace"...Here's a Christmas present for all DXers: seems as if Kim IL Sung is still alive after all, so we can expect more interesting (!) pgms from R.Pyongyang. As for me, I'd rather find a lump of coal in my stocking! Anyway I hope you find that new receiver or other SWL item under your tree. Wishing you all a happy & safe holiday,

73s & MERRY CHRISTMAS,
E kono mai again and Mele Kalikimaka (Merry Christmas). DX time this month has been curtailed by a lack of juice, as I am solely on solar power and the batteries went flat, and stayed flat, due to rainstorms. Still, there is plenty to report.

To those who have asked about the topography of my location, I am at about 300 ft. above sea level, on a fairly flat lava plain with thin soil on which I grow bananas and papayas, avocados and especially pineapples (just planted 700). I have horizon blockage to the northwest (Honolulu and Japan). This is the best location in Hawaii for medium wave reception of South America.

**ALASKA**
- 1557 KVOK Kodiak: EE: Star-Spangled Banner, s/on, "Alaska's Flag", into ABC news (good on my northeast Beverage 11/2)
- 1600 KSRA Petersburg: EE: 55B, s/on, intg meditation (good 11/2)
- 1600 KMET Valdez: EE: local temp. 42°, humidity 100%, 10, into NPR "Morning Edition"; // KYUK Bethel-640 (fair 11/3)

**ANTIGUA**
- 0600 BBC Relay: EE: World Service s/on, nx; runs till 0815, replaces former UK transmitter on 9640; Antigua 9510 now only 0430-0545. Moved perhaps to avoid RRI Ujung Pandang & jammer on 9510 (gd 11/11); // usual 5975

**AUSTRALIA**
- 1143 1600 ZHD Mayfield, NSW: EE: nx, wx, max. temp. 36°C; "You're in tune w/ Stereo ZAO" into rock; QRM IYW Hamilton, NZ (fair 10/29)

**AUSTRIA**
- 1800 ORF: GG: list freq's, nx (good 11/11)

**CHINA**
- 1740 Haixia L, Fujian: CC: "Roll Out the Barrel" in CC; a far cry from the militaristic programming this ex-frontline station used to carry (good 11/11)
- 9600 1700 R. Beijing: RRI "Govorit Pekin", s/on, nx; // 9640, 9650, 9765 (all good but QRM on 9650, 11/14)

**COLOMBIA**
- 1370 0600 HJXX R. Mundial, Bogotá: SS: ID "R. Mundial, ACN"; "Choose your favorite bolero" contest (good on southeast Beverage 10/29)

**ECUADOR**
- 0400 HCVE4 LV de Esmeraldas: SS: Ecuad. guitar melody, Andean (gd 10/29)

**EQUATORIAL GUINEA**
- 1700 Serv. Intl. de Radio: SS/EE: lengthy national anthem, 1704 s/on, Servicio Internacional de Radio de República de Guinea Equatorial. En el programa escucharán noticias, música de Guinea Equatorial, música europea y americana, y por supuesto los programas religiosos de la compañía..." straight into EE (gd 11/14)

**FIJI**
- 0948 R. Fiji One, Labasa: EE: end BBC nx relay, tune check "12 to 10", into light max 0925 dead air, 1000 Fijiian chorus; // 558, 1206 (good on Central Pacific Lsouth direction) Beverage 11/8)

**INDIA**
- 1705 AIR Delhi: HD: classical ragas (good 11/17)
- 1745 AIR Delhi: FS/AR: end FS, azan, into AR "Huna Dilhi", nx: ex 9912; listed // 6145 not heard due to USSR there (good 11/17)

**NIGERIA**
- 1730 VON: EE: nx of Nigeria (good 11/13)

**NORWAY**
- 1655 RNI: NW/EE: IS, 10, into nx, mx (good 11/14)

**ST. LUCIA**
- 0850 R. Carribean: FF: "travail, travail", ads for Martinique; nx 0900; if you hear FF here, is probably not Haiti!; (good 10/27)

**TANZANIA**
- 1715 VOT: EE: talk on African politics (fair 11/17)
There has been a spate of N. Korean frequency changes recently. As reported in the Asia/Oceania column a few months back, KCBS Pyongyang is now on 3350 (ex-2765) and Shinuiju is 3020 (ex-2745). From my own monitoring observations R. Pyongyang's local evening & morning broadcasts in JJ are on 3250 (ex-3015) // 783 MW & 6540. Pyongyang Broadc. Station is on 6000 (ex-6400) w/ poor audio quality & // to 6250. KCBS, Pyongyang is currently on 6100 (ex-6400) // 9665 & 11681. Other apparently dropped KCBS freqs include 2696, 2775 & 4272, and new freqs. are 3220, 3960 & 3980. As of yet I haven't been able to determine the QTHs of the new freqs and I'm wondering if 3980 is a spur or not.

From Koji Yamada comes the following: R. Japan announced that the RCI relay will increase to 4 hours a day next year with 1-hour morning & evening transmissions each in EE & JJ. Also in 1987 R. Japan will start a 5. American service via the Gabon relay -- 2 hrs in SS, FP & JJ. In addition, the KDD Yamata Transmitting station in Ibaraki is under partial renovation. Expectations are to put two 100 kw Xmitters & two 300kw Xmitters into operation, thus improving reception in Asia, SEA, WCNA and Hawaii.

Finally, special thanks to Joe O'Brien of Korea for honoring me while on a recent business trip to Osaka.

CHINA (PEOPLE'S REPUBLIC)

4525 1309 Neil Mengyu PDBS: Mongolian (listed) OM/YL tlks, CC-style mx (fair-good, 10/23)

GERMANY (Democratic Republic)

21465 0653 Radio Berlin Intl.: EE SEA service w/ world nx, ID, commentary, tlk on Copenhagen peace conference (fr, 10/17)

INDIA

9615 1227 All India Radio, Bombay (HS): EE prgm sked, wx for Delhi, ID, national nx into Hindi? (good, 11/5)
11920 1000 AIR: EE nx (544 10/11 Yamada)

INDONESIA

2456t 2035 RRI, Dili: Indo pop mx, OM tlk w/ Tentative RRI ID (pr-unuseable)

JAPAN

3970 1255 NHK-1, Matsuyama: JJ wx for Matsuyama, TG "Ju-ji ni narimasu", NHK Journal mixing w/ co-channel Neil Mongol, China (poor-fair, 10/30)

KOREA (Democratic People's Republic)

5700 1257 KCBS, Pyongyang: 2 x 2450 KHz w/ Eric Hoenecker speech in GG, translated by YL in KK, applause (fair, 10/20)

MALI

4834 1847 R. Nationale du Hali: EE "This is Bamako" ID, national nx w/ intervals of reggae mx (fr-gd, 10/26) BE on Sundays only 1830 - 1900 UTC.

PHILIPPINES

9570 2113 R. Veritas Asia: EE OM w/ sked, KK +2115 (fr-gd, 10/26)

U.S.S.R

13645 0030 R. Kiev: EE "Letterbox", ex-13605 (555 Yamada)
We start off this QSL Report with some annoying news from the local Post Office - they've decided to change all of the rural addresses, so my new (7) QTH is as follows: 4856 Inlet Drive, C.F.. It feels strange sending out address change announcements without moving! I should point out that this info was received here on 02 November, and they said the 'system' should be used by the 15th of November - nothing like a little advanced warning!...

AFRICA

/BENIN/ ORTB: 4870 f/d card in 155 ds. after f-up for a EE/FF rpt. & $1. (Gunter-NC).


/CANARY ISLANDS/ REE Tenerife: 15365 f/d Olite cd. in 84 ds. w/ sked. for a SS rpt. (Levison-PA).


/Ghana/ GBC: 4915 f/d Golden Jubilee cd. w/ sked. in 42 ds. for ms (not used). (Weiss-OH).

/LESOTHO/ LNBS: 4800 f/d Flag cd. in 43 ds. for 2 ircs. (Westenhaver-QU).

/LIBERIA/ VoA Relay: 6045 f/d cd. in 27 ds. (Gerstner-NY). 17870 f/d cd. w/ sked. in 66 ds. (Wakefield-IA).

/MADAGASCAR/ R. Nederland Relay: 9540 f/d Flavo cd. w/ pennant & sked. in 34 ds. (Gerstner-NY). 9715 f/d cd. in 20 ds. (Cook-IN).

/MALI/ RDTV Malienne: 4835 f/d Map cd. in 54 ds. for a FF rpt. & $1. (Kusalik-AB).

/MOROCCO/ VoA Relay: 5995 f/d cd. in 14 ds. (Wakefield-IA).

**ASIA**


/ISRAEL/ KOL Israel: 7410 f/d Logo cd. w/ sked. & forms in 44 ds. (Bishop-NY). 9009 f/d cd. w/ forms in 61 ds. (Constantinides-RSA). Reshet Bet: 11585 & 13475 f/d cd. w/ sked. in 2 mo. The cd. originally came w/out the "R.B." on it, so Edward sent the cd. back requesting the info., and the card came back completed! (Kusalik-AB).


/SINGAPORE/ BBC Relay: 3915 f/d cd. & ltr. in 33 ds. for an irc. (NORWAY-Svendsen).


/VIETNAM/ V/O: no veri' after 267 ds. but received a Happy New Year cd. - (Coday-CA). ...keep after them, this happens- at leats you know that your report did make it! rjf


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**EUROPE**

/ALBANIA/ R. Tirana: ????? p/d building cd. in 41 ds. w/ sked. for 2 ircs. (Curtis-TN).


/BELGIUM/ BRT: 9830 & 15590 f/d Station cd. in 40 ds. (Levison-PA). 11980 & 15590 f/d Painting cd. in 41 ds. (Gerstner-NY). 15515 f/d form ltr. & stickers in 24 ds. (Curtis-TN). 15590 n/d cd. w/ stickers & sked. in 30 ds. for an irc. (Bush-Oh)...probably forgot to fill in the details- write them again & mention that you got a n/d cd. & ask them to please explain- this does happen from time to time...rjf. RTBF: f/d buildings cd. in 14 ds. for a FF rpt...11660 (Gerstner-NY).
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<td>GREECE VoG: 9420 f/d Apollo &amp; Marsyas cd. w/ sked. in 303 ds. (George-NC). R. Stathmos Macedonia: 9460 f/d Olympia cd. w/ sked. in 105 ds. (D’Angelo-PA).</td>
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<td>HUNGARY R. Budapest: 9835 f/d Logo cd. in 27 ds. (Levison-PA).</td>
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<td>ITALY RAI: 9575 f/d Statue cd. in 30 ds. (Miller-CA).</td>
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<td>NETHERLANDS R. Nederland: 6020 &amp; 9895 f/d Flevo cd. w/ catalogue in 78 ds. (D’Angelo-PA).</td>
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<td>PORTUGAL R. Renascença: 11730 f/d Transmitter cd. in 499 ds. (D’Angelo-PA).</td>
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<td>ROMANIA R. Bucharest: 5990 f/d Manuc’s Inn cd. in 64 ds. for a Romanian rpt. (Levison-PA). f/d Scinteia Square cd. in 89 ds. (Levison-PA).</td>
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<td>SWITZERLAND SRI: 6135, 9725, 9885 &amp; 11925 f/d cd. w/ sites in 1 mo. after returning no-data cd. w/ a request for full data V/S Gillian Zbinden. (Kusalik-AU). 6190 f/d Studio cd. in 13 ds. (Brown-IL).</td>
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U.S.S.R.


NORTH AMERICA

/ALASKA KNLS: 11905 f/d cd. in 13 ds. for ms. (Weber-OH).


COSTA RICA: R. Reloj: 4832 p/d Globe/Logo cd. in 15 ds. for a SS rpt. & 2 ircs. V/S Francisco Barabona G. (Soomre-MA)... This is one of my favorite cards... rj. AWR- R. Lira Int.: 15460 f/d Antenna/Logo cd. w/ ltr. in 62 ds. for an IRC. V/S David L. Gregory. (Flynn-CA).


HONDURAS: Sani Radio: 4755 f/d Map cd. w/ ltr. in 24 ds. for 2 ircs. V/S Edward A. Pfister. (Flynn-CA). p/d Map cd. w/ ltr. in 26 ds. - the cd. came 2 days after the ltr. ! (D'Angelo-PA). f/d Map cd. in ?? ds. for an irc. (no name !!! A little more info is helpful!, thanks). HRVC: 4820 p/d Map/Logo cd. w/ ltr. & pennant in 16 ds. for a SS rpt. & 2 ircs. V/S Reina Figueroa. (Wakefield-IA).


OCEANIA


COOK ISLANDS: RCI: f/d Logo cd. in 20 ds. for a SAE & ms. V/S Nooroo E. Tangaroa. (George-MA)... 11760...


NEW ZEALAND: RNZ Itt.: 11780 f/d Rugby cd. w/ goodies in 14 ds. for ms-which weren't used. (Weiss-OH).
PAPUA NEW GUINEA/ NBC: 4890 f/d Map/Logo cd. w/ ltr. in 49 ds. for 3 ircs. V/S Mrs. Francisca Maredi. (Mill-MA).

SOCIETY ISLANDS/ RPO: 15170 f/d Conch Blower cd. w/ sked. in 49 ds. for a FF rpt. & 3 ircs. (D'Angelo-PA).


COLOMBIA/ R. Macarena: 5975 f/d Map/Logo cd. w/ ltr. in 50 ds. for a SS rpt. & ms + a SAE. V/S E. Nieto. (George-MA).


FALKLAND ISLANDS/ FIBS: 2380 p/d Crest cd. #408 w/ ltr. in 30 ds. for an IRC & $1. V/S Wendy Ross. (Roes-ON)...congrats!


GALAPAGOS ISLANDS/ HCVG8: 4810 t/d pfc w/ p/d Animals cd. in 282 ds. for an EL/SS rpt. & 2 ircs. V/S Padre V. Maldonado. (Gunter-NC)...very nice!

PARAGUAY/ R. Nacional: 9735 n/d ltr. via registered mail in 26 ds. for a SAL & ms. V/S Carlos Montaner. Sent a SS rpt. (George-MA).

PERU/ Rdf. San Martin: 4810 f/d Logo cd. in 38 ds. for a SS rpt. & ms. V/S Rosa Ruiz, Sec., who is a stamp collector. (Flynn-CA).

R. Chinchaycocha: 4860 n/d personal ltr. w/ Huancos postcard in 213 ds. via certified mail for a SS rpt. & ms. V/S Norma Alejandra Bleyeon Guere. (George-NC).


CLANDESTINE & PIRATES

Radio Fri Sranan: 9940 t/d ltr. in 103 us. for an irc. V/S Johnny Kampfe rven. (Flynn-CA). f/d ltr. in 77 ds. for a Taped rpt. & $1. Also sent much literature. (Kusalik-AB)...VTH for this one: Council For Liberation of Suriname, Box 5517, 3008 AM Rotterdam, Netherlands...

TNFM: 7420 f/d cd. w/ info & sticker in 2 mo. for $1. 150 watts. (Aw-Kusalik).
That's it for this month; 69 countries reported with some excellent ones! Good job everyone.

Now is the time of year when you can insert little "greetings" in your reception reports; Merry Christmas etc. This sometimes will give you the needed little extra to get some stations to verify—try it!

I hope that each one of you has the best that the Holiday season has to offer!

73, Best of DX, and
MERRY CHRISTMAS,

Ray
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random notes: From Howard Kemp of NH is a clipping from USA Today relating that the Royal Caribbean Cruise Line will launch the world's largest cruise ship, the Sovereign of the Seas, in January 1988. The ship will be 74,000 gross registered tons, carry 2600 passengers, and cost $183.5-million.

With all my harping about using the contribution form, Fred Bodenhagen of West Germany asks about QSLs. Yes, there is a separate form for QSLs, as well as number stations. Both forms are available from the Business Office in Tucson, AZ. See the back page of the mag for the address; tell the Old Fud that I sent you!

Larry Chickerell asks who handles phone patches for Air Force One? I don't have to listen to Aero comm much, but I have observed many submissions listing Air Force One and two working phone patches through Andrews Air Force Base (callsign AFA). Many phone patches are to CROWN, the White House Telecommunications Office. As for books, I always recommend anything by Joerg Klingfenuss, especially his Guide to Utility Stations. Joerg's books are available at most SW stores.

Garie Halstead says he obtained a book of place names often used by radio, called the North Atlantic Route Chart and is costs $4 from US Department of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service R/CO30, Riverdale, MD 20737-1199.

A new list of Merchant Ship calls and names has been compiled by maritime buff Jason Berri. His new list, compiled from 5 years of SPEEDX columns, runs 12 pages with two columns of call/name sets on each page. This is a well-done list, as are all of Jason's, and is available from him for $2.50 postpaid. Send to Jason Berri, 21240 South Western Ave. #18, Torrance, CA 90501.

A note here from Peter Conway, UK, asks of the status of WKR - New Haven: is it still on the air? I haven't heard it recently, either, and I don't remember any recent submissions on it. Does anyone know the story?

Neal Perdue of Alabama mentions a couple of good books: Worldwide Air Traffic Frequency Directory at $4.95 postpaid from Universal Shortwave, 1280 Aida Drive, Reynoldsburg OH 43068; and ADXR List of Limited Coastal Stations $3 from ADXR, 7008 Plymouth Road, Baltimore MD 21208.

Of course, the SPEEDX Master Callsign List is still available from me at $3 each for either List A or List B, or $5 for both.

That's about all for now. Have a very happy and safe holiday season and I hope Santa brings an R 5000 or an NRD 525!
CONTRIBUTORS LIST

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THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:
PEBBY THOMPSON'S STUFF

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:
AFRICA
Up From continues from page 2 because it helps to remind us to thank the fine people who make SPEEDX possible. Thanks, gentlemen, from us all!

OCTOBER: Daniel Sampson (3 years)
   Al Quaglieri (1 year)
NOVEMBER: Bob Thunberg (3 years)
   Ralph Bowden (1 year)
DECEMBER: Ray Forstgren (1 year)
   Bruce MacGibbon (1 year)

MISC. and ETC. Special thanks to Mike Magick-AL, Terry Lindley-AL, Neal Perdue-AL, Jason Berri-CA, and Robert Kaessinger-NY for their recent letters of support. I've also received several positive comments from members about the October issue. Dan Sheedy-CA comments on Richard Wood's new "Hawaiian Report" column...a GREAT idea... please keep him writing for SPEEDX. Gerry Dexter, author of several DX books and shortwave broadcast editor for Popular Communications, has a new book available, and from the press release, it appears to be a very comprehensive effort! "Shortwave Radio Listening With The Experts" is over 500 pages of information on just about every DX topic, including antennas, propagation, languages, QSLs, computers and DXing, and more. Gerry didn't write it all himself, though (although he might be qualified to do so), but instead recruited 25 top names in the hobby to each write a chapter on their particular area of expertise. Among the authors featured in the book are Larry Magne, Richard Wood, Bill Sparks, Terry Colgan, Thomas Harrington, Mike Chabak and Fred Osterman. I haven't seen a copy yet, but I do plan on ordering one. It's published by the Howard W. Sams Company, and although a bit costly at $22.95 plus $2.00 shipping, the scope of the book would seem to make it worth the cost if you're looking for an all-in-one source for basic DX information. Contact Tiare Publications, P.O. Box 493, Lake Geneva, WI 53147 for orders or more information, and remember to say "I saw it in SPEEDX!" ... Speaking of Fred Osterman, another good source for reference books on our hobby is Fred's Universal Shortwave Radio in Reynoldsburg, Ohio. A copy of their latest sale flyer is yours for a stamp or SASE to 1280 Aida Drive, Reynoldsburg, OH 43068. To those who've asked about the radio stations I'm working for, here's the scoop: The New Foxy 95 is WCFX-FM (95.3 MHz, 3000 watts fulltime) and WABX-AM (990 KHz, 250 watts daytime only) in Clare, Michigan. For those who might have logged the station(s) in years past, WCFX used to be WRNN-FM, and before that, WCRM-FM. WABX used to be WSDM, WRNN-AM, and WCRM-AM. And for you Detroit-area members, yes, the AM call letters used to be those of AOR rocker "99 1/2 WABX" in Detroit. They were transferred to Clare in 1984. By the way, we QSL 100% (hi).

That'll end Up From for 1986! Best of DX over the holidays, everyone. Peace.

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