

SPEEDY

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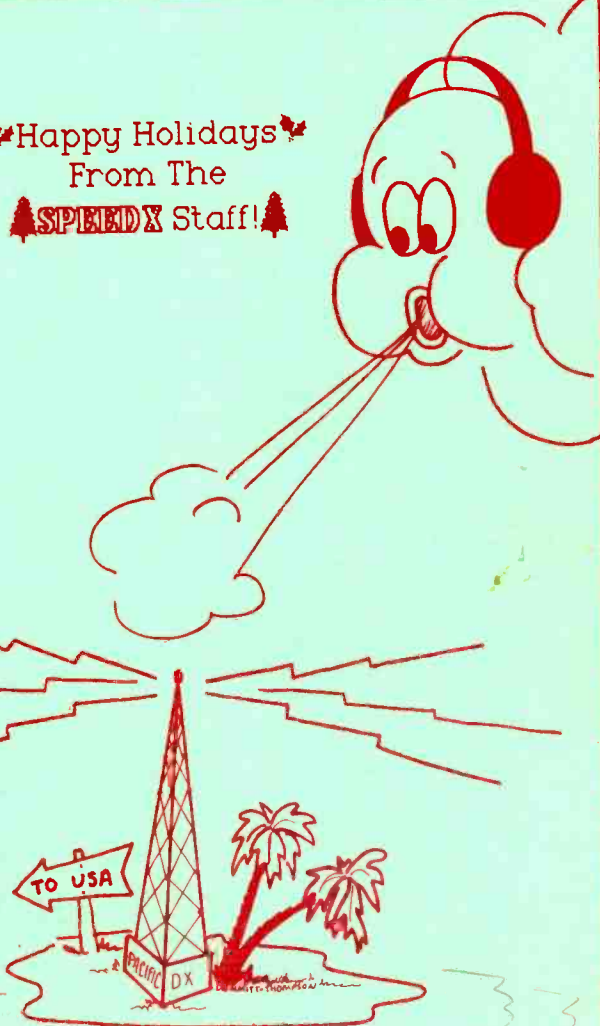
Cover Art:

.....Peggy Thompson

December
1986

Volume 16, Number 12
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ISSN 0882-8091

Happy Holidays
From The
SPEEDY Staff!



The DX Radio Magazine for Active SWLs

Up Front

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

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

Werner Musterle
Calw, WEST GERMANY

Jerry Blake
Fort Wayne, IN

Joseph Lally
Crystal Lake, IL

Mario Stutterheim
Montauk, NY

Neal Kolb
Belen, NM

Paul Haka
Haines City, FL

John Fischer, Jr.
Wallingford, PA

Kevin Hobson
Seattle, WA

Timothy Hickman
Baltimore, MD

Terry Busby
Wynne, AR

Robert Rickelman
Elizabethtown, PA

Richard Coquel
Park Ridge, NJ

Garry Shaw
Orange, CA

Dan Ferguson
Washington, DC

Chris Hambley
Box Hill, AUSTRALIA

Jean-Claude Mainguy
Quebec City, PQ

David Bush
Sebring, OH

Joe Kocka
Parramatta, AUSTRALIA

Kevin Davidson
Easley, SC

Wayne Benkinney
Burton, MI

Edmund Florimont
Beach Haven, NJ

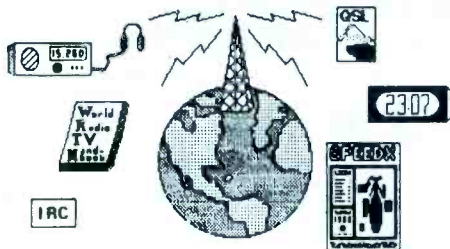
Raymond King
Kelowna, BC

P.J. Allen
Mountain View, CA

Brent Allred
Opa Locka, 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.....



DX Montage

The Feature Pages of SPEEDX

000

David Sharp
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DECEMBER, 1986

Hopefully by the time you read this, I will have my HQ-180 out of the shop. My plea last month for schematics for the radio yielded responses from Ron Trotto, Spence Naylor and Ernie Dellinger. Thanks, guys! Lots of information in this month's column, so let's forget those TV game shows and do some reading.....

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 short-wave 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:

1745-1800: 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 Che 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-

 TO YOU AND YOURS... SEASON'S GREETINGS 

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 Muzyka-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. Disassembling 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-

munications 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 punished 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 Margolis-IL who should've gotten credit last month for the story on VOA-Europe. ds.

BE SURE AND CONTRIBUTE IN JANUARY!

dx montage's **CONTEST PAGE**

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).

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

Computation:

Category A: 6 stations..6 x 10= 60.	Category B: 7 Freq's...7 x 5= 35.
Category C: 6 countries..6 x 10= 60.	Category D: 6 Bands...6 x 10= 60.
(Total of A thru D: 215 points)	Category E: 5 Cont's.215x5= 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 want to get a nice prize in the mail soon. ds.

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.

CRACKER COUNTRY: Frequencies are like department stores... they're always opening and closing!

735 David

PROGRAM PANORAMA

woody seymour, jr.

p.o. box 848

sanford, nc 27330

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 Burt; 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.

UNIFIED KINGDOM...BBC World Service has a interesting lineup of programs for the holiday season. A RADIO CHRISTMAS CARD features popular music presenters with personal greetings and song of the holidays. 25th 0815, 1900 UTC...BUSH HOUSE CAROL SERVICE has the Archbishop of Canterbury as its speaker this year, 21st 1030, 22nd 0030 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 wolverine, 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 can 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 0330, 24th 1715, 25th 1330 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, *W. S.*

Station Skeds

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

TIMES (UTC)

EDITOR:

FREQUENCIES

LANGUAGES

Ralph S. Bowden
1255 Amethyst Street
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RELAY SITES

TARGET AREAS

Mentone, CA 92359

POWER (kW)

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BELGIUM: BELGISCHE RADIO EN TELEVISIE (BRT), BRUSSELS, VALID UNTIL 3-29-87:

	LG	TAR
0800-0825	9880 EG	6-11
1400-1425	15590 DT	6-11
2200-2255	5910 EG	6-11
2230-2245	5910 DT	6-11
2250-2355	5910 "	6-11
0000-0025	5910 SP	6-11
0030-0055	5910 EG	6-11

(DIRECT, BRT, PARTIAL.)

CHINA (PEOPLE'S REPUBLIC): UNITED NATIONS RADIO VIA RADIO BEIJING, BROADCASTS HEARD ON SATURDAY ONLY:

	LG	CH
0800-0900	11600, 11755, 15280	CH
1200-1300	11500, 11755, 15280	EG

(EXTRACT from news section of WBI, BBC, MS, 10-10-86. RADIO BEIJING offered free air time to U.N. RADIO.)

ECUADOR: HCJB, LA VOZ DE LOS ANDES, QUITO, LATUCUNGA RELAY, G.C. 78°37'W/00°56'S, PROGRAMS HEARD IN N. AMERICA:

	LG	AZ°	TAR	kW	dB	EL°
1200-1600	11910 SP	340	6-11	100	19	11
1200-1600	15115 EG	330	6-11	100	19	14
1200-1600	17890 "	340	6-11	100	18	12
1600-2145	15160 SP	330	5-11	100	19	14
2230-0600	11960 "	330	5-11	100	18	11
2300-2330	15150 GM	330	6-11	250	19	14
2200-2230	11960 CH	150	6-11	100	19	14
0030-0130	11910 EG	330	6-11	250	18	11
0030-0230	15155 "	330	6-11	100	19	14
0030-0700	9870 "	330	6-11	100		
0200-0700	6230 "	330	6-11	100		
0000-0030	15155 FR	330	6-11	100	19	14
0500-0700	11910 EG	330	6-11	100	19	14

(DIRECT, HCJB, D-86 THFBS, IFRB, ITU.)

HUNGARY: R. BUDAPEST, ENGLISH LANGUAGE BROADCASTS, ALL ZONES, LATEST INFORMATION:

		TAR	DAYS
0100-0130	12000, 11910, 9635, 9520, 6110, 6020	6-10	2-7
0200-0230	12000, 11910, 9835, 9520, 6110, 6025	6-10	1-7
0300-0330	12000, 9835, 9585, 9520, 6110, 6025	6-10	1-7
0930-1000	17710, 15220, 15160, 11910, 9835	55,59	1-7
1050-1120	17720, 15160, 11910, 9835, 9585	27,28	1-5
1415-1430	12000, 11910, 9835, 9585, 7225	27,28	2-5
1430-1500	21665, 15220, 15160, 11910, 9835	44,50	1-7
1600-1630	15160 12000, 11910, 9835, 9585	27,28	1-5
1800-1830	12000, 11910, 9835, 9585, 6110	27,28	2-5
2000-2030	12000, 11910, 9835, 9585, 7220	27,28	1-7

(PARTIAL: BBC, MS, WBI, 7-4-86. Also, DIRECT, RBH. Also, J. Sanderson, AZ and C. Weyrich, MD.) 1=Monday, etc.

ISRAEL: ISRAEL RADIO INTERNATIONAL, JERUSALEM, ENGLISH LANGUAGE, D-86 SEASON:

		TAR
1100-1130	15640, 13725, 12000	28,6-8
2000-2030	13725, 12080, 9435	28,6-8
2230-2300	13725, 9855, 7465, 9435	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	13725, 11610, 11585	28,6-8

(DIRECT, IRI, PARTIAL. Also, M. Byrne, Australia and G. Romanin, Italy.)

JAPAN: NIPPON SHORTWAVE BROADCASTING CO., LTD., OR RADIO TANPA, TOKYO, D-86:

	LG	PGM	TAR	AZ°	KW	dB	EL°
0830-2030	3925	JP 1	45	50	50	3	21
0900-0830	6055	" 1	45	64	50	3	28
0900-0830	9595	" 1	45	64	50	3	21
2300-0945	3945	" 2	45	50	10		3
2300-1000	6115	" 2	45	50	50	3	40
2300-0645	9760	" 2	45	230	50	3	26

(1986 WRTH. USA. Also, D-86 THFBS, IFRB, ITU.)

MONACO: TRANS WORLD RADIO, MONTE CARLO, D-86 SCHEDULE, BEAMED TO EUROPE, NORTH AFRICA AND MIDDLE EAST:

	LG	TAR	AZ°	KW	DAYS
0800-0825	9610	NW 28,29			1234567
0905-0920	7205	GM 19,29	26	500	123456
0925-0940	9610	SV 28,29			123 5 7
0940-0955	9610	HG 28,29			1234567
1000-1015	9610	FL 28,29			1234567
1105-1120	7205	GM 28,29	26	500	123456
1145-1200	5945	FR 28,29			123456
1300-1315	7205	SP 28,29	26	500	234567
1300-1315	7205	" 28,29	26	500	1
1330-1345	7205	SC 28,29	26	500	7
1345-1400	7205	SC 28,29	26	500	6
1345-1400	7205	MC 28,29	26	500	7
1330-1345	7205	SC 28,29	26	500	6
1430-1500	7205	GM 28,29	26	500	1234567
1455-1625	11695	RS 29,30			1234567
1615-1630	9495	AM 39,40			1234567
1700-1715	6230	CZ 28,29			34567
1700-1730	5920	RM 28,29			1234567
1735-1750	6230	LV 28,29			1234567
1800-1830	7205	EG 39,40	26	500	1234567
1810-1855	6230	RS 29,30			1234567
2000-2030	6230	RS 29,30			1234567

(DIRECT, TWRM, EXTRACTS. Also, D-86, THFBS, IFRB, ITU.)

NETHERLANDS ANTILLES: TRANS WORLD RADIO, BONAIRE, D-86 SCHEDULE:

	AZ°	LG	DAYS
0925-1030	9535	150 PT	1234567
0942-1100	9665	176 SP	1234567
1110-1255	11855	336 EG	12345
1110-1331	11815	336 "	7
1110-1405	11815	336 "	6
2255-0215	11875	176 SP	1234567
2325-0045	15355	160 GM	123456
2325-0030	15355	160 PT	7
0655-0930	6145	170 "	1
0725-0930	6145	170 "	234567
0300-0530	9535	327 EG	1 7
0300-0400	9535	327 "	23456
0403-0500	9535	285 SP	23456

(DIRECT, TWRB, COMPLETE. R. Lemke, AB. J. Sanderson, AZ.)

PAPUA NEW GUINEA: NATIONAL BROADCASTING COMMISSION, BOROKO, LATEST INFORMATION: NATIONAL SERVICE, KARAI S.W. STATIONS:

STATION	LOCATION	LG
P2K3, Port Moresby		3925 EG
p2K4, Port Moresby		4890 "
P2T4, Port Moresby		4890 "
R. N. Solomon, Kieta		6020 "

(CONTINUED)

PAPUA NEW GUINEA: NATIONAL SVC (CONTD):

	LG	TAR	AZ°	KW
R. West Highlands, Mt. Hagen				5965 EG
R. Milne Bay, Alotau				6040 "
R. Western, Daru				6080 "
R. East Sepik, Wewak				6140 "
P2T9, Port Moresby				3520 "
P2K9, Port Moresby				3575 Various
P2K11, Port Moresby				11880 "
R. E. New Britain, Rabaul				5985 EG

PROVINCIAL SERVICE, KUNDU S.W. STATIONS:

R. Simbu, Kundiawa				2376 PG
R. Enga, Wabag				2410 "
R. W. Wepik, Vanimo				3205 "
R. Morobe, Lae				3220 "
R. West Britain, Kimbe				3235 "
R. Gulf, Kerema				3245 Motu
R. Madang, Madang				3260 PG
R. South Highland, Mendi				3275 "
R. Central, Port Moresby				3290 Motu
R. Western, Daru				3305 "
R. Manus, Lorengau				3315 PG
R. N. Solomon, Kieta				3325 "
E. E. Sepik, Wewak				3335 "
R. Northern, Popondetta				3345 Motu
R. Milne Bay, Alotau				3360 "
R. W. Highlands, Mt. Hagen				3375 PG
R. E. New Britain, Rabaul				3305 "
R. E. Highlands, Goroka				3395 "
R. New Ireland, Kavieng				3905 "

(INDIRECT, PNG, NBCB, COMPLETE. J. Evans, TN and J. Cook, IN.)

PARAGUAY: R. NACIONAL, ASCUNSION RELAY, G.C. 57°38'W/25°16'S, D-86 SCHEDULE:

	LG	TAR	AZ°	KW
1200-1800	6025	SP 12-14		ND 100
1700-2200	9735	" 27-28		33 100
2100-0300	6025	" 12-14		ND 100
2100-0300	9735	" 12-14		ND 100
2200-0300	9735	" 6-8		347 100
2200-0300	15210	" 6-8		347 100
0100-0500	15280	" 6-12		32 300

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

SEYCHELLES: FAR EAST BROADCASTING ASSOCIATION (FEBA), MAHE, LATEST INFO:

	LG	TAR
0915-1000	11900	FR 37,38
1100-1145	17875, 15405	AR 39,40
1205-1220	15325, 11895	NP 41,49
1230-1300	15325, 11735	MA 41,49
1300-1400	15325, 11735	TM 41,49
1330-1400	11895	KN 41,49
1400-1500	15325, 11865	HD 41,49
1515-1600	15325, 11865	EG 38,41
1615-1700	11925, 9725	SH 52-53
1700-1715	11815, 9600	SM 52-53
1803-1833	11720, 9510	AI 52-53
0115-0200	7275	TM 41,49
0200-0230	11790, 9730	UR 41,48
0300-0330	11865	FS 39,40
0315-0400	11755	SH 39,40

(INCOMPLETE: BBC, MS, WBI, 8-15-86.)

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

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

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

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

	TAR	AZ°	kw	dB	EL°
1030-1100	17775	11-13	295	300	18 16
1030-1100	21605	18,28	322	500	24 9
1330-1400	11940	36,38	295	300	18 20
1600-1630	15435	41,49	255	300	16 16
1600-1630	15320	27,36	322	500	23 7
0330-0400	7100	11-13	295	300	18 16
0330-0400	9640	3,4,7	325	300	20 12
0330-0400	11940	3,4,7	322	500	23 9
0330-0400	15435	11-13	295	300	18 16
0530-0600	11730	55,59	115	500	21 7
0530-0600	11775	55,59	115	300	33 7

(J. Verocellino, IL.)
(R. Kaessinger, NY, APO. W. Curtis,
TN. Also, D-86 THFBS, IFRB, ITU.)

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

	TAR	AZ°	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 SCOTTS CORNERS,
MAINE, G.C. 68°34'W/47°21'N, D-86
SEASON, ENGLISH LANGUAGE:

	TAR	AZ°	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	6030	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 PASHTU AND DARI LANGUAGES:

	TAR	AZ°	kw	RL	DAYS
0300-0315	7245	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
0300-0315	9725	29	77	250	D 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	15115	29	64	250	B 2 4 6
1400-1415	17725	28	70	250	B 2 4 6

(COMPOSITE: 1987 RDI, IBS, USA, and
D-86 THFBS, IFRB, ITU. 2=Tuesday, etc.)
RL=CODES FOR EUROPEAN RELAY STATIONS:
A=Lampertheim, FRG, G.C.08°43'E/47°52'N;
B=Lisbon, Portugal, G.C.08°40'W/38°45'N;
C=Biblis, FRG, G.C.08°29'E/49°40'N;
D=Holzkirchen, FRG, G.C.11°43'E/47°52'N.)

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

	TAR	AZ°	kw	dB	EL°
0000-2345	15185	37	62	50	16 20
2245-2345	15145	37	62	50	16 20
0000-0300	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 AMERICAS," LOS ANGELES, CA.,
VIA RANCHO SIMI RELAY, G.C. 118°38'W/
34°15'N, VALID 11-2-86 TO 3-1-87: 60%
SPANISH, 40% ENGLISH PROGRAMMING:

	TAR	AZ°	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	AZ°	TAR
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

(BBC, MS, WBI, 6-27-86. Also, 1986 WRTH,
A.G. Billboard. Also, ILG, BF, DXLS, FRG.)

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

	LG	TAR
2030-2100	11760,	11705
0230-0255	13605,	11875
0700-0750	15510,	15180,
	15160 (Sun)	" 27,28
0750-0900	15510,	15180,
	15160 (Sun)	FR 28,39
1200-1300	6120,	4990
1300-1400	6120,	4990
1430-1530	6120,	4990
1530-1600	6120,	4990
1600-1630	6120,	4990
1630-1700	6120,	4990
1700-1715	6120,	4990

(INCOMPLETE: BBC, MS, WBI, 7-25-86.)

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

	LG	TAR	AZ°	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	EG 6-10	301	100	19 9	
0130-0330	6150	" 2,3,6	326	100	15 17	

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

**MAIL SHORTWAVE
SCHEDULES
TO EDITOR.**

RALPH S. BOWDEN



North America and Caribbean



Loggings to: Thomas F. Sable
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)
6175 0220 BBC School sex education (444 10/21 Westenhaver QU) British Press Review
(444 10/13 Brown IL) Radio Newsreel (444 10/10 Dillon MD)
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 QU)

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

5960 0324 RCI New rx review by Larry Miller, propagation (444 10/11 Brown IL)
5965 1140 BBC Mx of Edmund Rubbra (454 10/26 Westenhaver QU) International Gardeners
(544 10/22 Alexander NJ)
6005 1134 CFMX Rock mx, Montreal elections (333 10/11 Dillon MD)
6045 0425 GG DW Chernobyl, nx (434 10/25 Berni CA)
6070 1531 CFBX 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 Comer (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 NQS 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 NQS CBC nx //6195 (444 10/19 Curtis TN)
9755 2320 RCI Artificial Intelligence, birds in winter (544 10/24/86 Hesch 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 NQS Canadian and internat. nx //11720 (344 10/21 Preston CA)
11720 1608 NQS 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 Havriko 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 Zaire ousts Cuban diplomat (544 10/23 Brown IL)

CANADA (cont.)
17820 1157 RQI World Report (343 10/21 Westenhaver QU) Ship design problems (444 10/24 Brown IL)

CUBA R.HabanaR. 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 (433 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 Ukrainian writer [punch up error] (444 10/16 Westenhaver QU)
9740 0220 RHC History of African settlement in Cuba (555 10/10 Wright MB)
11795 1850 RHC AIDS is man-made virus (?), Cuban mx (444 11/1 Ruckman OH) Haitian flood, song dedicated to Betsy Robinson (555 10/30 Robinson TN)
11840 1630 RMWS Culture & Arts: Soviet anti-nuke films (444 10/24 Westenhaver QU)

DOMINICAN REPUBLIC **R.DiscoveryR.Clarin**

6245 0239 RD Jeff White gives (809) phone nos to call; musica latina (232 10/21 Westenhaver QU)
11700 1327 SS RQ Song, OM IDs, R. Clarin song (333 10/15 Neff OH)
15045 2031 RD Musica latina, ID and address in Tampa (354 10/18 Westenhaver QU)
— 2013 SS RQ [rebroadcast ?? TFS] (242 10/22 Soomre MA)

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)

MONTSERRAT Deutsche Welle Relay

9545 2300 SS Nx (333 10/20 Wakefield IA)
9565 0122 Interview with president of Chicago DX club who couldn't remember what SPEEDX stood for (433 10/19 Curtis TN)

NETHERLANDS ANTILLES Radio NederlandTransWorld 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)
9630 0820 RN SW Feedback (333 10/25 Brown IL) Newsline: Amnesty Internat. report (433 10/19 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 Sa/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 AmericaThe Voice of Free China (via WYFR)
Armed Forces Radio and Television ServiceRadio Marti****

- 5985 0720 VOFC Taiwan dollar re-evaluated, Jade bells and Bamboo Pipes (555 10/13 Wakefield 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 Wakefield IA)
- 6125 1312 AFRTS NBC news: Soviets on SDI (333 10/19 Brown IL)
- 6185 0410 WRNO Entertainment Coast to Coast (544 10/17 Brown IL)
- 7355 0217 WRNO Smoking in the Boys' Room (555 10/13 Brown IL) LSU-Kentucky football (555 10/19 Wakefield IA)
- 0300 WHRI Radio Earth: Skyline (545 10/11 Watson FL) WWII 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 RBC Retail sales rise (444 10/17 Brown IL)
- 9555 0350 VOFC CC lang. lesson (222 11/4 Westenhaver OU)
- 9590 1327 SS RM LA ballads [try VOA address, Washington D.C. or Marathon FL] (455 10/29 Twigg CT)
- 9615 1100 SS KGEI Hassentus 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 (4333 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)
- 11705 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 1937 KCBI World of Radio with GH (544 10/17 Brown IL) Religious prgm (444 10/24 Twigg CT) Nuke call-in (444 10/14 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 KCBI 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 RM Nx, 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) Mx (555 10/22 Bush OH) Religious px (433 10/15 Miller CA)
- 12050 0435 AFRTS Newscall, martial mx (433 10/23 Brown IL)
- 15055 1355 WYFR ID and address (423 10/21 Havriko UK)
- 15105 1526 WHRI Mercy (333 10/19 Miller CA) Ad for Christmas letters, Contemp. Christian mx, The Word Speaks (544 10/25 Curtis TN)

- 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 Twiggs 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 WRNQ Monkees concert, TV Guide ads, mx (555 10/22 Harnish IN) Rock mx, ad ID (555 10/22 Brown IL)
- 15580 1838 VOA Words and Their Stories in slooow English (343 10/18 Havrilko UK)
- 15600 1645 VOA Music U.S.A., nx (555 10/22 Harnish 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 TN)
- 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 Harnish IN)
- 17890 1835 VOA Nx, commentary (555 10/21 Harnish 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 9600 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]

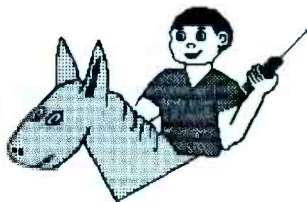
Please send your loggings to me by the twelfth of the month and by the fifth of the month to our Central Distribution Editor, Peggy Thompson, whose California address is listed on the back cover. December tends to be a good month for loggings and that means that I have more work to do at deadline time 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.

T. F. S.



LATIN AMERICA

CARL HUFFAKER
Apdo Postal 41-507
11001 Mexico, DF
MEXICO



FREQUENCIES in Kilohertz

DEADLINE: 12th

TIMES/DATES in UTC

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 nets, the organizational phases of a broadcast bringing the privately-owned stations into the net can be monitored directly. Except that an interval of John Philips Sousa marches precedes the marimba music when the event is of a military nature, the preliminary transmissions are much the same and will alert a DXer, 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 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 TGWB. 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 TGWB, 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 TGWB, 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 TGWB, 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 18:26, the private radio stations were released.

"Señoras y Señores, the microphones of TGWB, 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, TGWB 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 hostage, 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, Moti-Mex became Radio Mexico. This happened quietly, a few sparrows fell in the battle, but what conflict there was was cremated in UNESCO's office fire. Few noticed the paradox as the old broadcaster began to claim parentage by the much younger news 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 news 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 XSW shortwave activities were suspended until the matter could be clarified.

To work their way through the laws 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. The gesture was, 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 HCJB, 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 s/on and at s/off.
- 3230 El Sol de los Andes, Juliaca. QTH is Juliaca, but frequently gives San Roman, the Provience, as its location. Ad blocks are long and redundant.
- 3230 R Antena Libre, Esmeraldas. Religious programs, infrequent ID's. Large day to day variation in signal strength.
- 3249 L V Triunfo, St° Domingo de los Colorados. Since December, this station has drifted from slightly above to slightly below 3250 kHz.
- 3250 R Luz y Vida, Santa Barbara. Religious programs, some English.
- 3255 L V de El Tigre. Usually ID's R 980. "Super Radio" is a store in El Tigre, not a station ID.
- 3260 L V de Rio Carrizal, Calceta. Often uses "Radio" instead of "La Voz de" in ID's, and sometimes omits the "Rio".
- 3261 L V de Oxapampa, Pasco. 10:00 to 05:00 sched should leave this Peruvian with a hour's clear frequency at each end of the day.
- 3275 R Mara, Maracaibo. Reactivated in October, now regular
- 3280 L V del Napo, Tena. Always with a good signal, but announcer's heavy accent makes copy difficult at times.
- 3285 Belize, Radio One, Belmopan. Have dropped "Radio Belize" ID.
- 3290 R Panamericana, Quero. Frequently mentions QTH which differentiates it from similar sounding Tayabamba.
- 3290 R Tayabamba. Evenings only on this Peruvian.
- 3300 R Cultural, Guatemala. On late nite Mx Px, ID's "R Cultural-FM".
- 3310 R San Miguel, Riberalta. s/off listed 02:00, but reported after 03:00.
- 3315 R Pastaza, El Puyo. Weak signal, but several reports. I have never been able to definitely identify this Ecuadorian as Pastaza.
- 3320 R Estrella del Sur, Cañete. A new Ecuadorian has been reported on the freq., but I have only heard the Peruvian.
- 3325 R Maya, Huachuetengo. An always reliable Guatemalan.
- 3325 R Liberal, Belem. Possibly not always 24 hrs recently.
- 3330 Ondas del Huallaga, Huánuco. Best in the summer when CHU fades earlier.
- 3340 R Altura, Chaupimarca. A new Peruvian with a good signal.
- 3360 L V de Nahuala. Another always reliable Guatemalan.
- 3370 R Tesulutlán, Coban. If it pins the meter, the band's open.
- 3375 R Guajará Mirai. This Brazilian has dropped the "Eduadora" out of its ID. Their signal has so improved that I have been unable to log R Nacional that once dominated the frequency.
- 3375 R Mac San Gabriel. Audible infrequently through Guajará Mirai.
- 3380 R Chortis, Jooctán. Another Guatemalan with a strong signal.
- 3380 R Iris, Esmeraldas. This Ecuadorian has a good signal after and before R Chortis signs off or on.
- 3385 R. F. de O. M., Matoury. Always a strong signal at 09:00 s/on, but fades rapidly.
- 3385 R Juazeiro. This Brazilian rarely heard here, but definitely ID'd in October.
- 3395 R Zaracay, St° Domingo de los Colorados. A powerhouse.

Brazil is already on daylight time and Peru will probably follow. In the southern areas, this puts the s/on time an hour farther into our darkness. Near the equator where local sunrise does not vary appreciably, it also puts s/on an hour deeper into their darkness, so early morning reception should improve. Moving the s/off for the Brazilians 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 rebroadcast. Locally, the midnight service is sometimes moved up as early as 22:00, and in the tropics, dawn on Christmas Day may be favored. 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 Brasil, not too complete as it emphasizes the 60 meter band, but something that will prove useful on those cold nights and mornings when propagation from the south is "up".

BRASIL (The language is Portuguese)

- 3375 10:03 R Guajar Mirmi ID as an afterthought, and into early AM Px of Brazilian pops and a lot of DJ chatter. (444 11/3 clh-MX)
- 3385 08:45 R Juazeiro ID and DJ Tx through a break in the UTE QRM. French Guyana has an OC on the freq after 08:30. (232 10/23 clh-MX)
- 4755 08:23 Rdif do Maranho CW-style Brazilian Mx, TC's every minute, ID at 08:29. (343 10/22 clh-MX)
- 4755 08:33 R Ed Rural Px not much different than above, but ID definitely "rural" (343 10/31 clh-MX)
- 4785 04:05* R Caiari in the clear after Ribamar 04:00*, 3 min EZL Mx, s/off package with freqs, vocal MA (333 10/7 Quaglieri-NY)
- 4795 08:07 Rdif Aquidauana Jingles, station promos, program promos, TC's, and lots of Tx. Only 2 Mx selections before ID at 08:21. (It takes more Portuguese than I have to describe) (343 10/22 clh-MX)
- 4805 01:54 Rdif do Amazonas Greeting from people to people (433 10/11 Bishop-NY)
- 4815 10:22 R Mac de Tabatinga R Mac promo in R Mac early AM Px (444 11/3 clh-MX)
- 4825 08:50 R Ed Baranca mainly accordion Mx with OM DJ, full ID at 08:59 (333 10/29 clh-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 Araa 2 OM with futbal game, reference to Garca, quick ad & ID at 23:50, and back to the game. (232 10/12 clh-MX)
- 4865 04:16 R Sociedade Tx by YL with bits of familiar Mx, ID by OM at 04:28, and into pop Mx. Fading by 04:54. (242 10/4 George-NC) -MX)
- 4880 09:05 Rdif Acreana Rel Tx with breaks of choral or organ Mx (333 10/23 clh)
- 4885 08:04 R Clube do Para signing on with long annt, TC, and promo with ID, into Brazilian ballads (333 10/23 clh-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 clh-MX)
- 4915 07:35 R Ananguera Brazilian pops, TC's, and full ID at the odd time of 07:37. (343 10/22 clh-MX)
- 4905 23:50 R Relgio Federal Mx, ID on the hour. (322 10/19 Bishop-NY) (even with this few reports, I manage to missort one! clh)
- 4925 08:34 Rdif de Taubete rel Px, ID and Taubete ad at 08:25 (242 11/3 clh-MX)
- 4945 10:03 R Mac, Porto Velho Brazilian ballads, R Mac ID with address at 10:06. Caracol off and freq clear. (444 10/22 clh-MX)
- 4965 07:36 R Poti Accordion Mx, fast-talking, difficult to understand DJ, ID and reference to Natal at 07:59. (343 10/14 clh-MX)
- 4985 07:35 R Brasil Central Brasil promo, ID, ads, industry promo, ads, and some music. (343 10/22 clh-MX)
- 5025 08:32 R Borborema Px of jungle-type Mx, ID and promos at 08:41, into rel Px. (343 10/29 clh-MX)
- 5025 08:15 R Jornal Transamazonica (tent) No ID copied. TC's, telephones, and references to Para. (222 10/23 clh-MX)
- 5035 09:28 R Aparecida ID at 09:30 in Px of Brazilian Mx. (232 10/29 clh-MX)
- 5045 07:55 R Cultural do Para pop Mx, ID on the hour. (343 10/22 clh-MX)
- 11745 02:08 R Nacional ER Px. restrictions on Brazilian textiles, Brazilian popular Mx. (544 10/7 Curtis-TN)(322 10/12 Bishop-NY)
- 11780 19:57 R Mac da Amazonia poetry and music, Mac ID and promo, musical ID, Radiobras and Mac ID's on the hour. (343 11/6 clh-MX)
- 11855 22:30 R Aparecida YL & OM ancrs, mentions of Amazonas. Strong het, but signal better 1.5 kHz up. (221 10/6 McEntee-TX)
- 11915 22:46 R Gaucha Two OM with Mx. (??? ?/? McEntee-TX)

Brasil'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 late. 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-Brazilian 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 clh-MX indicates my frontier listening post.

ECUADOR

- 3220 08:32 HCJB s/on in lang ??, into Ecuadorian Mx. (343 11/8 clh-MX)
 3280 01:49 L V del Napo church anmts, TC & ID at 02:05 (333 10/21 clh-MX)
 3315 05:10 R Pastaza political Px, anced also tomorrow, finally a clear ID at 05:24 (232 11/8 clh-MX)
 3380 01:45 R Iris mentions of Ecuador (433 10/16 Bishop-NY)
 3395 01:48 R Zaracay lively LA pop Mx (332 10/10 Bishop-MY)
 4795 01:31* L V de los Caras personal & local anmts, TC & ID (343 10/27 clh-MX)
 4800 10:00 R Popular station promo & ID, into LA pops (333 10/23 clh-MX)
 4820 *08:58 R Pas y Bien song "Una Mañana" at 09:00, long anmt, and then the NA. (343 10/22 clh-MX)
 4850 03:21 R Lus y Vida Futbol // 4890 & 5060 (433 11/8 clh-MX) -MX)
 4870 04:18* R Rio Amazonas final anmt then theme Mx "Adorar a Dios" (444 10/24 clh-MX)
 4890 04:05* R Cantanela del Sur full ID, final anmt, NA (433 10/27 clh-MX)
 4910 00:54 Rn Gran Colombia ads, ads, full ID on the hour (444 10/17 clh-MX)
 4920 01:30 R Quito local Mx Px (353 9/20 Kobylski-MD)(333 10/12 Bishop-MY)
 4960 00:28 R Federacion primitive Mx, sleepy sounding OM ancr in lang?? mixed with SS. (343 11/7 clh-MX)
 5040 02:47* L V de Upano final anmt, state & NA's, full ID with freqs and QTH, 2 mins classic Mx, the off with trumpets. (434 10/26 clh-MX)(UNID 453 10/23 Bishop-MY)
 5050 00:40 Jesús del Gran Poder rel Px, ID & theme Mx at 00:51 (322 10/24 clh-MX)
 5060 04:11 R Mac Progreso pops & ballads, ID "R Progreso de Ecuador, S.A." (333 10/9 George-MC)

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 Tuchscherer'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. DXers in central and western US will be interested in both publications.

- 3230 09:31 El Sol de los Andes LA Mx, ad block at 09:41, OA Mx, TC with reference to station at 09:51. (242 11/3 clh-MX)
 3340 01:38 R Altura OA Mx with dedications and TC's, references to Casco, ID with echo at 02:42. (232 10/18 clh-MX)
 4775 10:24 R Tarma OA Mx, PSA's, ad for Crystal beer (it must be light) (322 11/3 clh-MX)
 4790 09:13 R Atlántida LA Mx, roosters, TC's & ID. (343 10/22 clh-MX)
 4810 *09:57 R San Martín NA, piano Mx, promo, & ID. (444 10/23 clh-MX)
 4825 09:50 L V de la Selva LA pops, station promo (444 10/22 clh-MX)
 4840 04:31* R Andahuayas meeting of campesinos where government announced projects for most of the villages in Apurimac, at 04:25 ID's for other stations (MW) on the net, at 04:26 RA ID by program ancr, then long studio final with station ID, off with NA (343 11/8 clh-MX)
 4885 03:04 R Huancavilca OA Mx with dedications and station reference. Ondas de Meta was on the frequency as were a SSB UTE and a CW marker, faded completely under by 03:20. (322 11/8 clh-MX)
 4910 10:33 R Tawantinsuyo local Mx, ID as "Cadena Tawantinsuyo". (343 10/22 clh-MX)
 4935 *09:32 R Tropical signing on with NA, and long ID (333 10/22 clh-MX)
 4950 23:57 R Madre de Dios classical Mx, reference to station at start of Mass at 00:00. (333 11/1 clh-MX)
 4970 05:00* R Imagen station promo, ID & NA (333 10/23 clh-MX)
 4990 09:46 R Ancash ID "R Ancash, LV de los Andes" in Px of OA Mx (444 10/22 clh-MX)
 4996 03:37 R Andina TC, ID, dedications, OA Mx (444 11/8 clh-MX)
 5010 02:55 R Eco TC, ID with MW freq, "Happy Birthday" (322 10/18 clh-MX)
 5030 00:58 R los Andes political Tx, ID & promo on the hour (333 10/24 clh-MX)
 5040 03:33 R Libertad de Janin LA ballads, TC's and dedications, break-in ID by YL at 03:36 (333 11/8 clh-MX)

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

CLANDESTINE

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-NC)
R Venceremos ID at 01:22. Muffled audio (353 9/15 Jones-TX)
6543 01:55 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)
9940 07:40 (Usually, they ID LV del CID as a "cadena" with RCC as the station, however LV del CID seems to be one station with several different programs. clh)

COLOMBIA

4780 04:43 R Super, Medellin "Musica Tropical", Super ID's, freq 4775 not 4780 kHz. (322 10/26 George-NC) (I caught them on 10/29 as per your tip still with the 4775 ID tape. clh)
4865 09:07 L V de Cinaruco Opening ID and anmts (232 8/31 Flynn-CA)
4885 10:00 Ondas de Meta ID, ads Mx of Chile and Lima (545 9/8 Robinson-TN)
4945 05:23 Caracol, Neiva Mx, ID's 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 08:07 R Super, Bogotá "Ritmoes", ID by OM (343 8/31 Flynn-CA)
6170 12:02 L V de la Selva "Esta es La Voz de la Selva" at 07:02 (122 10/6 McEntee-TX)

COSTA RICA

4832 06:54 R Reloj ID at 06:56, LA ballads (333 10/11 Havrilko-UK)
6005 07:09 R Reloj ID, into Mx (??? 10/9 McEntee-TX)
6040 21:39 Impacto noted on this frequency 10/26 clh-MX)
15460 15:48 AWR EE ID "This is Adventist World Radio TIASD coming to you from Alajuela, Costa Rica" (333 10/27 Westenhaver-PQ) (Bill suggests that ASD in the call letters stands for "Adventistas del Séptimo Día". It appears that they had finally decided on the Spanish translation of the church name in time to apply for the call. clh)

GALAPAGOS ISLANDS

4810 01:57 L V de Galapagos anmts for song festival and futbol chomanship in San Cristóbal, ID and into rel Px. (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 Galapagos. 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-NY)
3360 01:27 L V de Mahuala LA Mx fading in and out (321 10/10 Bishop-NY)
3370 01:42 R Tezulutlán SS church service (332 10/10 Bishop-NY)

HONDURAS

3250 01:50 R Luz y Vida ID at 02:01 at close of rel Px (??? 10/15 Jones-TX) (good catch. signal here has been down recently. clh)
4755 01:09 HRRI Mosquito? OM & YL Tx, ID at 01:28 (433 10/1 Bishop-NY)

MEXICO

Except for TELEvisa-SW, all Mexican stations are active. Radio Mil 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 anmts.

PARAGUAY

9735 01:55 OM with w/off anmts. Slogan "L V de la Patria". Said they'd be back at 6:00 AM. Off at 01:57 in middle of MA (354 10/13 Westenhaver-PQ)(252 9/13 Kobylski-MD)

VENEZUELA

3225 00:48 R Occidente ID's at 00:48 & 00:49 (433 10/8 Bishop-NY)
 3254 04:02^M L V de El Tigre ballads with OM DJ, w/off anmts, 5 minutes of anthems at close (222 10/4 George-MC)
 4780 01:34 L V de Carabobo OM with ads, futbol (433 10/1 Bishop-NY)
 4830 05:00 R Tachira ID at 05:14, OM Tx, LA pops (Havrilko-UK)(322 10/19 Bishop-NY)
 4850 06:35 Stevie Wonder and other pop Mx, ID at 06:54 (343 10/11 Havrilko-UK) (433 10/19 Bishop-NY) (I forgot! RADIO CAPITAL clh)
 4980 01:04 Rosca del Torbes ID, PSA for safe driving, ads & into pop Mx (343 10/21 Westenhaver-PQ)
 9660 11:50 R Rumbos PSA for anti-polio vaccination, promo for baseball coverage, TC's with doorbells "Noti-Rumbos" at 11:45 (333 10/20 Westenhaver-PQ)

A note on special Christmas broadcasts. "Posadas" which commemorates the Holy Family's nine days wandering in search of an inn, starts on December 14th. Originally, it involved groups of children carrying candles parading through the streets singing carols. Throughout Latin American, it has become the "party season". The parties (and are they killers!) usually break up around 5:00 AM. Many radio stations stay on all night during this period to provide background music. For Christmas, stations rebroadcast the Mass in Bethel, The Vatican, and then a local Mass at midnight, and at dawn. Local stations follow at least part of this schedule. Christmas dinner is, more often than not, at midnight. New Years Eve is a till dawn affair with a special Mass at midnight or at dawn, and dinner is always at 00:00 LT, so stations remain on. The Eve of Three Kings Day is a time to visit family and friends and share a Rosca de Reyes, a cake baked especially for the day, so late night social events and broadcasts are, again, the rule. Counter to this is that major religious holidays are involved so some stations, especially in Venezuela, reduce their broadcast schedules. In order to operate with reduced staffs during the holidays, many stations rely on network broadcasts and some may go two or three hours between station ID's. This is especially true of temporary networks activated only for the season. And too, expect a few wild cards, a station inactive for economic reasons that decides to get back on the air for a few days because "it's the season".

Christmas, it's a season for old-fashioned DXing. Forget your computer, forget your station schedules, and scan the bands frequency by frequency looking for something unusual. Even if Santa Claus doesn't bring a new receiver this year, he might leave a bunch of rare QSL's.

Although I wish the reports had run past the end of the page, I still have space so I'll add a note. Several people have written with specific questions about stations and equipment that I've answered by letter rather than in the column as it required 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,

EUROPE

Daniel Sampson
Route #1, Box 36
Black River Falls, WI 54615-9714

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



Destination: _____

Flight

Seat Window Center Aisle

BOARDING PASS
Row **EUROPE**

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 RT EE; comments of a visiting Swedish cabinet minister about Albanian culture (444 10/5 Westenhover-QU) 2741 irrigation system (444 10/20 Wakefield-IA)
7300 *0000 RT Albanian; ID, nx (444 10/28 Wakefield-IA)
9480 2230 RT EE; tlk of nxpaper "People's Voice," children speak "Message of Greetings" to the Party in AA, vocals (555 11/2 Robinson-TN)
- AUSTRIA** Radio Austria International
5945 1854 RAI EE; history of the railways, address given, ID @ 1856 w/ sked, IS @ 1857 (544 10/18 Havrilko-U.K.)
2141 RAI EE; intvw w/ head of UNRWA--UN's agency for Palestinian refugee relief, // 6000 (344 10/17 Westenhover-QU)
6155 0135 RAI EE; tlk of furniture making (434 10/27 Soomre-MA)(Gerstner-NY)
0325 RAI FF/EE; tlks, ID, 0330 EE, nx, contry (544 10/17 Miller-CA)
0438 RAI EE; OM/YL w/ nx, ID, Austrian mx (323 10/25 Berrri-CA)
0910 RAI GG; // 6000 & 11915, mx, to Europe, violin mx from famous composers, ID in several langs @ 0930 (555 10/21 Havrilko-U.K.)
9720 0007 RAI GG; "Osterreich journal" current affairs pgm, jammers in background (434 10/12 Rocker-MS)
0057 RAI SS; IS, multi-lingual ID to 0100, into SS (444 10/13 Westenhover-QU)
11935 1256 RAI GG; IS, ID, nx, classical mx (343 10/4 Uetake-Japan)
12015 1500 RAI EE; nx, "Austria Calling," to S.E. Asia (544 10/20 Shreedhar-India)
15320 1230 RAI EE; nx, rpt on the double-tracked railways (443 10/10 Fraser-MA)
1230 1st movement of concerto for alto trombone (555 11/1 Robinson-TN)
- BELGIUM** Belgische Radio en Televisie
5910 *0030 BRT EE; "Radio World" (333 10/27 Wakefield-IA)
9880 0815 BRT EE; ID, jazz, tlk on Flanders community (444 10/30 Trotto-FL)
11660 1935 R-T Belge de la Communaute Francaise FF; hi-life mx w/YL ancr, ID @ 2030 "Radio Belge" (343 10/12 Gerstner-NY)
15590 1329 BRT EE; ID, "Cooking in Belgium," mx, spts (422 10/18 Brown-IL)
17595 0800 BRT EE; nx, "Brussels Calling" (433 10/20 Shreedhar-India)
17675 1624 RTBF FF; raggae/pop mx, to Africa, ID @ 1632 (433 10/25 Orr-FL)
- BULGARIA** Radio Sofia
7115 2149 RS EE; DX pgm (454 10/17 Wakefield-IA)
7230 0502 RS SS; IS, ID, tlk, nx (233 10/21 McEntee-TX)
11735 1828 RS EE; ID, letterbox pgm, covered by KCBI (312 9/24 Twiggs-CT)
- CZECHOSLOVAKIA** Radio Prague
5930 0030 RP EE; YL, nx, Iceland Summit (10/16 Langlois-FL) is time correct?
0133 RP EE; mx, OM vocal aria, comments on exhibition (10/16 Levison-PA)
0210 RP SS; tlk on wld events & American forces (433 10/17 Miller-CA)
6055 0941 RP 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 RP EE; end of cl mx pgm, into II @ 2200, Euro svce (444 10/19 Prath-FL)
7345 0300 RP EE; nx, "Newsview" on Reagan/Gorbachev meeting, Wld Peace Congress, Indian Prez call for nuclear test ban (343 10/15 Wright-MB)
9740 0200 RP SS; IS, SS ID, co-channel QRM via VOA (211 10/30 McEntee-TX)
0223 Czech unions, co-channel RHC (333 10/10 Westenhover-QU)

CZECHOSLOVAKIA continued

13715 1428 RP EE; IS, ID, nx (343 10/4 Uetake-Japan)
 17705 1458 RP lang; IS, YL w/ ID, tlk in unidentified lang (422 10/15 Orr-FL)

DENMARK Radio Denmark

15165 1300 RD Danish; to E. NAM, YL w/ tlk of Social Democrats, aparteid in S. Africa, ID in EE @ 1318 (545 11/1 Robinson-TN)

FINLAND Radio Finland

11755 0937 RF EE; review of Nordic nx, "Northern Report," ID @ 0937, nx of contaminated lithen, wx (444 10/21 Havrilko-U.K.)
 11945 1330 RF EE; ID, Finnish university, intvw w/TV critic, // 15400 (322 10/19 Dillon-MD)
 11950 1259 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)
 1404 RF EE; nx, Swedish radioactive food (433 10/11 Bishop-NY)(Neff-OH)
 1510 RF EE; YL w/ID, local & nat'l nx (333 10/11 Addison-KS)(Miller-CA)

FRANCE Radio France International

3965 1817 RFI FF; OM ancw w/ tlk, slight RTTY QRM (544 10/10 Havrilko-U.K.)
 5995 2129 RFI FF; salsa mx, anmt of strike causing reduced programming, nx bulletin w/ lead stories about labor unrest (343 10/21 Westenhover-QU)
 9860 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 Westenhover-QU)
 15155 1158 RFI FF; freq anmts, accordian mx, ID & nx @ 1200, to E. Europe, // 15365 (433 10/22 Westenhover-QU)
 17620 1405 RFI FF; old mx, OM ancw commenting on the blues (10/2 Levison-PA)
 1600 RFI EE; 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; accordian mx, TCs for Paris & UTC, nx, France getting 1992 Winter Olympics (242 10/17 Westenhover-QU)
 21685 1535 RFI FF; end of "Media France Intercontinents" nx feed svce, repeated ID w/ trumpet fanfare, QSB (253 10/16 Westenhover-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 RBI EE; wld & GDR nx, comtry on GDR & China relations (433 10/27 Soomre)
 6125 2145 RBI EE; Soviet & American tlks in Iceland, GDR nx (332 10/12 Bishop-NY)
 2200 RBI EE; s/on w/ID, long comtry on Iceland summit, GG pgm @ 2230 (444 10/18 Prath-FL)
 2230 RBI GG; nx of Budapest, the GDR, IDs (545 10/27 Robinson-TN)
 2312 RBI EE; comments on African people & Mandella (10/10 Levison-PA)
 11960 0645 RBI EE; ID, nx, mx (333 10/12 Uetake-Japan)
 15145 1833 RBI EE; tlk about GDR leader Erich Honecker's visit to China, ID @ 1840, under strong R. Liberty in RR (222 10/21 Westenhover-QU)
 15240 1250 RBI EE; nx, visit to E. German leader to China (343 10/25 Wright-MB)
 1445 RBI EE; tlk, DX pgm (444 11/3 Miller-CA)
 1530 RBI EE; tlk on Iceland summit (243 10/18 Rocker-MS)(Brown-IL)
 21465 1442 RBI Hindi; closing anmts w/address given in EE, IS, 1443* (242 10/25 Westenhover-QU)

GERMAN FEDERAL REPUBLIC Deutsche Welle

3995 0158 DW GG; YL singing (433 10/10 Bishop-NY)
 1823 DW GG; OM/YL ancw w/ tlk, slight RTTY QRM (544 10/10 Havrilko-U.K.)
 4465LSB 1833 RFE-RL RR?; OM ancw on same time as station on USB (444 10/10 Havrilko)
 4465USB 1837 RFE-RL Greek?; OM w/tlk (444 10/10 Havrilko-U.K.)
 4565LSB 1840 RFE-RL lang; OM in unidentified lang (343 10/10 Havrilko-U.K.)
 4565USB 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, fight against terrorism, debt swapping, Belgian politics (545 10/25 Wright-MB)

GERMAN FEDERAL REPUBLIC continued

6085 2358 Bayerischer Rundfunk GG; EZL mx, 0000 TC for 0100, ID, nx by OM, dominant over co-channel WYFR in SS (433 10/22 Westenhaber-QU)
 6100 0435 DW GG; OM w/tlks, GG band mx, // 6085 (322 10/25 Berri-CA)
 6145 0100 DW EE; ID, nx, German Gov't defends Reagan's stand on Star Wars, Italian 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/possible nx, American pops, ID @ 0515 (233 10/23 Trotto-FL)
 7150 0432 DW EE; nx, opposition to German Gov't reacts to Iceland Summit (222 10/16 Brown-IL)
 7285 0202 DW EE; OM w/nx, ID, comtry on German politics (545 10/11 Watson-FL)
 11750 0139 DW GG; tlk about types of mx, IS @ 0145, ID, sked, wld nx, comtry on Iceland Summit (433 10/19 Dillon-MD)
 15185 1100 DW JJ; nx, comtry, letterbox pgm (343 10/12 Uetake-Japan)
 17750 1615 RFE-RL Tatar-Bashkir; nxcast, OM w/amnts, chants, recitation, OM w/tlk (334 10/16 Orr-FL)
 17765 1128 DW EE; IS, IDs, 1130 s/on amnts, nx (433 10/23 Westenhaber-QU)
 17825 1414 DW Indonesian; pop mx, ID as "Suara Jermani," s/off amnts, 1419* (433 10/5 Westenhaber-QU)
 1510 DW EE; tlk on the Wld Bank study on population growth in Africa & disappearance of Uganda's forest (333 10/11 Gerstner-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 ARO QRM (222 10/14 Gerstner-NY) (Bishop-NY)
 0503 BBC EE; nx, GM to withdraw from S. Africa, Hasenfuss to go on trial in Nicaragua (343 10/21 Brown-IL)
 1815 BBC EE; wld nx, Interpol's new policy on int'l terrorism (555 10/10 Havrilko-U.K.)
 3975 0630 BBC FF; nx, comtry, 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, "Nx abt Britain," // 6120 & 6175 (444 10/17 Dillon-MD)
 0310 BBC EE; African svce, "Nx about Britain," "The World Today," "Afro Beatbox (333 10/25 Preston-CA)
 0455 BBC EE; London/N.Y. stock market rpts (555 10/21 Harnish-IN)
 5995 2000 R. Canada Int'l relay EE; nx, wx, spts pgm (433 10/20 Hesch-NY)
 6040 3204 V. of America relay EE; comtry on Soviet jamming of b/c, blues mx, "Daybreak Africa" (322 10/24 Brown-IL)
 6125 2155 BBC Polish; EE lesson, 2157 "Tu mowi London" ID, nx briefs, 2200 into Hungarian, co-channel RBI absent tonight (333 10/22 Westenhaber-QU)
 7120 0252 VOA relay lang; nx about Pakistan, 0259 EE ID (322 10/17 Orr-FL)
 7170 0513 VOA relay EE; wld nx, comtry, QRM de Moscow on 7165 (322 11/3 Thunberg)
 9410 1715 BBC EE; "Meridian," literary Booker Prize goes to novelist Kingsley Amis (344 10/23 Westenhaber-QU)
 9750 0915 BBC EE; // 9760, 9740 (233 10/11 McEntee-TX)
 1500 BBC EE; terrible het, "Radio Nxrrel," YL w/ID, 1515* (342 10/31 Thompson-CA)
 11680 0200 BBC lang; EE ID, nx in lang (555 10/21 Harnish-IN)
 15070 1045 BBC EE; OM w/tlk, mx & chatter (222 10/22 Alexander-NJ)
 1222 BBC EE; rpt 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-KS) 1444 EE OM, ID into pgm about Queen in China (444 10/15 Orr-FL)
 18080 1512 BBC EE; YL w/ nx, "Radio Nxrrel" (352 10/22 Bush-OH) 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 EE; nx, freq sked, 0351* (454 10/15 Wright-MB)
 1927 VOG Greek; Greek mx, slight RITTY QRM, // 9395 (444 10/18 Havrilko-U.K.)
 9395 2147 VOG SS; Bazouki mx, 2150* (243 10/12 McEntee-TX)
 9420 0130 VOG EE; OM, Greek mx, ID (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 VOC 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 anmt, YL w/Urdu s/on anmts, OM w/nx (333 10/23 Westenhaber-QU)

HUNGARY Radio Budapest

- 0215 RE EE; Arab/Israeli relations, next weeks pgms (342 10/11 Wright-ME)
 9520 0200 RE EE; Pres. Samora Machel of Mozambique killed in plane crash, crisis in Hungary: 10/6/56 (555 10/20 Robinson-TN)(Miller-CA)
 0330 RE HH; IS, ID by OM, // 6025 & 9835 (232 10/17 McEntee-TX)
 9585 1858 RE Hungarian; IS, "Itt Budapest" ID & anmts, tlks about Franz Liszt (333 10/25 Westenhaber-QU)
 9835 2200 RE SS; "Aqui R. Budapest..." YL w/nx, guitar mx (545 10/22 Robinson-TN)
 2240 RE EE; story of famous Hungarian artist-techer, Prof. Laslo & other great Hungarians (444 10/10 McEntee-TX)
 21665 1555 RE EE; history pgm, closing anmts, ID, 1558* (333 10/18 Rocker-MS)

ICELAND Iceland State Broadcasting Service

- 11855 1740 ISBS Icelandic; apparent nx or nx features by 2 OM, YL later, ment of Reykjavik @ s/off, 1348* (353 10/12 D'Angelo-PA)(Westenhaber-QU)
 13775p 1233 ISBS Icelandic; OM tlk w/many ments of Reykjavik, fuzzy modulation, co-channel QRM, QSB (322 10/25 Westenhaber-QU)
 15395p 1903 ISBS Icelandic; OM tlks & intvws 2 other OM, lots of mention of "Island" (Icelandic for Iceland, some splash de Italy-15390 (444 10/25 Westenhaber-QU)

ITALY Radiotelevisione Italiana

- 5990nf 0103 RAI EE; nx by YL, replaces 6010, // 9575 (343 11/3 Westenhaber-QU)
 9575 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 Twigg-CT)
 17780 1700 RAI II; African svce, piano fill, nx @ 1708 (555 10/22 Harnish-IN)
 1900 RAI II; Italian pop mx, ID, 1905* (354 10/12 Rocker-MS)

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" IDs heard (gd 10/8-11 Sheedy-CA)

MALTA Deutsche Welle relay

- 9545 0149 DW EE; IS, ID, freq anmt, 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/anmt in Slovic lang, IS @ 2030*, WRTH listed MW sked shows Polish Sat/Sun w/ 2030*, may be Polish (333 10/5 Westenhaber-QU)

NETHERLANDS Radio Nederland

- 5955 1158 RN EE; // 9715 & 17605, tlk 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 HCJB (333 10/19 Westenhaber)
 9895 2040 RN EE; "Newslne," US-USSR relations, Ghandi 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 QRM (423 10/14 McEntee-TX)
 11740 2045 RN EE; wld nx, tlk about Apartheid in Africa & black churches, "Nxline" "SW Feedback" (444 10/25 Miller-CA)
 13770 0358 RN EE; "Newslne"-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, comtry on bombing in Jerusalem, tlk by YL (444 10/16 Westenhaber-QU)
 15560 1138 RN EE; "Happy Station," some QSB, // 17605 (343 10/19 Dillon-MD)
 1430 RN EE; nx, plane crash in S. Africa was navigation error, "Newslne" (343 10/23 Brown-IL)

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

NORWAY Radio Norway International
 9590 2107 RNI Norwegian; ID in EE by OM, co-channel QRM de Moscow (233 10/12 McEntee-TX)
 9595 1605 RNI EE; "Norway This Week," intvw about Norway moving its diplomatic post from Beirut to Damascus (444 11/1 Brown-IL)
 9610 2222 RNI EE; discussion about life in Norway, mx, QRM de VOA (122 10/12 McEntee-TX)
 9655 1957 RNI Norwegian; Norw. & EE ID (544 10/24 Brown-IL)
 11850 1700 RNI EE; nx, Woman to make journey to S. Pole, // 9590 (252 11/9 Sampson)
 1900 RNI Norwegian; EE ID, nx (544 10/21 Harnish-IN)
 15225 *1858 RNI Norwegian; IS, EE/Norw. ID, short march, nx, mostly covered by test tone from UNID station (fr/pr 10/22 Sheedy-CA)
 15245 1358 RNI IS, EE ID, QRM de DW & VOA (212 10/14 McEntee-TX)
 15310 1305 RNI EE; Norwegian nx, Grouse hunting in Norway, Norw. military svce (333 10/19 Dillon-MD)(Brown-IL)(Robinson-TN)

POLAND Radio Polonia
 7270 2231 RP EE; nx bulletin, rpt from the Tuesday Press Conference, Panorama (233 10/7 Gerstner-NY)

PORTUGAL Radio Portugal
 9680 0037 RDP EE; YL w/nx, sports, ID @ 0043, sked, Travelog on Portugal (434 10/9 Watson-FL)(Bishop-MI)(Langlois-FL)
 2330 RDP PP; ID @ 2230 by YL, bad het (332 10/30 McEntee-TX)
 11825 0140 RFE-RL RR; OM w/tlk, ID (333 10/19 Orr-FL)
 15250 1735 RDP EE; writers competition, stamp design (333 10/13 Neff-OH)
 17725 1835 R. Free Europe Bulgarian; "Kiss" by Prince, ID, tlk, jammed (343 10/12 Rocker-MS)
 17895 1857 R. Liberty RR; tlk, mx to 1900, ID & nx, QRM de Libya (333 10/12 Rocker)
 21745 1609 RFE-RL lang; nx about Samora Machel of Mozambique, ID by YL, comtry (353 10/25 Orr-FL)

ROMANIA Radio Bucharest
 5990 0206 RB EE; mx, singing, splash from VOFC, ID (433 10/6 Hesck-NY)
 0420 RB EE; speech of National Assembly member (343 10/25 Wright-MB)
 7195 2123 RB EE; tlk about Latin origins of Romanian literature, 2126*, CW QRM (343 10/21 Westenhaver-QU)
 9690 2023 RB EE; current five-year plan (222 10/17 Wakefield-IA)
 11940 1305 RB EE; nx, comtry on East-West relations, Asian svce (333 10/25 PrathFL)
 15335 1500 RB EE; ID, nx (333 10/5 Uetake-Japan)
 15340 1358 RB AA; IS, OM w/ID "Huna Bucharest" & anmts, splash de RSI-15345 & RL-15335 (322 10/14 Westenhaver-QU)

SPAIN Radio Exterior de España
 6125 *0455 REE EE; IS, ID, nx, Chirac visit to Spain, British fishing zone around Falklands (554 11/7 Munster-GA)(Bishop-NY)(Brown-IL)
 9630 0130 REE EE; nxcast, wx rpt, concert pianist from Spain (433 10/6 Glover-AF)(Marshall-AZ)(Ruckman-OH)(Grosnevior-CA)(Curtis-TN)(Langlois-FL)(Neff-OH)
 11890 1930 REE SS; SS ID, address (433 10/17 Brown-IL)
 11915 0235 RFE-RL RR; OM w/intvw/nxcast, 0240 "Govorit R. Svoboda" ID (333 10/19 Orr-FL)
 15130 1959 R. Free Europe Bulgarian; tlk by YL, ID, 2000* (344 10/19 Rocker-MS)
 15215 1955 REE FF; upbeat inst mx, ID on hour, // 15375 (344 10/5 Rocker-MS)
 15375 1835 REE EE; nx, President visits S. America, spts roundup, Press Review (444 11/8 Curtis-TN)(Wakefield-IA)
 21575 1530 REE SS; nx, tlk, mx (544 10/16 Shreedhar-India)(Sheedy-CA)(Rocker-MS)

SWEDEN Radio Sweden International
 6045nf 2300 RSI EE; IS, ID, nx (433 11/2 Munster-GA)
 9695nf 1401 RSI EE; nx, Soviet bug found (232 11/6 Sampson-WI)
 11705 1600 RSI EE; nx, comtry, "Sweden Calling DXers" (544 10/21 Shreedhar-India)
 11785 1400 RSI EE; ID, electronic mx festival (333 10/19 Dillon-MD)
 15190 1229 RSI EE; IS, Al Simon w/ s/on anmts, nx, QRM de Vatican (322 10/21 Westenhaver-QU)
 15345 141 RSI EE; segment discussing the ties between Great Britain & Sweden in literature & mx (444 10/13 McNeill-AL)(Wright-MD)(Bush-OH)(Bishop-NY)
 15390 093 RSI EE; nx of foreign submarines still violating territorial waters, two path echo on f/out (444 10/21 Havrilko-U.K.)
 21555USB 141 Sveriges Riksradio Swedish; ID, back to some sort of Radio Play (353 10/25 Trotto-FL) 1505 tlk by YL, intvws (252 10/18 Rocker-MS)

SWITZERLAND Swiss Radio International
 3985 1820 SRI EE; OM w/ID @ 1821, "Dateline Friday" (555 10/10 Havrilko-U.K.)
 6135 0216 SRI EE; reading & answering letters, ID (554 10/6 Hesch-NY)(Miller-CA)
 6190 2229 SRI EE; IS, ID, TC, nx, Barcelona wins 1992 Olympics, Red Cross can't deliver supplies to the Sudan, "Dateline" (544 10/17 Brown-IL)
 9725 0100 SRI EE; nx, comments about upcoming meeting in Iceland between Reagan & Gorbachev (433 10/6 Glover-AR)(Levison-PA)(Brown-IL)
 9885 0220 SRI EE; Swiss SW Merry-Go-Round, ID, into GG (444 10/19 Curtis-TN)
 11955 2105 SRI EE; ID, nx, "Swiss SW M-G-R" (433 10/11 Neff-OH)
 12030 1317 SRI EE; "Swiss SW M-G-R," Swiss mx (343 10/11 Gerstner-NY)(Brown-IL)
 15570 1330 SRI EE; to S.E. Asia & Indian subcontinent, wld nx, "Sunday Supplement" (433 10/26 Dillon-MD)
 17570 1540 SRI EE; "Dateline," comtry about diplomatic relations being dropped by Britain to Syria, Swiss stock exchange (434 10/25 Curtis-TN)(Berrri-CA)
 17830 1545 SRI EE; cost of reworking ski slopes, FF nx @ 1600 (544 10/22 Harnish)

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 RM Nikolayev Ukraine (UHN) EE; "Sidelights of Soviet Life" (455 10/19 Rocker-MS)
 5925 2105 R. Tallinn Swedish; IS, s/on, opening mx, OM w/nx (322 10/24 Soomre-MA)
 6010 2023 RM Nikolayev Ukraine (RDI) FF; to Europe, comtry, ID (343 10/15 Orr-FL)
 6035 2136 RM EE; "Listener's Request Club" (434 10/12 Westenhaber-QU)
 7110 2330 RM EE; comtry on summit in Iceland (444 10/14 Langlois-FL)
 7165 0055 R. Kiev EE; intvw w/ John Denver (343 10/25 Wright-MB)
 2310 R. Vilnius EE; tlk about the Iceland summit, Lithuanian mx pgm w/ listeners letters & requests (444 10/22 Prath-FL)
 7205 0030 R. Kiev Lvov Ukraine (RDI) EE; rpt on Gorbachev's return from Iceland meeting (343 10/14 Fraser-MA)
 7260 *0100 R.S. Peace & Progress Creole; nx by OM, ARO QRM (433 10/25 Westenhaber)
 7300 0123 R.S.P.&P. Creole; ID, tlk about spending Star Wars money instead of on Third World Development, QRM Tirana (343 10/26 Westenhaber-QU)
 7310 0000 RM Armavir ERSFSR (UHN) EE; nx, "Moscow Mailbag" (454 10/9 Fraser-MA)
 7360 *0000 R.S.P.&P. SS; bad splatter from WRNO (212 11/2 McEntee-TX)
 0400 RM Krasnodar ERSFSR (RDI) SS; IS on hour (222 10/22 McEntee-TX)
 9820 0015 R.S.P.&P. Lvov Ukraine (RDI) SS; ID, tlk (344 10/12 Rocker-MS)
 11790 2322 R. Vilnius EE; question from listener, Lithuanian mx (233 10/6 Gerstner)
 13310 1452 RM EE; aliens from outer space, science fiction (433 10/11 Bishop-NY)
 13615 1320 RM EE; // 15375, 15225, 13790, 13665 & 11840, QSB, nx in brief @ 1329, "Soviet Way of Life" (343 10/16 McEntee-TX)
 13755 0620 RM Simferopol Ukraine (RDI) RR; Mariners svce, YL w/RR mx, IS @ 0630 (232 10/27 Preston-CA)
 13790 1330 RM EE; nx in brief, "Marxism Today" (444 10/18 Rocker-MS)
 15375 1350 RM Simferopol Ukraine (UHN) EE; promoting new "RR by Radio" (444 10/5 Brewer-AR)
 15762 1712 RM EE; comments on anti-nuclear war (10/7 Levison-PA)
 17645 1309 RM EE; wld nx, "The Way We See It" (243 10/18 Rocker-MS)
 17820 1420 RM EE; tlk about US Gov't support of S. Afr. (323 10/5 Westenhaber-QU)

VATICAN CITY STATE Vatican Radio
 6150 *0215 VR SS; IS, SAM harp mx, tlk about Pope's meeting w/Columbian churchmen, splash de DW-6145 (333 10/21 Westenhaber-QU)
 6250 1901 VR II; OM w/tlk, ment of Mother Theresa (555 10/18 Havrilko-U.K.)
 9605 0031 VR II/EE; rel mx, tlk by YL, "Going Home," into EE @ 0052, Pope prays for wld 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 svce (433 10/17 Wakefield-IA)
 15090 1430 VR EE; clear ID @ 1449, nx, abrupt off @ 1455 (221 11/12 Kolb-NM)
 15405 1407 VR SS; 2 OM tlk about early Jesuit missionaries in Latin Am. (444 10/31 Westenhaber-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 Twiggs-CT)
 7240 2233 RY FF; YL w/nx, sports & wx, ID, tlk about visiting Turkish President, bad het & ARO QRM (322 10/19 Westenhaber-QU)
 9620 1907 RY Yugoslavian?; YL w/ID, // 6100 (322 10/18 Havrilko-U.K.)
 11735 *0700 R. Novi Sadi Hungarian; IS, ID by YL, freqs, nx (444 10/25 Trotto-FL)

733 Sanil

Africa

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

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

Submission Deadline is the 12th.

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

[This ► means a best bet for ECNA. This ► means the same for WCNA. Sorry, I ran out of dots. -ed.]

ALGERIA

- 7246 0825 R. Algiers: Kaby1?; AA mx, W and M ancrs. 443(10-19 Havrilko-UK)
 ► 9509.2 0728 R. Algiers: FF; schmaltzy Francopop mx, chatty M/W djs, distorted audio. //clearer 9535. 343(11-16 ed.)
 15205 1000 R. Algiers: AA; time sig w/W ID, then pgm w/M. 252(11-1 Welch-MA).
 1701 VO Palestine Relay: AA; nx headlines, ID "Hatha sawt ul-Filisteeni sawt uth-thawrat il-Filisteeniyyah", PLO nx. 433(10-11 Dillon-MD)
 ► 17745 2004 R. Algiers: EE; world nx, ID; b/c to Africa/Europe. 433(10-6 Hesch-NY)

ANGOLA

- 4820.2 2112 R. Nacional(t): PP; M tlk over rap record, Stevie Wonder & lcl mx to 2125 TC, 90% sure ID'd as Luanda, not Huila. 333(11-15 ed.)
 4952 0356 ER da Huila: PP; M tlk to ID @0358 "de...transmite RNacional de Republica Popular de Angola.", mx to 0400 nx. Xmtr hum. 422(11-7 Orr-FL)
 5056v! 2102 ER da Huila(t): SS; nx for Cubans to 2115, then semi-clas mx. Carrier jumping all over place + audio hum= prob 4952 xmtr wandering. 333(10-24
 9535 1559 R. Nacional: PP/EE; synth IS, ID in PP/EE/FF, fanfare @1600, then |ed.) "You are tuned to the pgm in EE on the Int'l Sce of the Angolan National Radio b/c'ing from Luanda". 5 min nx, jazz mx. //11955.2 hrd weakly as well. fr(10-21 Sheedy-CA).[Switzerland dominates on ECNA.-ed.]

ASCENSION ISLAND

- 6005 0034 BBC Relay: EE; pgm of classical mx. 333(10-19 Curtis-TN)
 7105 0430 BBC Relay: FF; ID foll by nx. 444(10-17 Brown-IL)
 7160 0530 BBC Relay: EE; African Sce: mailbag pgm, Names in the News. 344(11-2 Preston-CA). @0421 Brit Nx. 444(10-9 Brown-IL). 454(10-6 Brewer-AR)
 9600 0257 BBC Relay: EE; IS to 0259, s/on amnt w/mnt Atlantic Relay, nx. 444(10-13 Westenhaver-QUE). 444(10-22 Brown-IL)
 ► 11820 1708 BBC Relay: EE; rpt on student riots in S. Korea. 444(10-31 Grosvenor-CA). @2005 W w/nx, 24 Hours: Muslim demonstrations in Saf. 433(11-1 W'hav-QUE)
 11860 0715 BBC Relay: EE; disc terrorism, Afr nx @0730. 333(10-27 Lord-CA)
 15105 1940 BBC Relay: Hausa; tlk on Mozambique, ID, off @1945*. 353(10-17 Wakefield-IA)
 ► 15260 2045 BBC Relay: EE; Aussie rules football. 455(10-13 Wright-MB). 454(10-29 Mc Cants-AL). 443(10-19 Miller-CA). 343(10-18 Brewer-AR)
 15400 1745 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)
 17880 1701 BBC Relay: EE; nx to 1710, Afro nx, African Perspective: dangers of mining. 343(10-19 Thompson-CA). 343(10-5 Westenhaver-QUE)

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

BENIN

- 4870 2140 LV de la Revolution: FF; mixed bag of mx: hilife, Francopops, Cuban style; a few off-the-cuff "Lv Voix de la Revolution" ID's. 444 (10-11 Forsgren-WI). 353(10-24 Welch-MA). 343(10-8 Havrilko-UK). 333 (10-14 Soomre-MA). @0523 M dj, lcl mx. 232(10-30 Preston-CA)

BOTSWANA

- 3356 1918 R. Botswana: EE; M w/nx to mx @1922. RTTY/CW QRM. 332(10-18 Havrilko-UK)
 ➤ 4820 0357 R. Botswana: EE/vern; usual barnyard IS w/bells, cows mooing (now that reminds me of a story) and roosters crowing. IS til past 0405. QRM de HRVC. 322(9-21 Moman-AB). [So let's hear the story, Don. -ed.]. 333 (10-16 Witte-CA). 544(10-23 Miller-CA). 344(10-24 Preston-CA). @2053 vcl mx, prayer; anthem & off 2059*. 353(11-4 Welch-MA). 433(10-2 Bishop-NY)
 7255 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 Westenhaber-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. Bertoua: EE/FF; drum IS w/continuous IDs in EE/FF; NA @0426, drums, ID in vern, then W nx in FF. Also noted nx 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 nx, ID ".Nat'l Sce of R. Cameroon..", hilife mx to 2100 ID, then nat'l/world nx. 353(10-18 D'Angelo-PA). @ 2305..343(10-17 Welch-MA). 222(10-18 Richmond-MD)
 ➤ 5010 *0428 R. Garoua: EE/FF; IS, NA, s/on anmts in EE/FF/vern, 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

- 15365 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 ancrs, 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 anmts @2157, NA & sign-off. 353(11-5 Welch-MA). 343(10-23 Thunberg-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 R. Cairo: EE; mx, nx: Egypt condemns terrorism against civilians, Iraq/Iran war. 444(10-28 Brown-IL). 444(10-12 Langlois-FL). 322(10-17 Miller-CA). 222(10-13 Stephenson-CA)
 9675 0225 R. Cairo: EE; nx, ID, pgm "Egypt's Foreign Policy". //9475. 343(10-10 Westenhaber-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 KVOH-9852.5. 322(11-17 ed.)
 9900 0209 R. Cairo: AA; AA mx, ID @0214 "Min al-qahira..", into interview pgm. 444 (10-10 Westenhaber-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, anthemic 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/trlk abt medieval poet al-Mutanabi, ID, wrl'd
nx @2100, 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. 353(10-17 Orr-FL)

EQUATORIAL GUINEA

- ▶ 5003.9 2321 R. Nacional, Bata: SS; on late for Independence Day celebrations; tribal
mx, live speeches, occ IDs; NA & s/off @0104*. 353(10-11 D'Angelo-PA).
422(10-11 Forsgren-WI). 444(10-16 Twiggs-CT). 252(10-18 Welch-MA). 332
(10-18 Havrilko-UK)
- 9553.3 2102 R. Nacional: SS; W w/nx, mx bridge, M w/ID, cmty. 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 unid feat 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", cmty abt Japan &
Gorbachev. 444(10-26 Brewer-AR). @0458 JJ/EE IDs. 444(10-19 Brown-IL)
- 9645 2315 R. Japan Relay: EE; pgm on subways; no live feed from Tokyo. 443(10-7
Pogue-TN). same pgm as Sackville relay. 433(10-15 Neff-OH). 433(10-9
Brown-IL). 322(10-18 Dillon-MD)
- ▶ 15200 1458 Africa #1: FF/EE; FF ID, mx, EE ID, brief EE nx. 444(11-1 Brown-IL). 343
(10-26 Wright-MB). 353(10-18 Wakefield-IA)
- ▶ 15475 1900 Africa #1: EE/FF; Afr & world nx, ID, back to FF @1910. 353(10-18 Wake-
field-IA). 444(10-17 Brown-IL). 453(10-21 Thompson-CA). 444(10-10 Brown
-IL). [moves hr from 15200 @ approx 1706 after bk to retune xmtr.-ed.]
- 17785 *1500 R. Japan Relay: EE; IS, ID, TPs, nx. QRM VOA Tangier-17780, BBC-17790.
Replaces 21700. 333(11-3 Thunberg-PA)
- 21700 1604 R. Japan Relay: JJ; M w/world nx, 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
9625? -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 nx 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 amnts w/M&W, 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; nx & 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 Soomre-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 W'haver-QUE). 454(10-17
Wakefield-IA). 555(10-18 Orr-FL)

3) ALL AT ONCE THROUGH MY HEADPHONES 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 DIXIE'S NIGHTMARE -- YOU'LL SEE WHAT I MEAN.

KENYA

4885 2006 VO Kenya: Swahili; M & W tlc (nx?) to 2011, then W ID, more tlc by M, M choral NA @2013, off 2014*. vy poor(10-22 ed.)

LESOTHO

4800 1808 R. Lesotho: Sesotho; reggae mx, ID @1814. QRM adj numbers stn. 432(10-17 Havrilko-UK). @0401...343(11-1 Thompson-CA). 444(10-21 Miller-CA)
[BBC 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: ??; 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 nx. 433(10-2 Bishop-NY)
6035 0506 VOA Relay: EE; African nx, ID @0510. 322(10-20 Berri-CA). 433(10-11 Brown-IL)
7280 0458 VOA Relay: EE; VOA Sunday Morning: Nx, Motown mx. 333(10-12 Brown-IL)
9550 0438 VOA Relay: EE; tlc 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, nx. 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-thawratiiyyah". [You sure you're not just making all this up, Peter?-ed.] 433(10-11 Dillon-MD)

MADAGASCAR

➤ 9540 1904 R. Nederland Relay: EE; Afr Sce, answering listeners' questions about agriculture. 222(10-17 Brown-IL). 433(10-9 Hesch-NY)
9715 2110 RN Relay: EE; Happy Station; mail call. 242(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 & maiing. 544(10-28 Shreedhar-IND)

MALAWI

5995 0359 MBC: Chichewa; VOA off to switch xmtrs, hrd M "...ku MBC", TC, freqs, into nx; killed by reappearance of VOA @0403. This is virtually the only chance we in ECNA 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 tlc 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 Mauritanie: AA; AA mx to 2300 nx foll by excerpts of live speeches, @2336 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 mix of EE/FF rock mx from 2213. 343(10-8 D'Angelo-PA)
15335 2030 RTV Marocaine: AA; tail end of ID "...arabiyya maghribiyya", into mx pgm w/w ancr. 222(10-11 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)

9) THE POWER MESSAGE I GOT MOM FOR HER HANDS
WAS PUMPING 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 hilife mx. 444(10-13 Gerstner-NY)

NIGERIA

➤ 4770 2115 R. Nigeria-Kaduna; EE; tlk on rural development pgm, ID, TC, tlk abt computers in Nigeria. 233(10-14 Gerstner-NY). 433(10-2 Bishop-NY). 353(10-17 Welch-MA). 333(10-18 Richmond-MD). @0500 nx, R. Kaduna ID. 533(10-20 Harnish-IN).

4990 2057 R. Nigeria-Lagos: EE; TC, ID, nx, cmty on airfare increases; overmodulated. 232(10-23 Gerstner-NY). 344(10-23 Brown-IL). 353(10-17 Welch-MA). under R. Yerevan. 432(10-22 Havrilko-UK)

➤ 7255 0447 VO Nigeria: EE; chime IS to 0451, tlkg drums to 0459, NA, M ID "This is the World Sce of the VO Nigeria..." (pretentious, eh?) [no more so than, say, Yugoslavia assuming it's speaking to the world-ed.] 333(10-31 Westenhaver-QUE). 444(10-26 D'Angelo-PA). 222(10-21 McEntee-TX). 554 (11-2 McNeill-AL). 444(10-21 Brown-IL). 433(10-21 Wakefield-IA). @2028 in vern. 323(10-17 Orr-FL). @2104 in FF. 343(10-31 Westenhaver-QUE)

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: mix of nx & mx. 433(10-30 Harnish-IN)

SEYCHELLES

9610 0310 FEBA: Swahili; IS & ID @0310, then pgm of Afr mx. 232(10-30 McNeill-AL)

11755 0345 FEBA: AA?; IS and sign-on anmts. 222(9-15 Moman-AB)

15120 0730 FEBA: EE; news, DX program w/details on antenna. 544(10-19 Shreedhar-IND)

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)

3230 0348 R. RSA: EE; M disc Saf education; ID & freq data. 232(10-21 Preston-CA)

3955 0245 R. Orion: Afk; M dj, Bing Crosby mx, covered by BBC @0250. 322(10-15 Shaffer-PA). 322(10-21 Preston-CA)

➤ 4880 0408 R. Five: EE; ads for Jockey shorts & Lion beer, local TCs, M ancr w/soft rock mx. 443(10-16 Thompson-CA). 344(10-13 Brown-IL). 343(10-8 Moman-AB). 333(10-21 Preston-CA). @2019 soft rock mx, M dj, ads for bldg supplies, toothpaste, cigarettes. 252(11-4 Welch-MA). 322(10-19 Richmond-MD)

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(10-1 Moman-AB). @1730...432(10-21 Shreedhar-INDIA)

4990 0402 R. RSA: EE; ID, African nx, 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; nx: realignment in Saf gvt positions. 322(11-5 Brown-IL)

➤ 6010 0247 R. RSA: EE; Saturday Night RSA. This freq replaces 6015 for D86--good nx For Nicaragua fans! [unless Nicaragua moves-ed.]. 343(11-2 Westenhaver-QUE). 444(10-10 Wright-MB)

6015 0245 R. RSA: EE; pgm abt antique radios, SPEEDX report. 333(10-26 Marshall-AZ). 333(10-21 Westenhaver-QUE). 233(10-13 McEntee-TX). 433(10-19 Neff-OH). 544(10-17 Valentine-CA)

7270 0343 R. RSA: EE; Talking Point: president Johannesburg C of C. 444(10-21 Brown-IL). 333(10-15 Shaffer-PA)

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

9615 0244 R. RSA: EE; pgm abt chemical process for raw ore. 444(10-14 Brown-IL). 544(10-17 Valentine-CA). 444(10-28 Addison-KS). 444(10-12 Langlois-FL)

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

S) JAMIE WAS PLAYING WITH HER NEW COMPUTER
IT TOOK ALL THE STRENGTH THAT I HAD NOT TO SHOUT HER.
WHEN JIMMIE PLUGGED IN HIS NEW CIRCULAR SAW
THE CURSES I FELT, WELL, ARE AGAINST THE LAW.

SOUTH AFRICA (cont.)

15180 1848 R. RSA: GG; M ment "Johannesburg 2000", 1856*. 242(11-1 McEntee-TX). 333
(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; nx, IDs, Editorial Comment, Africa Review. gd(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
Havrliko-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 tkl 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 nx. 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 Havrilko-UK). 353(10-17 Welch-MA)

TUNISIA

11730 0833 R. Tunis: AA; W ancr, 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 nx. Some splash de RFI-17620. 433(10-23 Westenhaver-QUE). 443(11-6 Orr-FL)

UGANDA

4975.9 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)

G) 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?" - A Q.

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 1300-1900UTC 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 regionals have the resources 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.

UTC TIME	STATIONS	UTC TIME	STATIONS
0000	BBC Ascension 6005 EE	0600	Mozambique 9618
0100	Libya 7245		Congo 9715 (good luck), maybe 15190
0200	Egypt 9475, 9675 EE		Ghana 4915 EE
	RSA 5980, 6010, 9615 EE		Guinea 4900
	Madagascar 4959.6 irregular		Ivory Coast 6015
0300	RSA 9585, 7270 EE		ELBC Liberia 3255
	Somalia 7199.9		Senegal 4890
	Burundi 3300 (mix w/Guatemalan)	0630	RSA 9585, 7270, 11900 EE
	Comoros 3330.8 (optimum condx)	0700	Algeria 9509v, 9535
	Rwanda 3330v (ditto)	0800	Mali 7285.5
	Djibouti 4780 (ditto again)	1100	Somalia 9585
	SouthWest Africa 3270, 3295	1300	Tanzania 9684
	Swaziland 4760		Mozambique 9618
0330	Tanzania 9684, 4825 EE		Egypt 17745
0350	Zambia 4910 some EE	1400	Gabon 15200
0355	Botswana 4820 some EE		Tunisia 17610
0400	Lesotho 4800	1500	Ethiopia 9560 EE
	SABC 3955		R.MC, Morocco 13695
	R. 5, RSA 4880 EE	1600	Angola 9535 EE
	Uganda 5026 some EE		Japan/Gabon 17785
	RFI Gabon relay 7135 EE		Morocco 17595
	FEBA 11755		VOA Liberia 15600
0430	Cameroon 4750, 4795, 5010, 4000	1630	Egypt 15255
	DW, Rwanda 9565 EE		Swaziland 9550
	Kaduna, Nigeria 4770	1710	Gabon 15475
0500	Eq. Guinea 5004v	1730	Zaire 15245 (to 1800)
	Nigeria 7255 EE	1800	Mozambique 9618 EE
	Chad 4920		Nigeria 15120 EE
0530	Niger 5020	2000	Libya 15450 poss EE
	Ghana 3366		Algeria 17745 EE
	Burkina 4815		Egypt 9805
			Mali 4834

HEAR AFRICA (cont.)

UTC TIME	STATIONS
2000	Tanzania 5050 (to 2015v*) Tunisia 7275
2030	Egypt 15375 Uganda 4976 (to 2100*)
2100	Benin 4870 Cameroon 4750, 4850, 5010 all EE Chad 4920 Eq. Guinea 5004v Angola 4820v Nigeria 4770 E
2200	Libya 11815 Burkina 4815 Canary Isl. 15365 Centr Af Rep 5034 Gabon 4830 Ghana 3366 Ivory Coast 11920 Mauritania 4845 Medi-Un, Morocco 9575 Zaire 15245 (to 2230) Togo 5047 Tunisia 12005 Sierra Leone 5980 (Maybe)
2300	Japan/Gabon 9645 ELBC Liberia 3255 ELWA Liberia 4760 Senegal 4890

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 Racal 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) 861-6118 after 0130 UTC.

FOR SALE: JRC NRD-505 with speaker, \$550. **Icom R-70,** \$350. **Hammarlund HQ-180A** with speaker, \$125. **Kenwood SP-100** speaker, matches R-2000, \$25. **Bearcat CP2100** computer scanner for use with C-64, \$150. All equipment in excellent condition. I pay shipping. Speed Gray, phone (616) 674-2153 after 2100 UTC.

FOR SALE: Realistic Pro-25 8-channel, 3-band scanner, used two months, two antennas. Crystals and batteries not included, \$90. I pay

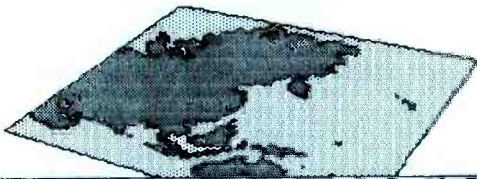
UPS. Harold Woering, 48 Campbell Drive, Easthampton, MA 01027-2724. Phone (413) 527-6606.

FOR SALE: Receiver manuals-service and instruction, for **Drake, Eddystone, Hallicrafters, Collins, Hammarlund, etc.** Send SASE for list and prices to J. Ferrell, 52 Park Avenue, Park Ridge, NJ 07656.

WANTED: International Reply Coupons (IRCs), no trades please. Richard Lemke, 60 Butterfield Crescent, St. Albert, Alberta T8N 2W7, CANADA.

WANTED: Used WRTHs from 1969 or before. Radio Moscow report forms in German or Portuguese, copy of Radio Finland reception report form. I have copies of Radio Moscow's French and Spanish forms available for SASE. Edward C. Soomre, One Alcott Drive, Northboro, MA 01532. Phone (617) 393-6052.

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, \$9.50. Jim Uerlings, 1437 Pacific Terrace, Klamath Falls, OR 97601. Phone (503) 884-7659 after 0145 GMT.



ASIA/OCEANIA

Bob Thunberg
409 Burt Street
DuBois, PA 15801

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

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 Kiritimati (Christmas Island). Yeah..I realize that R. Kiribati has been inactive but I picked them as a seasonal example to let all A/O 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/O columns this year:

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

There were a number of you who only missed one column, including Don Brewer-AR, Ed Soomre-MA and Wm. Westenhover-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/O. 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: t1k on Bangladesh economy (443 10/18 Havrilko-UK)
 15525 1233 RB: EE: nx, 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: t1k 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 t1k; USB Ute QRM (432 10/17 Miller-CA)

/CHINA, PEOPLE'S REP./

R. Beijing; Cent. People's Bcast Stn

4760p 1235 Yunnan PBS: CC: long winded YL; no ID noted; also hrd briefly @ 2305 via long path (222 10/18 Forsgren-WI) mx, OM t1k (232 10/21 Miller-CA)
 4785 2103 Zhejiang PBS: CC: CC mx, ID on the hour (433 10/19 Bishop-NY)
 5800 1046 Xinjiang PBS: UIGHUR: pgm of lcl mx; chime, TP @ 1100, off-key pip into presumed nx (333 10/19 Orr-FL) TX)
 6560 1054 RB: CC: mx w/YL ancr; 1055* into RR @ 1100; //9480 (233 10/13 McEntee-6933t 1219 RB: CC: M w/t1k, orch mx, W w/pgm (333 11/3 Quaglieri-NY)
 7350 1145 RB: BURMESE (presumed): OM t1k, CC instl mx; IS & 1156*; WRTH lists both Burmese & Thai w/*1130, but Burmese is listed as 1/2 hr while Thai listed as hour-long bcast (333 10/10 Westenhover-QUE) (142 10/16 McEntee-TX)
 7820p 1635 RB: RR: OM t1k, 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 t1k to ID @ 2155, IS & 2156*; back @ 2200, again in RR; //9290 (242 10/29 Thunberg-PA)
 9380 1131 RB: CC: Taiwan Svc of vcl mx w/YL ancr (252 10/19 Welch-MA)

CHINA cont.

9440 1935 RB: EE: ID, world nx; hvy jamming (422 10/18 Havrilko-UK)
 9455 1430 RB: TAMIL: nx, 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: EE: CHINA ANTHOLOGY, MUSIC ALBUM pgms (433 10/26 Alexander-NJ)
 9550nf *0000 RB: EE: IS & s/on anmts; replaces 15445 for D86-bad choice since under co-channel R. Habana in SS (222 11/3 Westenhaver-QUE)
 9645 1211 RB: EE: nx abt China, cmtly on aid to Contras; //9535 tho not ancd as for ECNA (343 11/2 Westenhaver-QUE) Bill, I believe this freq is for ECNA-RB sometimes sticks in an unannounced freq; they were on 9730 to WCNA a long time before listing it...ed.
 9730 1300 RB: EE: wld nx, tlk abt Long March (434 10/22 Pike-NM)
 9750t 0808 Nei Menggu PBS: CC: YL tlk, CC mx; echo (long & short path?) (333 10/21 Havrilko-UK) CA)
 9800 1019 CPBS Kunming: CC: YL tlk, some mx; muffled voice & QRN (353 10/3 Donegan-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 CC: instl CC mx, YL 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 QRM (332 10/14 Miller-CA) CA)
 11600 1645 RB: EE/CC: CC lang lesson; organ mx, sked & 1656* (333 10/13 Zirkelbach-1245 RB: EE: LETTERBOX on opera studies in China (433 10/12 Curtis-TN)
 1645 RR: CC EZL 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 pgmming (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, "Aqui R. Pekin" IDs (343 10/24 Prath-FL)
 15120 2331 RB: SS: "China Construje" w/tlk on Shenzhen Special Economic Zone; hrd 7/s 15180, 15445, 15600 (343 10/10 Westenhaver-QUE)
 15165 0000 RB: HAKKA: IS, IDs "Beijing guangbo dientai", nx; // 15330 (333 10/13 Rocker-MS)
 15445 0001 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 EE: 10th Asian Games report (353 10/15 Wright-MB)
 17650 0250 RB: SS: W reading short story w/instl mx; ID & sked for LAM & Spain, //15100, 15120 (good 10/25 Sheedy-CA)

/CYPRUS/British Broadcast Corp Relay

7135 0215 BBC: EE: RADIO NEWSREEL; this freq carries alternate pgm for SAsia at 0145-0200 and 0215-0230 (333 10/25 Westenhaver-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)
 9909 2130 AIR Delhi: EE: film mx, nx @ 2200 (333 10/7 Forsgren-WI) NY)
 11620 1920 AIR Aligarh: EE: lcl mx, YOUTH IN FOCUS, nx @ 2000 (343 10/11 Gerstner-2205 EE: nx, cmtly on S. African sanctions (333 11/1 Prath-FL)
 11725 1033 AIR: EE: tlk on winter sports in India; Indian Press Review, nx headlines & 1100* (332 11/1 Welch-MA)
 15335t 1427 AIR Aligarh: UNID: solid Indian mx to 1445 (332 10/10 Neff-OH) don't confuse w/Morocco...ed.
 17875 1000 AIR Aligarh: EE: nx, 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 (332 10/14 Twiggs-CT)
 1540 Unid lang: nice Indo mx, some pops; IS "Song of the Coconut Is." & 1610* (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 carillon usually before nx bcasts and Ambon is played on a keroncong (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 anc; 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 Cushen, SCDX]

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

IRAN V. of the Islamic Republic of Iran

9022 1953 VOIRI: EE: cmt; on Afghanistan, mx, wld nx (454 10/1 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
 Westenhaver-QUE) nx & cmt; (544 10/22 Shreedhar-India)

IRAQ R. Baghdad Sawt ul-Jamaheer

9770 0135 SuJ: AA: drama pgm, ID, Call to Prayer, AA mx; TPs @0200, nx, Qur'an
 recitation (333 10/26 Dillon-MD)
 11750 0125 RB: EE: AA mx, tlk on Iraqi Art Festival (544 10/23 Wright-MB) RB must
 use this freq on sporadic basis now as I haven't hrd them here for a
 long while...ed.
 13650 1913 SuJ: AA: cmt; abt Syria, anmts, ID, mx (443 10/15 Orr-FL) // 13700 that
 is jammed (453 10/22 Bush-OH)
 13700 2000 SuJ: AA: cmt; abt Iranians, mx (433 10/22 Harnish-IN) Herb says he tapes
 these bcsts 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 Communique #2411 (!) (333 10/21 Westenhaver-QU) (211 Forsgren-WI)
 2240 EE: AA mx, cmt; on war w/Iran; QRN (333 10/19 Prath-FL)
 15300 1400 RB: AA: YL anc; w/AA mx; nx @ 1500 (252 10/7 Donegan-CA)

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

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)
 *2000 EE: nx, Jewish News Review, FAITH TO FAITH (343 11/13 Thunberg-PA)
 9009 2235 KI: EE: nx of downed Israeli fighter; //9435 (343 10/18 Prath-FL)
 9012nf *2000 KI: EE: nx read by Rubin David Miller; anc; as replacing 9009; hrd //s
 9435, 7465, 5885 (222 11/2 Westenhaver-QUE)
 9435 0000 KI: EE: wld nx & cmt; (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 Hesch-NY)
 2230 EE: tlk on banned US basketballer (545 10/29 Robinson-TN) nx, cmt; &
 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) 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-CA)
 15235 2330 RJ: EE: wld nx; some fading (332 10/13 Miller-CA) (10/26 Levison-PA)
 17755 2218 RJ: JJ: wld nx; LAm style mx sung in JJ (444 10/21 Preston-CA) intvw,
 ID "Hochirawa Rajio Nippon NHK"; beamed to SAM & //15235 to SE Asia
 (343 10/9 Westenhaver-QU) 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: nx 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. PEOPLE'S REP./ Korean Cent Bcast Stn R. Pyongyang

6250p 0917 KCBS: KK?: choral mx pgm; 0930* w/out ID or anmts (252 10/25 Welch-MA)
9345 1401 RP: FF: YL tkl, vc mx (353 10/4 Donegan-CA)
2034 EE: ID, pgm of choral mx beamed to Europe; must be long path-surprised to hear this early in winter (242 10/10 Westenhaber-QU)
9715 *1200 RP: EE: nx of Kim Il Sung mtg w/foreign guests (232 10/10 Westenhaber)
9960 1205 RP: SS: nx, ID; surprised to find this freq //9977; some Ute QRM (243 10/19 Westenhaber-QUE)
9977 1145 RP: EE: ID, martial mx (242 10/9 Twiggs-CT) CA)
1700 EE: tkl on Soviet/N.Korean relations, martial mx (433 10/22 Zirkelbach-CA)
2146 FF: ID, sked & 2150* (333 10/14 Miller-CA)
11681 0157 RP: YL tkl to ID @ 0220, mx (333 10/26 Rocker-MS) lang was KK
11735 2330 RP: EE: "Korean Economy in Progress"; //13650; into SS @0000 (gd 10/9 Shedy-CA) cmtly on US/S.Korean war preparations (322 10/19 Richmond-MD)
13650 2333 RP: EE: usual dry cmtly & martial mx (332 10/14 Twiggs-CT) tkl of US imperialism (444 10/20 Valentine-CA) tkl on Seoul Olympics (Zirkelbach)
15140 0010 RP: EE: long, boring tkl on Communism; QRM de co-channel Chile; // weaker but clearer 15160 (322 10/19 Rocker-MS)

As I type this, comes 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

7275 1730 RK: SS: nx & cmtly to LA; ARO & Ute QRM (444 10/20 Miller-CA)
7550 1802 RK: KK: KK mx, YL tkl w/ments of Asia & America (444 10/20 Miller-CA)
9570 0600 RK: EE: tkl 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 KK: probably them w/tlk, pop mx (354 10/18 Rocker-MS)
15575 0021 RK: EE: MAGAZINE pgm incl report that 8-9 Nov is Korean Day at Disneyland (343 10/27 Brown-IL) nx & cmtly (444 10/15 Miller-CA)

/KUWAIT/ R. Kuwait

9840 2045 RK: AA: tkl abt publishing, ID, nx @2100 (433 10/6 Dillon-MD)
11675 1815 RK: EE: pop mx, TPs @1830 into nx & wx (333 10/11 Forsgren-WI) tkl on Kuwait housing problems (444 10/18 Havrilko-UK) POINT OF VIEW pgm (454 10/23 Bush-OH) pop mx (443 10/15 Neff-OH)
11990 2004 RK: AA: vcl mx, "Huna Kuwait" ID (333 10/17 Wakefield-IA) co-channel QRM de R. Prague (211 10/12 McEntee-TX)
15405 1256 RK: AA: OM tkl, ID @ 1259, sked & nx; splash from Finland-15400; // 15495 (322 10/7 Westenhaber-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 tkl, mx; ID by OM; hvy QRM (323 10/5 Trotto-FL)

/MALAYSIA, EASTERN/ R. Malaysia

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

/MALAYSIA, PENINSULAR/

7295 1020 RM: CC: tkl w/ment of Kuala Lumpur; ID @ 1030 (333 10/24 Trotto-FL)
9750 0830 V. of Malaysia: EE: request pgm of pop mx; //15290 (444 10/23 Shreedhar)

/MONGOLIA/ R. Ulan Bator

12015 1201 RUB: EE: IS, ID, sked, Nx by W anc; QRM de USSR on 12010 + 12020 (332 10/9 Twiggs-CT)

NEPAL: R. Nepal's Ext Svc in EE now on 7165 kHz only, at 1115-1145. [Sarath Weerakoon, TALKBACK]

OMAN

British Bcast Corp Relay

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

PAKISTAN

R. Pakistan

4790.7 1750 Azad Kashmir Radio: URDU/KASHMIRI: OM tlc w/ment of Pakistan; chants (342 10/17 Havrilko-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 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 anmts, 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; tlc on test ban treaty (454 10/22 Havrilko-UK)
1415 URDU: sitar/tabla mx, pop mx; no ID hrd but pretty sure it's them (433 10/15 Orr-FL)
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 EE: wld nx, NEWSLINE (433 10/20 Miller-CA)
6160 1300 RVA: CC?: possible test xmsn of 250 kW xmtr (432 10/21 Shreedhar-India)
9540 1532 RVA: MONGOLIAN: OM tlc, 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 FEBC: EE: Asian nx, ENGLISH NOW, SOUNDWAVES pgms; // better 15350 (fair ton-CA) 10/19 Shimada-JP)
11920 1605 VOA: EE: Eaf Svc of nx & report on IBM leaving S.Africa (344 10/21 Preston-CA)
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 FEBC: EE: nx, mx, OPERATION FRIENDSHIP w/names & ads for pen pals; 0600* (433 10/27 Zirkelbach-CA)
15430 2305 FEBC: EE: feature on matchmaking in Singapore; request for listener comments; nx @2330; XERMX QRM (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 BSKSA: EE: nx, ID "This is Riyadh"; ISLAM-A WAY OF LIFE pgm (333 10/13 Twiggs-CT) 1st report of EE bcast from S.Arabia in long time...ed.
9870 2245 BSKSA: AA: Qur'an recitation; ID & 2300* w/NA (fr 10/18 Shimada-JP)
9885 2205 BSKSA: AA: relay of HS; covered by SRI IS @ 2210 (132 10/12 McEntee-TX)
15060 1847 BSKSA: BAMBARA: OM w/tlc 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) cmtly 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 HCJB (232 10/29 Westenhaver-QU) RADIO NEWSREEL (242 10/19 Wright-MB)
11940 1545 SBC: EE: sultry-voiced YL ancr w/pop & oldies mx; TC @ 1600 as 12 mid-night, nx, lcl wx & 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 DL: EE: NX PANORAMA; //7200 & 1548 MW (544 10/22 Shreedhar-India)
9720 1405 SLBC: EE: NOW MX USA, TC, ID: relg pgm (332 10/14 Forsgren-WI)
15395 1800 VOA: EE: ENCOUNTER, nx in special EE; BBC QRM (222 10/12 Gerstner-NY)

SYRIAR. Damascus

7455 2155 RD: AA: ID, anthem; hvy Ute QRM; //9950 (232 10/12 McEntee-TX)
 12085 2015 RD: EE: nx, mx, Press Review (433 10/20 Hesch-NY) tlk on eye surgery
 (333 10/15 Neff-OH) AA mx, sked & 2100* (433 10/25 Miller-CA)
 1401 AA: ID, tlk mixed w/lute mx (242 10/29 Westenhaber-QUE)

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.

TAIWANV. of Free China

CA)

5980 1545 V. of Asia: EE: EZL & rock mx; 1630*; severe fading (322 10/25 Zirkelbach-
 7445 V. of Asia: CC: presumed soap opera; 1445* & back @ 1500 (333 Zirkelbach)
 9465 2225 VOFC: GG: YL ancw w/CC pop mx; sked (333 10/20 Miller-CA) MA
 9930 2320 WYFR via VOFC: EE: OPEN FORUM, mx, SOUNDS OF THE TIMES (343 10/28 Soomre-

VOFC reported on 9555 kHz @0200 is via WYFR-FL.

TURKEYV. of Turkey

9560 *2300 VOI: EE: nx, Review of Turkish Press, Turkish mx (434 10/12 Wakefield-
 IA) (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)

USSRR. Moscow

4485 0500 Kamchatka Radio: RR: Dom. svc, TP, wld nx (444 10/30 Preston-CA)
 4740 1900 R. Afghanistan: PUSHTO/DARI: OM tlk, AA-type vcl mx; prob. NA @ 1928
 and ment of Afghanistan (343 10/10 Havrilko-UK)
 4957.5 2122 Baku-Azerbaijan SSR: RR: relay of Pgm #1; 2157* at end of national pgm
 but //4785 has additional anmts, anthem then 2159* (242 10/24 Quaglieri)
 5015 0852 Vladivostok: RR: pop mx, tlk, guitar mx, YL w/anmts (342 10/20 Orr-FL)
 5035 1220 Alma Ata-Kazakh SSR: KAZAKH: test tones till 1227, IS on lcl instrument,
 s/on w/"Almaty", lcl flute mx then Ute dominates (211 10/18 Forsgren-WI)
 5945 1221 R. Tashkent: EE: tlk on farmer's org. & productivity (11/5 Quaglieri-NY)
 7275 1214 R. Tashkent: EE: cmtv on AIDS being product of US bio-warfare (333 11/3
 Quaglieri-NY)
 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 Westenhaber-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 tlk; don't confuse w/Tunisia (353 10/2 Donegan-CA)
 9705 1630 RM Vladivostok: EE: OM ancw w/pop mx (353 10/2 Donegan-CA)
 9875 0022 RM (Unid site): EE: cmtv from Pravda; fluttery sig. (232 Rocker-MS)
 11705 1635 RM Khabarovsk: RR: tlk, RR pop mx; Mariner's svc to Pacific; //7370
 (444 10/21 Preston-CA)
 11710 1345 RM: DARI/PUSHTU: ME mx; W tlk in pres. Dari @ 1358 into pres. Pushtu
 lang pgm (343 10/13 Quaglieri-NY) site is poss. Tula-ERSFSR...ed.
 11785 1200 R. Tashkent: EE: tlk on Young Communist League (444 10/29 Robinson-TN)
 11920 0157 R. Mayak-Novosibirsk: RR: orch mx, IS, TP, nx (343 10/26 Rocker-MS)
 13645 2303 R. Vilnius: EE: intwvs w/Lithuanian people abt Reykjavik summit (343
 10/9 Westenhaber-QUE) presumed FE xmtr site
 0250 R. Yerevan: EE: tlk of Norwegian Antarctic explorer; // 11790, 15180
 (343 10/24 Soomre-MA)
 13785 2305 RM: EE: nx, NEWS & VIEWS: geo-noise & fading (343 10/12 Westenhaber-QU)
 15180 0056 R. Kiev (via FE site): EE: caught s/off anmts (242 10/9 Westenhaber-QU)
 15460 1429 RM Krasnoyarsk (?): LANG: RM IS, ID into pres. nx (242 10/17 Orr-FL)
 17590 2340 RM (Unid FE site): EE: SCIENCE & ENGINEERING, Kazakh mx (253 Rocker-MS)
 17720 2153 RM: RR: EZL mx to 2155; tones to 2200 TP, ID, nx (254 10/11 Rocker-MS)
 possibly M5 Pgm from Vladivostok for sailors & compatriots abroad...ed.
 17825 0322 RM (Unid FE site): EE: fluttery signal; //17880, 15405 (353 11/4 Quag-
 lieri-NY)
 17850 2150 RM Khabarovsk: EE: AUDIO BOOK CLUB, nx (355 10/11 Rocker-MS)
 2225 EE: intvw w/N.Zealand YL, nx, MAILBAG pgm (344 10/21 Preston-CA)

R. Tashkent: Wm. Westenhaber 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 QRM.

UNITED ARAB EMIRATES/

R. Dubai

4905p 1948 V. of UAE-Abu Dhabi: AA: male vcl mx, unclear ID @ 1958, brief tlk & abrupt 1959* (252 10/22 Quaglieri-NY)
 7105 *0330 RD: EE: TPs, 1cl TC, wld nx to Nam; ARO QRM (333 10/30 Thunberg-PA)
 9640 0315 RD: AA: TPs, ID, nx abt Syria; // 11940 (545 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)
 1430 AA: tlk & AA mx till 1455* (433 10/23 Harnish-IN)
 21605 1329 RD: EE: nx, 84th edition of MAILBAG (233 10/11 Gerstner-NY) 85th edition of MAILBAG (333 10/25 Westenhaver-QUE) (433 Bishop-NY) (444 Hesch-NY)

VIETNAM/

V. of Vietnam

10040 1330 VOV: EE: tlk on "International Year of Peace" (322 10/27 Zirkelbach-CA)
 1600 EE: "NX in Detail"; tlk on electric power plant, mx, VIETNAM TODAY (322 10/24 Zirkelbach-CA)
 1915 EE: ID, pgm of vcl mx (444 10/18 Havrilko-UK)

CLANDESTINE/

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

V. of the Mountain: controlled by the Dhruze 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. Portugal, have hrd a Mid East-sounding station playing AA mx w/YL ancr; 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 /AUSTRALIA/

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 (242 10/14 Twiggs-CT)
 4920 1208 VL4M-Brisbane: EE: ABC nx w/item on Nicaragua (252 11/5 Quaglieri-NY) (221 10/6 Bishop-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. Habana 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 ancr w/hvy PNG accent (333 Forsgren-WI)
 7205 1235 RA: EE: 1cl nx, cricket scores (343 10/18 Rocker-MS)(Svendsen-Norway)
 7215 1100 RA: EE: nx of America's Cup "hell bent on revenge" (545 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 @1240-new time-tlk on sunspots (454 10/19 Welch-MA) intvw w/Aborigine Professor (10/22 Robinson-TN) (Fraser-MA) (Neff-OH) (Alexander-NJ) (Dillon-MD) (Miller-CA) (Brown-IL)
 9610 1415 VLW9-Perth: EE: pgm of movie mx scores (333 11/1 Curtis-TN) ID, TC, 1t class mx (242 10/15 Westenhaver-QU) SUNDAY SUPPLEMENT (434 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 VLH9-Lyndhurst: EE: ABC nx, "Comics of Reknown" pgm (343 10/11 Forsgren-WI)

AUSTRALIA cont.

9710 0940 RA: EE: rock mx; into JJ @ 1000 (453 10/3 Donegan-CA)
 1050 RA: JJ: EE lang lesson, topic: earthquakes (455 10/25 Wakefield-IA)
 9760 0915 RA: PD: Polynesian mx, drums; RA nx-PNG Svc (242 10/11 Forsgren-WI)
 nx, // 9770 (353 10/3 Donegan-CA)
 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 de stn on 15400-VOA? (322 11/18 Thunberg-PA)
 17750 0400 RA: EE: wld nx, INTERNATIONAL REPORT (454 10/5 Uetake-JP)
 17795 2350 RA: EE: tlk w/doctor on aging process; nx @ 0000 (434 Westenhaber-QU)
 0050 EE: Letters to Editor; report on Children's Day (344 10/31 Preston-CA)
 0201 EE: nx & cmtly 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, amts 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, mx (444 10/26 Zirkelbach-CA)
 11735 0743 KTWR: EE: IS, TOUCH THE TRUTH relig 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 Westenhaber-QU)
 17775 0145 KFBS: INDIAN LANG: relig pgm w/prayers & hymns, addr; 0215* w/EE ID
 (good 10/19 Shimada-JP)

NEW ZEALAND/R. 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 1/2 million dollar jewel robbery, wx (333 Zirkelbach-CA)
 0532 EE: lcl nx & wx; TC as 6:35pm; 1t 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 Moresby: EE: soft rock mx, many TCs; ID @ 1200 into nx; QRM de
 Canadian fishing fleet on 4888.5 (333 10/29 Soomre-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 Stephenson-CA)
 1620 FF: island mx, phone calls, tlk; hvy WYFR QRM (433 10/21 Thompson-CA)

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A few final items: PJ Allen-CA sent in an article from the 14 Oct issue of the PENIN-
 SULA TIMES TRIBUNE relating reports of a pirate station that was hrd in Israel during
 Yom Kippur. The clandestine stn, calling 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 re-
 ceiver or other SWL item under your tree. Wishing you all a happy & safe holiday,

73s & MERRY CHRISTMAS,

Bob

Richard E. Wood, Ph.D.
P.O. Box 5074
Hilo, HI 96720

"Solar-powered DXing from the Big Island"

Hawaii Report

E komo 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

- 560 1557 KVOK Kodiak; EE; Star-Spangled Banner, s/on, "Alaska's Flag", into ABC news (good on my northeast Beverage 11/2)
580 1600 KSRA Petersburg; EE; SSB, s/on, intg meditation (good 11/2)
770 1600 KCHU Valdez; EE; EE; local temp. 42°, humidity 100%, 10, into NPR "Morning Edition"; // KYUK Bethel-640 (fair 11/3)

ANTIGUA

- 9640 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 ZHO Mayfield, NSW; EE; nx, wx, max. temp. 36°C; "You're in tune w/ Stereo ZHO"; into rock; QRM 1YW Hamilton, NZ (fair 10/29)

AUSTRIA

- 9725 1800 DRF; GG; list freq's, nx (gdod 11/11)

CHINA

- 3200 1740 Haixia 1, 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; RR; "Govorit Pekin", s/on, nx; // 9640, 9650, 9765 (all good but DW QRM on 9650, 11/14)

COLOMBIA

- 1370 0600 HJXK R. Mundial, Bogotá; SS; 10 "R. Mundial, RCN"; "Choose your favorite bolero" contest (good on southeast Beverage 10/29)

ECUADOR

- 1395 0400 HCVE4 LV de Esmeraldas; SS; Ecuad. guitar melody, Andean (gd 10/29)

EQUATORIAL GUINEA

- 9555 1700 Serv. Intl. de Radio; SS/EE; lengthy national anthem, 1704 s/on; "Servicio Internacional de Radio de República de Guinea Ecuatorial. En el programa escucharán noticias, música de Guinea Ecuatorial, música europea y americana, y por supuesto los programas religiosos de la compañía..."; straight into EE (gd 11/14)

FIJI

- 684 0948 R. Fiji One, Labasa; EE; end BBC nx relay, tome check "12 to 10", into light mx; 0958 dead air, 1000 Fijian chorus; // 558, 1206 (good on Central Pacific [south direction] Beverage 11/8)

INDIA

- 3925 1705 AIR Delhi; HD; classical ragas (good 11/17)
9910 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

- 11770 1730 VON; EE; nx of Nigeria (good 11/13)

NORWAY

- 9655 1655 RNI; NW/EE; IS, 10, into nx, mx (good 11/14)

ST. LUCIA

- 840 0850 R. Caribbean; FF; "travail, travail", ads for Martinique; nx 0900; if you hear FF here, is probably not Haiti; (good 10/27)

TANZANIA

- 9683.5 1715 VOT; EE; talk on African politics (fair 11/17)

日本レポート

Japan Report

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

There has been a spate of N. Korean frequency changes recently. As reported in the Asia/Oceania column a few months back, KCBS Pyong-song is now on 3350 (ex-2765) and Shinuiju is 3920 (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-6600) // 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 Xmissions each in EE & JJ. Also in 1987 R. Japan will start a S. American service via the Gabon relay -- 2 hrs in SS, PP & JJ. In addition, the KDD Yamata Xmitting station in Ibareki 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 phoning me while on a recent business trip to Osaka.

C H I N A (PEOPLE'S REPUBLIC)

4525 1309 Nei Menggu PPBS: Mongolian (listed) OM/YL tlks, CC-style mx (fair-good, 10/23)

G E R M A N Y (Democratic Republic)

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

I N D I A

9615 1227 All India Radio, Bombay (HS): EE prgm sked, wx for Delhi, ID, national nx into Hindi? (good, 11/6)
11920 1000 AIR: EE nx (544 10/11 Yamada)

I N D O N E S I A

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

J A P A N

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

K C R E A (Democratic People's Republic)

5700 1257 KCBS, Pyongyang: 2 x 2850 khz w/ Eric Hoenecker speech in GG, translated by YL in KK, applause (fair, 10/20)

M A L I

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

P H I L I P P I N E S

9570 2113 R. Veritas Asia: EE OM w/ sked, ZK 2115 (fr-gd, 10/24)

U S S R

13645 0030 R. Kiev: EE "Letterbox", ex-13605 (555 Yamada)

SPEEDX QSL REPORT



Ray Forsgren - Rt.#4 Box 213 - Chippewa Falls, WI. - 54729 - USA

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 (?) 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).

BOTSWANA R. Botswana: 3356 f/d Elephants cd. in 21 ds. for \$1. (Ross-ON). f/d Porridge cd. in 35 ds. for same rpt. as previous- a 2 cds. for 1 rpt. deal, not bad! (Ross-ON). 4820 f/d Cattle cd. in 13 ds. for 2 ircs. (Constantinides-RSA). f/d cd. in 3 wks. for ms. V/S Ted Makgekgen ene. (Weiss-OH). f/d cd. in 23 ds. for 3 ircs. (Hill-MA). f/d cd. in 24 ds. after f-up for \$1. (Coday-CA). f/d cd. in 24 ds. for ms. (George-MA). f/d Thamaga Village cd. in 25 ds. for 2 ircs. (Fisher-MA). f/d cd. in 28 ds. for a taped rpt. & 3 ircs. (Welch-MA).

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

GABON R. Japan Relay: 9645 f/d Persimmons cd. w/ goodies in 14 ds. (Ross-ON). same p/d cd. in 15 ds. (Gerstner-NY).

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 Flevo 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).

SOUTH AFRICA Radio RSA: 4810 f/d cd. w/ goodies in 15 ds. (Svendsen-NORWAY). f/d Free State cd. in 16 ds. (Gerstner-NY). 6015 f/d Rickshaw Pullers cd. in 13 ds. (Brown-IL). same f/d cd. w/ goodies in 21 ds. (TN-Pogue). 15270 f/d cd. w/ sked. in 16 ds. V/S C. Miller. (Constantinides-RSA). 21590 f/d Elandsburg cd. in 15 ds. for 2 ircs. (Kaessinger-FRG). f/d cd. w/ pennant & sticker in 17 ds. (Gerstner-NY). Radio 5: 4880 f/d Industry cd. w/ stickers & sked. in 32 ds. V/S Colin Miller. (Coday-CA).

ASIA

/CHINA/ R. Beijing: 9535 f/d Art cd. w/ goodies in 28 ds. (Levison-PA). f/d Statue cd. w/ goodies in 32 ds. (Brown-IL). 15445 f/d Figurines cd. w/ goodies in 29 ds. (Wright-MB). f/d Peihai Park cd. w/ goodies in 39 ds. (Weiss-OH). f/d Great Wall cd. w/ goodies in 47 ds. (Weiss-OH).

/CYPRUS/ BBC Relay: 6180 f/d cd. for a rpt. direct to site. V/S G. Michael. (Svendsen-NORWAY). 7135 n/d Bush House cd. in ?? ds. for 2 ircs. Rpt. & a pfc were sent direct, & reply came from London. (Hill-MA).

/INDONESIA/ RRI Jambi: 4927 f/d form ltr. in 18 ds. for an INDO. rpt. & \$1. V/S Syair Siak. (Coday-CA). VoI: 11790 p/d Monument cd. in 784 ds. (Shimada-JAPAN).

/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).

/JAPAN/ R. Japan: 9645 f/d Persimmons cd. w/ stuff in 14 ds. (Levison-PA). f/d cd. w/ goodies in 20 ds. (Levison-PA). 15420 p/d cd. w/ goodies in 22 ds. (Bishop-NY).

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

/SOUTH KOREA/ R. Korea: 15575 p/d Wedding cd. in 45 ds. (Brown-IL).

/SRI LANKA/ SLBC: 9720 & 11800 f/d Studio cd. in 3 mo. for \$1. (AB-Kusalik). 9720 f/d cd. in 79 ds. for an irc. (Flynn-CA). VOA Relay: 9645 f/d cd. w/ pennant & sked. & sticker in 19 ds. (Constantinides-RSA). 15395 f/d cd. in 18 ds. (Gerstner-NY).

/TURKEY/ VoT: 9560 f/d Ephesus cd. w/ pennant & sticker in 33 ds. (NY-Gerstner).

/UNITED ARAB EMIRATES/ R. Dubai: 11955 & 21605 f/d Map cd. & pennant in 15 ds. (Gerstner-NY). 17775 f/d cd. w/ pennant & sked. in 23 ds. for an irc. V/S K.F. Fenner. (Bush-OH). 17865 f/d cd. in 28 ds. (Vercellino-IL). 21605 f/d cd. in 51 ds. (Svendsen-NORWAY). Voice of the U.A.E.: 15130 p/d folder cd. in 120 ds. (Flynn-CA).

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

/YEMEN, P.D. REP./ DYBS: 7190 f/d Antenna & Crest cd. in 57 ds. for 2 ircs & \$1. V/S Faiza A. Rakeeb. (Evans-TN).

EUROPE

/ALBANIA/ R. Tirana: ???? p/d building cd. in 91 ds. w/ sked. for 2 ircs. (Curtis-TN).

/AUSTRIA/ RAI: 6000 f/d cd. w/ sticker in 65 ds. (Miller-CA). 9755 f/d Carinthia cd w/ forms in 58 ds. (Westenhaver-QU). 9770 f/d Styria cd. w/ form in 56 ds. (Levison-PA). 15320 f/d cd. in 72 ds. (Westenhaver-QU).

/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).

/BULGARIA/ R. Sofia: 7115 f/d Costume cd. in 63 ds. after f-up, w/ ltr. & sked. (Coday-CA). 15330 f/d Nessebur cd. in 149 ds. (Brown-IL). f/d Pamparovo cd. in ??? ds. (Levison-PA).

/CZECHOSLOVAKIA/ R. Prague: 5930 f/d 50th. Anni. cd. in 56 ds. (Wright-MB). 7345 f/d cd. in 38 ds. (Neff-OH).

/DENMARK/ R. Denmark: 15165 f/d Painting cd. w/ sekd. in 22 ds. for a Danish rpt. (Levison-PA).

/GERMAN DEMOCRATIC REP./ RBI: 6080 2 f/d cds. w/ many goodies in 35 ds. (Levison-PA). 9730 f/d Gera cd. w/ goodies in 20 ds. (Westenhaver-QU).

/GREECE/ VoG: 9420 f/d Apollo & Marsyas cd. w/ sked. in 303 ds. (George-NC). R. Stathmos Macedonias: 9460 f/d Olympia cd. w/ sked. in 105 ds. (D'Angelo-PA).

/HUNGARY/ R. Budapest: 9835 f/d Logo cd. in 27 ds. (Levison-PA).

/ITALY/ RAI: 9575 f/d Statue cd. in 30 ds. (Miller-CA).

/NETHERLANDS/ R. Nederland: 6020 & 9895 f/d Flevo cd. w/ catalogue in 78 ds. (D'Angelo-PA).

/NORWAY/ RNI: 15345 p/d Costumes cd. w/ sked. in 31 ds. V/S G. Thokle. (Watson-FL).

/POLAND/ R. Polonia: 9525 f/d Sopot cd. w/ ltr., sked. & other goodies in 94 ds. V/S Zdzislaw Frackiewicz. (Coday-CA).

/PORTUGAL/ R. Renascenca: 11730 f/d Transmitter cd. in 499 ds. (D'Angelo-PA).

/ROMANIA/ R. Bucharest: 5990 f/d Manucs' Inn cd. in 64 ds. for a Romanian rpt. (Levison-PA). f/d Scinteia Square cd. in 89 ds. (Levison-PA).

/SPAIN/ REE: 6055 f/d Olite cd. w/ sked. & forms in 56 ds. (Bishop-NY). 9630 f/d Sevilla cd. in 18 ds. (McCants-AL). f/d Castillo de Coca cd. in 48 ds. (Gerstner-NY). f/d cd. w/ sked. & forms in 55 ds. (D'Angelo-PA). f/d cd. in 79 ds. (Bishop-NY).

/SWITZERLAND/ SRI: 6135, 9725, 9885 & 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-AB). 6190 f/d Studio cd. in 13 ds. (Brown-IL).

U.S.S.R.

R. Moscow: 11860 f/d Library cd. in 62 ds. (Levison-PA). 11860 via Lvov, 11950 via Simferopol, 15375 via Starobelsk f/d cds. in 36 ds. (Welch-MA). Radiostansiya Rodina: 13755 f/d Slogan cd. in 52 ds. for a RR rpt. (PA-Levison)...nice one!

NORTH AMERICA

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

/ANTIGUA/ BBC Relay: 6175 f/d pfc & ltr. in 23 ds. for a rpt. Direct & 2 ircs. (Hill-MA).

/BELIZE/ Belize Radio One: 3285 p/d cd. in 19 ds. for 2 ircs. (Weber-OH). f/d Map cd. in 22 ds. for an irc. V/S Esme Anderson. (Cook-IN).

CANADA CBCNQ: 9625 f/d RCI cd. in 14 ds. (Ross-ON). n/d Eskimo cd. w/ pennant & sked. in 18 ds. (Gerstner-NY). CFCX: 6005 p/d cd. w/ ltr. in 9 ds. for ms. (Weber-OH). Radio Japan Relay: 6120 f/d 1st Day cd. in 3(!) ds. after f-up. (Weiss-OH). n/d cd. in 24 ds. (Welch-MA). f/d 1st Day cd. w/ goodies in 29 ds. (Westenhaver-QU)... It seems that Radio Japans plans for the future call for issuing n/d cds. ala BBC...that's too bad - they come out with some real nice looking cards...rjf

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...rjf. 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).

CUBA R. Habana: 9740 f/d Tower cd. w/ sked. in 71 ds. (Wakefield-IA). f/d Hotel cd. in 294 ds. (Brown-IL).

DOMINICAN REPUBLIC R. Discovery: 6245 f/d cd. in 17 ds. for ms. V/S Jeff White. (Fisher-MA).

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 helpfull!, 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).

NETHERLANDS ANTILLES R. Nederland: 17605 f/d Flevo cd. in 13 ds. (IL-Brown). 21685 f/d cd. in 17 ds. (Gerstner-NY).

UNITED STATES R. Earth via WHRI: 7355 f/d Curacao cd. in 130 ds. for ms. (Pogue-TN). 7400 f/d Bridge cd. w/ info in 7 mo. for ms. (Ross-ON). R. Marti: 11930 f/d Bust cd. w/ ltr. & sked. in 29 ds. V/S Fred Rathert. (Watson-FL). same in 1 mo. (Weiss-OH). VoFC via WYFR: n/d postcard w/ stickers & other goodies in ?? ds. (Levison-PA). WHRI: f/d Globe cd. in 129 ds. for ms. (McCants-AL). same in 60 ds. w/ sked. V/S Loren Holycross. (Radtke-CA). WINB: f/d cd. in 16 ds. for ms. (Weber-OH). WMLK: 9455 f/d form ltr. w/ goodies in 20 ds. for ms. (Pogue-TN). WRNO: 7355 p/d Globe/Flag cd. in 135 ds. for ms. This after a phone call to the station in which they said no more QSL's! (Pogue-TN). 9650 p/d DX Club cd. w/ sticker in 26 ds. for a SASE. (Gerstner-NY). 11705 f/d Globe cd. w/ sked. in 90 ds. (Curtis-TN). WYFR: 11875 f/d cd. in 39 ds. (McCants-AL). 15566 f/d Globe/Logo cd. in 15 ds. for ms. (Soomre-MA).

OCEANIA

AUSTRALIA R. Australia: 6060 f/d Kingfisher cd. in 20 ds. (Brown-IL). 9710 f/d Wheat cd. w/ sticker in 26 ds. (Gerstner-NY). VL8A: 2310 f/d ltr. w/ info. in 47 ds. for 2 ircs. V/S R.H. Sullivan. (Constantinides-RSA). VL8K: 2485 f/d ltr. w/ info in 1 1/2 mo. for a Taped rpt. & 2 ircs. V/S R.H. O'Sullivan. (Kusalik-AB). CAAMA via VL8K: p/d ltr. in ?? ds. V/S Ms Maz Knott. (Kusalik-AB)...CAAMA stands for Central Australian Aboriginal Media Association...

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

MARIANAS ISLANDS KTWR: 9820 f/d Palm tree cd. w/ sked. in 19 ds. for a SAE & ms. V/S Sandy Damick. (George-MA). 11735 f/d Latte Stone cd. in 30 ds. for ms. (Pogue-TN). KYOI: 11900 f/d Bird cd. in 8 ds. for ms. (Pogue-TN).

NEW ZEALAND RNZ Int.: 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. (Hill-MA).

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

VANUATU/ R. Vanuatu: 7260 f/d Slit Gong cd. in 26 mo. after 2nd f-up for 3 ircs. (Poque-TN).

SOUTH AMERICA

ARGENTINA/ RAE: 9690 f/d Logo cd. in 137 ds. (Bishop-NY). 11710 f/d Logo cd. w/ pennant & sked. in 40 ds. for 2 ircs. (Miller-CA). f/d cd. in 106 ds. V/S Leslie. (Bishop-NY). f/d cd. w/ sked. & forms in 167 ds. ((NY-Bishop). R. Nacional Mendoza: 6179 f/d LRA34 cd. & a LRAL cd. in 19 ds. for a SS rpt. & 2 ircs. Also received a pennant. V/S Gabriel I. Barrera. (Flynn-CA).

BRAZIL/ R. Bras: 11745 f/d Fortaleza cd. in 147 ds. (Brown-IL). f/d Hotel Tambau cd. w/ sked. in 210 ds. (McCants-AL). f/d cd. in 235 ds. (Bishop-NY).

CHILE/ R. Nacional: 15140 f/d ltr. w/ postcard in 30 ds. for an irc. V/S Roberto Huerta. (Witte-CA).

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).

ECUADOR/ HCJB: 9870 & 15270 f/d Bird cds. in 23 ds. for ms. (Gerstner-NY). 9870 f/d Booby cd. in 53 ds. (McCants-AL). 15115 f/d Hibiscus cd. in 54 ds. (McCants-AL). 15155 f/d cd. w/ 5 Sucre bill (!) in 28 ds. (Soomre-MA). 15270 f/d cd. w/ info. in 20 ds. for 4 ircs. (Curtis-TN).

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

FRENCH GUIANA/ RFI: 9800 f/d Montsinery cd. in 34 ds. (Poque-TN). R. Beijing via RFI: 9820 f/d cd. in 20 ds. after f-up for an irc. V/S Chen YU. (McEntee-TX).

GALAPAGOS ISLANDS/ HCVG8: 4810 f/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 SAE & ms. V/S Carlos Montaner. Sent a SS rpt. (George-MA).

PERU/ Rdif. 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/ Huanuco postcard in 213 ds. via certified mail for a SS rpt. & ms. V/S Norma Alejandra Balceon Guere. (George-NC).

VENEZUELA/ Ecos del Torbes: 4980 p/d form ltr. in 64 ds. for a SS rpt. & 2 ircs. V/S Desiree Gonzalez. (Wakefield-IA).

CLANDESTINES & PIRATES

Radio Fri Sranan: 9940 f/d ltr. in 103 ds. for an irc. V/S Johnny Kampeveen. (Flynn-CA). f/d ltr. in ?? ds. for a Taped rpt. & \$1. Also sent much literature. (Kusalik-Ab)...QTH for this one: Council For Liberation of Suriname, Box 5517, 3008 AM Rotterdam, Netherlands... TRFM: 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 an everyone of you has the best that the Holiday season has to offer!

73, Best of DX, and
MERRY CHRISTMAS,

Roy

VPD SUVA FIJI

AWA

THE GARDEN OF THE PACIFIC

These islands were discovered in 1642 by Tasman and were visited by Cook between in 1770. There are about 250 islands in the group. The population is about 112,000. Principal exports: Sugar, Copra, Bananas, Rubber, Cotton and Shell.

Amalgamated Wireless (Austral) Ltd operates the wireless services at Suva. All VPD Herts are 3 transmitters. All these stations were designed and built in Australia by A.W.A. which also owns and operates Australian Steam Stations, Central Radio Ship Stations, and Short Wave Overseas Broadcasting Station. Staff: 10 men and 2400 Melbournes.

AMALGAMATED WIRELESS AUSTRALASIA LTD SUVA FIJI

MACYAR KIRALYI POSTA
ROYAL HUNGARIAN POST

QRA 47°09'40"N 18°24'00"E
SZÉKESFEHÉRVÁR HUNGARY
STAT. ON OF THE ROYAL HUNGARIAN POST

TO RADIO: C. H. Weyrauch

UR CRD RECD. 19.20

TRANSMITTER: OUTPUT 0.2 KW
ORG 7220 MC AERIAL

HROMEK

PSE QSL VIA: BUDAPEST
RADIO LABOR HUNGARY

REMARKS:
MANY THANKS FOR
YOUR REPORT!
17. NOVEMBER 21
1959
ACKBY Weyrauch

73'S BEST DX OM!

Elisabeth bridge at night
light BUDAPEST

JUSTICE FOR HUNGARY!

HAAQ-2

*** CENTRAL AMERICA ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
COST	13100.0	C	2055	TIM	LIMON	MARCO	CQ MARKER	PAT-CA

*** CARIBBEAN ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
CUBA	8496.0	C	0005	CLA	HAVANA	MARCO	QX MSG	JC -IN
CUBA	12954.0	C	2217	CLS	HAVANA	MARCO	CQ MARKER	RMA-IA
MART	8478.5	C	2351	FUF	FT DE FRANCE	NAVRA	V MARKER	JC -IN

*** SOUTH AMERICA ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ARGN	12989.4	C	2104	LPD 88	GEN. PACHECO	MARCO	SS NEWS	RR -MS
BRZL	8501.8	C	2358	PPL	BELEM	MARCO	QX MARKER	JC -IN
BRZL	8550.0	C	0505	PWZ	RIO DE JANIERO	NAVRA	CQ MARKER	SS -NY
BRZL	16983.9	C	2214	PPR	RIO DE JANIERO	MARCO	V MARKER	RR -MS
CHIL	8522.0	C	0500	CBV	VALPARAISO	MARCO	QX MARKER	SS -NY
CHIL	13526.0	C	1626	CCS	SANTIAGO	NAVRA	V MARKER	RR -MS
CHIL	17146.0	C	1428	CBV	VALPARAISO	MARCO	V MARKER	PAC-UK
CHIL	22473.0	C	1833	CBV	VALPARAISO	MARCO	CQ MARKER	RSR-ON
ECUA	8474.0	C	2203	HCB	GUYAQUIL	MARCO	CQ MARKER	PAC-UK
URGY	8602.0	C	0511	CWA	CERRITO	MARCO	QX MARKER	SS -NY

*** EUROPE ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BELG	13067.0	C	1630	OST 52	OSTENDE	MARCO	ANS 8 DR 16 MHZ	CONTRB
BUL	16918.0	C	1324	LZW 6	VARNA	MARCO	DE MARKER	RJC-MA
BUL	16918.0	C	1354	LZW	VARNA	MARCO	DE MARKER	RR -MS
CYPR	8737.4	U	0048	5BA	NICOSIA	MARCO	VOICE MARKER	PAC-UK
CYPR	8737.6	U	0015	5BA 42	NICOSIA	MARCO	VOICE MARKER	TFS-PA
CYPR	13122.0	U	2118	5BA 54	CYPRUS	MARCO	VOICE MARKER	RR -MS
CYPR	14458.5	U	1851	VXN 91	LEDRA PALACE	CFARS	WKG VXN 9	RR -MS
CYPR	14564.0	U	1417	5BA	NICOSIA	MARCO	VOICE MARKER	FB -FG
CZEC	3170.0	A	0105	DLB 5	PRAGUE	SFTS	TIME SIGS	PAC-UK
CZEC	3170.0	A	0151	DLB 5	PRAGUE	SFTS	TIME SIGS	JTC-TN
CZEC	16977.0	C	1327	OMP 6	PRAGUE	MARCO	DE MARKER	RT -FL
DEN	12329.0	C	1730	OV8	FREDERIKSHAVN	NAVRA	V MARKER	R8 -MS
DEN	12329.0	C	1327	OV8 12	FREDERIKSHAVN	NAVRA	V MARKER	RSR-ON
DEN	16897.3	C	1322	OY7 82	LYNGBY	MARCO	CQ MARKER	RMA-IA
EIRE	3413.0	U	0422	EIP	SHANNON	AERO	WX	RR -MS
EIRE	5640.0	U	0049	EIP	SHANNON	AERO	WX	RR -MS
ENG	4252.0	C	0155	GKC	PORTISHEAD	MARCO	DE MARKER	JC -IN
ENG	5426.0	C	0030	KRH 50	LONDON	EMBASY	GRA MARKER	RR -MS
ENG	11200.0	U	1717	MVU	WEST DRAYTON	VOLMET	WX	RSR-ON
ENG	17030.0	C	1950	GVA	LONDON	NAVRA	DE MARKER	RJC-MA
ENG	17236.0	U	1450	GKW 62	PORTISHEAD	MARCO	WKG GRM	HGK-MH
FIN	8457.0	C	0238	DFJ	HELSINKI	MARCO	QX MARKER	RSR-ON
FRAN	6352.0	C	0240	FUG	LA REGINE	NAVRA	V MARKER	SS -NY
FRAN	6352.0	C	0217	FUG	LA REGINE	NAVRA	TEST MARKER	BJ -TX
FRAN	10562.2	C	1919	FTK 56A	PARIS	APP	NX IN FF	SS -NY
FRAN	12875.0	C	1830	FUG	LA REGINE	NAVRA	TFC	RJC-MA
FRAN	13097.5	C	2115	FFT 62	ST. LYS	MARCO	DE MARKER	RR -MS
FRG	5690.0	U	0325	DHM 95	LAHR	AFB	WX	RT -FL
GDR	4525.0	A	0223	Y3S	NAUEN	SFTS	TIME SIGS	RR -MS
GIBR	8652.2	C	0520	GYU	GIBRALTAR	NAVRA	QX MARKER	SS -NY
GIBR	12824.2	C	1759	GYU	GIBRALTAR	NAVRA	DE MARKER	RSR-ON
GREE	8712.0	C	0052	SVS	ATHENS	MARCO	DE MARKER	TFS-PA
HOLL	13042.5	C	1957	PJC	WILLEMSTAD	MARCO	QX MARKER	RJC-MA
ITLY	2595.0	C	0215	IDR 8	ROME	NAVRA	V MARKER	SS -NY
ITLY	13011.0	C	1555	IAR 23	ROME	MARCO	TFC LIST	RJC-MA
ITLY	13891.3	C	1308	IDR 5	ROME	NAVRA	V MARKER	RR -MS
POL	7404.0	U	0254	SPW	WARSAW	MARCO	POLISH TFC	JK -FG
POL	13791.0	C	1315	SPW	WARSAW	MARCO	DE MARKER	RR -MS
PORT	3782.0	C	0725	CTP	OEIRAS	NATO	V MARKER	RR -MS
PORT	8551.0	C	0014	CTP	OEIRAS	NATO	QX MARKER	JC -IN
SPAN	7706.0	C	2010	AOK 2	ROTA	NAVRA	ATLANTIC WX	RMA-FR
SWED	12880.5	C	1845	SAG 2	GOETEBORG	MARCO	SWED NEWS	RJC-MA
USSR	8600.0	C	0012	URD	LENINGRAD	MARCO	CQ MARKER	RR -MS
USSR	10004.0	C	0327	RIB	IRKUTSK	SFTS	TFC	PDC-MH
USSR	11000.0	C	0814	RIW	MOSCOW	NAVRA	TFC	FB -FG
USSR	12694.0	C	0020	URD	LENINGRAD	MARCO	CQ MARKER	BJ -TX
USSR	12730.0	C	0010	UMV	MURMANSK	MARCO	CQ MARKER	BJ -TX
USSR	12910.0	C	1813	UAT	MOSCOW	MARCO	CQ MARKER	RSR-ON
USSR	13050.0	C	1910	UDK 2	MURMANSK	MARCO	TFC	RMA-IA
USSR	14509.0	C	1833	RIW	MOSCOW	NAVRA	CLG RMGY	MDC-NY
USSR	16865.0	C	1319	UJY	KALININGRAD	MARCO	CQ MARKER	RR -MS
USSR	16890.3	C	1321	UFN	NOVORISSYK	MARCO	DE MARKER	RR -MS
USSR	17115.0	C	1337	URD	LENINGRAD	MARCO	DE MARKER	RR -MS
USSR	17190.5	C	1307	UHK	BATUMI	MARCO	DE MARKER	PAC-UK
USSR	17218.4	C	1340	UFB	ODESSA	MARCO	DE MARKER	RR -MS
USSR	17228.0	C	1343	UAT	MOSCOW	MARCO	DE MARKER	RR -MS

*** AFRICA/MIDDLE EAST ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ALGE	12662.0	C	1738	7TA 8	ALGIERS	MARCO	CQ MARKER	RSR-ON
ANGD	8565.0	C	0508	D3E 51	LUANDA	MARCO	QSQ MARKER	SS -NY
ANGD	17189.4	C	2223	D3E 71	LUANDA	MARCO	CQ MARKER	RR -MS
DJIB	8992.0	C	0335	FUV	DJIBOUTI	NAVRAD	V MARKER	SS -NY
IRAQ	16906.0	C	1329	YIR	BASRAH CONTROL	MARCO		PAC-UK
IVRY	14827.0	C	1512	TUM	ABIDJAN	INTRPL	IPCQ MSGS	JK -FG
LEB	13965.0	U	0710	DDR 88	BEIRUT	ICRC	FF TFC	JS -NO
LIBE	7652.0	C	0355	KKN 44	MONROVIA	EMBASY	QRA MARKER	PAT-CA
LIBE	17404.0	C	1829	KKN 44	MONROVIA	EMBASY	QRA MARKER	RR -MS
QATR	4231.0	C	1948	A7D	DOHA	MARCO	DE MARKER	PAC-UK
QATR	8473.3	C	2307	A7D	DOHA	MARCO	DE MARKER	RR -MS
REUN	4333.5	C	0130	FUX	SAINT DENIS	NAVRAD	V MARKER	RMA-IA
SENE	13410.0	C	2029	6WM 2	DAKAR	NAVRAD	CQ MARKER	PAT-CA
SOAF	4283.0	C	2115	ZSJ	CAPE TOWN	NAVRAD	XXI MARKER	PAC-UK
SOAF	8470.0	C	2306	ZRH	CAPE TOWN	NAVRAD	XXI MARKER	RR -MS
SOAF	8566.0	C	0038	ZSJ 4	CAPE TOWN	NAVRAD	QSQ MSG	RC -IN
SOAF	13093.0	C	2114	ZSC	CAPE TOWN	MARCO	DE MARKER	RR -MS
SOAF	4253.0	C	2100	TAH	ISTANBUL	MARCO	CQ MARKER	PAC-UK
TURK	6395.0	C	0235	TBA 3	ANKARA	NAVRAD	V MARKER	SS -NY
TURK	12800.9	C	1755	TAH	ISTANBUL	MARCO	CQ MARKER	RSR-ON

*** ASIA/FAR EAST ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
INDI	4238.0	C	2040	VTP 4	VISHAKHAPATNAM	NAVRAD	V MARKER	PAC-UK
JPAN	6856.7	U	1315	KBD	TOKYO	PJT	EE/YL VOICE MRKR WITH QTH	LS -CA
JPAN	10000.0	A	0759	JJY	TOKYO	SFTS	TIME SIGS OVER WWV	RT -FL
JPAN	12788.0	C	1748	JFS	CHOU FISHERIES	MARCO	CQ MARKER	RSR-ON
JPAN	13069.8	C	2345	JOS	NAGASAKI	MARCO	CQ MARKER	BJ -TX
JPAN	15000.0	C	1210	JJY	TOKYO	SFTS	ID UNDER WWV	RR -MS
JPAN	17081.6	C	2356	JFA	CHOU FISHERIES	MARCO	MKG JCFR	RR -MS
HLAY	4239.0	C	2050	9MB	PENANG	NAVRAD	V MARKER	PAC-UK
HLAY	12781.5	C	2355	9MB	PENANG	NAVRAD	V MARKER	BJ -TX
PRC	8644.5	C	1640	XSG	SHANGHAI	MARCO	CQ MARKER	LS -CA
PRC	10000.0	C	2359	BPM	XI 'AN	SFTS	ID UNDER WWV	RR -MS
PRC	17103.7	C	2217	XSG	SHANGHAI	MARCO	CQ MARKER	RR -MS
RDK	8497.0	C	2304	HLJ	SEOUL	MARCO	CQ MARKER	RR -MS
RDK	16909.9	C	2211	HLJ	SEOUL	MARCO	CQ MARKER	RR -MS

*** PACIFIC ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
GUAM	12743.0	C	1410	NRV	APRA HARBOUR	USCG	CQ MARKER	PAC-UK
GUAM	13113.2	U	2130	NRV	APRA HARBOUR	USCG	TYPHOON WARNING	JTP-IN
GUAM	17144.4	C	1344	NRV	APRA HARBOUR	USCG	CQ MARKER	PAC-UK
GUAM	22526.8	C	2243	NRV	APRA HARBOUR	USCG	CQ MARKER	RR -MS
HK	13113.2	U	1802	NMO	HONOLULU	USCG	WEATHER	PDC-NH
NCAL	4590.0	C	1356	FUJ	MOUMEA	NAVRAD	V MARKER	JEB-CA
NZEL	7599.5	C	1640	ZLZ 20	WELLINGTON	METEO	CQ MARKER	LS -CA
NZEL	8504.0	C	1257	ZLZ 4	ANARUA	MARCO	TFC LIST	SR -RT

*** RTTY ***

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CNTY	TRAFFIC	CONTRB
2291.0	2100		1DQ	ROME	NAVRAD	ITLY	COASTAL NAVIGATION	RMA-FR
2804.8	0604		CCS	SANTIAGO	NAVRAD	CHIL	SS MSGS	JK -FG
3267.5	2000	SITOR	SAB	GOTEBORG	MARCO	SWED	MKG SGBH	RMA-FR
3700.0	1045	ARQ	RFFFCC	VERSAILLES	FRMIL	FRAN	TO RFFBWW	RMA-FR
4150.0	2200	75-R	GYA	LONDON	NAVRAD	ENG	TFC LIST	RMA-FR
4160.0	0302	75-170R	NMG	NEW ORLEANS	USCG	USA	MKG MRPX	SR -MI
4500.0	2122	ARQ	GXQ	LONDON	BA	ENG	WX	JK -FG
4613.5	0200	50-425M	ELRB	MONROVIA	AERO	LIBE	DE MARKER	RMA-IA
5393.5	0035	50-425R	ELRB	MONROVIA	AERO	LIBE	RYS	RR -MS
5739.0	0055	50-850R	H2M	JEDDAH	AERO	SAUD	METEO	RR -MS
6350.0	0430	100-850R	LOR	P. BELGRANO	NAVRAD	ARGN	SL TFC	JEB-CA
7444.9	1408		EPO	PORTO TORRES	ICG	ITLY	RYS	JK -FG
7490.0	2208	50-N	ITM	TEHRAN	IRNA	IRAN	WAR COMMUNIQUE	RMA-FR
8457.0	0245	75-170R	NOJ	KODIAK	USCG	AK	MKG MDJX	SR -MI
9216.0	0030	50-850M	SUA	NIAMEY	ASECNA	NIGR	METEO	RR -MS
9844.0	0036	50-425R	TUH 98	ABIDJAN	ASECNA	IVRY	DE MARKER	RMA-IA
10215.0	0029	100-425M	H2M 48	JEDDAH	AERO	SAUD	METEO	RR -MS
10554.0	0900	100-M	Y7A 46	BERLIN	MFA	GDR	TO HRI BUDAPEST	RMA-FR
10570.0	0430	FAI	RWH 79	ALMA ATA	METEO	USSR	ANALYSIS	JK -FG
11677.0	2340	50-100M	TJK	DOULA	ASECNA	CAME	RYS	RR -MS
12315.0	1315	50-425R	RVW 57	MOSCOW	TASS	USSR	MI IN EE	RMA-IA
12786.0	0052	75-170R	NMO	HONOLULU	USCG	HI	IN EE	SR -MI
13366.5	2040	50-425R	5YD 9	WAIROBI	AERO	KEN	WI	RMA-IA
13538.2	1956	50-425R	Y7A 34	BERLIN	MFA	GDR	RYS	SR -MI
13815.0	2305	75-850R	C1R	MONTEVIDEO	NAVRAD	URGY	RYS	RMA-IA
13844.4	1951	75-850R	KRH 51	LONDON	EMBASY	ENG	FOIES	SR -MI
14599.0	1141	75-425N	3QS	ANKARA	EMBASY	TURK	CZEC EMB. PRESS REVIEW	FB -FG
14409.0	1408	50-170N	Y7F 50	TRIPOLI	EMBASY	LYBA	GDR EMB. 5L TO MFA	FB -FG
14413.0	1132	100-425R	Y7F 44	DANASCUS	EMBASY	SYRA	GDR EMB. 5L TO MFA	FB -FG
14433.0	1130	75-425N	DOR	SOFIA	MFA	BUL	CLG CPO	FB -FG
14455.0	1612	75-425N	6C2	LAGOS	EMBASY	NIGR	MKG OMZ	FB -FG
14462.0	1327	50-425M	Y7F 54	ALGIERS	EMBASY	ALGE	GDR EMB. 5L TO MFA	FB -FG
14508.0	1541	50-850M	D4B	PEDRO LUME	AERO	CAPE	RYS	FB -FG
14524.0	0850	75-425R	SA 51	TEHRAN	EMBASY	IRAN	SWED EMBASSY	FB -FG

14525.0	1048	85-425R	SAM 50	CAIRO	EMBASY	EGPT	TFC TO SAM	FB -FG
14612.0	2215	75-B50N	PWZ	RIO DE JANIE	NAVRAO	BRZL	WKG LCL	RMA-IA
14764.0	0810	50-170N	A9M 70	MANAMA	MARCO	BRAN	AA NEWS	JS -NO
14923.0	0025	50-B50R	BAP 44	BEIJING	XINHUA	PRC	GWA MARKER	RR -MS
14970.0	1405	75-425R	SAM	STOCKHOLM	EMBASY	SWD	MSGG TO LISBON	FB -FG
15693.5	1420	50-425R	ISX 56	ROME	ANSA	ITLY	FF NEWS	RR -MS
15897.4		50-425N	OLS 4	PRAGUE	CETKA	CZEC	FF NEWS	SR -MI
16348.0	1945	50-425R	CLN 451	BAUTA	TASS	CUBA	RYG	RMA-IA
17363.2	1826	75-B50R	5YE	NAIROBI	AERO	KEN	GX	SR -MI

*** SHIPS ***

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
2206.0	U	2214	CGGF	CCBC SIR WM. ALEXANDER	WKG VCS	POC-NH
2716.0	U	1457	NADO	USCGC GLACIER	WKG SAN	GEL-CA
4400.8	U	2946	NKBT	USCGC SHEARWATER	WKG KEY WEST GROUP	SR -MI
5696.0	U	2228	NNTB	USCGC CAPE KNOX	CLG CBC UTE	JTP-TN
6200.0	U	1803	NBTC	USCGC AQUIDNECK	CLG OS 2101	JTP-TN
6266.5	R	0200	ELDM 4	AL AMIR	WKG WCC	POC-NH
6268.5	R	0110	UZFE	TH POMORXE	CLG UYN	RMA-IA
6310.0	C	0322	UHSP		CLG URB 2	RMA-IA
6355.0	R	0158	NADO	USCGC GLACIER	WKG SAN FRANCISCO	MDC-NY
6355.0	R	0403	WTEP	NOAA OCEANOGRAPHER	WKG SAN FRAN	SR -MI
6377.5	R	1915	WTEW	NOAA WHITING	WKG KVN	SR -MI
6421.5	R		WMVF	NOAA ALBATROSS IV	WKG NNN	SS -NY
6509.5	U	1945	WTDD	NOAA OREGON II	WKG KHW	SR -MI
8222.9	U	2003	LADE	M/V ROYAL VIKING SKY	WKG WOM	DL -MA
8241.5	U	1906	5HWO	UNIVERSE BURMA	WKG GXU 46	POC-NH
8241.5	U	2006	7THM	IBN SINA II	WKG GXU 46	POC-NH
8241.5	U	2115	KGBU	HMS RIFE	WKG GXU 46	POC-NH
8241.5	U	1852	GYFE	HMS BRISTOL	WKG GXU 46	POC-NH
8241.5	U	1948	GYHD	BACEBANK	WKG GXU 46	POC-NH
8241.5	U	0120	NNBH	USCGC BUNKER HILL	RADIO CHECK	POC-NH
8241.5	U	0022	WYS 3261	M/V GERONIMO	WKG PORTSMOUTH	RD -CT
8242.0	C	0837	WPJR	SS PONCE	WKG NMR	RD -CT
8291.1	U	1815	WYK 5607	TUG MARINER	WKG WPE	JEB-CA
8344.0	R	0700	ESRX	RTM YURMALA	RYG	DL -MA
8344.7	R	0150	UIYO	BAT GENERAL PUSHKIN	RYG	JEB-CA
8347.0	R	0710	UHTX	SIDOR KOVPAK	TFC TO RIGA	JEB-CA
8349.0	R	1212	WFZC	DOCK EXPRESS TEXAS	WKG NMF	RMA-IA
8354.0	R	0530	J4UW	MT VENTE	WKG WCC	JEB-CA
8380.0	C	0215	YTHY	MB BANAT	WKG YUR	RMA-IA
8384.0	C	1132	D9HR	HYUNDAI 21	WKG VIS	GCH-WV
8391.0	C	0032	JGLS	TOKYO REEFER	WKG BKC	GCH-WV
8392.0	C	1139	SVLG	M/V SILVER WIND	WKG PJC	GCH-WV
8394.0	C	0121	BKPG	GOLDEN RUNNER	WKG KPH	GCH-WV
8394.4	C	2324	Y5FO	M/T CRIMMITSCHAU	WKG HPP	GCH-WV
8395.0	C	0507	HCGO	M/N COTOPAXI	WKG HCC	GCH-WV
8395.0	C	0547	SZSS	M/V VENETICO	WKG CBV	GCH-WV
8400.0	C	0142	EUZW	M/V RZHEV	WKG OBC 3	GCH-WV
8404.0	C	1111	UFGN	TR BURYA	WKG CLA	GCH-WV
8405.0	C	0122	5BYZ	CAPE MONTEREY	WKG WLO	GCH-WV
8410.0	C	0841	ELFF 4	M/V VENTURE	WKG NNN	GCH-WV
8410.5	C	1128	C4PA	M/V CHARLOTTE BASTIAN	WKG VCS	GCH-WV
8420.0	C	0219	PPXO	GLOBAL MACEIO	WKG PPL	GCH-WV
8765.4	U	2122	5NET	RIVA MAJE	PHONE PATCHES	RD -CT
12342.4	U	1612	NHKW	USCGC CONFIDENCE	CLG NMC	JTP-TN
12342.4	U	1745	NRCB	USCGC EAGLE	CLG NNN	JTP-TN
12373.4	U	2150	LAPJ	M/V NORDIC PRINCE	WKG WOM	POC-NH
12573.0	C	1556	ATUJ	TULSIDAS	WKG A9M	GCH-WV
12579.0	C	1738	ELDH 8	M/V CAST CARIBOU	WKG OST 52	GCH-WV
12580.0	C	1801	P3SM	M/V CASTLE	WKG WSC	GCH-WV
12590.0	C	1726	9VPF	FLORENZ	WKG 6VA	GCH-WV
12598.0	C	2227	KSFJ	ATIGUN PASS	AMVER TO NNN	GCH-WV
12600.0	C	1735	S2LX	M/V BANGLAR KALLOL	AMVER TO VCS	GCH-WV
12607.0	C	2300	8JFE	CENTURY HIGHWAY #2	AMVER TO NMR	GCH-WV
12621.0	C	1821	SWZK	M/T KATINA	WKG GKD	GCH-WV
14688.0	C	1828	RMCT		WKG RMBY	MDC-NY
16487.1	U	2024	WLEV	OVERSEAS MADALEE	WKG KHT	DL -MA
16703.0	R	1540	UYXL	TKH KARERKEIYA	TFC	JEB-CA
17329.0	U	1539	VRJH	AFRICAN SEAWORKER	WKG GKT 62	HSG-NH

*** AERO ***

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
3016.0	U	0353	CUBANA 1491	WKG SAN JUAN	DL -MA
3016.0	U	0417	NIGERIA 850	WKG SANTA MARIA AERO	POC-NH
4666.0	U	1315	JAPAN 72	POS RPT	GEL-CA
5493.0	U	0111	UTA 232	WKG LUANDA	GCH-WV
5526.0	U	0610	AIR FRANCE 209	WKG PARAMARIBO	GCH-WV
5526.0	U	0518	CLIPPER 202	WKG MAIQUETIA	GCH-WV
5526.0	U	0536	EASTERN 010	WKG PORTO ALEGRE	GCH-WV
5535.0	U	0045	JAPAN AIR 679	CLG LONDON LDOC	RR -MS
5535.0	U	0154	SAUDI 6824	WKG SPEEDBIRD LONDON	ES -MA
5535.0	U	0229	SPEEDBIRD 72	WKG SPEEDBIRD LONDON	DL -MA
5541.0	U	0624	NORTHWEST 48	WKG STOCKHOLM LDOC	GCH-WV
5544.0	U	0240	CUBANA 1491	WKG HAVANA	POC-NH
5547.0	U	0720	CONTINENTAL 001	WKG HONOLULU	GCH-WV
5550.0	U	0624	AEROFLOT 335	WKG BOYEROS	GCH-WV
5598.0	U	0633	TRADEWINDS 6146	WKG SAN JUAN	GCH-WV
5598.0	U	0448	VRCBE	WKG GANDER	GCH-WV

5616.0	U	0505	EMPRESS CP226	WKG GANDER	GCH-WV
5649.0	U	0535	PAKISTAN 718	WKG GANDER	GCH-WV
5649.0	U	0554	SHAMROCK 116	WKG SHANNICK	GCH-WV
5649.0	U	0626	XBDEM	WKG GANDER	GCH-WV
5652.0	U	0056	KLM 588	WKG NIAMEY	GCH-WV
5652.0	U	0055	SPEEDBIRD 53	WKG ALGIERS	DL -MA
5658.0	U	0015	AEROFLOT 9436	WKG TRIPOLI	DL -MA
5696.0	U	1134	MAC 009	WKG HONOLULU	SR -MI
5696.0	U	1225	NAVY SR807	WKG HONOLULU	GCH-WV
6536.0	U	0415	ASCOT 3435	WKG DAKAR	SR -MI
6577.0	U	0110	EASTERN 960	POS RPT	GEL-CA
6643.0	U	0426	TWA 840	WKG BERNE	DL -MA
6655.0	U	1300	EMPRESS 4	POS RPT	GEL-CA
6683.0	L	0014	AIR FORCE ONE	WKG CROWN VIA ANDREWS	DL -MA
6715.0	L	1954	AIR FORCE ONE	WKG ANDREWS	DL -MA
6735.0	L	1025	MAC 70015	P/P NELLIS METRO	RD -CT
6756.0	U	1945	AIR FORCE ONE	WKG ANDREWS	SS -NY
6756.0	U	2010	AIR FORCE TWO	WKG ANDREWS	SS -NY
6756.0	L	2040	SANM 31682	WKG ANDREWS	SS -NY
6761.0	U	2055	INDIA 95	POS RPT	RD -CT
8825.0	U	1839	SPEEDBIRD CONC. 194	WKG NY	POC-NH
8825.0	U	1348	TRADEWINDS 12	WKG GANDER	POC-NH
8855.0	U	0006	AIR FRANCE 202	POS RPT	RD -CT
8855.0	U	0341	MAC 60187	WKG BELEM	DL -MA
8855.0	U	0002	SURINAME 764	POS RPT	RD -CT
8855.0	U	0039	VARIG 803	POS RPT	DL -MA
8858.0	U	0349	AIR FRANCE 258	WKG BOGOTA	DL -MA
8861.0	U	2204	AEROFLOT 252 BRAVO	WKG RECIFE	DL -MA
8861.0	U	2356	CUBANA 483	WKG SAL	GCH-WV
8861.0	U	2329	CUBANA 809	WKG DAKAR	DL -MA
8861.0	U	2322	CUBANA 9096	CLG SAL RADIO	RR -MS
8861.0	U	0055	IBERIA 986	WKG DAKAR	DL -MA
8861.0	U	2358	SPRINGBOK 231	WKG DAKAR	RR -MS
8861.0	U	0033	SPRINGBOK 234	WKG ROBERTS	GCH-WV
8861.0	U	0102	SWISS AIR 145	WKG RECIFE	DL -MA
8861.0	U	0422	VARIG 711	WKG DAKAR	GCH-WV
8864.0	U	1941	VRBJH	TAKING PICS OF RR SUB	RD -CT
8891.0	U	2319	CANADIAN 895	WKG FROBISHER	GCH-WV
8891.0	U	2215	GERMAN AF 531	WKG FROBISHER BAY	POC-NH
8891.0	U	0014	JAPAN AIR 679	CLEARANCE VIA POLAR TRACK	RD -CT
8891.0	U	1716	KLM 601	WKG REYKJAVIK	POC-NH
8891.0	U	2030	KOREAN AIR 025	WKG CAMBRIDGE BAY	POC-NH
8891.0	U	2323	LUFTHANSA 65	POS RPT	RD -CT
8891.0	U	2331	SABENA 262	WKG REYKJAVIK	DL -MA
8891.0	U	1507	SCANDINAVIAN 901	WKG GANDER	HGK-NH
8891.0	U	0009	SCANDINAVIAN 980	COMPANY TRAFFIC	RD -CT
8891.0	U	2317	SCANDINAVIAN 980	WKG CAMBRIDGE BAY	GCH-WV
8891.0	U	1505	TWA 701	WKG GANDER	HGK-NH
8891.0	U	1704	YUGOSLAV 504	WKG GANDER	POC-NH
8894.0	U	0054	LUFTHANSA 561	WKG ALGIERS	GCH-WV
8903.0	U	2109	AIR INDIA 212	WKG KINSHASA	POC-NH
8903.0	U	1939	ANGOLA 652	WKG NIAMEY	DL -MA
8903.0	U	0100	ANGOLA 8584	WKG LUANDA	GCH-WV
8903.0	U	0024	MOZAMBIQUE 704	WKG KINSHASA	GCH-WV
8903.0	U	1306	NORTHWEST 3	POS RPT	GEL-CA
8903.0	U	0010	VARIG 799	WKG LUANDA	GCH-WV
8903.0	U	0033	ZAMBIA 1923	WKG KANO	BCH-WV
8903.0	U	0104	ZAMBIA 7003	WKG LUANDA	DL -MA
8903.0	U	0050	ZIMBABWE 121	WKG BRAZAVILLE	GCH-WV
8903.0	U	2356	ZIMBABWE 9124	WKG KINSHASA	DL -MA
8918.0	U	0044	VARIG 800	POSITION RPT	RD -CT
8921.0	U	1843	EASTERN 808	WKG ATLANTA	POC-NH
8921.0	U	1827	EASTERN 963	WKG BERMUDA	DL -MA
8921.0	U	1922	SPEEDBIRD 75G	WKG SPEEDBIRD LDOC	POC-NH
8933.0	U	2309	SPRINGBOK 231	POS RPT	RD -CT
8989.0	U	0007	MAC 50216	P/P TRAVIS	RD -CT
8993.0	U	2349	SAM 31683	P/P ANDREWS	RD -CT
10780.0	U	2000	MAC 60195	WKG CAPE RADIO	SS -NY
11176.0	U	2155	ARMY 51265	P/P ASCENSION	RD -CT
11176.0	U	1938	KING 27	P/P TO WOODY RESCUE	SS -NY
11176.0	U	1922	MAC 1954	P/P ALBROOK	SS -NY
11176.0	U	1211	MAC 38087	WKG ANDREWS	FB -MS
11179.0	U	0056	MAC 60205	WKG KICKAW	RR -MS
11180.0	U	2043	AIR FORCE ONE	WKG ANDREWS	JG -NO
11180.0	U	2050	AIR FORCE ONE	WKG CROWN	SS -NY
11180.0	U	2111	AIR FORCE ONE	WKG CROWN	POC-NH
11180.0	L	2129	AIR FORCE ONE	WKG CROWN	DL -MA
11182.0	U	0110	MAC 67945	WKG SCOTT	RR -MS
11182.0	U	1942	NAVY LD-01	P/P VIA SCOTT	SS -NY
11182.0	U	1510	SAM 31683	P/P SAM COMMAND	RD -CT
11182.0	U	1800	SAM 502	P/P ANDREWS	RD -CT
11210.0	U	0050	AIR FORCE 1	P/P TO UNID PARTY	LJC-WV
11233.0	U	0102	CANMIL 406	WKG EDMONTON	RR -MS
11233.0	U	0100	CANMIL 5845	WKG EDMONTON	RR -MS
11239.0	U	0107	MAC 60145	WKG MCCLELLAN	RR -MS
11246.0	U	2055	DANISH A.F. 680	CLG SALOON	SS -NY
11246.0	U	2005	TEAL 07	P/P TO TEAL OPS	SS -NY
11246.0	U	1300	TEAL 10	WKG MACDILL	TK -MD

11246.0	U	1904	USCG RESCUE 1715	P/P MACDILL	RD -CT
11249.0	U	2014	AIR FORCE ONE	WKG ANDREWS	DL -MA
11345.0	U	1726	EASTERN 11	WKG LIMA LD0C	GCH-WV
12270.0	U	2005	MAC 60195	WKG FORMAT	SS -NY
13248.0	U	1904	GERMAN NAVY 4721	WKG LAHRE	DL -MA
13306.0	U	1604	4XFBS	WKG NY	GCH-WV
15015.0	U	2345	MAC 38085	WKG ALBROOK	RR -MS

*** TACTICAL ***

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
3109.0	U	0156	RASBERRY PENNSACOLA	WKG SPARTAN	SS -NY
3130.0	U	0252	AIV	WKG 6TV	SS -NY
4464.0	U	2203	ZIG ZAG 520	WKG ZIG ZAG CONTROL	DL -MA
4508.5	U	0750	BISON	EXERCISE TFC TO SHARIF	FB -FG
5571.0	U	0055	SLINGSHOT	WKG OMAHA 53	KFN-FL
5652.0	U	0428	NOVEMBER PAPA 989	WKG ALBIERS	GCH-WV
5692.0	U	1745	ZULU 5 K=MIKE	WKG ALPHA 4 OSCAR	KFN-FL
6693.0	U	1831	WHISKEY 148	WKG ST JOHNS MILITARY	DL -MA
6710.0	U	2145	RUBY RED	SKYING MSSG	DL -MA
6723.0	U	0005	8 MIKE WHISKEY	RADIO CHECK 8 QUEBEC PAPA	RD -CT
6738.0	U	0003	ARCHITECT	CODED TFC	DL -MA
6738.0	U	1900	ARCHITECT	WX	JS -NO
6746.0	U	1648	3 BRAVO UNIFORM	WKG HALIFAX MILITARY	DL -MA
6761.0	U	0053	HUSSY 45	RADIO CHECK	RD -CT
8461.0	U	1645	BALAST 14	WKG BALAST 31	RMA-IA
8616.0	U	1320	YZZ	A/C INFO	SR -MI
8756.0	U	1046	B7N	CLG R7N	RMA-IA
8861.0	U	002	LIMA OSCAR 5429	WKG RECIFE	GCH-WV
8912.0	U	VAR	SLINGSHOT	WKG OMAHA 10/18/41	KFN-FL
8967.0	U	1854	OTIS 51	WKG LAJES	DL -MA
8984.0	U	1410	HOTEL 9 LIMA	WKG TSB	KFN-FL
8989.0	U	1831	BOOK 75	WKG MCCLELLAN	GEL-CA
8993.0	U	1854	IVORY 19	P/P ELGIN USAFB	SS -NY
8993.0	U	1913	OMNI 61	WKG ALBROOK	DL -MA
8993.0	U	1837	OSCAR 22	WKG ALPHA ONE	DL -MA
11125.0	U	1906	H9W	WKG 6UK AND 8B4	JS -NO
11176.0	U	1218	CROWN	WKG SAM 86970	FB -FG
11176.0	U	2237	FUROR 75	P/P FOR WX	RD -CT
11176.0	U	2304	RENK 75	POS RPT	RD -CT
11180.0	U	2037	CROWN	WKG AIR FORCE ONE	JS -NO
11180.0	U	2111	OUTWEIGH 25	WKG DRAINAGE	POC-NH
11182.0	U	1850	DANDA 11	P/P POPE AFB	SS -NY
11182.0	U	2345	MAP 77	P/P MOONBEAM 1	RD -CT
11182.0	U	2035	VENUS 81	P/P SAM COMMAND	SS -NY
11233.0	U	2005	CANNIL 5705	P/P TO EDMONTON	SS -NY
11233.0	U	1835	MILITARY 6410	WKG TRENTON CANMIL	DL -MA
11246.0	U	1250	OMNI 36	WKG MACDILL	TK -MD
11249.0	U	1832	CROWN 99	WKG BRANDYWINE	DL -MA
11267.0	U	2337	5BQ	WKG P4B	SR -MI
11270.5	U	1410	MAGIC COMMAND	WKG MAGIC 50	JS -NO
11288.0	U	2152	OMAHA 52	TRACKING 'TARGETS'	SS -NY
11288.0	U	1600	SLINGSHOT	WKG OMAHA 53	KFN-FL
11475.0	U	2037	STEPCHILD FORWARD	WKG STEPCCHILD REAR	DL -MA
13244.0	U	1357	ECHO NOVEMBER 22	WKG LAJES	GCH-WV
18666.0	U	1720	ATLAS	WKG FLINT 501	KFN-FL

*** QSLs ***

CNTRY	CALL	DES/ID	NAME/LOCATION	QSL/ POSTAGE/ #DAYS	FREQ	CONTRB
CG	1418	USCG	HELD	PFC MS 8D	5692.0	POC-NH
CG	1703	USCG	HERCULES	PFC MS 8D	5696.0	POC-NH
CGDW		CCGC	CYGNUS	PFC 1IRC 33D	2182.0	POC-NH
ELFK	6	M/S	JUBILEE	PFC MS 84D	4094.0	POC-NH
GBBB		HMS	YORK	PFC 1RC 63D	8250.0	POC-NH
BELG	OSN	NAVRAD	OOSTENDE	PFC 21RC 16D	12725.0	POC-NH
CAN	YAW	NDB	SHEARWATER	PFC 1IRC 19D	353.0	POC-NH
CAN	YZE	NDB	MANITOULIN ISLE	PFC 35D	145.0	POC-NH
CZEC	OLB 5	SFTS	PRAGUE	CARD 1RC 67D	3170.0	FW -MA
HI	NMO	USCG	HONOLULU	CARD MS 48D	6506.4	HH -PA
HI	NMO	USCG	HONOLULU	CARD MS 44D	12889.5	HMH-TX
JAPAN	JDC	MARCO	CHOSI	CARD 1RC 16D	16998.5	HMH-TX
JAPAN	JDS	MARCO	NAGASAKI	CARD 1RC 18D	8473.0	HMH-TX
NZEL	ZLY 22	MARCO	HAMITANGI	PFC 1RC 15D	7600.0	HMH-TX
PANA	HPP	MARCO	PANAMAINTELMA	CARD 1# 203D	4275.0	HH -PA
PANA	HPP 20	MARCO	PANAMA INTELMA	PFC 21RC 112D	4428.7	POC-NH
SWED	SDJ	AERO	STOCKHOLM	CARD 97D	10575.0	POC-NH
USA	PMZ	NDB	PLYMOUTH, N.C.	LETTER ** 3 YEARS!**	221.0	HH -MD
USA	WNU	MARCO	SLIDELL	CARD MS 104D	6326.5	HMH-TX
USA	WOM	MARCO	PENNSUCO	CARD MS 7D	13144.2	HMH-TX

*** CONTRIBUTORS ***

NAME	INI-ST	RECEIVER	# LOGS
AKED, ROGER	RMA-FR	EDDYST. 1650/2	7
ALEXANDER, RODNEY	RMA-IA	R 70	19
BERRI, BASON E.	JEB-CA	R 2000 RF 2900	7
BODENHAGEN, FRED	FB -FG	SATELLIT 3400	20
CHICKERELL, LARRY J.	LJC-WV	DX 400	1
CHINSKY, MARK	MDC-NY	ICF 5900W	3
COLEMAN, R.J.	RJC-MA		10

CONWAY, PETER A.	PAC-UK	COLLINS 57J-4	13
COOK, JERRY	JC -IN	NRD 525	7
DOYLE, ROBERT	RD -CT	R2000 ICF2010	32
HALSTEAD, GARIE	GCH-WV	R 4B ICF 2001	54
HARDESTER, MIKE	MH -PA	R 1000/FRG 7000	2
HANKINS, HUGH M.	HMH-TX	R 600	6
HOLBROOK, HANK	HH -MD		1
JONES, BRIAN	BJ -TX	R 70	5
KEMP, HOWARD G.	HGK-NH		8
KLINGENFUSS, JOERG	JK -FG	R 7	6
KOBYLSKI, TONY	TK -MD	R 2000	2
LEHMAN, DIANN	DL -MA	R 2000	35
LYND, GLENN	GEL-CA	DX 1000	7
NEWELL, KENNETH F.	KFN-FL	ICF 2001 DX 400	12
O'CONNOR, PATRICK	POC-NH	DX 302	35
PIKE, ARTHUR H.	AHP-NM	ICF 6800W	1
POGUE, JAMES T.	JTP-TN	R 2000	6
ROCKER, RAYMOND	RR -MS	FT 757GX	51
ROSS, ROBERT S.	RSR-ON	FR 1015/TS 430S	15
RUELDG, STEVE	SR -MI	R 71	18
SCHMAUTZ, SCOTT	SS -NY	R 2000	32
STRANSKY, LARRY	LMS-NY		3
STUTTERHEIM, NJ	MJS-NY	NRD 515	1
SVENDEN, JOHN	JS -NO	ICR 71E	8
SZALONY, LEONARD	LS -CA	TS 930S R 71A	7
WELCH, FRANK	FW -MA	ICF 6800W	2

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 of 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 Bodenhausen of West Germany asks about QSLs. Yes, there is a separate form for QSL subs as well as Number station subs. Both forms are available from the Business Office in Tucson, AZ. See the back page of the mag for the address; tell the *Old Bud* that I sent you!

Larry Chickereil asks who handles phone patches for Air Force One? I don't get to listen to Aero comms 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 Klingenfuss, 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 pilots instead on latitude and longitude. It's called the *North Atlantic Route Chart* and is costs \$4 from US Department of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service N/CG33, 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 *MKN - 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 Aids Drive, Reynoldsburg OH 43068; and *ADXN 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!

73 - Jeff

CONTRIBUTORS LIST:

DECEMBER 1986

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TOTAL CONTRIBUTORS: 101

3	ADDISON, JOE	KS R600	1	LEHMAN, DIANN	MA R2000
1	AKED, ROGER	FR 1650/2	2	LEMKE, RICHARD	AB IC-R71A
1	ALEXANDER, RODNEY	IA IC-R70	1	LEVISON, HAROLD	PA IC-R70
2	ALLEN, MICHAEL	CA CR2021	1	LYND, GLENN	CA DX1000
1	ATKINS, GARY	GA R390	1	MANDERSCHIED, MIKE	CA ICF6700W
3	BERRI, JASON	CA R2000	8	MILLER, WILLIAM	CA DX400
1	BISHOP, FORREST	NY RF4800	1	MOMAN, DON	AB IC-R71A
1	BODENHAGEN, FRED	FG SAT 3400	2	MUNSTER, RALPH	GA R7/DR7
6	BROWN, EDWARD	IL RF2200	3	MUZYKA, WILLIAM	NY RF4900
5	BUSH, DAVID	OH GE WM-2	4	MCCANTS, DONALD	AL RF2200
1	BYRNE, MICHAEL	AU NRDS15	5	MCENTEE, ROBERT	TX R1000
1	CEREGHIN, JOHN	MD DX400	4	MENEILL, RANDY	AL
1	CHICKERELL, LARRY	WV DX400	1	NEWELL, KENNETH	FL DX400
1	CHANSKY, MARK	NY ICF5900W	1	O'CONNOR, PATRICK	NH DX302
1	CODAY, RICHARD	CA FRG7700	3	ORR, TONY	FL R600
1	COLEMAN, ROBERT	MA IC-R71A	2	PIKE, ARTHUR	NM ICF6800W
1	CONSTANTINIDE, COSTA	SA NRDS15	6	POGUE, JIM	TN R2000
1	CONWAY, PETER	UK 57J-4	2	PRATH, JOHN	FL IC-R71A
3	COOK, GERALD	IN NRDS25	3	QUAGLIERI, AL	NY EC958/3
6	CURTIS, WILLIAM	TN RF2800	1	RADTKE, CARL	CA SPR4
1	DICKERMAN, WILLIAM	PA DX400	2	RICHMOND, KYLE	MD R2000
1	DONEGAN, PAUL	CA ICF2010	1	ROBINSON, BETSY	TN FRG7700
1	DOYLE, ROBERT	CT R2000	5	ROCKER, RAYMOND	MS FT757GX
3	EVANS, JAMES	TN R2000	4	ROSS, ROBERT	ON TS430S
2	FAMULARO, RALPH	JP RF-B30	1	RUTLEDGE, STEVE	MI IC-R71A
1	FISHER, JOHN	MA R2000	4	SAMPSON, DANIEL	WI R1000
1	FLYNN, BILL	CA R7A	1	SANDERSON, JACK	AZ R1000
2	FORSGREN, RAY	WI FRG7700	1	SCHMAUTZ, SCOTT	NY R2000
3	GEORGE, NELSON	NC IC-R71A	2	SHEDDY, DAN	CA IC-R70
1	GEORGE, STEVE	MA IC-R71A	1	SOMERS, JACK	CA TS430S
2	GERSTNER, JOHN	NY DX1000	1	STRANSKY, LARRY	NY R2000
1	GUNTER, JOHN	NC R2000	1	STUTTERHEIM, MARIO	NY NRDS15
1	HALSTEAD, GARIE	WV R4B	2	SVENDSEN, JOHN	ND IC-R71E
2	HAMBLY, CHRIS	AU	2	SWEDBERG, ERIC	OR
1	HARDESTER, MIKE	PA FRG7000	1	SZALONY, LEONARD	CA IC-R71A
4	HARNISH, HERB	IN RF3100	1	THOMPSON, PEGGY	CA FRG7
6	HAVRILKO, VINCENT	UK ICF2010	2	THUNBERG, BOB	PA R1000
1	HAWKINS, HUGH	TX R600	2	TUCHSCHERER, JOHN	WI
1	HEINIS, A.	AU	1	VALENTINE, F.A.	CA IC-R70
1	HESCH, RUTH	NY R1000	1	VAN HORN, GAYLE	FL RF3100
1	HILL, KENNETH	MA DX1000	1	WAKEFIELD, PAUL	IA ICF2010
1	HOLBROOK, HANK	MD HQ129	1	WEBER, DONALD	OH R2000
1	HUFFAKER, CARL	MX HOMEBREW	1	WEISS, CHARLES	OH RFB600
2	JONES, BRIAN	TX IC-R70	6	WELCH, FRANK	MA ICF6800W
3	KAESSINGER, ROBERT	FG R2000	9	WESTENHAVER, WILLIAM	PQ ICF6500W
1	KEMP, HOWARD	NH	1	WEYRICH, CARROLL	MD RF4900
2	KLEIN, KEVIN	WI	1	WOOD, RICHARD	HI R1000
1	KLINGENFUSS, JOERG	FG R7	1	YAJKO, ROBERT	PA
2	KOBYLSKI, TONY	MD R2000	2	ZILMER, ROBERT	NM R1000
2	KRIST, KRAIG	VA FRG7700	2	ZIRKELBACH, BOB	CA R1000
1	KUSALIK, EDWAR	AB FRG7000			


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

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:
AFRICA

Up Front 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 Forsgren (1 year)
Bruce MacGibbon (1 year)

MISC. and ETC. Special thanks to **Mike Magick-AZ**, **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 "Hawaii 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 Front** for 1986! Best of DX over the holidays, everyone. Peace!

Tom

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