

SPEEDX

**MEMBERSHIP
FEST** see page 71

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COVER ARTWORK BY:
Peggy Thompson-CA and
John Bennett-PA

**March
1986**

volume 16,number 3

72 pages



\$1.50

ISSN 0882-8091

ONE OF THESE DAYS
I'M GONNA
HAVE TO BUY
A
RECEIVER!!!



The DX Radio Magazine for Active SWLs

Up Front

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

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

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

First off this month is a letter from SPEEDX President Jack Sanderson:

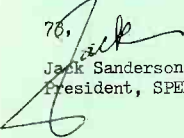
March 1986

Dear SPEEDX Members,

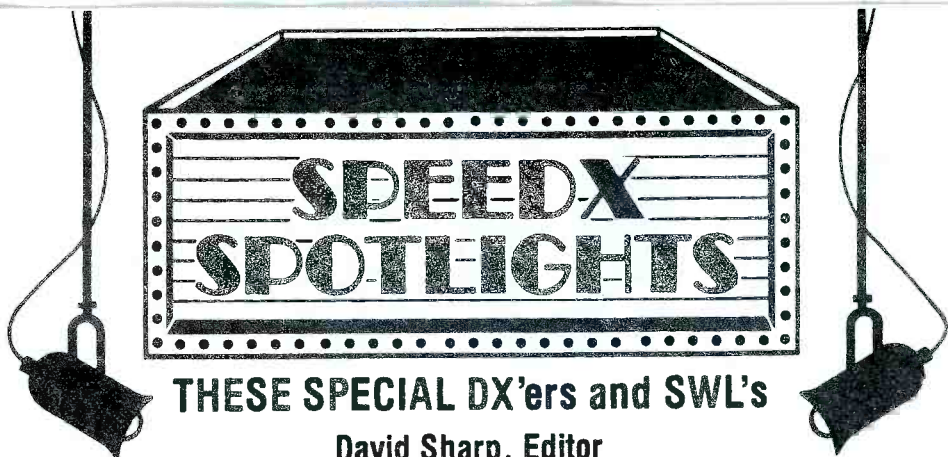
The new SPEEDX Board of Directors began its term on January 1, 1986. During the two years in which this Board will sit, the following are among the objectives it will pursue:

- a. Publish a quality SPEEDX bulletin.
- b. Publish a quality SPEEDXGRAM.
- c. Publish quality SPEEDX special publications and make available quality club items to the membership.
- d. Retain a quality professional SPEEDX staff.
- e. Retain the present SPEEDX membership.
- f. Increase the present SPEEDX membership.
- g. Increase the present subscriptions to SPEEDXGRAM.
- h. Increase the sales of SPEEDX special publications and club items.
- i. Encourage greater participation in SPEEDX activities by the club membership.
- j. Broaden and enhance the SPEEDX Awards Program for the club membership.
- k. Broaden and enhance the opportunities for Associate Members to earn Full Member status.
- l. Increase the number of SPEEDX Local Chapters.
- m. Encourage more communication between and among the SPEEDX staff and the membership.
- n. Keep increases in membership fees and special publication prices to a minimum consistent with rising publishing costs and ever increasing postage charges.
- o. Publicize our leisure time activity (hobby) to the maximum.

We solicit member comments, suggestions, recommendations and constructive criticisms. This is your club, so let us hear from you.

76. 
Jack Sanderson
President, SPEEDX Board of Directors

Up Front continues on page 68



THESE SPECIAL DX'ers and SWL's
David Sharp, Editor
17602 Meadowbridge, Lutz, Florida 33549
Deadline: 12th of month

This month, we welcome seven new Full Members to the Top of the Page.....

HARRY ALEXANDER...NJ	TOM DALY.....NY	JAMES HARTUNG....MD
NORMAN CADORETTE...MA	HERBERT GARDINER...HI	ROBERT RUHE.....PA
	TIM HALL.....CA	

Enjoy your Full Membership Certificate and other benefits, gents!

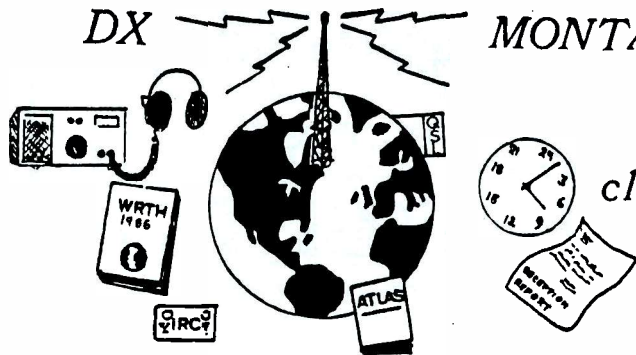
Terry Zelasko Lansing, IL	Harvey Harrison III Sandersville, GA	Don McCants Trussville, AL
Roger Pettengill Mattawamkeag, ME	Joachim Kornek Dortmund, W. GERMANY	Rodger Ries Indianapolis, IN
Claude DePrine III Grand Rapids, MI	Phil & Cindy Glavey Rockford, IL	David Alpert New York, NY
Phillip Moody East Machias, ME	Daniel Greenbauer Tucson, AZ	Melvin Flannagan Cha-ville, VA
Michael Byrne Charters Towers, AUST'L	AlC Vincent Havrilko APO New York, NY	Timothy Friday Anaheim, CA
Rick Glover N. Little Rock, AR	Lawrence Shaffer Philadelphia, PA	Bob Selvey E. Boston, MA
Tom Murphy Bethpage, NY	Louis Phillips Chadds Ford, PA	Robert Mattaliano Newton, MA
David Carney Worcester, MA	Yuji Ishikawa Urawa City, JAPAN	Dave Drinnan Kanata, CANADA
Roger Slocum Campbell, CA	James Morris Westchester, CA	Donald Fox Norwood, MA
Nelson George Fayetteville, NC	R. Lyle Lunsford Santa Maria, CA	Michael Gurdus Tel Aviv, ISRAEL

Paul Barnekow, Beaverton, OR	Frank Hixon, Dallas, TX	Just a reminder that your con- tributions may be sent to CDE Peggy Thompson by the 5th of the month. Address is on back cover...
Artie Bigley, San Antonio, TX	Ted Gurley, Houston, TX	
Ken Wong, Burnaby, CANADA	Gary Atkins, Macon, GA	
Scott Gray, Hawthorne, CA	Donald Gibbs, La Mesa, CA	
Robert Catey, Sycamore, IL	Marty Hysom, Boulder, CO	
John Corea, Belmar, NJ	Erik Hinnov, Bridgewater, NJ	
Jim Navary, Colonial Heights, VA		

A Big Welcome to our FANTASTIC FORTY-THREE. Nice to have you aboard. We'll continue with DX Montage on the next page.....

DX

MONTAGE



club info
contests
humor
fun

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

MARCH (BIRTHDAY MONTH) 1986

Well friends, I hate to admit it, but this month I will celebrate my twentieth birthday. Onward and upward, I guess. Before I forget.....a personal question for Al Quaglieri: Al, your column didn't make me a million bucks, as promised last month. Does it have a money-back guarantee??? Hi!

It's For Sale, But You Can't Buy It: A revolutionary car of the future that didn't need gasoline, required service only every 200,000 miles, accelerated from 0 to 50 MPH in 5.2 seconds and cost less than \$8000. The best part, as the ads promised, was that the "Stardrive 2000" would be available February 1 at a dealer near you. The "Stardrive 2000" was unmasked as nothing more than an advertising experiment promoted by a group of Portland-area station executives to prove the usefulness of radio ads. The conceived campaign was sponsored by the Portland Area Radio Council. Jan Margosian, consumer info. coordinator in the financial fraud division of the attorney general's office said that the advertising appeared to violate provisions of the Unlawful Trade Practices Act. The law allows for fines up to \$25,000 for each of the dozens of airings. Dave Milner, vice president and general manager of KEX, and the president of the Portland Area Radio Council, said that the campaign was patterned after a Cincinnati ad campaign about an underground shopping mall called the Plummet Mall which was also fictitious. (Compiled from various January Oregonian newspapers, and contributed by Dave Klopfenstein-OR. I recently read about the Plummet Mall. The advertising campaign was hilarious! ds.)

Rebel Gains Reported, and Disputed, in Southern Yemen: (Excerpts from an article in the N.Y. Times): Djibouti, Jan. 20- Rebellious Marxist forces appeared to have the upper hand in most of Southern Yemen tonight, according to refugees here and diplomats' assessments. But with communications still cut, the political situation in the Soviet-allied nation remained confused.

Transmissions on the official state radio, said that President Ali Nasser Mohammed al-Hassani had been ousted and that the 'collective leadership' of the ruling Yemeni Socialist Party was in charge. The radio broadcasts referring to a collective leadership were interspersed with music and messages of support from police and army units. (From William Dickerman-PA. I have not heard any more about the situation in this country. Maybe the fighting has finally subsided? ds.)

New Radio and TV Law 'Hot Tomale' in Mexico: Mexico's Radio and Television expired January 29th and was replaced by a new law to be in effect for the next 10 years. The new law automatically extends licenses as well as the "tax," 12 1/2 % of actual broadcast time to the government. New regulations, not detailed in the news reports, require accordances with understanding national problems, preservation of national economic and political independence, growth of national art and cultures, as well as special pgms pertaining to children's programs. A committee was set up to monitor these objectives. No mention was made of the commercial stations broadcasting (in

English) to the United States. They survived, with certain concessions, the "Mexicanization" order 10 years ago, but they will probably, again, come under scrutiny. (From Carl Huffaker-MEXICO.)

Radio Exterior de Espana is planning to build a relay station in Costa Rica, possibly by January 1987. REE would use the transmitter for 6 hours a day, with the Costa Rican government getting to use it the other 18 hrs. (Possibly an international service from Costa Rica in the future?) REE would also increase the number of Latin American correspondents at the same time. (From 1-26 "World of Radio." Sent to DXM by Tom Kephart-MI. If you have enough time to contribute, Tom, we editors must not be working you hard enough, hi!!! ds.)

Dayton Hamvention Just Around the Corner: From Michael Schulsinger -OH: Let's do something a little different this year. For the past two years I've told SPEEDX what a good time everyone had at the Dayton (Ohio) Hamvention. This year, I'm gonna tell you how to join us. You Hams already know, so you can skip down to the next Montage item.

Mark "Dayton Hamvention" over April 25, 26, and 27 on your calendar. If possible, you should write immediately to the Dayton Hamvention, Box 44, Dayton, OH 45401 to receive an information an advanced ticket (\$8 per person) brochure. Tickets are available for \$10 at the door, but the line can be long. A well-attended Sunday morning SWL forum has been conducted over the years, and is scheduled again this year. Recent featured speakers include Bob Grove on voice UTEs, Fred Osterman on non-voice UTEs, and Jeff White on Radio Earth. Check the latest Ham magazines in April for a final schedule, as forum times and days may change. There are other interesting meetings as well, including early radio equipment and computer forums.

If you like the latest equipment at competitive prices, show up on Friday and check with the dealers. If you're a bargain hunter, hang around until Sunday afternoon, when some flea market vendors will almost give stuff away rather than lug it home to fill up the garage again. Remember, April 25-27, 1986, at Hara Arena, just northwest of Dayton. 25,000 regular attendees can't be wrong. (Have a good time, Michael! ds.)

Soviet Jamming Documented: The National Telecommunications and Information Administration has released a major study documenting the extensive jamming efforts by Eastern Bloc countries of shortwave radio stations, such as those operated by the VOA, Radio Free Europe, and Radio Liberty. It is the first attempt by the US Government to quantify the amount and location of jamming of shortwave broadcasts. The study made the following findings, among others:

There are more than 80 separate shortwave jamming locations in Eastern Bloc countries, which have been observed to jam broadcasts over a broad geographical area. This jamming is in addition to local jamming devices found in large metropolitan areas. The Soviet Bloc countries also appear to coordinate their jamming efforts, and the jamming is often targeted at broadcasts intended for a country other than where the jamming occurs.

NTIA undertook the study in support of decisions made by the delegates to the first session of an international radio conference last year in Geneva. Delegates to the conference had asked for information to help quantify the amount of jamming of shortwave broadcasts and the location of jamming transmitters. Monitoring stations in the US, England, Canada, West Germany, Norway, Netherlands, Israel, Japan and Korea cooperated to supply more than 30,000 jamming observations to the NTIA research team. The NTIA is the Executive Branch agency principally responsible for the development and presentation of domestic and international telecommunications and information policy, and for spectrum management. (From the Jan. ARRL Letter and contributed by Jack Somers-CA.)

Down-Under DX From Michael Byrne: The Voice of the Islamic Republic of Iran is conducting test transmissions to the Indian sub-continent, South & East Asia in English, from 1115-1215 UTC on 11790 kHz. There may be other frequencies, but I tuned in last night by chance to VOIRI about 20 minutes after the transmission had started.

The programme I heard consisted of a mailbag-type programme, a lecture by a professor visiting Iran, news in brief and orchestral music. The interval signal, consisting of seven notes played on a stringed instrument, and the following announcement were played several times during the trans-

mission: "You are listening to our experimental programme in the English language, which is beamed to South and East Asia, on the occasion of the anniversary of the victory of the Islamic revolution in Iran, from 1115-1215.....This is a new programme for the sub-continent countries and we would like to know your opinion about us."

The address for correspondence was given as: Voice of the Islamic Republic of Iran, P.O. Box 32 33, Tehran, Iran. (Thank you for your continued interest, Michael. I suppose this new broadcast will cover the entire Pacific Basin....ds.)

Storm Fouls Radio Signals: One of the strongest geomagnetic storms since 1976 disrupted communications across much of the northern US on February 8th, according to a spokesman at the National Oceanic and Atmospheric Administration.

The disruption of the Earth's normal magnetic field meant problems for satellites, radios and aircraft but also meant a "northern lights" display much farther south than usual. The geomagnetic storm was linked to a series of powerful solar flares. In a geomagnetic storm, a surge of energy from the sun enters the Earth's magnetic field and causes all sorts of electrical interferences. (From the Jan. 9 Oregonian, and contributed by Robert Knight-WA. If NOAA had told us about this earlier, maybe we would not have strung that extra 500 feet of wire, hi. ds.)

Texas Speaks to the World: KCBI, broadcasting from Dallas, is one of America's newest shortwave broadcasters. Their first broadcast was from the historic First Baptist Church, San Jacinto at Ervay, downtown Dallas, on July 28, 1985. Since that day, KCBI has "taylorred" its programs to appeal to a wide variety of listeners. Some of the programs on KCBI include:

Johnny High's Country Music Review (recorded live from the Will Rogers Auditorium in Fort Worth) is heard on Sunday at 1905 on 11790. This program (until its initial broadcast on KCBI) was the second largest weekly country music stage show in the US (second only to the Grand Old Opry in Nashville). This is the number one show in Texas and due to its international audience, the program can now claim to have the largest potential radio audience for a live country music program broadcast from the US.

This program is also unique in that during the intermission break, a mailbag show features letters from KCBI listeners and a "phonebag" portion answers questions from listeners.

Texas Me and You with host Tom Nau-a features the best in contemporary and classic country music, great Texas hospitality, and insights for living. Heard Mon-Fri at 2005 on 11790, and on Sat at 1903 & 2000 on 11790.

Radio Connection is KCBI's DX program. Hosted by Jeff Fallen, it can be heard on Mon-Fri at 1903 and 2000 UTC on 11790, Sat at 1800 UTC on 11905, and on Sundays at 1825 on 11905 and at 1903 on 11790. The SPEEDX Report is now aired twice a week over Radio Connection (in addition to our other reports on RSA and KCJB). For KCBI's latest sked, write to: KCBI International, Dallas, TX 75221. (Information supplied by Jeff Fallen-TX. ds.)

Quad, Gadd, or Khjad...Take Your Pick! If a certain Libyan colonel's name wasn't already a household word in America, President Reagan certainly made it so (when he) characterized Libya's strong man as..."flaky." But how is his name spelled? Time magazine spells it "Gaddafi." The New York Times and the Washington Post spell it "Qaddafi." The Wall Street Journal spells it "Qadhafi." The Chicago Tribune, Philadelphia Inquirer and USA Today spell it "Khadafy."

The colonel's name is an Arabic name, so the confusion comes in translating it to English. Thus the spelling is purely phonetic, and that leaves room for discretion. An editor on the foreign desk of the Wall Street Journal sticks up for "Qadhafi." He contends it's the "official US Government spelling" because it's the version used in a CIA directory.

A spokesman from the New York Times foreign staff admits that, with so many variations, a reader can get stumped. "But you can usually get it if you say it out loud just like it's spelled- however that is." But if that is true, would the correct pronunciation be GAH-DAH-FEE, as in the oral rendering of Time's spelling?

Ed Butler, the AP's deputy foreign editor, has no qualms about disagreeing with the New York Times and others. "We use the Kh-sound. It's more to our liking," he says. "It all depends on which Arabic dialect you translate from."

In all, there are believed to be about 20 English spellings of the Lib-

yan leader's last name. But even news publications that spell the last name the same way offer different versions of the first name. At least those are fewer. Usually it's "Muammar" or "Moammar" or "Muammar el." Take your pick.... (Excerpts of an article by Valida Sellers in the 1-13 Wall Street Journal, and contributed by Speed Gray-MI. Personally, I say we ask Al Quaglieri to settle this dispute, hi. ds.)

Honoring Halley: Ham station WB6FNI will be working out of the Jet Propulsion Laboratories, at Table Mtn. Observatory, to commemorate the astronomical observation of Halley's Comet. The station will operate on 7228 & 7249 kHz from 0400-1000 UTC, and working code on 7120 kHz, from 0400 to 0500 UTC. For a QSL and Halley's Comet photo, send your report (along with a #10 SASE or 5 IRCs) to: P.O. Box 576, Wrightwood, CA 92397. (From the Feb. QST Special Events Column. Phoned-in by Bill Thim-CT.)

Tasukeru! Ayudar! Auttaa! Help! SPEEDX is famous in India, or so it would seem. A new publication called "PURBACHAL," in EE and Bengali, is being introduced as an annual to supplant the already existing monthly magazine of the same name. They are seeking unpublished articles relating to culture, agriculture, social welfare, games and sports. This is a magazine for the Purbachal Youth Cultural Association and its current cultural secretary is a SWL/DXer and has asked SPEEDXers to supply articles on basic DXing for the new annual. It is his hope that SW may be introduced to Indians, furthering the hobby and opening up new realms to them. If you are interested, send contributions ASAP to: Pertho Chakraborty, Cultural Secretary, 53 KGRS Path, Purbachal Pally, P.O. Angus- 712-221, District Hooghly, West Bengal, India. Remember, EE is not their mother tongue, so keep it simple enough for a novice. Also, don't encourage the monitoring of Utility stations. This is illegal in India. (Via Peggy Thompson-CA.)

BBC Considers Global TV Service: The BBC is now considering starting a world television service similar to its external radio service. A spokesman for the BBC, Richard McCarthy, said that the state broadcasting company's director-general, Alasdair Milne, had appointed a five member committee to study the idea.

The team is to examine the cost, the potential market and the means of producing and broadcasting programs on the service, which would be named External Broadcasting in Vision. The study team should complete its first report within a few weeks. Like the existing radio service, the world TV service would focus on news and current events rather than entertainment, Mr. McCarthy said.

The television service probably would start with satellite broadcasts in English. But other delivery methods and other languages, including Arabic, French and Spanish, are under consideration, as are methods of funding.

The idea of a world television service was first mentioned publicly during a speech in Los Angeles last year by Douglas Muggerridge, who was then the managing director of the BBC's external radio service. The BBC's external radio service broadcasts in 37 languages and has 120 million listeners around the world.

The British Foreign Office funds the radio service's \$135 million budget. A combination of government and commercial funding could be used to run a television service, Mr. McCarthy said. (From the International-Herald Tribune, and contributed by Bob Moser-IL. Tks for the letter, Bob.ds)

CRB Research has just released the Radio Station Treasury. The book is authored by Tom Kneitel, and contains interesting tidbits of radio history from 1900 to 1946. Included are many nostalgic ads for shortwave equipment available in the 1920's and 30's. Other sections cover the history of call signs and callbook directories. The book goes on sale April 2, but advance orders are being taken. Send \$12.95 (plus \$1 postage in USA, Canada, APO, FPO) to: CRB Research, P.O. Box 56, Commack, NY 11725. (Canadian customers please submit payment by Postal Money Order in US funds.) (Submitted by Tom Kneitel-NY.)

Changes at WYFR: The WYFR "Mailbag" program has now been extended in length, but is now only once a week. It's heard at 0706 to 0731 UTC on Saturdays, beamed to Europe on 6160, 7355, and 9852.5 kHz. (Courtesy William Dickerman-PA.)

DXM PRESENTS THE CONTEST PAGE

ANNIVERSARY SWEEPSTAKES: Our winner of a six month subscription extension is David Klopfenstein-OR. Congrats, David! In August, we will have another drawing for an extra six months of the magazine. To qualify for this drawing, all you have to do is send those contributions to DXM. Maybe you will be our next winner....

LANGUAGE ID: Our mystery language from January was Swahili. Our super sleuth was William Westenhaver-PQ. Here is the March "mystery language:" ohi-kulkutie, kysymysmerkki, alkoholipitoinen. Identify the language, and win the pamphlet of your choice (excluding SRGU) from hqs. Make sure to state your choice on entry. Deadline is May 12th.

FOREIGN COMPETITION: What was the colonial name for Zimbabwe? Winner will receive a SPEEDX stick-on logo. Final deadline is May 12th.

PIN THE TAIL ON YE ED: I have been wanting to know the world's northern & southernmost SWBC stations. Some of you have written in, giving AFAN and a relay station in Murmansk as the answers. However, I want bona-fide SWBC stations, not relays, which means Murmansk is incorrect. Keep working on this one, gang; final deadline is April 12th.....

GEOGRAPHY QUIZ: Our country last month was Fiji. Congratulations to Donald Weber-OH, who'll get A Guide to Soviet Radio. Now, our mystery country for this month: Location: Pacific Ocean. Population: 3,110,000 (1977). Ethnic Groups: Europeans and Polynesians. Languages: English and Maori. Religion: Protestants and Roman Catholics. Area: 103,736 sq. mi., the size of Colorado. Topography: The land is hilly and mountainous. The eastern coasts consist of fertile plains. Some mountains have glaciers and peaks of over 10,000 feet. Chief crops: Grain. T.V. Sets: 924,821. Radios: 2,780,000 est. History: The Maoris reached this country during the 14th century. The 1st European to sight this country was Dutch navigator Abel Janszoon Tasman; British Captain James Cook explored the coasts, 1769-70. British sovereignty was proclaimed in 1840, with organized settlement in the same yr. Representative institutions were granted in 1853. Maori wars ended in about 1870 with British victory. The colony became a dominion in 1907, and is an independent member of the Commonwealth. This country fought on the side of the Allies in both world wars, and signed the ANZUS Treaty in 1951. Winner will get a Guide to African Listening. Good luck.

Just a reminder to clearly print name and address on your entry. That will make things much easier here! Also, how many of you out there would be interested in an all-band DX contest? Gary Stone-WA has proposed we do such, and I'll be glad to print the details. Maybe we can get something together for a weekend in the near future. Also, if you have any ideas for future contests, write in. All input is appreciated, and needed, here.....

I guess that concludes another DXM. This coming May, I'll begin my fourth year of editing this column. Where does the time go??? Next month, a couple of surprises, but also a lot of room for your contributions. If any of you would like to call me, my phone number is: 813-949-4847. The best time to find me at home is Saturday or Sunday night (I work in the evenings during the week). Until April, Happy Spring and good DX to all.

CRACKER COUNTRY: I must be some sort of frustrated intellectual; I get writer's block doing reception reports!
(From: Westenhaver-PQ.)

Best,
David

Product Profiles

NEWS & REVIEWS
COMPUTER INFO
TECH TOPICS

Michael Nowicki N6LUU

6200 Meadowood Mall Circle #368
Reno, Nevada 89502

REVIEW OF THE NRD-515 RECEIVER by Harry F. Alexander

This is a table model dual superhetrodyne of the PLL type manufactured by the Japan Radio Corporation. It is a high quality semi-professional set. It covers the 0.1-30 Mhz range. Its reading accuracy is +/- 100 Hz.

The heart of the rig is the digital variable frequency oscillator consisting of a PLL synthesizer with a photo-type rotary encoder. The synthesizer is phase locked with a reference crystal oscillator. The digital VFO has no mechanical parts, backlash, reading error or secular variation. One turn of the tuning dial covers 10 hz. An electric lock freezes the frequency preventing change by accidental touch. It has continous tuning from 100 Khz to 30 Mhz in all modes. An up/down "slewing switch" overrides the dial to rapidly change the frequency.

The set comes with 6 and 2.4 filters for bandwidth. There is space for two more optional filters. These filters are controlled by a four position rotary switch so that bandwidth can varied in all modes at will. My set was modified when I purchased it by Gilfer Associates with the addition of a 3.4 and 0.6 filter which has resulted in very satisfactory combination. If I used the set for RTTY I would have had a 0.3 filter installed in place of the 3.4.

There is a combination BFO pitch control and MW/AM preselector. Two side by side controls (PBT and RIT) provide band pass tuning and vernier tuning control without changing the frequency readout. AGC has Off, Fast and Slow settings. There is a switchable noise blanket. There is a three position attenuator switch. There is also the fairly standard rotary switch for switching frequencies in 1 Mhz steps, an RF gain, plus the standard AM gain. This set was purchased with the optional 24 channel memory which is very simple to program.

I consider this set one of the "Rolls Royce's" of communications receivers. It is very user-friendly and a very quiet receiver. The set is now over four years old and has never required any servicing or adjustments. The set uses a seperate speaker which is a high quality unit in a matching cabinet. There has been minor criticism that the speaker is not as sharp as it might be but this results in pleasanter listening for most purposes.

There are various optional accessories including a remote control that can be purchased. The optional memory for the set has now been increased to a 96 channel memory.

The only minor complaint is that the main tuning knob does not work quite as smoothly as those on some other sets such as the Yaesu or Kenwood. I consider this by far my best set with the others following as I rate them: Icom IC-R70 (not user-friendly), Kenwood R-2000, (superior tone), Yaesu FRG-7700 (somewhat noisy), and SONY ICF-2001.

REVIEW OF SWLTEXT by Guy Atkins

The SWLTEXT software stuffs a lot of CW and RTTY decoding capability in 2 small ROM chips. A simple "SYS44444" keyboard command calls up the program. Rather than relate the many features of SWLTEXT, I'll mostly concentrate on personal observations relating to performance.

The program comes with a helpful pair of keyboard overlay sheets. I had these laminated and trimmed-out so they would stand up to wear and tear. You'll also want to be careful when installing the supplied cable on the CP-1. The TTL plug is a 5 pin design, and a tight fit.

The program's on screen 24 hour clock is a nice touch, but not too accurate. It loses a couple of minutes over a few hours. But then, you already have a 24 hour clock in your shack, don't you?

The "speed lock" function makes for more accurate decoding on CW when receiving keyboard sent Morse. Most hand-sent CW signals need the standard Auto Speed Track mode to make any sense at all out of the signals. I have successfully decoded 55 WPM CW with SWLTEXT.

Narrow CW filters on your receiver are required to copy signals that are in crowded band conditions. Even for signals in the clear, if the signal to noise ratio is poor, the screen will fill with "E"'s and other extraneous characters. There seems to be a fairly definite point below which CW signals are unreadable. This is probably a shortcoming of the CP-1 interface, not the software. I know the Info-Tech units do a better job in these tough signal situations. I've just learned to steer clear of those signals that are too weak or interfered with. Still, there are very many CW stations that can be copied fine.

I have found one signal so far that was sent in Japanese (Katakana) code. The SWLTEXT has provisions for copying these signals. When I pressed the F4 function key, suspiciously sounding Japanese-sounding words started appearing on the screen (in English phonetic equivalents of the text). Before I pressed F4, the copy appeared to be just random letters.

All RTTY modes of the SWLTEXT work very well. I particularly like the "Status Line" at the top of the screen in all modes, including CW. The top 2 lines of the screen are reserved for format or mode information such as normal or inverted, RTTY speed, and other information. In the FEC and ARQ mode the status line displays exactly what format the signal is at the moment: Standby, Phasing, Traffic, Idle, Change over, Request or Error. These titles change very rapidly at times, as the software responds to the signal. With practice, through observing the status line and listening to the signal, I have been able to recognize when an ARQ station is transmitting a Phasing signal only. This saves time in DXing ARQ stations such as ships and maritime coastal stations, which are my main interest. I can skip over signals that are only Phasing and not transmitting traffic.

Probably the most unique feature of SWLTEXT is the Timing Analysis (TA) routine. It works very well, but within limits. The stronger and clearer the signal is, the more accurate the Timing Analysis will be. Some signals will register only as noise during the analysis and no useful information will be gained. The only thing left for the RTTY Dxr to do then is cycle the SWLTEXT through all the standard speeds, including normal and reverse sense, and hope that clear copy appears on the screen. If intelligible copy indeed appears, you can bet it will take some imagination to mentally decipher some of the more severely garbled words. You might say that this is the visual equivalent of DXing regular broadcasting stations via our brain and ears. In any case, the use of the TA routine requires a better signal than does decoding a signal whose exact parameters are known.

The TA routine can determine whether a signal is Baudot RTTY, ASCII, or neither (ARQ and FEC unfortunately fall into this category). This analysis will mistakenly call a signal ASCII simply because it determines that individual data bits are 10 microseconds each. It

could be ASCII (if you're monitoring ham radio RTTY), but the signal could also be Morse code, ARQ, FEC or synchronous encrypted RTTY. This function of the SWLTEXT does its best job in picking out Baudot RTTY, and normal and reverse sense.

Determination of the signal's speed is especially dependent on having a strong, clear signal. On signals of moderate quality, a number of tries are required to get an idea of the proper speed. If the "guesses" of the TA seem to be near one of the standard speeds, it usually is one of the standard speeds. The TA is quite flexible and allows the direct use of the speed and mode determination.

A subroutine of the TA is a test for bit inversion and bit transposition. It's interesting to watch the screen display as the SWLTEXT cycles through various bit combinations. I have only run across bit inverted signals twice in 3 months of use of SWLTEXT. In neither case was I able to get clear copy. Supposedly the FCC uses, or once used, bit inverted RTTY as a method of encrypting their communications. The Grove Shortwave Directory gives a list of known FCC frequencies. The SWLTEXT will also allow the user to manually input any combination of RTTY speed, sense, bit inversion and bit transposition order. Thus if the parameters of a previously monitored non-standard signal is known, the Dxr can rapidly input the parameters whenever he monitors the signal again.

The Buffer feature of SWLTEXT can store from 8 to 12 screens of data for editing, recall, or storage (with the Vic 20 version of SWLTEXT; the C-64 version probably has a much larger buffer space). I like to use the buffer to store articles from RTTY press stations while I'm away from the radio.

The SWLTEXT program has many more features that help make it just about the best receive-only software on the market, in my opinion. Coupled with the CP-1 interface, the RTTY Dxr can decode very many of the non-military RTTY signals on the airwaves. (You will find a few military signals sent "in the clear", however; but only non-sensitive traffic.

Keep in mind that the CP-1/SWLTEXT combination requires a stable, selective receiver hooked up to it, just like any other RTTY unit, computer based or not. I use an ICOM IC-R70 with excellent results. I'd enjoy hearing from anyone who can share any tips, techniques, or modifications to the CP-1 or SWLTEXT. Please write: Guy Atkins, 3721 27th Place W. #301, Seattle, WA 98199.

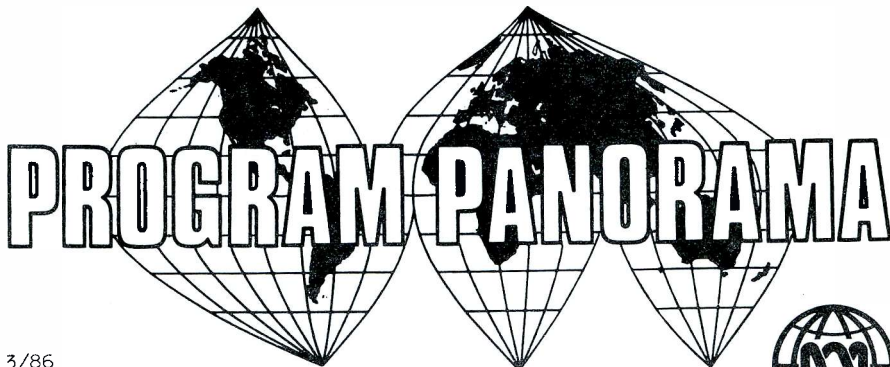
From Fred Osterman at Universal Shortwave Radio comes a press release announcing the Info-Tech M-6000 Multi-Mode Code Receiver. First, the bad news; it sells for \$849.95 plus shipping.

The good news is that it looks like it's one of the top of the line demodulators on the hobby and professional market. Its receive features include Morse at 5 to 120 WPM, Baudot-45 thru 250 baud, ASCII-75 thru 1800 baud, TOR with ARQ and FEC modes, plus the full 32 bit inversion combinations.

You simply connect your receiver's audio to the rear panel connector on the M-6000 add a scope for tuning. The user can connect a serial or parallel printer, video monitor or computer terminal for the text output.

This unit is microprocessor controlled with just about every bell and whistle I could think of, including digital filters and the option for external computer control.

I'm going to try to get a loaner for a review but in the meantime, for more info contact Universal Shortwave Radio at 614/866-4267 or write to them at 1280 Alda Drive, Reynoldsburg, Ohio, 43068.



PROGRAM PANORAMA

3/86

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



AUSTRALIA...Radio Australia has an interesting program which can be heard every morning Mon-Fri 1340-1350 UTC on 9580 kHz (and other frequencies). WINDOW ON AUSTRALIA features an interview with an Australian citizen about a topic of their locality. In recent weeks, topics have included crocodiles and cyclones in Queensland, the movie industry in New South Wales and flying doctors in the Northern Territory. The program interviews people that seem to have a lot of energy. Thus, the dull interviews so prevalent on shortwave stations seem even more boring when compared with those on this program. At the same time on Sat, a series of programs on the Murray River is presented. This program is also an interesting one to listen to. (WS)

AUSTRIA...Radio Austria International (do we really need another RAI?-WS) offers the following English programming: REPORT FROM AUSTRIA is followed by a daily feature program--Mon SPORTS REVIEW Tue AUSTRIA & THE UN Wed THE AUSTRIAN ECONOMY Thu POP CORNER Fri COMMENTARY & FOCUS Sat THE TOURIST SCENE Sun PROFILE OF AUSTRIA & POSTBOX 700. The programs are first heard at 1830 UTC on the day specified above, repeated at 2130 and then the following day at 0130, 0330, 0430, 0630, 0830, 1230, 1400 and 1500 UTC. AUSTRIAN SHORTWAVE PANORAMA can be heard Sun UTC at 0200, 0900, 1230, 1430, 1805 and Mon 0430. AUSTRIAN COFFEETABLE can be heard Sat 1805, Sun 0305, 1205 and 1400 UTC. (Forrest S. Bishop, NY)

BRAZIL...Contrary to reports, RadioBras is still broadcasting English programming. It is heard to Europe at 1800 UTC on 15155 and to North America at 0200 UTC on 11745 kHz. Mon-Fri begins with THE NEWS REPORT and MUSICAL, followed by Mon ECOLOGY or TURISM Tue TRADE & INDUSTRY or BRAZILIAN PERSONALITIES Wed HISTORY OF BRAZIL Thu DAILY LIFE IN BRAZIL or THE COUNTRYSIDE BRAZIL Fri CULTURAL HAPPENINGS or BRAZILIAN FOLKLORE. MUSICAL ends the transmission. On Sat you can hear SPORTS IN BRAZIL, MUSICAL, HIGHLIGHTS OF THE WEEK and MUSICAL. Sun's lineup is CHATTING WITH OUR LISTENERS, MUSICAL, SUNDAY SPECIAL, MUSICAL. (Thanks to Betsy Robinson, TN and Forrest Bishop, NY)

RADIOBRÁS
EMPRESA BRASILEIRA DE RADIODIFUSÃO



CANADA... (Peter Dillon, MD) "I just discovered a great program on the CBC Northern Quebec Service Sat 1800-1900 UTC on 9625/11720 kHz. It's called SIMPLY FOLK and features folk music from North America and the British Isles, plus some selections from other parts of Europe."

ECUADOR...Here is the schedule for some HCJB English programs which can be heard to North America between 0030 and 0700 UTC. The frequencies are 15155 and 9870 until 0200, when 6230 replaces 15155. 11910 is added at 0500 UTC. PASSPORT (M-F)--heard at 0100 and 0530 UTC. MUSIC IN THE NIGHT (Sun-Fri) is at 0400, followed by HAPPINESS IS. DX PARTY LINE is on Mon, Wed and Sat evenings at 0230 and 0630 UTC. MUSICA DEL ECUADOR can be heard Tue nights 0230 & 0515 UTC, Sat 0115 & 0545 UTC. (Note that all days given are for local time in the Western Hemisphere) (Thanks to M.L. Flannagan, VA for this info)



KOREA(Rep. of)...Radio Korea broadcasts the following English programs: Mon-Fri NEWS, NEWS COMMENTARY, SEOUL CALLING, LET'S LEARN KOREAN, then Mon TOWARD THE SEOUL OLYMPICS Tue KOREAN CULTURAL VARIETY Wed PULSE OF KOREA Thu INSIDE NORTH KOREA Fri KBS SALON. Sat has NEWS, NEWS COMMENTARY, SITES AND SOUNDS, FROM US TO YOU. On Sun you can hear WEEKLY NEWS REVIEW, ECHOES OF KOREAN MUSIC, SHORTWAVE FEEDBACK. They are scheduled to North America at 0200(11810, 15575), 0400(9570) and 1400 (9750, 15575) UTC. (F.S. Bishop, NY)

NETHERLANDS...Radio Netherlands has not sent program news for this month. However, I have been listening to the programming of RN recently, and here are my comments. Mon has a music program that is quite good. It features a different host and type of music each week. Tue has an arts magazine. I participate in local concerts and plays, and I enjoy all aspects of the arts in my area, but I have never heard a shortwave arts program that I enjoyed. I think that the problem is that the topics are covered in too much detail for me. Perhaps there are listeners who enjoy these programs--I'm not one of them. Wed and Fri on the transmission I've been listening to(1830 UTC on 17605) has AFROSCENE. This program is quite good, with topics of interest on Africa. A recent program had an interview with a doctor in a leprosy hospital in Uganda who had been captured by a guerilla band in that strife-torn country. It made for the listening experience that you can only find on shortwave. Of course, MEDIA NETWORK and SHORTWAVE FEEDBACK are good listening. (WS)

PHILIPPINES...The elections in this country have caused much comment in the media of late. Has anyone listened to the stations FEBC or VOP recently? We would like to have your comments.

SOUTH AFRICA...Hear a different viewpoint of what's going on in this topical country. They broadcast to North America 0200 UTC on 9615, 6010 and 5980 kHz. Programs are: (UTC days) Tue-Sat NEWS, COMMENT, AFRICA TODAY, NEWS IN BRIEF; Sun NEWS, SATURDAY NIGHT RSA, P.O. BOX 4559, NEWS IN BRIEF; Mon NEWS, UNDER THE SOUTHERN CROSS, THIS IS SOUTH AFRICA, OUR WILD HERITAGE, NEWS IN BRIEF. (David Clayton, MI)

UNITED KINGDOM...BBC World Service for March: WHAT MAKES WASHINGTON TICK is a look at how the Nation's Capital operates. Tune in 23rd 2330, 24th @ 0630, 1000, 1515 UTC.....PROSTITUTES looks at this "profession" on the 23rd @ 1615, 25th @ 1215, 2330, 27th @ 0330 UTC.....If you have had a common cold recently, you might want to listen to THE WORLD'S MOST SUCCESSFUL VIRUS. Find out why you get them and what is being done about a cure on the 9th @ 1615, 11th @ 1215, 2330 and 13th @ 0330 UTC...GIOTTO SPACECRAFT MEETS HALLEY'S COMET coverage begins on the 13th @ 1900 and continues until 0100 on the 14th.....221B is a play about--you guessed it--Sherlock Holmes, and it can be heard on the 29th @ 1900, 30th @ 0100, 1200 UTC.....(London Calling, March 1986 edition)

USSR...(Peter Dillon, MD) "I discovered a folk music program on Radio Moscow World Service that is worth a listen. The program is called FOLK BOX and features ethnic music from around the USSR. The program I heard focused on Armenian folk music with interviews and discussions of the instruments and songs. The show lasts 30 minutes and contains no propaganda. Program times are (UTC): Thu 0730, 1430, 1830, 2130; Sat 1430; Sun 0730. Frequencies will not be hard to find--RMWS is everywhere!"

VATICAN...Vatican Radio broadcasts a daily 20 minute program to North America from 0050 to 0110 UTC on 6015, 9605 and 11845 kHz. The feature programs are: Sun WITH HEART AND MIND Mon THE POPE, THE CHURCH AND THE WORLD Tue A MANY SPLENDoured THING Wed TALKING POINT Thu THE POPE AND THE PEOPLE Fri LETTERBOX, STUDIO 3 or BETWEEN THE LINES Sat THE CHURCH TODAY. (Thanks to Dave Kustra, AZ for this schedule)

So ends another month. Let us know what you think of the column, and be sure to send in your comments and other contributions. 73! and Good Listening! W5

Station Skeds

DEGREES OF AZIMUTH

TIMES (UTC)

EDITOR:

FREQUENCIES

LANGUAGES

Ralph S. Bowden
1255 Amethyst Street
Space 30
Mentone, CA 92359

RELAY SITES

TARGET AREAS

POWER (kW)

BULGARIA: R. SOFIA, FOREIGN SERVICE
beamed to North America, latest schedule:
1930-2000 6070, 7100, 11720 English
2130-2200 6070, 7100, 7115 "
2230-2330 6070, 11720 "
0000-0100 6070, 11720 "
0400-0500 7115 "
0700-0800 9700 "
(DIRECT, RS, COMPLETE. D. Lehman, MA.
D. Sampson, WI. E. Soomre, MA.)

CUBA: R. HABANA, early M-86, all zones
and all languages:

SPANISH LANGUAGE
0900-1100 6090
1100-1600 11950, 15230
1100-1645 9550
1100-1800 11760
1100-2050 11725, 15300
2200-0040 11855
2200-0200 6060
2200-0600 9730, 11815
2300-0600 11970
0000-0245 11725
0100-0300 6090
0300-0600 5970, 6060
0630-0700 9730
0930-1045 9730
1800-2000 9695, 9720
1800-2000 11960, 15230

PORTUGUESE LANGUAGE
0900-1000 9550
2300-2400 11725
0730-0830 9730
2000-2100 9685, 9720

ENGLISH LANGUAGE
0000-0600 6100, 9740
0100-0450 6140
0330-0600 6090
0600-0800 9525
2050-2140 11725, 15300
0100-0600 6190
0330-0600 6090
1700-1800 9695
2010-2140 11795
2200-2300 6165

CREOLE LANGUAGE
1100-1200 6060
0200-0300 6060
QUECHUA LANGUAGE
1000-1050 9655
2200-2300 11970
(CONTINUED)

CUBA: R. HABANA, early M-86 (CONTINUED):

GUARANI LANGUAGE TARGET
2200-2300 11725 SAm
ARABIC LANGUAGE
1500-1600 9695 A₆, ME
1630-1700 11950, 15230 "
FRENCH LANGUAGE
0300-0330 6090 NAm
0830-0930 9730 A₆, ME
1600-1700 9695 "
1830-2010 11795 "
2000-2140 11950, 15230 "
2100-2200 6165, 9550 "
(DIRECT, RHC, COMPLETE. D. Clayton, MI.
G. Froemming, AZ. D. Lehman, MA. V.
Macrie, NJ. W. Muzyka, NY. E. Soomre,
MA. S. Paszkiewicz, WI. D. White, MS.)

CZECHOSLOVAKIA: R. PRAGUE, early M-86,
English language, latest information:

TARGET
0100-0157 5930, 6055, 7345,
9630, 9740, 11990 NAm
0300-0357 5930, 6055, 7345,
9630, 9740, 11990 NAm
1530-1625 5930, 6055, 7345,
9605, 11990, 13715,
15110, 17705, 21505, A₆, Asia
1730-1825 5930, 7345, 9605,
11990, 13605, 15110, A₆, Asia
17705
(DIRECT, RP, EXTRACTS. A. Falbo, OR.
D. Lehman, MA. R. Adams, MA.)

ETHIOPIA: VOICE OF REVOLUTIONARY
ETHIOPIA, FOREIGN SERVICE, ADDIS ABABA,
latest information:
1500-1600 7165, 9560 Tigrigna A₆
1900-2000 9595 Amharic A₆
(INDIRECT, SWLD, via D. Norcross, CA.)

HUNGARY: R. BUDAPEST, EXTERNAL SERVICE,
beamed to North America, M-86 schedule:
0200-0230 12000, 11910, 9835,
9530, 6110, 6025 T-Su EE
0300-0330 12000, 11910, 9835,
9520, 6110, 6025 Daily EE
0130-0200 6025, 6110, 9520, 9835,
0230-0300 11910, 12000 Tu-S Hu
0330-0400 6025, 6110, 9520, 9835,
9585, 12000 Tu-S Hu

(DIRECT, RB, EXTRACTS. E. Soomre, MA.
G. Romanin, Italy.) Hu = Hungarian.
SPEEDX'ers are invited to forward reports
or schedules to Editor early. Ralph

KOREA (NORTH): R. PYONGYANG, KOREAN
CENTRAL BROADCASTING STATION (DPR),
latest information:

1400-1500	7230, 11880	EE
2300-2350	17735	EE
0400-0450	13650, 15150, 15145	EE
0600-0650	11830, 13650, 15150, 15305	EE
1100-1250	9750, 9977	EE

(INDIRECT, SWLS. B. Shamblin, AR.)

MONGOLIA: R. ULAN BATOR, EXTERNAL
SERVICE, beamed to Asia and Pacific
areas, latest information:

0900-1025	12015, 0615	Mongolian
1025-1045	12015, 9615	St. Chinese
1050-1130	12015, 9615	Mongolian
1130-1200	12015, 9615	St. Chinese
1200-1235	12015, 9615	English
1255-1330	15305, 7235	"
1330-1400	15305, 7235	St. Chinese
1400-1435	15305, 7125	Mongolian
1445-1520	12015, 7125	English
1940-2015	15315, 7235	"
2100-2130	12015, 9615	St. Chinese
2025-2100	12015, 9615	Mongolian

(DIRECT, RUB, COMPLETE.)

POLAND: R. POLONIA, FOREIGN SERVICE,
WARSAW, M-86 broadcast season:

			TARGET
1130-1225	9525, 11850		
	17865	Po	NAM
1230-1200	9525, 15120,		
	9675, 11840	EE	A6
1630-1700	7125, 9525,		
	9675, 11840	EE	A6
1830-1855	7125, 9525,		
	9675, 11840	EE	A6
2000-2130	7125, 7145,		
	9525, 9675	EE	A6
0200-0300	6095, 6135, 7145,		
	7270, 9525,		
	11815, 15120	EE	NAM
0300-0355	6095, 6135, 7145,		
	7279, 9525,		
	11815, 15120	EE	NAM

(DIRECT, RP, EXTRACTS. V. Macrie, NJ.
R. Munster, GA. J. Somers, CA.
R. Vajko, PA.)

SOVIET UNION: R. KIEV, UKRAINIAN SSR,
M-86, English language:

			TARGET
0030-0100	7165, 7205, 9500,		
	11790, 11860, 15100	NAM	
0300-0330	6020, 7165, 7205,		
	11790, 11860, 15180	NAM	

(DIRECT, RK, EXTRACT.)

SOVIET UNION: R. TASHKENT, UZBEKISTAN
SSR, early M-86, beamed to S. Asia:

1200-1230	5945, 5885, 9540,		
	9600, 11785	EE	
1330-1400	5945, 5965, 9540		
	9600, 11795	EE	

(DIRECT, RT, COMPLETE.)

TANZANIA: R. TANZANIA, DAR ES SALAAM,
latest information:

0330-0430	6105, 5985	EE
0900-1030	9685	EE
0900-1500	9685 {Sat, Sun}	EE
1530-1915	15435, 6105	EE

(INDIRECT, SWLD. D. Norcross, CA.)

THAILAND: R. THAILAND, BANGKOK, EXTERNAL
SERVICES, complete M-86 schedule:

0915-1000	9655, 11905	Lao
1000-1020	9655, 11905	Mandarin
1025-1055	9655, 11905	Thai
1055-1155	9655, 11905	English
1200-1230	9655, 11905	Vietnamese
1230-1300	9655, 11905	Cambodian
1305-1350	9655, 11905	Malay
1355-1425	0655, 11905	Burmese
1430-1450	9655, 11955	Japanese
2330-0200	9655, 11905	English
0415-0515	9655, 11905	
0520-0550	9655, 11905	French

(DIRECT, RT, COMPLETE.)
9655 = 50 kW. 11905 = 100 kW.

TURKEY: VOICE OF TURKEY, ANKARA,
latest information:

			TARGET
2300-0000	9560	English	NAM
0000-0400	9560	Turkish	NAM
0400-0600	9560	English	NAM

(DIRECT, VOT, EXTRACT. G. Romanin,
Italy.)

UNITED ARAB EMIRATES: U.A.E. RADIO,
DUBAI, latest information:

			TARGET
1030-1100	11940, 17775,		
	17830, 21605	EE	Eur, EA6
1330-1400	7195, 17775,		
	17830, 21605	EE	Eur, EA6
1600-1645	7195, 11955,		
	15300, 15320	EE	Eur, EA6

(DIRECT, UAER, INCOMPLETE. D. Norcross,
CA. G. Romanin, Italy.)

UNITED KINGDOM: BBC, WORLD SERVICE
(English language), March, 1986, beamed
to NAM, CAM and N.SAM:

			RELAY
1100-1330	5965		Sackville
	11775, 6195		Antigua
1300-1330	9510		"
1300-1615	9740, 11750		Singapore
1600-1745	9515, 15260		Sackville
2000-0730	6175		Antigua
2000-2330	15260		Ascension
2200-0730	5975		(U.K.)
2200-0230	9915		(U.K.)
2300-0430	6120		Sackville
2300-0330	7125		(U.K.)
2300-0030	9590		Sackville
2300-0330	11750		Ascension
0000-0330	6075		Antigua
0000-0030	9570		Singapore
0030-0330	9515		Greenville
0430-0915	9510		Antigua
0600-0730	7150		(U.K.)

(DIRECT, LC and OS, COMPLETE.)

U.S.A.: VOICE OF AMERICA, WASHINGTON, D.C., English, Spanish and Portuguese language broadcasts, valid until March 29, 1986. Broadcasts were monitored:

ENGLISH LANGUAGE	RELAY/POWER	TARGET
0830-0900	9750 MVA/50	WAf
1100-1400	6040 DX/250	LAm
1100-1400	6110 PHL/250	Indo
1100-1500	9760 PHL/250/250	SEAsia
1100-1500	11715 PHL/250	EAsia
1300-1900	9645 COL/50	SAsia
1400-1900	6110 PHL/250	SEAsia
1500-1700	15205 KAV/250	SAsia
1600-1900	9575 PHL/250	EAf
1600-1900	11920 PHL/250	EAf
1600-2200	15410 GR/500	WAf
1600-2300	17795 BY/250	WSEAf
1700-2100	15205 GR/250	Eur
2200-2330	11740 GR/250	LAm
2200-0100	15290 PHL/100	FE
2200-0100	17740 PHL/250/250	Asia
2200-0100	9770 PHL/250	SEAsia
0000-0400	6130 GR/500	Carib.
0000-0400	9640 GR/500	LAm
0000-0200	11740 DL/250	LAm
0000-0400	15395 GR/250	LAm
0100-0230	15185 PHL/250	SAsia
0000-0300	5995 GR/500	LAm
0300-0800	6035 MVA/250	SWAf
0300-0800	9670 GR/250	Eur
0600-0800	6080 GR/500	WAf
0600-0800	9530 GR/500	WAf
0600-0800	9550 BY/250	WAf
0730-0800	9575 GR/250	WAf

SPANISH LANGUAGE

1100-1400	9525 BY/250	LAm
1100-1400	6140 GR/500	CAm
1100-1400	9540 DX/250	LAm
1100-1300	9565 DX/250	LAm
1100-1400	11890 GR/500	LAm
1100-1400	11740 GR/250	LAm
2230-2300	9640 GR/250	LAm
2300-0300	6155 DX/250	CAm
2300-0330	6190 GR/250	LAm
2300-0300	9505 DX/250	LAm
2300-0330	9670 GR/250	LAm
2300-0300	11895 GR/500	LAm
2300-0300	11950 DX/250	LAm
2300-0400	15400 GR/500	LAm
2345-0045	9655 BY/175	LAm

PORTUGUESE LANGUAGE

1000-1100	9540 GR/500	Bz
0100-0230	9580 BRZ/250	LAm
2300-2400	9690 MVA/250	Bz
1000-1100	11715 GR/500	Bz
2300-2400	11925 GR/250	Bz
2200-2330	15160 GR/250	LAm

(DIRECT, VOA, PARTIAL. DX=Dixon, CA. GR=Greenville, NC. BRZ=Brasil. MVA=Monrovia, Liberia. PHL=Poror/Tinang, Phillipines. BY=Bethany, OH. COL=Colombo, Sri Lanka. DL=Delano, CA. KAV=Kavala, Greece. Eur=Europe. Af=Africa. Carib.=Caribbean. FE=Far East. Oc=Ocean. Indo=Indonesia. LAm=Latin America.)

WHEN SUBMITTING HANDWRITTEN REPORTS, PLEASE DOUBLE CHECK ALL YOUR ENTRIES AGAINST REFERRAL MATERIAL FOR ACCURACY AND COMPLETENESS, INCLUDING ALL DETAILS. Ralph

U.S.A.: KVOH, HIGH ADVENTURE BROADCASTING NETWORK, VAN NUYS, CA. Antenna has been erected, building completed. In mid to end of February, 1986, a 50 kW transmitter will be installed, then testing will begin in accordance with following schedule until 0100 UTC, March 2, 1986:

			Az.	kW	ZONE	TARGET
1400-1600	9525	EE	100	50		10,11,12
1600-2200	17775	EE	100	50		10,11,12
2200-0000	15120	EE	100	50		10,11,12
0000-0300	11930	EE	100	50		10,11,12
0300-0600	9852.5	EE	100	50		10,11,12
0600-0800	6005	EE	100	50		10,11,12

At 0100 UTC, March 2, 1986, the station will use following coordinated tentative testing schedule until March 30, 1986:

1400-1600	9525	EE	100	50		10,11,12
1600-2200	17775	EE	100	50		10,11,12
2200-0000	15120	EE	100	50		10,11,12
0000-0300	11930	EE	100	50		10,11,12
0300-0500	9852.5	EE	100	50		10,11,12
0500-0600	9525	EE	100	50		10,11,12
0600-0800	6005	EE	100	50		10,11,12

On March 30, 1986, Easter, the station will commence with regular programming and will follow the latter schedule. Transmitter is located at Rancho Simi, CA., with G.C. of 118.380/34.15N. (DIRECT, KVOH, TENTATIVE.)

U.S.A.: KGEI, THE VOICE OF FRIENDSHIP, REDWOOD CITY, CA., latest information:

1400-1500	6150	Russian
1415-1600	15355	Spanish
2130-2200	15280	English
2200-0130	15280	Spanish
0130-0300	11935	"
0200-0600	7365	Russian
0300-1415	9615	Spanish
0030-1400	6085	Russian

(DIRECT, KGEI, INCOMPLETE. F. Bishop, NY.)

U.S.A.: KNLS, THE NEW LIFE STATION, ANCHOR POINT, ALASKA, M-86 schedule:

0800-1100	9540	EE	270	Deg.	Az.
1100-1400	9540	CC	285	"	"
1400-1630	9535	RR	315	"	"
1630-1930	9540	EE	0	"	"
1930-2200	7355	RR	0	"	"

(DIRECT, KNLS, TENTATIVE. R. Lemke, AB. E. Soomre, MA.)

YUGOSLAVIA: R. YUGOSLAVIA, FOREIGN SERVICE, BEOGRAD, latest information:

1530-1600	9620	15240	15300	EE
1830-1900	6100	9620	11735	EE
2000-2030	6100	7240	9620	EE
2145-2215	6100	9620	7240	SS
2215-2230	6100	7240	9620	EE
0000-0030	7240	9620	11735	SS
0100-0130	7240	9620	11735	SS

(INDIRECT, SWLD, and OS. D. Norcross, CA.)



WESTERN HEMISPHERE

EDITOR: THOMAS F. SABLE
University of Scranton
Scranton, PA 18510

DEADLINE: TWELFTH
TIMES: GMT
FREQUENCIES: kHz

Thoughts of spring and baseball dance in my head, but outside the wind howls in the antenna wires. Therefore it is appropriate that we begin the loggings with:

ANTARCTICA

15474 0007 SS R. Nac. San Gabriel YL DJ with pop mx and announcements EE ID and freqs. Address (232 01/10 Orr FL)

ANTIGUA

5975 0625 EE BBC relay New frequency from Antigua(454 1/26 Palmer WA)
6040 0145 EE DW relay German lang. lesson(545 1/12 Roberts FL) 0116
Sympathy on Challenger disaster Mailbag(454 2/02 Bingham MA)
6120 0516 EE DW relay Press Review, Microphone on Europe wx(454 2/01 Bingham MA)
6175 0448 EE BBC relay Financial news South Yemen(444 1/18 Neff OH)+3
6195 1106 EE BBC relay World nx News about Britain Development '86(555 1/27 Westenhaver QU)(555 2/01 Brown IL)
9510 0409 EE BBC relay Fighting in Yemen(544 1/18 Brown IL)
9690 0658 GG DW relay Piano mx by Gershwin ID) IS(434 1/10 Westenhaver QU)
11775 1145 EE BBC relay Meridian, Radio Newsreel(544 1/21 Alexander NJ)
11795 0145 SS DW relay Rock in EE OM DJ in GG(544 1/15 Blair CA)
15355 2055 GG DW relay Mx, ID, IS (444 1/31 Blair CA)

ARGENTINA

9690 0100 EE RAE Sched and address 'all letters answered' Headline nx(454 1/21 Hesch NY) Personal File(433 1/23 Stanley AZ)(555 1/15 Ruhe PA)(354 1/28 Radtke CA)(333 2/04 Kephart MI) Kennedy visit, mx, Spanish Press(544 1/15 Brown IL)(544 1/24 Valentine CA) 0100 sched //11710(454 1/31 Hesch NY) Argentine books(444 1/15 Bishop NY)
11710 0100 EE RAE new electricity generating plant, government nx address (444 2/01 Valentine CA)(333 1/19 Berri CA)(333 1/14 Stephenson CA)
15345 1815 EE RAE Nx about Argentina(322 1/08 Rocker MS)tango mx(444 1/20 Coleman MA)

BELIZE

3285 0415 EE R. Belize ID, YL DJ: dedications Purple Rain on Michael Jackson and the Boss (444 1/25 Stanley AZ)(322 1/14 Thompson CA)

BOLIVIA

4796 1053 SS R. Nueva America Om & YL mention La Paz; ad and ID (232 1/22 Thunberg PA)
4875 0944 SS La Cruz del Sur Religious program; ID on the hour (343 1/20 Huffaker MX)

BRAZIL

Language is Portuguese unless otherwise noted.

- 3325 0503 R. Liberal /tent/ Canned ID religious program(222 1/20 Wilkins CO)
- 4755 0119 R.Dif. do Maranhao modern mx until ID (333 1/16 Huffaker MX)
- 4755 0747 R.Ed. Rural Brazilian mx with DJ breaking in Nac. ID at 0800(343 1/28 Huffaker MX)
- 4755 0123 R. Dif. do Maranhao Lively Brazilian mx, OM, ID)(343 1/13 Thompson CA)pop mx(232 1/14 Bishop NY)
- 4785 0359 R. Brasil ID (222 1/25 Huffaker MX)
- 4805 0916 R. Dif. do Amazonas tourism plug for Manaus(333 1/20 Huffaker MX)(343 1/24 Kephart MI)
- 4815 0910 R. Nac. de Tabatinga wakeup mx, promo, ID (444 1/25 Huffaker MX)
- 4845 0230 R. Nac. Manaus Nx, IDs(444 1/31 Perlmutter MA)
- 4845 0224 R. Nac. da Amazonia Program IDs and station ID (322 2/01 Huffaker MX)
- 4845 0900 R. Nac de Manaus IDs, NX??(232 1/25 Dillon MD)
- 4875 0850 R. Nac. ID (232 1/20 Huffaker MX)
- 4880 0801 R. Dif. Acreana soft music, ID by yakking DJ(343 1/20 Huffaker MX)
- 4885 0854 R. Clube do Para' R. Nac. ID(343 1/20 Huffaker MX)Jingle: 'Clube Clube Clube!' ID with AM freqs.(444 1/25 Sheedy CA)(333 1/19 Dillon MD)(433 1/20 Bishop NY)
- 4895 0702 R. Bare' NA, full ID, musical ID and sound effects(343 1/11 Huffaker MX)
- 4905 1000 R. Araguaia ID(333 1/20 Huffaker MX)IDs,Ad(343 1/25 Dillon MD)
- 4915 0230 R.Anhanguera ads, IDs, promos, freqs(343 1/09 Rocker MS)romantic mx, full ID(333 1/16 Huffaker MX)(333 1/19 Witte CA)
- 4945 0200 R. Nac. Nx with program IDs(333 2/01 Huffaker MX)
- 4945 0921 R. Dif. Pocos de Caldas Brazilian mx, fast ID tape(232 1/20 Huffaker MX)
- 4975 2245 R. Timbira de Maranhao ID(232 1/08 Huffaker MX)
- 4985 0556 R. Brasil Central ID:'1270 kHz onda media-4985 kHz onda corta...R. Brasil Central'(232 1/28 Kephart MI)(333 1/17 Witte CA)
- 5025 0124 R. Borborema /tent/ Pop mx, Nx(433 1/23 Moll MI)
- 5045 0155 R. Cultura do Para' Brazilian folk music, ID(333 1/15 Huffaker MX)sign-off routine of promos, IDs, freqs, NA(244 1/09 Rocker MS)Rock and pop mx with OM DJ(343 1/20 Dillon MD) Opera(433 1/24 Bishop NY)
- 6030 0828 R. Globo Ad for video cassettes, TC, Romantic song(343 1/25 Dillon MD)
- 6180 0720 R. Nacional da Amazonia Mx does not sound Brazilian, TCs, Musical ID (343 1/10 Westenhaver QU)
- 9635 0115 R. Aparecida ballads, ID:' R. Aparecida en todo Brasil' //11856 (344 1/09 Rocker MS)
- 9645 0105 R. Bandeirantes mellow pops, YL with ads//11925(322 1/09 Rocker MS)
- 9705 0045 R. Nac. local pops, OM, ID, 'Nacional informa'(322 1/09 Rocker MS)
- 11745 0200 EE R.Bras YL with Brazilian nx, pop mx, Samba Brazil, electronics(444 1/14 Stanley AZ)(544 1/22 Blair CA)freq. and address(544 1/22 Blair CA)'Chat with Our Listeners', Economic report(333 1/19 Brown IL)(222 1/08 Emerson OR)(454 2/05 Hesch NY)
- 11780 2100 R. Nac. da Amazonia Romantic ballads, ID, nx(444 1/14 Abbinante IL)live mx from local club, singer sends greetings to R. Nac. listeners 343 1/27 Kephart MI)(354 2/01 Radtke CA)
- 11785 0145 R.Guiaba 2 OMS mention Brazil.(322 1/09 Rocker MS) 'Esportiva', phone-in(353 2/06 Wilkins CO)
- 11805 2245 R. Globo DJ talks excited to phone-in, IDS: 'sistema Globo del Radio'(333 1/08 Rocker MS)
- 11856 2235 R. Aparecida violins and vocals, Mass, ID(254 1/08 Rocker MS)
- 11905 2320 R. Universo comedy act, ID and promo, continues comedy(253 1/08 Rocker MS)
- 11925 2310 R. Bandeirantes Talk show, Time pips, ID and ads(354 1/08 Rocker MS)
- 15190 0258 R. Inconfidencia Braz. and EE pops, announcements, IDs and promos(232 1/18 Westenhaver QU)
- 15200 1940 R. Bras YL and OM talk and laugh(555 1/20 Ruhe PA)
- 17755 1753 EE R.Suriname International Interview with prof. of Indian Mx, ID, Freqs. and address News in Sranan 333 1/20 Brown IL)

CANADA

Radio Canada International Canadian Broadcasting Corp.

- 5960 0105 EE RCI Listeners' Corner, (555 1/13 Hesch NY) taxes on gas and beer (often the two go together TFS), wx, promos for hockey
433 2/05 Bingham MA) Cruise missile misses, As It Happens
(444 1/24 Moll MI) (555 1/19 Brown IL) machine for blind
(555 1/12 Brown IL)
- 5965 1310 EE BBC relay S. Yemen evacuation instructions, 24 Hours (444 1/18 Dillon MD)
- 6005 1600 EE CFCX Nx, Cruise missile strays, ID(444 1/23 Bingham MA)+1
- 6030 2040 EE CFVP Rock mx, 'Calgary's all hit radio AM 106' (433 1/20 Grussling ID) TC, ads (454 1/11 Palmer WA) (333 2/01 Sheedy CA)
- 6065 1235 EE CBC Fresh Air: Eddie Fisher, Freqs (454 1/19 Bingham MA)
- 6070 0813 EE CFRX Music mix, ID (322 1/19 Grussling ID) (333 1/20 Bingham MA) One Minute Manager with Dr. Tim Blanchard (333 1/29 Kephart MI) (544 1/18 Brown IL) (433 1/13 Bishop NY)
- 6080 2315 EE CKFX Country western mx, Id: 'WX 1130' (343 1/14 Grussling ID) Community calendar, country mx (323 1/10 Emerson OR) (222 2/01 Sheedy CA)
- 6120 0200 EE BBC relay Review of the British Press (444 1/13 Dillon MD)
- 6130 1439 EE CHNX TC, Phone no. for call-in contest, rock mx, ID, ads (222 1/22 Bingham MA)
- 6140 0622 EE/FF RCI News and sports, Toronto Stock Exch. (333 1/14 Westenhaver QU)
- 6195 0211 EE CBC As It Happens, Meteor seen in Newfoundland, CFL on decline (454 1/22 Bingham MA)
- 9515 1735 EE BBC relay Sports and soccer (555 1/25 Brown IL) (444 1/11 Duncan NC)
- 9625 1229 EE CBC Good Morning Quebec, Wx, NHL scores (333 1/25 Bingham MA) Cross Country Checkup: 'Have we learned from M. Luther King?' (433 1/19 Brown IL) (433 1/18 Dillon MD) (454 2/09 Hesch NY)
- 9755 0157 EE RCI ID, sked, address, into FF (555 1/12 Roberts FL)
- 9760 2204 EE RCI Nx, taxes rise (322 1/21 Bingham MA) (544 1/20 Brown IL) As It Happens: terrorist alert at Toronto Airport (444 1/16 Beaver IN)
- 11720 1535 EE CBC Nx and commentary, stories (444 1/11 Duncan NC)
- 11945 2014 EE RCI Meteor in Newfoundland, Olympic volleyball team (333 2/04 Bingham MA) Shortwave Listeners' Feedback (544 1/12 Brown IL)
- 11955 1435 EE RCI Acid rain (555 1/12 Hunt NC)
- 15260 1705 EE BBC relay World nx, OM preaches on forgiveness, px on movies (544 1/19 Thompson CA)
- 15325 2140 EE RCI African service: Libya sanctions, Expo' 86 (544 1/17 Brown IL)
- 17820 1746 GG RCI overcoming claustrophobia and agoraphobia with behavior mod. (Not both in one person, I hope. TFS) 343 1/16 Westenhaver QU) Israel seizes Libyan plane, chemical weapons conf. (444 2/04 Bingham MA) (444 1/18 Trent AK)

CHILE

- 15140 0256 SS R. Nacional de Chile principales noticias de Chile y el mundo, off 0259 (443 1/18 Westenhaver QU) 2 OMs, ID (444 1/11 Ross ON) (443 1/11 Neff OH) (555 1/20 Brown IL)

CLANDESTINES

- 6305 0620 SS V. CID ID; pop mx (444 1/27/86 Rocker MS) IS (444 1/25/86 Sampson WI) [congrats on the new R1000]
- 6556 0340 SS R. Venceremos YL talks; Spanish guitar mx; ID; Freq and TC (242 1/15/86 Abbinante IL)
- 6663 0205 SS V. Alpha 66 OM & YL calling for Cubans to revolt; YL reads 4 digit group groups; ID; more talk; muffled audio 353 1/21/86 Westenhaver QU)
- 7390 0524 SS V. CID SS ballads with OM DJ; ID (443 1/10/86 Westenhaver QU)
- 7470 0230 SS R. Caïman EE pop & rock mx; The Boss; YL gives ID (333 1/11/86 Ross ON) talks on science and comunismo (444 2/07/86 Wilkins CO) YL with jazz mx; Pierre Cardin; Mao; Jane Fonda (454 1/12/86 Hesch NY) Panorama Economico; IDs (454 2/10/86 Hesch NY)
- 9940 1354 SS R. Camilo Cienfuegos 'la cadena radial de la Voz del Cuba. Independiente y Democratica' network news (454 1/20/86 Kephart MI) Anti-Castro stuff (354 1/23/86 Palmer WA)
- 11635 2216 SS V. CID Rock mx; ID; nx (444 1/08/86 Neff OH)

COLOMBIA

- 4775 0659 SS R. Super phone-in program IDs(333 1/28 Falbo OR)back on nominal freq. after yrs on 4875(333 1/31 Kephart MI) (353 1/09 D'Angelo PA)
- 4885 1148 SS Ondas del Meta Guitar mx TC ID(222 1/18 Dillon MD)
- 4945 0510 SS Caracol Neiva Space shuttle with interview from Houston TC ID(444 1/29 Brown IL)+1
- 4975 1115 SS Ondas de Ortecuaza IDs Musica Latina and songs(444 1/17 Falbo OR)+2
- 5095 0455 SS R. Sutatenza Latin ballad OM with ID TC Freq. National anthem (322 1/11 Abbinante IL)ID gives all MW and SW outlets NA(333 1/18 Westenhaver QU)(333 1/21 Listransky NY)+3
- 5955 1022 SS V. Centauras ID and 'Buenos Dias Colombia' by Om Ranchero mx(333 1/15 Thunberg PA)+1
- 6115 0650 SS R. Super 'R. Super de Bogota' meregue mx, former Cali freq.(343 1/12 Palmer WA)
- 6116 1035 SS V. Llano Ads, mooing cows, MW and SW ID,mx(323 1/16 Westenhaver QU)
- 11793 0220 SS R. Dif. Nac. EZL mx, Latin pops, OM(344 1/19 Denton KY)
- 11795 0220 SS R. Dif. Nac. Poesia Hispano-Americano, Gong, ID, religious mx (333 2/07 Wilkins CO)

COSTA RICA

- 4832 0825 SS R.Reloj YL & OM DJs, talk,mx,ID(222 1/09 Coday CA)+4
- 4850 0320 SS R. Columbia IDs, Latin American mx with congas(433 1/25 Stanley AZ)+4
- 5005-0300 EE TIFC ID, Back to God Hour(343 1/13 Soomre MA)+4
- 6006 0810 SS R. Reloj Musica Latina, ID'(333 1/25 Falbo OR)(333 1/20 Dillon MD)Spanish pops, ads, ID and TC(333 1/25 Shaffer PA)
- 6160 1206 SS R. Impacto ID, Voyages of Christopher Columbus(333 1/20 Westenhaver QU)+2

CUBA

- 4765 1140 RR Relay Mayak channel Classical Mx, spur at 4772.5(444 1/19 Wilkins CO)(544 1/12 Dillon MD)
- 5025 0200 SS R. Rebelde OM DJ with mx, ID: Radio Rebelde Cadena Nac. Martial mx, political speech (probably MW relay TFS)(454 1/31 Coday CA)Baseball game, ID(333 1/31 Falbo OR)
- 5980 0301 EE RHC Better program promo, ID and freqs: 5980 not included(322 1/12 Westenhaver QU)
- 6000 0110 EE RHC Jazz Place(555 1/13 Ruhe PA)
- 6000 1025 EE RMWS News and Views, early sign on?(444 1/27 Westenhaver QU)(444 1/31 Blair CA)
- 6090 0307 FF RHC Lat. American debt crisis in nx by YL(433 1/12 Westenhaver QU)
- 6100 0140 EE RHC Bob Marley mx, ID, target areas(555 1/25 Brown IL)+1
- 9740 0300 EE RHC ID, Nx, Sports Roundup, News about Cuba(444 1/23 Stanley AZ)+2
- 11840 1525 EE RMWS Russian bear responds to questions(444 1/11 Duncan NC)
- 15300 2110 EE RHC World of Stamps(555 1/12 Ruhe PA)

DOMINICAN REPUBLIC

- 11700 1920 SS R. Clarin Latin pop mx, ID(232 1/11 Abbinante IL)(444 1/25 Brown IL)

ECUADOR

- 3220 0356 SS HCJB World nx, IDs and time pips(333 1/28 Huffaker MX)listeners' letters(333 1/13 Palmer WA)
- 3260 0343 SS V. Rio Carrizal party mx until NA at sign off(242 1/11 Huffaker MX)ballads and Andean flute mx, ID(333 1/09 Rocker MS)
- 3280 0102 SS V.Napo pol. meeting on economy, net ID, full ID(322 2/01 Huffaker MX)
- 3380 0159 SS R. Iris/tent/ OM reads nx, TCs, Ecuadorean mx(332 1/19 Thompson CA)
- 3395 0144 SS R. Zaracay SS pops ads jingles, ID"(433 1/15 Ross ON)+3
- 4680 0425 SS R. Nac. Espejo Light mx, full ID, freqs.(323 2/03 Orr FL)(222 2/08 Shanklin MA)
- 4795 0054 SS V.Caras Brassy mx, ID with nx?(333 1/13 Dillon MD)
- 4800 0120 SS R. Popular promos and ID(232 1/26 Huffaker MX)

ECUADOR (cont.)

- 4810 0033 SS V. Galapagos Sleepy EZL mx, Om with IDs and 'Puerto Moreno'(232 1/13 Forsgren WI)ID by OM: Esta es La Voz de Galapagos, slow mx(222 1/13 Evans TN)ID with freqs.(433 1/12 Orr FL)classical mx until ID(333 1/16 Huffaker MX)(232 1/18 Thompson CA)Guatemala Pres. takes office, U.S. nuclear arms(233 1/29 Harris OH)
- 4820 0917 SS R. Paz y Bien Religious program(343 1/25 Huffaker MX)
- 4870 0215 SS R.Rio Amazonas Mx, IDs(343 1/08 Huffaker MX)
- 4890 0330 SS R. Centinela del Sur soft ballads(333 1/20 Wilkins CO)(343 1/12 Huffaker MX)political talk, YL IDs, musica latina(333 1/28 Sheedy CA)
- 4920 0435 SS R. Quito Mx, ads, jingles, signoff with whistled Indian Love Call(333 1/30 Coday CA)(1/29 Schmutz NY)+5
- 4960 0140 vern. R. Federacion OM: 'Sucua and Morona Santiago', sign-off info then band mx(333 1/26 Forsgren WI)(433 1/26 Huffaker MX)Andean mx(232 1/16 Bishop NY)
- 4980 0348 SS Ondas Azuayas IDs, ads, mx(322 1/16 Brown IL)
- 5015 0241 SS Escuelas Radiofonicas ads, mx, ID(333 1/09 Huffaker MX)YL gives ID and freqs, address, NA(534 1/24 Orr FL)s-off(354 1/31 D'Angelo PA)
- 5038 0001 SS V. Upano Nx, ID with freq and site (Macas)(433 2/02 Kephart MI)Religious mx and sermon by OM(333 1/13 Evans TN)+5
- 5055 2336 SS R. Cat. Nac. Soft mx, ID, TC,(333 1/28 D'Angelo PA)Rosary, NA(322 1/20 Dillon MD)
- 5640 0228 SS V. Upano EE lesson, mx, ads(333 1/16 Bishop NY)

HCBJ

- 6075 1131 JJ Marimba 'Sakura', ID and freqs(322 1/16 Westenhaver QU)
- 6230 0230 EE DX Party Line, Profile of Great Britain, SPEEDX report(444 2/02 Alexander NC)Music in the Night, hymn(454 2/01 Bingham MA)(1/23 Brown IL)DX Partyline, Tips for Real Living,NRC, VOA(444 1/12 Neff OH)+2
- 9860 0532 Nord. Andean flute and harp mx, talk by OM and YL(343 1/12 Thompson CA)
- 9860 0600 GG Time pips, YL with ID(333 1/15 Berri CA)
- 9870 0405 EE Music in the Night(555 1/11 Ruhe PA)(343 1/31 Alexander NC)Late nx, TC, Unshackled(454 1/30 hompson NM)(444 2/01 Bingham MA)SPEEDX report (Go David!), MW notes(544 1/18 Brown IL) anniv of missionaries killed in Ecuador(444 1/09 Neff OH)free cassette offer, IS contest(454 1/12 Hesch NY)
- 11740 1409 EE Nx(322 1/28 Bingham MA)
- 11745 2100 EE DX Partyline (new freq.)(343 1/25 Soomre MA)
- 11910 0100 EE Back to the Bible(222 2/01 Alexander NC)+1
- 15115 1525 EE Religious mx, TC, ID(444 1/18 Blair CA)+1
- 15160 1830 SS Classical Mx(555 1/18 Ruhe PA)
- 15270 1930 EE Passport, Halley's comet(454 1/29 Bingham MA)
- 15385 1938 EE Passport, new freq. to Africa//15270 and 17790 with EE 1900-2000 (333 1/29 Westenhaver QU)(343 1/25 Soomre MA)
- 17790 2130 EE DX Partyline(222 1/11 Ruhe PA)+1
- 17890 1300 EE Bible for You(333 2/05 Alexander NC)+1

FALKLAND ISLANDS FIBS

- 3958 0858 EE Falkland Islands Broadcasting News, wx, pop music prgm(253 1/26 Coday CA)

GREENLAND

- 3999 0955 vern.Kalaallit Nunaata R. IS and Time signal, jazz mx (353 2/06 Welch MA)+2) 2332 Gronlands R. /tent/ vern. OM talks (322 2/03 Orr FL)

GUATEMALA

- 3300 0445 SS R. Cultural EZL mx, OM with TC and ID(333 1/11 Abbinante IL) Classical mx, ID(444 1/25 Perlmutter MA)(252 1/25 Welch MA)EZL mx, ID(252 1/20 Sampson WI)+1
- 3325 0233 R. Maya Presidential inauguration(333 1/15 Huffaker MX)
- 3380 0258 R. Chortis Marimba mx, ID, announcements by OM(333 1/12 Orr FL)
- 6180 0400 SS V. Guatemala Soccer-Guatemala versus Nicaragua(333 1/08 Sheedy CA)folk mx, TC by YL(333 1/08 Rocker MS)

GUIANA

3385 0130 FF RFO Guyane Pop and Rock with OM(222 2/01 Harris OH)
5055 2249 FF RFO Guyane(433 1/09 Bishop NY)
6055 0415 EE RFI relay YL with ID and freqs. World nx(444 1/16 Berri CA)
Fighting in Haiti, blizzard in So. France(433 2/01 Bingham MA)
6065 0450 EE RFI relay Space Shuttle wreackage, Haiti protests(444 1/29
Brown IL)
9800 0445 EE RFI relay Haiti, Triracial parliament in S.Africa, Cannes
mx fest(454 2/01 Bingham MA)(544 1/12 Brown IL)
17860 1553 FF/EE RFI relay Mx, OM DJ,IDs and freqs.(544 1/18 Blair CA)

HAITI

4930 2247 SS 4VEH YL with religious program, classical mx(333 1/29
Kephart MI)+3

HONDURAS

3250 0340 SS R. Luz y Vida religious mx, ID, biblical prophecies on the
Common Market(433 1/28/85 Huffaker MX)
4817 0214 SS V. Evangelica Gospel song, charismatic preacher(343 1/19
Thompson CA)+6
4910 0115 SS V. Mosquitia Religious program, MisKito choir(333 2/07
Wilkins CO) Religious program(332 1/31 Huffaker MX)
6075 1157 SS V.Junco Songs, YL & OM, ID(444 1/11 Hesch NY)

MEXICO

2390 0103 SS R. Huayacocotla OM and mx, YL IDs(422 1/10 Orr FL)(343
1/14 Hawk VA)
6115 2145 SS R. Univ. de Sonora- XEUDS OM & YL talk,orch. mx, vocals,
IDs, piano mx(454 1/14 Thompson NM)mariachi mx, YL IDs,
classical mx(252 1/25 Palmer WA)
6165 0800 SS V. America Latina ID and address, 'XEW informa' , nx by
OM(444 1/07 Rocker MS)
9705 0257 SS XERMX Sousa march mx, ID: R. Mexico Internac., TCs(343
2/02 Sheedy CA)
11770 1600 SS R. Mexico Internac. ID, Mexican mx, OM and YL, poor
audio(333 1/13 Thompson CA)

MONTSERRAT

11865 2340 SS DW Relay Mx, YL and OM, ID, Nx by OM(444 1/31 Blair CA)

NETHERLANDS ANTILLES

6020 1029 EE RN China opens more cities to tourists, Newsline:Shuttle
down(544 2/01 Brown IL)
6165 0245 EE RN Nx, ID, Dutch lang. lesson(544 1/29 Blair CA)+3
9535 0300 EE TWR ID, 'CBF Affairs'(454 1/21 Hesch NY)(433 2/10 Hysom CO)
(233 1/20 Waelterman MO)
9590 0257 EE RN Pop and rock(444 1/14 Neff OH)
9630 0652 Dutch RN Teenage pregnancies, ID, press report(444 1/10
Westenhaver QU)
9715 0754 EE RN Media Network(544 1/11 Brown IL)
11815 1312 EE TWR Childrens' Bible Hour,Insight for Living(454 2/01
Bingham MA)+1
15355 2336 GG TWR Religious talks by OM(433 1/13 Berri CA)
21685 1913 EE RN Happy Station,Shirley Bassey song(242 1/19 Westenhaver
QU)+1

NICARAGUA

6015 0515 EE V. Nicaragua OM & nx about US Libya and El Salvador, ID,
anti-U.S.stuff(333 1/10 Abbinante IL)(444 1/12 Roberts FL)(232

NICARAGUA (cont.)

1/31 Blair CA) letters of Government to Episcop. Church of
 Nicaragua (444 1/25 Perlmutter MA)(353 1/29 Radtke CA)(444
 1/16 Valentine CA)Duarte's 'New Army', Rock mx(222 1/11
 Duncan NC)(444 1/11 Hesch NY)Challenger condolences, Nicaragua
 This Week, Nic. Today(343 1/30 Johnston NY)+3
 6120 1032 SS R. Zinica Morning show with OM DJ IDs TCs and
 chat.(242 1/27 Westenhaber QU)

PARAGUAY

9735 0945 SS R. Nacional OM DJ, ID between songs(444 1/28 Coday CA)+3

PERU

4025 0348 SS V. Rioja /tent/ Mx(322 1/24 Orr FL)
 4460 0115 SS R. Norandina Andean type mx, OM, ID(222 1/27 Harris OH)
 4762 0403 SS R. Inca ID and Andean mx(322 1/25 Huffaker MX)
 4790 0130 SS R. Atlantida ID, talk with some mx(333 1/20 Stanley AZ)+4
 4810 0906 SS R. San Martin rancho type music, ID, TC(333 1/20
 Huffaker MX)ID, jingle(333 1/22 Thunberg PA)
 4860 0227 SS R. Chinchaycocha Peruvian mx, ID(222 1/08 Huffaker MX)
 4950 0143 SS R. Madre de Dios personal messages, religious mx(322
 2/ 01 Huffaker MX)
 4975 0304 SS R. del Pacifico ID and religious program(333 1/25
 Huffaker MX)
 4990 0830 SS R. Ancash ID and Peruvian music(333 1/20 Huffaker MX)
 4995 0400 SS R. Andina local mx, TC(434 1/10 Rocker MS)+3
 5010 1106 SS R. Eco Nx, ads, Flute mx, promo(222 1/20 Dillon MD)+3
 5030 0943 SS R. Los Andes IDs, vocals(354 1/09 Rocker MS)(333 1/25
 Huffaker MX)
 5195 0136 SS R. Origenes /tent/ Vocals,OM,rock mx(242 1/15 Thompson CA)
 5199 0310 SS R. Imagen Top 40 U.S. rock and roll mx, Tcs 'en Radio
 Imagen'(322 1/18 Forsgren WI) Siren and screams, Latin pops
 and Tarapoto ads(222 1/12 Wilkins CO)
 5200 0152 SS R. Origenes OM with pop mx(322 1/12 Orr FL)
 5275 0016 SS R. San Juan de Chota Andean flute mx(322 1/12 Wilkins CO)
 5661 0031 SS R. Iluca'n /tent/ YL DJ, martial mx, comunicados(252 1/13
 Wilkins CO)
 6725 0220 SS R. Sate'lite folklorica mx til 0230, musica romantica, El
 condor pasa(332 1/11 Forsgren WI)+2

VENEZUELA

3225 1107 SS V. Occidente Rural health program: diet, disease, sanitation;
 Mx(343 1/13 Wilkins CO)+2
 3254 0315 SS V. Tigre ID, chimes, musica latina(322 1/30 Stanley AZ)+1
 3275 0230 SS R. Mara Musica Latina; ID(333 1/15 Huffaker MX)+2
 4770 0205 SS R. Mundial Bolivar Hot vocals with dedications; TCs; IDs;
 chimes(433 1/26 Forsgren WI)+5
 4780 0330 SS V. Carabobo ID; Ads and announcements; songs(433 1/30
 Stanley AZ)+2
 4830 0935 SS R. Tachira Traditional Venez. mx; ID and song names by
 OM(433 1/24 Kephart MI)+3
 4840 0325 SS R. Valera ID; YL & OM with talk ads and announcements, mx
 322 1/31 Stanley AZ)Calypso mx; ID(343 1/20 Huffaker MX)+1
 4850 0638 SS R. Capital U.S. pop mx; ID(342 1/18 Kephart MI)(343 1/11
 Huffaker MX)
 4940 0304 SS R. Yaracuy ID; OM DJ with Latin pops(444 1/31 Stanley AZ)+4
 4970 0439 SS R. Rumbos ID; TC; Mx(322 1/29 Schmautz NY)+3
 4980 0310 SS Ecos del Torbes Latin ballads & OM vocals; guitar mx(333
 1/12 Abbinante IL)+5
 9660 0105 SS R. Rumbos Latin songs; IDs(343 1/26 Falbo OR)1330 (333 2/16
 Sable PA)

Remember to get those cut loggings into our cheery CDE by the fifth of
 the month and to me by the twelfth.

Try to send only loggings heard after the ninth of the month. Odds are
 that I won't use them otherwise. Please include your name and state on
 every logging as well as all other information possible, particularly
 SIO rating/SINPO rating. Thanks for all your interest this month.

J.F.S.



SWBC - EUROPE

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

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

I bought a Kenwood R-1000 communications receiver to replace my Realistic DX-300. It's working quite well though propagation conditions for the most part these past few weeks have been poor. A problem I have though is that the clock built-in the R-1000 interferes with the mediumwave band of my General Electric Superadio II, but then I get better MW reception with the R-1000 but I loss directionability since I don't have a loop antenna.

It has been quite a while since I've introduced myself. I am 23 years and been a SWL for eight years. Shortwave radios in use are the Kenwood R-1000 and Realistic DX-400. Other radios I have are the GE Superadio II, Realistic Weatheradio Alert, Regency HX-1000 scanner and Sanyo Stereo JXT 6910. Other interest I have are stamp collecting and railfanning. I'm working at a grocery store part-time.

ALBANIA Gjirokaster

5020t 0410 Albanian; Alb. folk mx to 0505, no tlk at all hence no ID (343 1/19 Dillon-MD)

Radio Tirana

- 7065 0006 EE; Albanian Press Review, comparing AFL-CIO to Albanian laborers (555 1/18 Brewer-AR)(Bingham-MA)
- 2033 EE; Nx of Albania, kiddies are on their school holidays and there's a theatre festival in Durres (434 1/6 Westenhaver-Quebec)
- 7080 0634 EE; tlk abt economic advances to be made in 1986 (232 1/14 Westenhaver)
- 7120 0241 EE; AFL-CIO, development of economy, communist nxpaper article, folk song (433 1/18 Neff-OH)(Dickerman-PA)(Westenhaver-Quebec)
- 7300 0345 EE; feature abt an Alb. violinist who did well in some int'l competition (433 1/20 Westenhaver-Quebec)
- 7310 1838 Swedish; tlk on land development pgm, tlk on Communist nxpapers in W. Germany & Portugal, // 9375 (333 1/20 Westenhaver-Quebec)
- 9375 1920 Turkish; Alb. folk mx, ID, 1927* (444 1/6 Westenhaver-Quebec)
- 9480 *1630 EE; IS to 1630, ID, Nx w/usual slanted bias (242 1/16 Thompson-CA)
- 2203 EE; nx, comtry on arms tlks (343 1/17 Brown-IL)(Westenhaver-Quebec)
- 9500 0630 EE; nx, tlk abt 5 Year plans (433 1/8 Byrne-Australia)
- 1400 EE; nx, comtry, mx (333 1/28 Zilmer-NM)
- 1940 EE; tlk abt early fulfillment of Five-Year Plan, folk mx, bad het (322 1/6 Westenhaver-Quebec)
- 9750 0336 SS; Alb. song w/vaguely Latin beat, tlk on LAm opposition to neo-colonialism of big int'l banks (333 1/20 Westenhaver-Quebec)
- 9760 0009 EE; nx item on world literacy, US role in W.Eur. (333 1/6 Westenhaver)
- 9785 *0200 Alb.; YL w/nx, // 7300 (343 1/7 Westenhaver-Quebec)
- 9790 2358 Alb.; IS, OM w/ID (333 1/6 Berri-CA)
- 14320 1325 CC; YL w/tlk, 1329 "Dilana guangbo diantai" ID, Alb. choral mx, 1357*, freq not a misprint (333 1/20 Westenhaver-Quebec)

AUSTRIA Radio Austria International

- 5945 0625 EE/GG; 2 OM tlk, tlk of ballet theatre in Vienna (fr 1/19 Witte-CA)
- 6155 0142 EE; rpt from Austria, tlk of Halley's Comet (433 1/21 Bishop-NY)
- 0330 EE; nx, Rpt on Austria's trade w/US (322 1/22 Stanley-AZ)
- *0430 EE; Rpt from Austria, tlk on Austrian Federal Railroad, Tourist Scene, // 6000, 5945 & 11925 (533 1/19 Neuerth-CO)(Ruhe-PA)(Sampson)
- 9590 2140 EE; tlk of Concert Hall in Vienna, class mx (444 1/19 Hunt-NC)
- 9665 1430 GG; class mx, Strauss waltzes & marches (454 1/1 Moll-MI)(Westenhaver)
- 12015 1505 EE; nx abt economic affairs in Austria, many more autos registered in Austria than in previous years (322 1/23 Bingham-MA)
- 15320 1230 EE; SW Panorama, Glenn Hauser's rpt on NDXE (454 1/19 Fraser-MA)(Westenhaver-Quebec)

BELGIUM Belgische Radio en Televisie
 5910 0030 EE; Radio World, Musicbox (444 2/3 Moll-MI)(Brown-IL)
 15515 1307 EE; Focus on Europe, Spain & Port.'s accession to the EEC, to Far
 East, QRM de Jammed RM in lang on 15520 (222 1/6 Westenhaver-Quebec)
 15590.0 1312 EE; Brussels Calling (555 1/25 Perlmutter-MA)(Alexander-NJ)(Bingham-MA)

BULGARIA Radio Sofia
 6070 2328 EE; mx, ID, 2330* (444 1/11 Roberts-FL)(Westenhaver-Quebec)
 0001 EE; nx, tlk abt int'l year of peace, Peace Movement in Bulgaria,
 inst mx (444 1/16 Bingham-MA)
 0100 Bulgarian; ID, OM w/nx (333 1/13 Ruhe-PA)
 7100 2003 FF; nx, ID "ici Sofia, Radiodiffusion-Télévision Bulgare," comtry on
 Spain joining the EEC, ARO QRM (333 1/7 Westenhaver-Quebec)
 7115 2135 EE; nx, problems in South Yemen, US & Canada sign germ warfare pact,
 comtry on India (555 1/20 Coleman-MA)(Brown-IL)(Westenhaver-Quebec)
 0400 EE; IS, ID, nx, review of current events, 40th Anniv. for women,
 culture pgm abt theatres (444 1/8 Soomre-MA)(Phillips-CA)(Berri-CA)
Radio Moscow relay
 15135 1433 EE; Music & Musicians on little kids studying at Music School #7 in
 Moscow, co-channel QRM (433 1/3 Westenhaver-Quebec)

CZECHOSLOVAKIA Radio Prague
 5930 0015 EE; nx, relations between US & Israel (333 1/17 Valentine-CA)
 *0100 EE; nx, comtry on Soviet peace proposal, folk mx, new issue stamps
 (433 1/19 Falbo-OR)(Neff-OH)
 0316 EE; nx, new summit meeting, US/Israel Mid East nx (323 1/30 Phillips-
 PA)(Stanley-AZ)(Abbinante-IL)(Brown-IL)(Neuverth-OO)
 7345 0144 EE; thanks for gift, song, special phone-in line for listener comment,
 IS (444 1/18 Neff-OH)(Stanley-AZ)
 1916 EE; disco mx, tlk by OM on expansion of Czech chemical industry,
 // 5930 (434 1/9 Westenhaver-Quebec)
 9605 *1630 AA; IS, ID, pgm details, nx, co-channel QRM on 9600 (333 1/11
 Westenhaver-Quebec)
 11990 *1630 AA; IS, AA mx, tlk (presumed nx) (322 1/15 Thompson-CA)
 13715 1540 EE; nx, ID, comtry on unjustified US charges against Libya, QRM by
 R. Moscow on 13705 (222 1/6 Westenhaver-Quebec)
 15110 1430 EE; march mx, tlk abt Iraqi planes bomb Iran (222 1/23 Bingham-MA)
 1600 EE; ID, nx review, pgm sked (fr 1/9 Sheedy-CA)

FINLAND Radio Finland
 11945 1342 EE; listener letters, mx, interview w/Gov't leason in Finnish litera-
 ture, piano mx (544 1/12 Brown-IL)(Bingham-MA)
 15400 1330 EE; listener letters (433 1/12 Hunt-NC)(Phillips-PA)(Perlmutter-MA)
 1406 EE; tlk abt the future of housing in Finland (322 2/5 Alexander-NC)
 (Brown-IL)(Neff-OH)(Bingham-MA)

FRANCE Radio France International
 3965 0001 FF; tlk, EZL mx, QRM from nearby jammer (533 1/26 Havrilko-U.K.)
 7135 0315 EE; Soviet & US delegates resume nuclear arms tlks in Geneva, 200
 people killed in fighting in Lebanon (444 1/16 Stanley-AZ)
 0426 EE; sx nx, YL w/ID in FF (444 1/20 Berri-CA)
 9535 2215 PP; YL w/nx (555 1/16 Ruhe-PA)
 9575 1735 FF; hit parade pgm of high-powered FF African pops, QRM from RFE on
 9580 (333 1/17 Westenhaver-Quebec)
 9790 2200 FF; ID, tlk, mx, f/out @ 2223 (323 1/12 Emerson-OR)
 9800 0100 SS; wld nx, OM, ID (444 1/8 Langlois-FL)
 0145 FF; OM/YL, fast FF (444 1/17 Stephenson-CA)
 0315 EE; nx, all FF citizens have been evacuated by ship from Aden (444
 1/22 Stanley-AZ)
 11930 1634 EE; Paris Calling Africa, interview w/ ship designer, accordion mx
 @ 1655 (433 1/15 Thompson-CA)(Bingham-MA)
 15200 2248 PP/SS; FF pop mx, ID, 2257*, back on in SS @ 2300 (444 1/18 Westen-
 haver-Quebec)
 15365 1437 FF; play-by-play of sporting event, // 17720, 15440 (444 1/19
 Brewer-AR)(Westenhaver-Quebec)
 17620 1005 EE; nx, ID, mx, African nx, Focus on France (333 1/11 Brown-IL)
 1600 EE; tlk abt massacre of Indians in Brazil, Jamaica (444 Bingham-MA)
 17785 *1515 FF/PP; Média France Intercontinents pgm of nx feeds, // 17795
 (433 1/7 Westenhaver-Quebec)

GERMAN DEMOCRATIC REPUBLIC Radio Berlin International

6040 0214 SS; to S & C Am, nx, comtry, ID @ C219 for "R. Berlin Internacional" preceded & followed by a piece of SE class mx (333 1/12 Palmer-WA) (Berri-CA)

6125 2213 EE/GG; address, song, IS (444 1/13 Neff-OH)(Brown-IL)

2315 EE; ID, time sked, nx (545 1/11 Roberts-FL)(Stanley-AZ)(Bingham-MA)

15240 1429 GG; IS to 1430, ID, freqs, target areas, QRM from DW on 15245 (323 1/5 Rocker-MS)

1515 EE; nx, comtry, to SE Asia, // 17880 (232 2/1 Zilmer-NM)(Sheedy-CA)

17880 1350 EE; peace & disarmament tlk, ID, co-channel QRM (433 1/4 Westenhaver)

21540 0815 EE; nx, tlk abt Star Wars, Rock Festival (353 1/8 Byrne-Australia)

GERMAN FEDERAL REPUBLIC

6030 0753 Süddeutscher Rundfunk GG; pop mx, ads, OM DJ, TCs, nx (322 1/27 Orr-FL)

6085 0023 Bayerischer Rundfunk GG; GG & EE pops, OM DJ, autobahn reports, TCs. (545 1/20 Orr-FL)

15340 1758 Radio Free Europe Bulgarian; upbeat inst mx, 1800 ID & nx, co-channel QRM from RAE & AFRTS (322 1/1 Westenhaver-Quebec)

Deutsche Welle

3995 0357 GG; GG pop mx, Q400 IS, OM w/nx (222 1/18 Westenhaver-Quebec)

6130 2056 PP; rock mx, comtry on W.Germ. economy, Contrast pgm on Port. cinema, ID @ 2118, 2120*, slight jamming (434 1/7 Westenhaver-Quebec)

6145 0110 EE; Microphone on Europe, rpt on TV tlks of Pres. Reagan & the Sec. of Communist Party (453 1/3 Hesch-NY)(Dickerman-PA)(Stanley-AZ)

9505 0930 EE; SE Asian svce, nx, magazine pgm abt Germany (454 1/19 Shaffer-PA)

9650 1430 EE; Viennese waltzes, class mx (444 1/1 Moll-MI)

15135 1517 EE; energy shortage on Man & His Environment pgm, mx (333 1/12 Brewer-AR)(Bingham-MA)(Perlmutter-MA)

15245 1510 GG; IS, OM & YL w/tlks (232 1/20 Berri-CA)

17875 *1240 Indonesian; IS, anmts to 1245, YL w/pgm details; nx, // 15320 KO'd by Austria (333 1/16 Westenhaver-Quebec)

GREAT BRITAIN British Broadcasting Corporation

3955 0544 FF/GG; end of FF pgm, EE ID, into GG w/nx (433 1/10 Rocker-MS)

1812 FF; YL/OM tlk, TBS has this as Daventry transmitter w/FF 1800-1845, RDI doesn't (232 12/18 Moman-Alberta)

3975t 1816 lang; OM (222 12/18 Moman-Alberta)

5975 0205 EE; wld nx, British Press Review, Sex & Violence in Opera (444 1/22 Morin-Ontario)(Brewer-AR)(Brown-IL)

6075.0 0211 EE; Review of the British Press, ID (333 1/8 Emerson-OR)

7210 1811 Slovene/Turk; nx, ID by YL, into Turk @ 1815, anmts, nx, ARO QRM (333 1/12 Westenhaver-Quebec)

7325 0320 EE; The World Today on Yugoslav politics, 0330* (333 1/10 Westenhaver)

9530 1614 Romanian 1614-1630, Bulgarian 1630-1715, Serbo-Croat past 1715; almost all speech by YL/OM, ending anmts at end of each pgm followed by anmt of next lang coming up (444 1/13 Palmer-WA)

9760 1250 EE; play-Mr. Norris Changes Trains, wld nx, // 9750 (333 1/12 Westenhaver-Quebec)

9825 1556 AA; IS to 1600, big ben, poss. nx by OM (232 1/30 Elair-CA)

11680 1840 AA; pop mx, ID, tlks on Moscow, etc. (232 2/1 Berri-CA)

11790 1403 EE; rpt on music convention in Cain, France (544 2/1 Brown-IL)

12040 1258 EE/lang; learn EE by radio, nx in lang (444 2/1 Brown-IL)

1428 Polish; interview, ID @ 1430, ment of Washington, some jamming, R.Moscow co-channel QRM (322 1/18 Westenhaver-Quebec)

12095 1515 EE; Concert Hall-Puccini's opera Tosca (454 1/19 Fraser-MA)(Neff-OH)

15070 1440 EE; opera singer as studio guest, Radio Nxeel (444 2/4 Bingham-MA)

17790 1446 EE; Saturday Special (444 1/4 Westenhaver-Quebec)

21710 1349 EE; Country Style, 1400 nx, The Reluctant Virtuoso (444 1/11 Westenhaver-Quebec)

Voice of America relay

6040 0345 EE; Rpt on Martin Luther King, Daybreak pgm, nx, Newsline on Space Shuttle (544 1/14 Brown-IL)

2055 EE; Willis Conover's jazz show, 2100 live rpt on the Challenger explosion, co-channel jamming (322 1/28 Westenhaver-Quebec)

7325 0608 EE; OM w/nx, TC, ID @ 0610 (433 1/15 Berri-CA)

9735 1847 Romanian; tlk abt Fulbright scholars, song by Elvis, tlk on boycott of Libya (434 1/9 Westenhaver-Quebec)

11760 2109 EE; nx, Yankee Doodle, TC @ 2110, fading (232 1/31 Blair-CA)(SampsonWI)

GREECE

- 9397.5 1430 R. Stathmes Makedonias (Thessaloniki) Greek; Greek folk mx, YL/OM ancrs, QRN (433 1/18 Denton-KY)
- 9530 2005 V. of America relay RR; continuous tlk to 2114, ID & signature tune, jamming in background (333 1/12 Palmer-WA)(Westenhaver-Quebec)
- Voice of Greece
- 7430 0729 Greek; closing anmts, cked, 0730* (444 1/7 Rocker-MS)
- 2335 EE; nx, tlk abt arms race, national economy, 2349* (322 1/16 Bingham-MA)
- 9420 0002 lang; anthem, OM w/ s/c, popular national mx (444 1/18 Brewer-AR)
- 0130 EE; ID, wld nx by OM (444 1/20 Roberts-FL)(Stanley-AZ)
- 9905 *2200 Greek; IS to 2202, NA, ID, pgm (prob. nx) (243 1/7 Rocker-MS)
- 9935 0000 Greek; OM w/ID, freqs, RTTY GRM (333 1/6 Berri-CA)(Westenhaver-Queb.)
- 11645 1535 Greek; Greek pop/rock mx, OM w/nx to 1550* followed by loud carrier for 1 min. then off (333 1/13 Thompson-CA)
- 1804 Greek; OM/YL w/nx items, Africa ment several times, ID, Note: despite the spellings in both RDI & WRTH, Robert hears the ID as "Til Ponikis Helladas," if anyone knows for sure let us know. (452 1/22 Palmer-WA)
- 15630 1412 EE; mx, ID, nx, Letter from Gorbachev, US reaction to Russian arms proposal (444 1/18 Brown-IL)(Card-RI)(Westenhaver-Quebec)
- 1540 EE; nx during pgm in Greek, 1550* (242 2/1 Zilmer-NM)(Bingham-MA)
- 17565 1530 Greek; Greek mx, 1550* (444 1/26 Wallenhorst-OH)(Brown-IL)

HUNGARY

- Radio Budapest
- 6025 0128 Hungarian; IS, OM w/ID, mx (222 1/17 Berri-CA)
- 0300 EE; nx, USSR has extended by 3 months the unilateral moratorium on nuclear weapons, nx abt Hungary (433 1/15 Stanley-AZ)
- 9835 *1150 EE; nx, contry, tlk on Hung. cuisine, 1218*, // 11910 (333 1/17 Westenhaver-Quebec)
- 11910 1529 EE; to Asia, freqs, nx, tlk abt Stockholm Conf. (222 1/28 Bingham-MA)
- 1720 EE; pgm abt mx, intervi-w w/Tina Turner? (222 1/25 Phillips-PA)

ITALY

- 6205 2028 Adventist World R. EE; D, address given for QSL & requested IRCs, into EZL mx, rel format (544 1/22 Havrilko-United Kingdom)
- 7175 0608 Radio Due II; YL pops, OM anmts, ads, time pips & ID @ 0630, into nx (323 1/27 Orr-FL)
- Radiotelevisione Italiana
- 9575 0100 EE; nx, Italy & Egypt intend to intensify their cooperation to combat terrorism & Guatemala has new President, // 5990 (444 1/15 Stanley-AZ)
- 15385 1910 II; bird chirp & opening bells, nx, tlk, co-channel splatter (222 1/11 Abbinante-IL)
- 21695 *1400 II; "La Voce dell'Italiana" feed of nx to stations in Montreal & Toronto (344 1/11 Westenhaver-Quebec)

LUXEMBOURG Radio Luxembourg

- 6090 0000 EE; ID, nx, rock mx, phone calls (322 1/14 Neff-OH)(Bingham-MA)
- 15350 1755 FF; excited tlk by OM, ads, short nx bulletin @ 1800 (152 1/8 Rocker-MS)

MALTA

- Deutsche Welle relay
- 6085 0106 EE; nat'l nx, ID, contry, tlk abt Gorbachev's latest disarmament plan (444 1/17 Brewer-AR)(Stanley-AZ)
- 9565 0100 EE; nx, France will not join in w/trade embargo against Libya, Microphone on Europe, Press Review, Arts on the Air (333 1/22 Stanley-AZ)
- 11785 1610 EE; OM ID, nx to 1618 (322 1/13 Thompson-CA)

MONACO

- Trans World Radio-Monte Carlo
- 6220 1810 RR; IS, EE ID, RR ID, vocals, bible study (343 1/19 Soomre-MA)
- 7160 0734 EE; inspirational mx, Back to the Bible, Back to God (332 1/16 Grussling-ID)(Westenhaver-Quebec)
- 0810 EE; Radio Bible Class, ID @ 0829 (333 1/20 Falbo-OR)(Rocker-MS)
- 9494 0900 EE; Through the Bible, anced as 9.5 MHz, measured & QSLed as 9495 (333 1/10 Byrne-Australia)
- 9615.0 *1300 SS; EE ID, to Spain, into SS pgm (444 1/26 Perlmutter-MA)
- 9670 1527 Turkish; EE ID, mx, tlk (333 1/26 Zilmer-NM)

NETHERLANDS

- Radio Netherlands
- 9715 1221 EE; feature on Amsterdam, s/off anmts, 1224* (333 1/20 Westenhaver-Que)
- 9895 0154 EE; narration of a story abt an environmentalist raising her young son, Jazz Dutch style (432 1/22 Dickerman-PA)
- 13770 1620 AA; AA mx w/OM ancr, 1623* (555 1/20 Ruhe-PA)(Bingham-MA)
- 15560 1445 EE; tlk of space shuttle accident being investigated, Asian svce (333 2/5 Alexander-NC)(Bingham-MA)(Brown-IL)

NORWAY Radio Norway International
 9525 2057 Norwegian; IS, ID as "Ditter ar Norge-This is R. Norway," nx, co-channel QRM & splatter de VOA 9530 (322 1/12 Palmer-WA)
 9605 0000 EE; int'l nx, explosion of space shuttle after launch, f/out @ 0005 (322 1/28 Stanley-AZ)
 9615 1635 Norw.; request pgm, 1642 listing of tomorrow's pgms, 1645* (333 1/11 Westenhaver-Quebec)
 11860 1620 EE; Review of Norw. rock groups (433 1/12 Coleman-MA)
 15185 1325 EE; mailbag pgm, closing anmts, into Norw. 1329 (354 1/5 Rocker-MS)
 15310 1325 EE; tlk of young mothers get together, cold in Norway, lots of snow (433 1/26 Phillips-PA)(Bingham-MA)(Alexander-NJ)
 1400 EE; tlk of int'l terrorism, Norway producing special grenade for warfare (444 1/12 Hunt-NC)(Brewer-AR)(Brown-IL)
 1600 Norw.; IS to 1601, EE ID, Norw. pgm (243 1/8 Rocker-MS)

PIRATES Radio Rainbow Int'l
 6240 1226 Ireland EE; ID @ 1226, mx, ID in GG, address given as 151 Money Moore, County Lane, Glouster, Ireland (444 1/26 Havrilko-U.K.)
 6268.3 1334 Castile R. Ireland EE; ID around 1330, DJ trying to contact a Tony Clark from R. Ireland, 1404* (333 1/26 Havrilko-U.K.)
 6280 1140 West Side R. Int'l Ireland? EE; positive ID @ 1140, hard rock mx, DJ w/Irish accent (343 1/26 Havrilko-United Kingdom)
 6310 1115 Laser 558 Int'l Waters EE; ID by YL, and this was one of their first test transmissions on SW, Top 40 rock mx (333 1/26 Havrilko-UK)

POLAND Radio Polonia
 7270 *0200 EE; IDs, OM/YL, Panorama (545 1/15 Robinson-TN)
 7285 *1630 Esperanto; nx by OM, very hvy ARO QRM (222 1/20 Westenhaver-Quebec)
 9540 1611 EE; tlk abt outlook for Poland's economy in 1986 (333 1/22 Bingham)
 11840 1230 EE; mx requests, Poland nx, modern mx, Africa svce (444 1/19 CardRI)

PORTUGAL Radio Portugal
 6075nf*0130 PP; xylophone IS, NA, freq anmts, sx results, on top of BBC (333 1/20 Westenhaver-Quebec)
 6095 2310 PP; "Diario Regional," ID, freq, // 9680 (gd 1/23 Sheedy-CA)
 0030 EE; march mx, ID, nx, sx, Our Choice of Mx pgm, 0102* (433 1/22 Bingham-MA)
 9520 2115 PP; futbol-Port. vs. Finland, // 9740 (very gd 1/22 Sheedy-CA)
 9565 0312 EE; ID, freq anmts, Listeners' Mailbag, NA, 0331*, // 6075 (333 1/4 Westenhaver-Quebec)
 9745 2216 PP; OM w/sx event prob. soccer (252 1/22 Palmer-WA)
 15105 1608 EE; nx, tlk abt Port. Nat'l Ballet opens season, sked, tourism pgm, folk song, march mx, 1631* (322 1/27 Bingham-MA)
 15285 1430 PP; rock-type mx w/OM anc (555 1/20 Ruhe-PA)
Radio Canada International relay
 6015 0315 RR; IS, nx read by YL (322 1/13 Ross-Ontario)
 15315 1543 EE/Polish; end of nx, s/off anmts, into Polish @ 1545, s/on anmts, nx by OM, QRM co-channel RFI (333 1/27 Westenhaver-Quebec)

Radio Free Europe
 7200 0046 Czech; big band mx from the 40's, nx headlines, NA, 0057*, // 7165 & 7115 (333 1/4 Westenhaver-Quebec)
 15145 1758 Polish; tlk by OM, ID @ 1759, time pips, ID, nx (322 1/7 Rocker-MS)
 17725 1613 Bulgarian; tlk by OM, maybe contry, many ments of Bulgaria, // 21745 21470 & 15115 (232 1/5 Rocker-MS)

ROMANIA Radio Bucharest
 5990 0419 EE; YL w/tlk, mx, ID, more tlk (444 2/2 Roberts-FL)
 7195 2106 EE; nx, ID, OM tlk on achievements of upcoming Five-Year Plan, // 5990, QRM VOA (333 1/20 Westenhaver-Quebec)
 9690 1500 EE; freq sked, nx (222 1/26 Zilmer-NM)
 11940 1300 EE; European svce, tlk abt history of Romanian President on his birthday (444 1/25 Bingham-MA)
 15249.5 1323 EE; mx, freq, sked, address, IS, het (322 1/19 Quaglieri-NY)
 21665 0645 EE; tlk abt Pres. Ceausescu's birthday, Australia Day (352 1/28 Byrne-Australia)

SOVIET UNION (European) Radio Kiev

5905 0030 EE; space must be peaceful, tractor plant worker in Ukrainian said
 "we want peace" (545 1/16 Robinson-TN)(Neff-OH)
 7165 0045 EE; Radio Digest, Ukraine Today (444 1/8 Langlois-FL)
 11680 0015 RR; trad folk mx, YL host (333 2/1 Blair-CA)

Radiostantsiya Rodina

7380 2231 RR; "Govorit Radiostantsiya Rodina," into RR pgm (322 1/1 Rocker-MS)
 7400 0300* RR; freq sked, address (232 1/20 Sable-PA)
 12070 1433 RR; YL tlk w/ID, wishes listeners a Happy New Year, bad QSB, maybe
 co-channel jamming (332 1/19 Westenhaver-Quebec)

Radio Vilnius

5905 2259 EE; IS, ID, freq, wld nx, Newsdesk, Review of listeners letters,
 s/off @ 2329, 2330 into Radiostantsiya Rodina (333 1/20 Morin-Ont.)
 0100 Lithuanian; nx, of Gorbachev, interviews abt Central Committee of
 Communist Party, inst mx (545 1/16 Robinson-TN)(Bingham-MA)
 7165 2302 EE; wld & Lithuanian nx, wx, comtry on nuclear-free zones, // 5905,
 9765 (433 1/3 Westenhaver-Quebec)
 11860 2300 EE; ID, nx, visiting a town, letters from listeners, 2328* (422 1/20
 Grussling-ID)(Emerson-OR)

Radio Station Peace & Progress

9470 *1630 EE; Roundup of Events, tlks on disarmament proposal & Party Congress,
 1659*, // 9490 (343 1/18 Westenhaver-Quebec)

Radio Moscow

4825 2135 SS; propaganda, mx interlude, YL w/tlk, ID (232 1/20 Dillon-MD)
 5900.0 1423 EE; land reform tlk of Nicaragua, Day Care Centers in USSR, News in
 brief, Jazz Show (444 1/14 Emerson-OR)
 5905.0 0140 RR; M5 filler for Soviet citizens abroad acrding to Orbita's USSR
 DXing Handbook, nx, comtry, 0159 the unique IS for this svce, into
 RM Ext svce IS and began SS to LAm, nx (333 1/19 Palmer-WA)
 5915 0046 EE; children singing, pgm closed @ 0050 (333 1/10 Brewer-AR)
 0204 SS; OM w/nx, // 5905 from 0200 (333 1/19 Palmer-WA)
 6065 1910 Swedish; comtry on upcoming Party Congress, current affairs item,
 "Här är Moskva" ID @ 1923 (333 1/5 Westenhaver-Quebec)
 6130 2307 EE; NAM svce, nx, // 7115, 7150, 7215, 7290, 5915 & 6020 (444 1/1
 Rocker-MS)
 7150 1651 EE; Moscow Mailbag (444 1/29 Trent-AK)
 1815 EE; News & Views, relations w/Yugoslavia, nuclear Winter, // 7245
 (344 1/12 Westenhaver-Quebec)
 7175 0000 EE; OM, letters, mx (444 1/20 Langlois-FL)
 7280 1941 FF; Soviet nx, ID @ 1946, "Panorama Sovietique," unid AA co-channel,
 ARO QRM (322 1/16 Westenhaver-Quebec)
 7310 0638 EE; Mailbag w/questions on mixed marriages & measures to control
 alcoholism (433 1/10 Westenhaver-Quebec)
 7320 0415 SS; OM/YL w/tlks, ID @ 0417 (233 1/20 Berri-CA)
 7330 2002 II; nx by YL, "Parla Mosca" ID, tlk in usual vein abt nuclear
 weapons (333 1/16 Westenhaver-Quebec)
 7360 2010 GG; tlk w/W.Germ. journalist abt revolutionary traditions of Lenin-
 grad's workers (544 1/16 Westenhaver-Quebec)
 7420 2356 SS; OM asked for letters on disarmament, 2359*, into "Paz y Progreso"
 @ 0000 (343 1/19 Westenhaver-Quebec)
 9490 1229 RR; tlk at sx event, pop mx, TPs @ 1300, opera (242 1/20 Dillon-MD)
 1729 EE/Afrikaans; Africa as We See It, 1742 into Afrikaans, nx, comtry
 on Gorbachev's proposals, 1753 into EE, 1759*, // 9470 (232 1/24
 Westenhaver-Quebec)
 9710 2124 FF; tlk abt in humanity of Afghan rebels, new edition of collected
 works of Pushkin (333 1/18 Westenhaver-Quebec)
 9755 1305 EE; wld nx, Soviet nx (333 1/20 Dillon-MD)(Sampson-WI)
 9875 1300 EE; nx, Youth Time (434 2/1 McKinney-PA)
 11850 1358 EE; end of Audio Book Club, mb anmts, IS, nx @ 1400, RMWS sked list
 this for Afr/Mid East (322 1/19 Westenhaver-Quebec)
 11900 1418 EE; News & Views w/favorable reactions to Gorbachev's Disarmament
 proposals, // 12010 & 12055 (423 1/19 Westenhaver-Quebec)
 12020 1215 RR; pgm of folk ballads w/YL, // 12070 (233 1/21 Westenhaver-Quebec)
 13665 1316 EE; tlk abt YL doctor from Tadjikistan who became Republic's
 Minister of Health, // 13705 (444 1/4 Westenhaver-Quebec)
 15475 1631 EE; Mailbag, pay of Soviet workers, gypies (454 1/29 Westenhaver-Que.)
 21530 1339 EE; pgm of mx sung by children, fading out, to Mid East by RMWS freq
 sked (232 1/17 Westenhaver-Quebec)

You will have to excuse the fact that I didn't list transmitter sites as it
 just takes up too much of my time and sites listed from various sources disagree
 so you have to take many of the sites listed with a grain of salt!

SPAIN Radio Exterior de Espana
6055 0100 EE; nx, local mx, // 9630 (433 1/29 Zilmer-NM)
7275 1903 EE; tlk abt Washington Irving's stay in Spain, ID, hit parade show,
// 9620 & 9745 (222 1/11 Westenhaber-Quebec)
9360 0114 SS; OM/YL in discussion (prob. cultural or current affairs) (452
1/19 Palmer-WA)
9580 1635 SS; rpts on all the day's SS football matches (343 1/12 Westenhaber)
9630 0045 EE; SS pop songs (444 2/1 Falbo-OR)(Stanley-AZ)(Bingham-MA)(Brown-IL)
(Langlois-FL)(Thompson-CA)(Bishop-NY)
0100 EE; OM, nx, ID by YL (444 1/30 Valentine-CA)(Denton-KY)(Westenhaber)
0600 EE; Terry Borgoine w/tlk on antennas, to Nam (444 1/6 Trent-AK)
9650 *0600 SS; IS w/trumpet fanfare, OM ID, freq, TC, singing jingle, OM w/nx
(343 1/12 Thompson-CA)(Westenhaber-Quebec)
11880 0000 EE; nx, SS foreign minister will meet w/Israeli prime minister to
establish diplomatic relations between the two countries, tourist
guide & newsletter, Panorama, // 9630 (444 1/16 Stanley-AZ)
11890 2048 SS; OM w/ID, SS mx, // 11920 (433 1/18 Berri-CA)
15375 1827 EE; IS, African svce, TPs @ 1830, wld nx (333 1/18 Brewer-AR)(Palmer)
17770 *1331 SS/Catalán; "Segunda emision por ultramar" ID, freq anmts & address
in SS, nx in Catalán, // 17845 (333 1/11 Westenhaber-Quebec)
17845 1705 SS; in studio chat, phone calls from Argentina & Texas, QRM from
WYFR in GG, // 17770 (gd 1/13 Sheedy-CA)
21575 1313 SS; ID, New Year's wishes from staffers mixed w/mx (433 1/5
Westenhaber-Quebec)

SWEDEN Radio Sweden International
9630 1108 EE; nx of Soviet subs into Swedish territory & claimed they were
planning a surprise attack! (555 1/25 Havrilko-United Kingdom)
9695 0400 EE; bulletin of Nordic nx, int'l nx (322 1/20 Stanley-AZ)
1415 EE; DX pgm, IS, ID @ 1428 (444 1/29 Cole-OO)
15345 1410 EE; pgm abt events that happened in Sweden in 1985 (444 1/26 Soomre-MA
(Coleman-MA)(Fraser-MA)(Brown-IL)(Ruhe-PA)(Brewer-AR)(Bingham-MA)

-SWITZERLAND Swiss Radio International
6190 2230 EE; nx, rpts & features abt terrorism (433 1/22 Denton-KY)(Stanley-AZ)
9560 0835 EE; wld nx, comtry on Libya's involvement in the airport bombings at
Rome & Vienna (333 1/3 Rocker-MS)
9725 0400 EE; nx, Dateline (444 2/4 McKinney-PA)
9870 1113 EE; nx, more people seeking asylum this year than last, // 11795,
15570, SW Merry-Go-Round (555 1/25 Havrilko-United Kingdom)
1330 EE; nx, tlk by OM on wld situation (322 1/22 Alexander-NJ)
9885 1532 EE; nx, ID, Dateline Thursday, sx (343 1/30 Blair-CA)(Stanley-AZ)
11935 1535 EE; wld nx, ID, Dateline Thursday (vy gd 1/30 Sheedy-CA)
12030 1315 nx, nuclear waste protest group, @ 1315 into II (1/23 Romberg-WI)
12035.0 *1715 EE; to Mid East & Africa, sked (555 1/25 Perlmutter-MA)
2125 EE; antenna question, address, Alpine mx (222 1/12 Brown-IL)
15030 1300 EE; nx, Pope John Paul II visit to India (333 2/1 Brown-IL)
15430 1530 EE; nx, parts of Switz. cut off due to blizzard (444 2/1 Bingham-MA)
15570 1335 EE; nx, Dateline about LAm debt problem (253 1/4 Hesch-NY)(Perlmutter)
15575 1331 EE; nx, Main points again abt Wld Health Organization, reduce
registered drugs (444 1/22 Wallenhorst-OH)

VATICAN CITY STATE Vatican Radio
6015 0050 EE; nx, Pope calls for wldwide prayer for peace (433 1/26 Stanley-AZ)
6190 1945 Latin; Holy Rosary, // 6250 (232 1/28 Westenhaber-Quebec)
9605 0050 EE; The Church & The World pgm, // 11845, 6015 (433 1/19 Stanley-AZ)
9615 0018 SS; OM w/chants, tlk abt LAm, church bells (444 1/20 Berri-CA)
2208 EE; Sermon on strength that can be gained from God, interview w/
Scottish priest (222 1/12 Brown-IL)
11740 1602 multilingual; Four Voices pgm in II, FF, EE & SS (433 1/6 Westenhaber)
15115.0 1454 EE; to India & SE Asia, 1455* (333 1/25 Perlmutter-MA)
15120 1545 EE; African svce, Papal visit to India (444 1/11 Bingham-MA)
15190 1200 EE; rel nx read by Donald MacIntyre (444 2/1 Byrne-Australia)
17730 1550 EE; rpt on Indian history & Christianity (44 1/25 Brown-IL)
21485 1115 EE/Ibo/Xhosa; wld rel nx, Papal visit... (252 2/1 Byrne-Australia)
21725 1408 Hindi?/SS; tlk, 1414 into SS, QSB (343 1/11 Westenhaber-Quebec)

YUGOSLAVIA Radio Yugoslavia
7240 2215 EE; ID, nx, tlk abt Libian leader Kadaffi puts military on full alert,
UN secretary general appeals for African aid, guitar mx (333 1/24
Bingham-MA)

735 *Journal*

Africa

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

Submission Deadline is the 12th.

This month's episode: "Standing Room Only", in which your editor struggles desperately to cram a feature about Angolan radio and a suitcase full of loggings into the same space! As the curtain rises, we see him in his regular pre-column procrastination routine, staring blankly at the wall and contemplating the use of microfilm.....

LOGGINGS FOR MARCH, 1986

ALGERIA

7145 1858 R. Algiers: AA; cont AA mx, YL wailing; //11715.4. 222(2-12 ed.)
 9546.6 1304 R. Algiers: FF; regular pgm OM DJ, US pops. //9509.2. 422(1-19 ed.)
 11715.4 1917 R. Algiers: AA; OM tkl, crowd cheers, disco mx, ID. 322(1-31 ed.)
 15215 1803 R. Algiers: FF; AA instr mx, ID "RDiffusion Algerienne Int'l", into FF
 nx. 322(1-7 Rocker-MS). @1609 OM tkl AA, audio hum. 232(2-8 Sharp-FL)
 17745 1405 R. Algiers: FF; live feed from Dar-el-Beida re: elections. 322(1-16
 Westenhaver-QUE)

ANGOLA ***FEATURE FOLLOWS LOGGINGS SECTION***

4949v 0518 ER da Huila(t): PP; OM tkl w/praises for Cuba, Nicaragua; xmtr always on -
 the move, sudden shifts ±2kHz. Poor audio. 333(2-2 Sharp-FL)
 5043v 0506 ER de Benguela(t): PP; Afro gtr mx, OM tkl. 151(1-26 Orr-FL)
 5062v 0453 ER do Huambo(t): YL tkl, Afro mx, OM tkl @0457. vy wk(1-27 Orr-FL)
 5437 0432 R. Nacional(t): YL/OM tkl, bouncy mx, covered by YL SS #s @0500. 151(2-11
 6151.9 0457 ER de Benguela: PP; tlkg drms to IS @0459, then OM ID, YL & OM anmts, |ed.)
 into nx. 211(1-20 ed.)
 7192.9 0655 ER do Lobito(t): PP; drums/voc indig mx, US disco mx, OM tkl; deep fades
 & QRN prevented ID. 252(1-27 ed.)
 9535 2057 R. Nacional: EE; OM ID "This is Luanda" foll by lcl mx; QRM RN Madagas-
 car on 9540. 212(2-7 Daly-NY).

[11955 heard well in Australia @*0530.-Hauser/RCI SWLD]

ASCENSION ISLAND

6005 2137 BBC Relay: EE; rock mx from Gary Moore, Leona, Alcatraz, etc., ID. 543
 (12-30 Neff-OH). 343(1-28 Westenhaver-QUE)
 6020 0408 BBC Relay: EE; "Newsdesk": West Bank unrest, Libya. 222(1-12 W'haver-QUE)
 7105 0455 BBC Relay: EE; "Reflections". ID, nx: Shuttle probe. 333(1-29 Brown-IL)
 11750 2301 BBC Relay: EE; nx, cmty Tamils/Sri Lanka, Letterbox. 433(1-18 Morin-ONT)
 11820 2052 BBC Relay: PP; tkl abt PP community in Malaysia. 333(1-6 Westenhaver-QUE)
 11860 0430 BBC Relay: EE; "Classical Record Review": Andre Previn. 232(1-9 W'h'r-QUE)
 15105 1900 BBC Relay: FF; EE lang lessons, pgm #20. 454(1-22 Wallenhorst-OH)
 15260 2130 BBC Relay: EE; cl mx request pgm, TC, IS, ID, nx. 453(1-26 Fisher-NM)
 15390 2136 BBC Relay: EE; "Calling the Falklands". 455(1-7 Rocker-MS)
 15400 1712 BBC Relay: EE; nx, alert from Brit. Foreign Secretary, asks all UK citi-
 zens in Uganda to stay off the streets. 544(1-25 Brown-IL).(Bingham-MA)
 17885 1605 BBC Relay: EE; nx, cmtry: Cuban involvement in CAM. 454(1-14 Bingham-MA)
 21660 1652 BBC Relay: EE; "World Today": USSR increases trade w/Japan. 454(1-14
 Bingham-MA).[Gee, with the sunspot cycle bottoming out, frequencies
 this high begin to look like VHF!-ed.]

[ASCENSION THE HARD WAY DEPT.: Uruguayan DX'er Daniel Muñoz Faccioli logged Volcano
 Radio, ZD8VR, 1602kHz @0439 w/EE nx & cmtry.-QSN-Grama/DXLD #3]

BENIN

4870 2140 ORTE Cotonou: FF; EE rock mx, ID @2217, lcl nx, speech by President, lcl mx. 343(1-12 Soomre-MA). 242(1-20 Stransky-NY). @2302*. 433(1-6 Rocker-MS). @0650 no UTE hr, for a change! 333(2-8 Sharp-FL)

BOTSWANA

3356 0348 R. Botswana: Sets/EE; Barnyard IS, NA @0359, YL w/freq sked in both langs, OM tk Setswana, mx. gd(2-4 Thunberg-PA). 422(Berri-CA). 332(Welch-MA)
 4820 2024 R. Botswana: Sets; mix of OM tk/lcl mx to choral NA & off @2100*. 222(2-3 Daly-NY). @0439 acapella gospel mx, ID into rel pgm @0501. 333(1-12 Thompson-CA). QRM de HRVC 'til 0500, better thereafter. 444(2-5 Sharp-FL)
 7255 0400 R. Botswana: Sets/EE; OM ID/freqs in both langs, into tik Sets/gospel mx. 333(1-19 Ross-ONT). 322(Westenhaver-QUE). 222(Kephart-MI)

BURKINA-FASO

4815 2340 RT du Burkina: FF; cont hilife mx 'til 2357 s/off anmts, ID, freq, NA, off 0000*. 353(1-5 D'Angelo-PA). @2341 freq dominated by RR OM, poss Beijing. 311(12-29 Moman-ALB). 444(Perlmutter-MA). 333(Gerstner-NY). (Kephart-MI). (Soomre-MA). 454(Welch-MA). @0705 long tik OM, ID @0715, vy nice signal. 444(1-26 Rocker-MS). 243(Sharp-FL).

CAMEROON

4795 0555 R. Douala: EE/FF; choral mx, OM ID FF, hilife mx, then nx in EE. 333(2-1 Witte-CA). @2105 w/ENx, then FF nx @2115. 353(2-1 Welch-MA). 433(1-26 Gerstner-NY). 423(1-6 Rocker-MS)
 4850 2230 R. Cameroon, Yaounde: FF; classical mx, then pop mx/FF tik @2315, by 2350 clobbered by Costa Rican het. 343(12-29 Moman-ALB). 422(1-6 Rocker-MS).
 5010 2224 R. Garoua: vern; Afro vcl mx, OM tik w/group of YLs, mx, Qur'an @2306, NA & off @2313*. 222(1-19 Dillon-MD). 323(12-29 Moman-ALB)
 9745 1954 R. Cameroon, Yaounde: FF; b/c to Europe, pop mx, anmts & many IDs by OM and YL. 222(1-10 Orr-FL)

CENTRAL AFRICAN REPUBLIC

5034 2131 R. Centrafrique: FF; Michael Jackson mx, OM/YL anmts. 332(2-2 Welch-MA) [Bangui has registered new freq w/ITU: 6100/20kw/0800-1730 in addition to existing channels.-Sennitt/RN Media Network]

CHAD

4904.5 0537 RN Tchadienne: FF; OM ends nx, lcl mx, full ID @0552 "Ici N'djamena---RDiffusion Nationale Tchadienne". 242(1-27 Kephart-MI). 333(Sharp-FL). 222(Abbinante-IL).

DJIBOUTI

4780 0350 R. Djibouti: Somali/AA; OM tik, brief lcl mx & into Qur'an recitations. UTE stn hr won't give up...neither will I! 322(2-2 Sharp-FL)

EGYPT

9475 0230 R. Cairo: EE; cmtry, "Readers' Corner", listener mail. 333(1-18 Denton-KY)
 9805 2115 R. Cairo: EE; Cairo nx, into Egyptian mx. 544(1-21 Hunt-NC). (Bingham-MA)
 9850 1545 R. Cairo: AA; OM/YL ancrs, mx, soap operas, lotsa talk. This xmsn to Europe, sked 1500-2300. 454(1-16 Donegan-CA)
 11715 0057 R. Cairo: AA; AA orchestral mx, chimes @0059, into SS pgm. 232(1-20 Orr-FL)
 12050 1930 R. Cairo: AA; mx by 'Abdul-Wahhab [my fave-ed.], YL DJ w/ID "Huna al-Qahirah", TP. 333(1-4 Dillon-MD). 544(1-25 Perlmutter-MA). @1523 with //pgm to 9850. 353(1-16 Donegan-CA). 343(1-11 Abbinante-IL)
 15210 1320 R. Cairo: AA; HS relay, interview w/child who recites poetry. 322(1-20
 17745 1336 V.O. the Arabs: song by Farid al-Atrash [isn't he dating Stevie Dillon] Nicks?-ed.], ID @1345 "Saut al-'Arab min al-Qahirah". 343(1-20 Dillon-MD)

EQUATORIAL GUINEA

4926 0600 RN Bata(t): SS; nonstop Afro mx, poss ID @0628, vy lo mod. 354(1-2 Rocker-MS). @2136 OM nx in SS, mx, ID, NA, & off @2201*. 353(1-22 Welch-MA)
 5003.6 0530 RN Bata: SS; Afropops, OM DJ tiks over all, mni ments Bata. 333(2-15 ed.) [15106 logging this column in January '86 dubious, was probably BBC African Sce in FF; not only has Bata not been spotted hr lately, but 'twas never known to b/c in FF either. Thanks to Andy Sennitt-DEN for bringing this to my attention.-ed.]

ETHIOPIA

7110 0330 VO Revolutionary Ethiopia: Amh; long NA, prayer chants. 232(1-12 Daly-NY)
 9560 1500 VO Revolutionary Ethiopia: EE; IS, ID, nx, mx, martial mx, commentary. 333(2-1 Zilmer-NM). [ECNA DXers: this one hrd in NY in past 2 wks too-ed.]

GABON

4810 0525 Africa #1: FF; hilife mx, ID, OM nx @0530-0535. 443(1-14 Thompson-CA).
(Dillon-MD). (Brown-IL). (Moman-ALB). (Brewer-AR). (Kephart-MI)(Abbi-
4830 2110 Africa #1: FF; Afropops, hilife mx. gd(1-23 Thunberg-PA). 444(1-|nante-IL)
24 Daly-NY). 454(D'Angelo-PA). 433(Kephart-MI). 343(Hardester-PA). 353
(Welch-MA)

[Congrats to Peggy for having the last log on 4810, and to Bob for being the first on
4830. Move makes Burkina/4815 easier, Mali/4835 harder. -ed.]

9570 *0355 R. Japan Relay: RR; OC, IS @0357 w/JJ & EE ID, foll by RR ID and nx @0400;
252(1-20 D'Angelo-PA). 233(Berri-CA). @0544 in FF. 333(W'haver-QUE)

9630 1749 AWR Relay: FF; rel pgm ends @1754 w/OM ancr "La Voix de l'evangile sur les
ondes d'Africa #1". 333(1-22 Westenhaver-QUE)

11705 1630 RFI Relay: EE; YL ID, "Spotlight on Africa"; multipath echo. 444(2-1 Hav-

15200 1626 Africa #1: FF; mx & IDs, phone-in show. 443 (12-31 Neff-OH) rilko-UK)

15475 1900 Africa #1: FF; premiere new "Phantasme" pgm--pop mx, showbiz nx, chat and
giveaways. 434(1-6 W'haver-QUE). 554(2-2 Thompson-CA). 555(1-25 Perl-
mutter-MA). 544(1-20 Coleman-MA)

17820 1225 Africa #1: FF; typical pgm, later QRM de UAE. 253(1-4 Hesch-NY)

17870 1215 Africa #1: FF; OM phone-in quiz, mx, "Africa Midi" @1232. 343(1-29 W'haver)

[17870 seems to have replaced 17820 this time period. -ed.]

GHANA

3240 0603 GBC: EE; OM nx, ID; weak & boxed in by UTCs. 222(2-15 ed.)[per tip by
Hauser/RCI SWLDigest; this stn part of GBC-1.]

3366 2230 GBC: EE; mx, nx hilites, ID "Nat'l Network of the GBC", sermon, NA & off @
2303*. 243(1-31 Gerstner-NY). 242(D'Angelo-PA). 322(Bishop-NY).

4915 2244 GBC: EE; mx, ID, TC "10:45", nx of loan for busses, Gen'l Arab Conference.
333(1-13 Neff-OH). 444(Rocker-MS). 353(Welch-MA). 232(Gerstner-NY). 333
QRM de RTTY.(1-25 Soomre-MA)

GUINEA

4900 2210 RDif Nationale: FF; Afropops & lcl mx, YL w/signoff anmts @0000, then NA
and off 0002*. 242(1-25 Daly-NY)

GUINEA-BISSAU

5476 2153 RD Nacional(t): PP; OM tlk, some hilife mx; only audible in brief windows
when UTE is off. 233/211(2-5 Sharp-FL)

IVORY COAST

4940 2100 RTV Ivoirienne: FF; nonstop instrumental mx (not Afro mx). [hear any ID?-
-ed.] 332(1-16 Welch-MA)

[11920, infrequently reported, noted recently @1530. -Hauser/RCI SWLDigest]

KENYA

[GS hrd @1300 w/nx on 11740 or 11795, @1800 on 9725. -Hauser/RCI SWLDigest. Currently
s/on @*0200 on 6000 khz, hrd well in Sri Lanka. -Goonetilleke/RN Media Network. Not a
single logging this month...anyone in North America hearing this?-ed.]

LESOTHO

4800 2132 R. Lesotho: EE/Sesotho; OM preaching before live audience, @2157 into Ses
OM tlk, YL s/off anmt, NA, off @2201*. SSB necessary to avoid UTE QRM.
322(1-12 Dillon-MD). @0430 interview/discussion pgm in EE. 352(1-28
Coday-CA). 222(Abbinante-IL). 422(Orr-FL)

LIBERIA

3255 2233 ELBC: EE; TC, Friday Night Request show, US pops. 433(1-17 Bishop-NY).
+(Gerstner-NY)(Stransky-NY)(Rocker-MS)(Welch-MA)(Sharp-FL)

4760 2130 ELWA: EE; ID "ELWA, the Good Friend Station", gospel mx. 222(1-19 Law-
rence-PA)+(Gerstner-NY)(Dillon-MD)(Welch-MA)(Sharp-FL)

6035 0421 VOA Relay: EE; nx to 0429, SIO 454, then beam heading shift. 252.(2-4 Kep-

6045 2205 VOA Relay: EE; nx, jazz mx. 433(1-25Brown-IL)(Westenhaver-QUE) |hart-MI)

7265 0438 VOA Relay: PP; dramatized bio of Martin Luther King. 433(1-20 W'haver-QUE)

7280 0346 VOA Relay: EE; "Daybreak Africa". 232(1-24 W'haver-QUE). 322(Brown-IL)

9620 2151 VOA Relay: EE; sports:violence at UK soccer games. 322(1-16 Bingham-MA)

11915 1731 VOA Relay: EE; Africa Sce; YL w/hilife mx. 343(1-19 Thompson-CA)

15445 1840 VOA Relay: EE; science pgm: nasal spray prevents common colds. 444(1-17Bing-

15600 1710 VOA Relay: EE; "African Panorama".454(1-22Wallenhorst-NY).343(1-30 Blair-CA)|ham-MA)

17870 1635 VOA Relay: EE; ID, nx abt Africa. 232(2-1 Havrilko-UK). 454(1-20 Bingham-
MA). 544(1-12 Coleman-MA). 333(1-9 Westenhaver-QUE). 333(2-2 Brown-IL)

LIBYA

- 6155 0335 VO the Arab World: AA; 2 OM dramatized talk, full WRTH ID @0344, AA mx; jammed; over/under Austria. 333(1-10 Westenhover-QUE)
 7245 0400 VO the Arab World: AA; ID on the hour, foll by news. 544(1-8 Rocker-MS)
 15415 1640 R. Jamahiriya: EE; OM anti-US speech, talk of Qaddafi being immortal [so are some strains of bacteria-ed.]. 544(2-1 Havrilko-UK). @1430 w/HS relay in AA. 433(1-19 Dillon-MD). 444(1-14 Berri-CA)
 15450 1900 R. Jamahiriya: EE; African Service back hr w/fanfare, s/on anmts, Qur'an reading, song about Women's Lib. 344(1-22 W'haver-QUE). 544(1-26 Hunt-NC)

MADAGASCAR

- 3287 0236 R. Madagasikara: Vern; YL tlk, OM tlk, Afro mx. 422(1-10 Orr-FL)
 9540 2030 RN Relay: EE; "Happy Station" re:trip to Quito. 555(1-19 Hunt-NC) +3
 9715 2051 RN Relay: EE; "Shortwave Feedback". 544(1-25 Brown-IL)(Sampson-WI)+2
 15570 1632 RN Relay: EE; nx, "Newline". 233(2-1 Gerstner-NY)(Bingham-NY)+1
 17575 1439 RN Relay: EE; "Happy Station" more on Sam trip. 333(1-12 Brown-IL)

MALI

- 4783 2105 R. Mali: FF; fast-tlkg OM w/world & African nx, sked, ID, lcl string mx; 322(1-20 Dillon-MD). 433(1-15 Welch-MA). @0716 454(Sharp-FL).333(Witte-CA)
 4835 0731 R. Mali: FF; Cora mx; good after Latin off, //4783. 333(2-8 Sharp-FL)
 5995 0734 R. Mali: FF; mx, ID, into Bambara dialect, /both above. 322(2-8Sharp-FL) [Sundays @1830 the 60mb channels split: 4783 has an EE pgm, 4835 has FF; they rejoin @ 1900. -Sennitt/DSWCI. Recent QSL lists sked: 4783, 4835, & 5995--0600-0800, 1800-0000; 7285--0800-1000, 9635--1200-1800.-Welch-MA]

MAURITANIA

- 4845 1900 RTV Mauritania: AA/FF; end AA pgm, guitar IS, then into FF w/OM ancr, mx from Dire Straits & others. 343(1-22 Havrilko-UK). @2148 in AA. 343 (2-5 Sharp-FL). 444(1-27 Perlmutter-MA). 242(1-20 Dillon-MD). @2351 into prayer, s/off w/NA @0002*. 353(2-5 Welch-MA)

MOROCCO

- 9577 1712 R. Mediterranean Int'l: FF; nonstop funk mx, EE ID "Ladies & gentlemen, [now on 9580.. you're listening to Medi Un." Hrd from @0800 past 2100 w/FF/AA, a few see ETC at ads, best reception @2100v. 433(1-27 ed.). 344(2-7 Sharp-FL). 232(2-1 end of AFRICA) Welch-MA). (Orr-FL).[You may hafta listen a while for ID hr-ed.]
 9760 1930 VOA Relay: EE; "Now Music USA": nx of R&R Hall fo Fame. 333(1-23 Bingham-MA)
 11760 1901 VOA Relay: EE; nx, "Newline", sports. 454(1-23 Bingham-MA)
 11920 2040 RTV Marocaine: AA; AA mx, YL tlk, under REE. 312(1-18Berri-CA)(Rocker-MD)
 15335 1740 RTV Marocaine: AA; typical AA mx going on forever w/FF ancr. 444(1-25 Perlmutter-MA). 555(2-1 Havrilko-UK). 142during geo-storm (2-8 Sharp-FL)
 15390 1943 R. Mediterranean Int'l: AA/FF; eclectic mix AA/Western mx, Marlboro ad, anmts mainly in FF, fades by 2020. 433(1-29 Westenhover-QUE)
 17595 1625 RTV Marocaine: AA; //15335 w/lcl mx, OM tlk. 141 in geo-storm(2-8 Sharp-FL)
 [RTVM new 9865 @2000 in AA, //11920. -Jones/DXLD#3. Domestic Sce in AA sked: 7275 and 9865--0600-0800; 15335--0800-0100; 17715--0900-1200; 17695--1200-????.-Green/RCI/DXLD3]

MOZAMBIQUE

- 3212v 0400 R. Mocambique: PP; YL talks; xmtr hum on audio. 352(2-3 Orr-FL)
 3338 0336 R. Mocambique: PP; OM tlk, YL tlk, mx; //3212. 152(1-24 Orr-FL)
 4734 0409 R. Mocambique: PP; YLw/morning exercise pgm, chimes, OM ID. 352(2-3 Orr -FL). @2117 w/hilife mx, ID. 252(1-20 ed.)
 7241.5 0338 R. Mocambique: PP; Billy Ocean mx, OM ".bom dia", etc., mx, chimes @ 0359, ID, YL nx. 222(1-20 ed.)
 9618 0345 R. Mocambique: PP; EZL mx to 0400, then ID, YL reads numbers list[lottery or maybe "Lucky License Plate" contest??? HI!-ed.]. 434(1-18 Denton-KY). @0446 pop mx, tc, 4-note chime & ID before 0500 nx. 232(1-10 W'haver-QUE)
 9637a 0401 ER de Sofala, Beira: PP; OM nx, mx, chimes, ID, cmtry. 232(1-24 Orr-FL)
 11818 0517 R. Mocambique: PP; YL tlk, ment Mocambique, into gtr mx. 151(2-5 Sharp-FL)
 [Emis Prov Maputo hrd on 4924.4 'til 1840*, //4734.5, both w/EE @1800.-Hauser/RCISWLD]

NIGER

- 5020.4 2153 RTV Niger: FF; tribal mx, 3 pips @2200, OM "Ici Niamey", mx pgm to ID/ s/off anmts, choral NA @2306*. 242(1-18 D'Angelo-PA). 252(1-30 Welch-MA). @0700 "Ici Niamey, la Voix du Sahel.." 344(2-R Sharp-FL). 333(1-19 Witte-CA). @*5300 222(1-30 ed.)



NIGERIA

3326 2219 R. Nigeria-Lagos: EE; political tkl, ID, tribal mx. 333(1-17 D'Angelo-PA)
 4770 2130 R. Nigeria-Kaduna: EE; "Our Industry" pgm, ID "Channel 2, Radio Nigeria"
 333(1-25 Gerstner-NY). 453(Welch-MA). 222(Dillon-MD)(Abbinante-IL)
 @0600 ID, nx, cmtry. 343(1-2 Coday-CA)(Shaffer-PA). 242(Kephart-MI)
 4990 2201 R. Nigeria-Lagos: F%; YL nx, ID, TC, pgm of Afro mx. 232(1-25 Gerstner-NY)
 5965 0635 Plateau RTV Corp-Jc: EE; rock mx, mni ads, IDs. 333(1-19 Witte-CA)
 6025 0655 R. Nigeria-Enugu: F%; EZL/pops, OM ID, tps, nx. 333(1-19 Witte-CA)
 7255 0453 VO Nigeria: EE: IS, drums, NA, OM anmt, into pgms. 242(1-26 Brewer-AR).
 333(McKinney-PA). 344(W'haver-QUE). 433(Thomson-CA). 444(Sampson-WI)
 15120 2130 VO Nigeria: EE; nx, ID, nx headlines, cmtry, off 2201*. 322(1-15 Walleu-
 |horst-OH)

RWANDA

3330 0435 R. Rwandaise(t): FF; OM tkl, drum interlude, more tkl. 322(2-5 Sharp-FL)
 7225 0456 DW Relay: EE; "The Weekend" pgm, about health resorts. 333(2-1 Bingham-MA)
 @0442 OM nx, ID. 242(1-26 Kephart-MI)
 9735 1515 DW Relay: EE; "Window on the World" pgm, into Swahili @1545. Moscow chimes
 underneath @1530. good(1-9 Sheedy-CA)
 15275 1835 DW Relay: GG; mx by Marlene Dietrich, Sinatra; ID. 333(1-12 W'haver-QUE)
 17800 1230 DW Relay: EE; int'l nx, feature abt Halley's Comet. 454(1-25 Card-RI).
 in FF @ 1323 w/FRG hitparade, tkl about Libya. 243(1-11 Westenhaber-QUE)

SENEGAL

4890 0020 RTV Senegal: FF; OM w/accordian mx, ments Senegal, fadeout/Latin fade-in @
 0035. 222(1-19 Atkins-WA). 222(Witte-CA). 322(Coday-CA). 333(Rocker-MS).
 333(Evans-TN). 433(Sharp-FL). 444(Gerstner-NY)

4892 0614 RTV Senegal: Vern; OM w/long tkl, ID @0621. 252(1-18 Kephart-MI)

[Per recent QSL, Senegal uses these freqs: (info via Trummel-FRG)

SENEGAL 1=International	SENEGAL 2=National	SENEGAL 4/Ziguinchor	SENEGAL 6/Tambacounda
11865 100 kw	7170 100 kw	6070 4 kw	6045 4 kw
7210 100 kw	4890 100 kw	3336 4 kw	3356 4 kw
4950 ??			add: B.P. 116

SEYCHELLES

9510 1755 FEBA: unid; mx, tkl, mni ments "Feeba", change lang @1818?, @1832 "FEBA
 Radio", one IS, and 1833*. 323(1-11 Westenhaber-MA)
 11720 1754 FEBA: unid; OM/YL tkl a/occ mx, seemed to switch langs @1800. 212(1-25 Daly
 |-NY)

SOMALIA

7200 0321 R. Mogadishu: Somali; mx, @0330 OM ID, into nx. 533(1-22 Orr-FL)

SOUTH AFRICA

3230 0415 R. RSA: EE; wake-up pgm directed to Africa [I hope so..I don't need a
 wake-up pgm @11 PM EST-ed.]; //9585, off @0427*. 344(1-7 Rocker-MS)
 3250 0240 R. Orion/SABC: EE/AFK; ricky-tick request mx pgm. 422(1-13 Palmer-WA)
 3250 0410 R. Five/SABC: EE; ID sung by mixed choral group, into rhythmic mx w/vcls
 in lcl dialect. 222(1-20 Sable-PA). @0402 in the clr after R. Luz y
 Vida s/off. 242(1-19 D'Angelo-PA)
 3320 0400 SABC: AFK; tp, clr ID, NA, freqs, nx. 422(1-7Rocker-MS). 343(Orr-FL)
 3930 0402 Capital Radio(t): rock mx, OM ancr, ham QRM, f/out 0315. 211(2-3 Atkins-WA)
 4835 0330 SABC: EE; ID, OM tkl abt how farmers can increase milk production. 433(1-
 20(Stanley-AZ). 322(Schmautz-NY). 353(D'Angelo-PA). 322(Morin-ONT not OH)
 4880 0403 R. RSA: EE; nx, sermon @6:05AM (what a way to wake up!)[not for me, thanks
 -ed.]. 333(1-12 Brown-IL). @0410 in AFK. 444(1-25 Schmautz-NY)
 4945 1620 R. RSA: Lozi; bi-lingual pgm/EE, mostly unid lang (Lozi?)[as in "have a
 Lozi day"-ed.], pop mx, OM DJ, ID "R. RSA". 343(1-25 Atkins-WA)
 5980 0155 R. RSA: EE; IS, ID, mx, tps, "Africa Today". 454(1-31 Thompson-NM). 444(1-
 17 Stanley-AZ). 222(Brown-IL). 444(Addison-KS). 222(Bingham-MA). @1943
 in PP, //7270 & 11900. 343(1-21 Westenhaber-QUE)
 6011.1a 0207 R. RSA: EE; nx, ID,pgm abt drinking and driving [I'm against it..one quick
 stop and your drink's all over your lap-ed.]. 222(1-6 Emerson-OR)
 7270 0331 R. RSA: EE; 2 YL political discussion. 322(1-19 Abbinante-IL). 333(Blair-
 CA). 444(Stanley-AZ)(Brown-IL)(Shaffer-PA). 343(Bingham-MA)
 9585 2135 R. RSA: EE; internal banking system rpt. 353(1-19 Fraser-MA). 333(Abbi-
 nante-IL). 232(W'haver-QUE). 243(Gerstner-NY). 534(Hunt-NC)
 9615 0214 R. RSA: EE; "Letter from SAE". 353(1-11 Duncan-NC)(Neff-OH). 554(Hesch-NY)
 11900 2100 R. RSA: EE; YL nx, pgm "Under the Southern Cross". 433(1-26 Stanley-AZ). @
 1656 in Dutch. 544(2-1 Havrilko-UK)
 15305 2034 R. RSA: FF; YL w/ID, OM nx, rpt from USSR correspondent.444(1-18 Berri-CA)
 17780 1431 R. RSA: EE; "Economic Roundup" pgm, stock report. 333(1-30 Bingham-MA)

Target: ANGOLA

PARTICULARS

Official name: Republica Popular de Angola (Peoples' Rep. of Angola)

Location: Atlantic coast, SW Africa

Population: 7,200,000

Economy: oil, coffee, diamonds, minerals

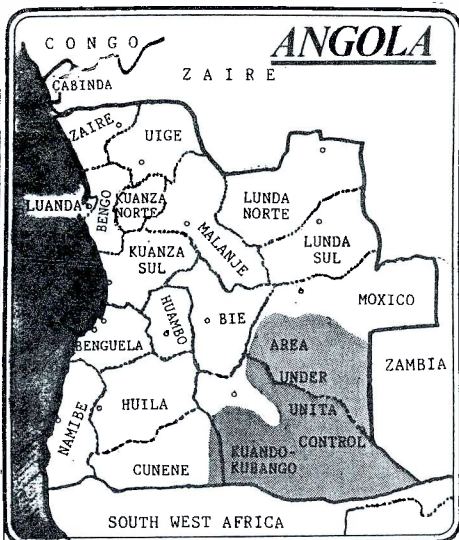
Languages: Portuguese (official), plus var. Bantu dialects incl. Kimbundo, Luvale, Umbundo, KiKongo, Kwangali, Ruund, Lunda, Mashi, and Chokwe.

RADIO BROADCASTING IN ANGOLA

Broadcasting was a flourishing business in colonial Portuguese West Africa, and at one point Angola boasted 17 independent, commercial outlets (most called "R. Clube de (province)" or "R. Comercial de...". Two government stations, Emissora Oficial and A Voz de Angola, broadcast from Luanda.

Then, in 1974, a new government took control in Lisbon and brought 500 yrs of Portuguese colonization to a close. Fearing native vengeance, settlers made a hasty retreat, taking everything not nailed down and spitefully damaging what remained, lest it become useful to the Angolans (who had been taught no technical skills by the departing Portuguese). The radio system, thus damaged and in near-total disrepair, was nationalized by the newly independent Angolan government in 1975-1976, forming Radio Nacional de Angola. (The lone holdout was the Catholic Church's R. ECCLESIA, which continued to use 3355/4985 until finally succumbing to nationalization in 1977.) Angola's radio network after independence was hardly able to cover more than a third of its territory, an area larger than Texas and California combined. More recently, expansion efforts have concentrated on Angola's FM network, with no apparent improvements made to the ailing regional shortwave outlets.

Angola's External Service, for years active only in the 1630-1900 timeslot (with on-going "Liberation programs", has expanded in recent years to include segments in English, French, and Spanish, beamed primarily towards Africa and Europe but often audible in North America as well. The regionals, still using dilapidated xmters from the colonial period, appear sporadically on shortwave with broadcasts in Portuguese, vernaculars, and occasionally Spanish for the large Cuban presence in the country. Chasing down even a handful of these stations can be a frustrating challenge for even the veteran DXer: schedules are erratic; outlets appear briefly and then vanish for months or years; listed powers and frequencies are usually mere wishful thinking. Compounding the problems faced by Angola's regionals is the fact that most of the country's electricity-generating facilities are in the industrialized and populous western half; the interior relies on an underdeveloped hydroelectric power system, and outages can be frequent. Considering the obstacles, it's a near-miracle some of the regional stations ever appear, however briefly.



ANGOLAN PROVINCES
○ = SITE OF PROVINCIAL CAPITAL / XMTR SITES

RADIO CLUBE



ANGOLA

INSTITUÇÃO DE UTILIDADE PÚBLICA

CR 6 R A

CR 6 R C

CR 6 R L

CR 6 R N

Cx. POSTAL 929

END. TELER: RADANGOLA

LUANDA (ANGOLA)

AFRICA OCIDENTAL, PORTUGUESA



THEY DON'T MAKE 'EM LIKE THEY USED TO: A GREAT QSL FROM ANGOLA, CIRCA 1965.

DX INFO

Easiest way to log Angola in NA is on 9535 during the ES b/casts (EE @2100, Sun @2200UTC); freq is often audible @0500 also. Regionals pop up in NA @0500-0700a, and also @2200-2300a in winter. If you catch any Angolans wandering around 4950 or 5044, then it's worth checking the other 60mb channels! The following listing should help a bit, but go for that ID! List-logging is virtually impossible here because everything can change so quickly!

R. Nacional currently QSLs with a f/d card for 2 IRCs or mint

stamps, report preferably in PP. QSLing regionals takes infinite patience and luck. Mail sce, slow throughout much of Africa, faces sizeable obstacles in Angola, where roads, bridges, and rails are subject to frequent guerrilla demolition. And, if your report actually arrives, your QSL faces the same hurdles! Good luck and good listening!

FREQUENCY/kHz	POWER	STATION (city)	HOURS
3346v-----	-10kw	ER do Huambo (Huambo)	1900-2100
3355-----	-10kw	R Nacional	inactive
3994-----	-1kw	ER da Huila (Lubango)	0400-2300
4772.1-----	-500w	ER da Lunda-Norte (Chitato) ????	
4780-----	-5kw	ER do Cuando-Cubango (Menongue)	1800-2400
4820v-----	-25kw	ER da Huila	0400-2300
4848-----	-5kw	ER do Uige (Uige)	0500-2300
4860-----	-5kw	ER da Lunda-Sul (Saurimo)	0530-1800
4885-----	-5kw	ER do Zaire (M'banza Congo)	0600-1400. 1800-2300
4896-----	-1kw	ER do Bie (Kuito)	0500-2400
4941-----	-1kw	ER de Malanje (Malanje)	0500-2400
4946v-----	-10kw	R Nacional	24h
●4950-----	-5kw	A Voz da Verdade (RSA)	0300-0400, 20-2100
		R. Unita (RSA)	0430-0630 M/W/F 1730-1930 Tu/Th/Su
4952v-----	-25kw	ER da Huila	1800-0530
4969.8-----	-5kw	ER de Cabinda (Cabinda)	0500-2400
●4973-----	-???	A Voz de Resistencia da Galo Negro (RSA)	s/off v1840-0530
5044.5-----	-1kw	ER do Lobito (Lobito)*	0430-2300
5062.1-----	-10kw	ER do Huambo	0500-2400
5184.9-----	-5kw	ER do Moxico (Luena)	0500-2300
5370-----		ER da Huila (alternative to 4952)	
5405.2-----	-1kw	ER do Namibe (Namibe)	0500-2300
5437-----	-1kw	R Nacional	24h
6115-----		ER do Lunda-Sul (alt. to 4860)	
6151.9-----	-1kw	ER de Benguela (Benguela)	0500-2400
7160-----	-10kw	ER do Huambo	0500-2400
7192.9-----	-1kw	ER do Lobito	0430-2300
7215-----	-10kw	R. Nacional	0600-1900
7245-----	-100kw	R. Nacional	0600-2400
7260-----	-1kw	ER de Benguela	0500-2400
7285-----	-1kw	ER do Cuanza-Sul (Sumbe)	?????
9535-----	-100kw	R Nacional	0500-2400
9616-----	-5kw	ER da Lunda-Sul	0500-2400
9660-----	-100kw	R Nacional	inactive
11955-----	-100kw	R. Nacional	0600-1900
19070-----		R Nacional (2nd harmonic 9535, noted @21-22+ late spring/early summer)	

[EDITOR'S NOTE:
Actual freqs & skeds vary, and actual powers used are probably much lower. Some QTHs may even be open to question! Thus warned, you may consider this listing a broad outline at best.]

● CLAUDESTINES, FREQUENTLY MISTAKEN FOR ANGOLANS

*R. Database Int'l lists this as ER de Benguela, corroboration through monitoring reports this frequency would be appreciated.

SPECIAL THANKS for material used above go to LARRY MAGNE/R. DATABASE INTERNATIONAL, ANDY SENNITT/WORLD RADIO TV HANDBOOK, and JERRY GALLUCCI/U.S. STATE DEPARTMENT

African Calendar

MARCH: 6 Independence Day (Ghana)/11 Decoration Day (Liberia)/12 Anniv. of Renovation (Gabon)/12 Moshoeshoe's Day (Lesotho)/12 National Day (Mauritius)/13 Commonwealth Day (Swaziland)/15 JJ Roberts' Birthday (Liberia)/18 Day of Supreme Sacrifice(Congo)/19 Nat'l Tree-Planting Day (Lesotho)/20 Independence Day (Tunisia)/25 Anniv. Formation of the UNFL (Uganda)/28 Evacuation Day (Libya)/28 Good Friday (various)/29 Anniv. Death of Barthelemy Boganda (C.A.R.)/29 Commemoration of 1947 Rebellion (Madagascar)/30 Easter (Various)/APRIL 4 National Day (Senegal)/6 Victory Day (Ethiopia)/6 Isra' and Mi'raj-Night Journey and Ascension of the Prophet (Islamic countries)/7 Day of the Mozambican Woman (Moz.)/9 Martyrs' Day (Tunisia)/10 Fast & Prayer Day (Liberia)/12 Nat'l Redemption Day (Liberia)/25 Youth Day (Angola).

Etc.

Andy Sennitt has recently noted Cairo on 4902.5 @0400; freq is 1/2 of 9805, so this is likely a xmtr malfunction....Burkina-Faso's rarely-reported outlet on 7230 has been heard from *0815 on Saturdays and Sundays (R. Australia JJ DX Pgm/via Hauser/RCI SWLD)....Dan Sheedy hears an UNID in AA On 9530 @1500-1525 (BBC s/on); too weak for copy here on the ECNA, so maybe our WCNA reporters can shed some light..... Thanks to all who commented on my "SIO" rantings last month--the jury is still out on this one.....When we resolve that one, maybe then we can get to work on changing "OM/YL" to ""M/W".....Medi Un (Morocco) moved to new 9580 (ex-9577) as of 2/17, sked is 0600-0730 and 0800-2400---the stn leaves the air 0730-0800 for VOA AA b/c on same freq; sked on 15390 is 0700-1900.(Hauser + Media Network)....Happy hunting & CU in 30!

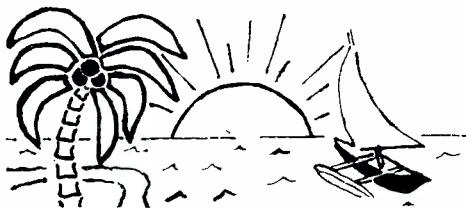
73. cl

ASIA-OCEANIA

EDITOR:

BOB THUNBERG
409 Burt Street
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DEADLINE: 12th of each month
FREQUENCIES IN KILOHERTZ
TIMES ARE IN GMT
0000=sign on 0000=sign off



MYSTERY SOLVED! It was reported in this column last year that as of 18 Sept 1985, the country of Papua New Guinea was to have a new name. This new name was to be chosen from suggestions made during a nationwide competition. Well Sept came and went and no new name was ever mentioned and no clue was given as to why the country remained as Papua New Guinea. Until now, as William Dickerman-PA received a long handwritten letter (dated 14 Jan) from Francis Damien, Director of the Karai Service of NBC in Boroko PNG that clears up the mystery. According to Mr. Damien, the idea of changing the country name was that of the previous Somare government which was ousted from office after a vote of no confidence in Nov 1985. The new government, under Prime Minister Pias Wingti, has decided against the idea. The competition, however, attracted many entries, both from within PNG and from overseas. Most wanted to retain the original name, but with it spelled in Pidgin as "Papua Niugini". Mr Damien also stated that the plans to install three 50kW shortwave transmitters at Lae have been put on indefinite hold (see Dec 85 A/O). He says that most xmtrs in PNG are showing signs of age and periodically break down, creating radio black-outs to listeners in their vicinity. But, as Mr. Damien states, broadcasting is not a priority of the new government, so little financial support of the NBC is expected.

William also passed along some PNG shortwave sked info he received that differs from that in WRTH 86, but I'll hold off on this until I'm sure I have enough room for it this month. Along with the usual excellent loggings from China, Indonesia, USSR, etc, I have also received a larger than usual number of reports from seldom reported India and Pakistan.

BANGLADESH R. Bangladesh
9775 1328 **RB:** NEPALI: pgm of great Nepali mx; YL w/clr ID/sked; 1345*; best ever hrd here; // weaker 7105 (353 2/3 Quaglieri-NY)

R. Bangladesh: Home Svc on new freq 6150, 1100-1730 w/EE nx @ 1530. "V. of Islam" EE pgm to Europe 0800-0830 on 11750 & 11775. (SCDX 2/5 & 2/12)

CHINA (PEOPLE'S REPUBLIC) R. Beijing WA)
3200 1440 **FFS-1:** CC: trad CC opera; YL anmts; TP's @ 1500; // 4045 (222 1/25 Atkins-
3950 2350 **Qinghai PBS:** CC: YL singing (fr 12/29 Moman-ALB) Most of Don's loggings
are from Dec 85-a little old, but I will include the most interesting.
3985 1420 **RB:** IN: SE Asian Svc w/nx? to 1430, then nice CC ballads & pop mx; ARO QRM
as signal strengthened toward sunrise (222 1/25 Atkins-WA)
4380 1432 **FFS-2:** CC: YL tlk (353 1/15 Donegan-CA)
4785 2303 **Zhejiang PBS:** CC: OM & YL tlk (432 2/3 Orr-FL)
4865 1530 **Gansu PBS:** CC: ID by YL; taped pgm of martial & class mx incl audience ap-
plause (222 1/20 Sharpe-CA)
4883 1400 **RB:** UNID: IS, OM & YL w/ID (434 1/21 Berri-CA) @ 2202 RR: jammed (Moman-ALB)
5030 2146 **CPBS-2:** CC: slow instl mx; listed as *2100 (good 12/29 Moman-ALB)
5050 1510 **Guangxi PBS:** VV: presumed RB Foreign Svc via Guangxi; OM & YL tlk, CC instl
mx; clr RB IS @ 1600* (222 2/4 Sharpe-CA)
5800 1118 **CPBS Urumqi:** UNID: listed as Minority Lang Svc; subcontinental-type vcl mx
w/YL ancr; EZL mx break into another UNID lang @ 1130 w/OM & YL tlk (nx?);
deep fades & Ute QRM (poor 2/12 Thunberg-PA) MS
5860 2320 **CPBS-1:** CC: tlk & CC mx; weaker than // 5880 but less QRM (242 1/1 Rocker-
6150 1450 **Heilongjiang-1:** CC: CC mx; YL w/ID "Zhongyang renmin guangbo diaantai";
1500* (444 1/24 Berri-CA)
6860 2118 **RB:** EE: CC mx; ID & tlk on retraining workers; //7590 (322 1/13 Westen-
haver-QUE) (151 1/19 Orr-FL)
6933 2125 **RB:** SS: pgm of CC mx & OM discussing it (333 1/13 Westenhaver-QUE) //7375
(252 1/19 Orr-FL) @ 2239 SS: CC opera; YL w/ID & sked (1/16 Thunberg-PA)

6975 1440 Nei Menggu: MONGOLIAN: OM & YL ancrs w/orch mx; hrd every day w/gd to fr signal (453 1/15 Donegan-CA) lang acc. to WRTH..ed

7080 *1530 RB: HINDI: YL w/nx; lots of tlk, some mx (454 1/15 Donegan-CA)

7295 1201 RB: JJ: YL w/pgm of nice orch mx; //7480; this is most likely Peter Dillon's unid from last month (good 1/22 Thunberg-PA)

7935 2247 CPBS-1: CC: OM & YL w/political(?) tlk; Ute QRM; QSB (fr 1/16 Thunberg-PA)

9365 *2100 RB: EE: IS, "Qui R. Pekino" ID; //9965, 7470 (243 1/13 Westenhaber-QUE)

9535 1255* RB: EE: freqs read, IS & s/off (343 1/16 Fraser-MA)

9550 1300 RB: EE: nx, cmty; tlk on culture & unemployment; //9730-ex-test freqs, now established; also hrd @ 1400 (454 1/16 Donegan-CA)

9730 1347 RB: UNID/EE: lang lesson?; pgm ends @ 1355, silence to IS into EE @ 1400 (242 2/3 Quaglieri-NY) @ 1408 EE: nx abt China; "Profile" on woman's service group in Beijing (544 1/24 Thompson-CA) wld nx (353 1/16 Sampson-WI) cmty on UN's International Year of Peace (333 1/13 Westenhaber-QUE)

9820 *0000 RB: EE: wld & lcl nx, cmty (333 1/7 Westenhaber-QUE) nx, intvw w/chairman of Federation of American Scientists; CC lang lesson (444 1/13 Stanley-AZ) tlk on Butterfly Party in SW China (444 1/8 Langlois-FL) "Listeners Letterbox" incl info on Jews in China (443 1/8 Neff-OH)

1100 RB: EE: tlk on Chinese family social customs (433 1/21 Alexander-NJ)

1247 RB: EE: CC instl mx, "Listener's Letterbox" (333 2/2 Bingham-MA) mer-WA)

0131 RB: CC: OM tlk, CC mx; vy strong signal indicates to WCNA (55232 1/23 Pal-

11650 2335 RB: SS: tlk, mx, IDs & 2355* (252 1/19 Orr-FL) @ 0228 SS (Stephenson-CA)

11685 0000 RB: EE: nx, mx; polar flutter (1/19 Denton-KY) wld & lcl nx, tlk on counseling service for women in China (433 1/24 Stanley-AZ)

11860 *0300 RB: EE: "China in Construction" (343 1/17 Falbo-OR) Story of lonely man, flowers his only friends till he finds love w/woman his own age (433 1/16 Zirkelbach-CA)

15330 2340 RB: AMOY: tlks, CC mx, IS @ 2356 (343 1/13 Berri-CA)

INDIA

All India Radio

4800 1345 AIR Hyderabad: HINDI: long tlk to 1400, clr ment of "Hyderabad" then intvw; nice sitar mx; my 1st Indian regional! (222 1/25 Forsgren-WI) been a long time since this was last reported, nice one Ray..ed

7160 1405 AIR Aligarh: UNID: OM tlk, Indian mx; // stronger 11620; this freq clobbered by AROs (211 1/19 Quaglieri-NY)

7255 *1227 AIR Aligarh: TIBETAN (acc. to WRTH): IS to 1230; chanting prayers; QRM de unid SS lang stn (222 1/21 Westenhaber-QUE) CA)

9525 0141 AIR Madras: UNID: Indian-type lang pgm of mx & OM tlk (252 1/13 Donegan-CA)

9545 *1328 AIR Aligarh: EE: IS to 1330, ID & freq sked, wld nx incl Philippine elections; cmty on Halley's Comet; Hindi mx @ 1345 (333 2/7 Harris-OH) Tnx Mike-you're probably right abt this being the stn reported on 9445 last month..ed @ 1334 EE: wld nx, cmty (434 1/10 Orr-FL) nx of US Space Shuttle tragedy; Bengali vcl mx (nice!) @ 1346 (good 1/29 Thunberg-PA) NY)

9910 2033 AIR Delhi: EE: "Mailbag" pgm, Indian mx, OM w/pgm info (343 1/20 Quaglieri-2155 AIR Delhi: EE: film mx, nx @ 2000, cmty on India/Pakistan relations (232 1/13 Forsgren-WI) nx; QRM de BBC on 9915 (222 1/1 Soomre-MA)(252 Orr-FL)

10335 1343 AIR Delhi: SINHALA: Indian vcl mx; OM w/anmt; //15125, 1359*(353 Quaglieri)

11620 2150 AIR Aligarh: EE: Indian vcl mx w/sitar; //9912 (252 1/19 Fraser-MA)

11810 1333 AIR Delhi: EE: ID, nx, cricket scores; //9545 (232 1/19 Quaglieri-NY) @ 1408 EE: nx, anmts, YL vcl mx (333 1/10 Orr-FL)

INDONESIA

Radio Republik Indonesia

3205 1631 RRI Bandung: IN: variety pgm w/audience; RRI ID @ 1659, pause into nx by OM @ 1700, anthem, "Bandung" ID & 1705* (1/12 Kusalik-ALB)

3223 1325 RRI Mataram: IN: mixed pgm of pop & EZL mx; YL w/clr "Mataram" @ 1330; 1343 f/out; some splatter de Morobe, 3220 (121 1/23 Forsgren-WI)

3231 1554 RRI Bukittinggi: IN: pop mx (some in EE); ID @ 1559 "RRI stasiun Bukittinggi", few bars of "Song of Coconut Isles"; Jakarta nx @ 1600, anmts, variety pgm of EE songs; noted till 1630 f/out (gd 1/12 Kusalik-ALB)

3264 1537 RRI Bengkulu: IN: noted w/strong signal on nice Sumatra opening-clr ID @ 1538, short tlk, Qur'an till 1542; "Love Ambon" played w/s/off anmts incl ment of freqs & metrebands & "selamat malan"(goodnight), 1554* (1/12 Kusalik-ALB)

4000 1529 RRI Kendari: IN: RRI ID, lcl nx @ 1530; mx to 1550; OM w/anmts, sked w/ "Love Ambon" in background; 1553* (1/13 Kusalik-ALB)

Next two loggings out of order...ed

3975 1640 RRI Surabaya: IN: tlk on Islam; ID @ 1644 & ment of "musik di Indonesia", nice love ballads; Surabaya ID & 1658*-nice signal (no date Kusalik-ALB)

3960 1540 RRI Palu: IN: pop mx, OM anmts, nice ID for Palu, 1550* (1/13 Kusalik)

Only one Indo logging from ECNA this month and that is for a late afternoon (local time) broadcast. The sun just rises too early here!

- 4752.7M 1432 RRI Ujung Pandang: IN: OM w/lcl nx, martial mx @ 1440 w/OM "voice-overs" (45333 1/13 Palmer-WA) @ 1335 IN: YL w/pop mx pgm; "Inilah RRI Ujung Pandang" @ 1400 (333 1/22 Forsgren-WI) Indo pop & keronchong mx; ID @ 1542, "SCI" into nx by OM (343 1/28 Sharpe-CA) Indo pop mx w/OM ancr; dramatic rise in signal strength @ lcl sunrise (332 1/25 Atkins-WA)
- 2204 RRI Ujung Pandang: IN: YL w/pop mx; intvw @ 2211; ID @ 2230 into nx; per tip from David Sharp (352 1/21 Orr-FL)
- 4931.6 1607 RRI Surakarta: IN: odd sounding Indo mx; Moslem chants & relig mx (242 1/25 Atkins-WA) @ 1506 IN: nx by OM; martial & Javanese gong chime mx; signal fading (232 2/2 Sharpe-CA)
- 4955 1350 RRI Banda Aceh: IN: intvw, ID @ 1400 into pop mx; severe Ute QRM. Also noted 1/27-much clearer but not hrd since (111 1/23 Forsgren-WI) @ 1545 w/nice Indo mx (2+ 1/17 Witte-CA)
- 5046 1318 RRI Yogyakarta: IN: gamelan mx, ID, presumed lcl nx, then Indo version of "We Are the World" (2+22 1/28 Forsgren-WI)
- 5256 1325 RRI Sibolga: IN: AA type mx; YL w/ment of "Sibolga" @ 1330 into variety pgm; 1345 f/out. Nice Sumatra morning! (222 1/27 Forsgren-WI)

IRAN

V. of the Islamic Republic of Iran

- 9022 1940 VOIRI: EE: nx, cmty incl item that US should learn lesson after Space Shuttle disaster (222 1/30 Bingham-MA) "The Imam Message"-Khomeini says we should avoid luxury; //6080 (343 1/20 Westenhaver-QUE)
- 15084 1355 VOIRI: FARSI: Qur'an recitation; hammer IS, ID by OM @ 1405 (444 1/13 Abbinante-IL) ID as "Inja Tehran ast Sedaya Jumhuriya Islamiya Iran" (343 1/18 Dillon-MD)

VOIRI: new EE hour @ 1115 on 7230, 11790, 15084. (BBCMS on SWLD 2/9)

IRAQ

R. Baghdad; Sawt ul Jamaheer

- 7170 2137 RB: EE: IS, ID "This is R. Baghdad, the casting svc of the Iraqi Republic"; AA mx; tlk abt military hardware; 2203* (433 1/5 Westenhaver-QUE)
- 9630 1805 SuJ: AA: ID "Min Baghdad"; tlk abt Iran; QRM de CBCNQS-9625(Dillon-MD)
- 11705 1400 RB: AA: tlk, vcl mx; // 7295 (232 2/1 Zilmer-NM)

R. Baghdad: expanded Nam Svc hrd on 11750 to 0450*. (Richard Wood-HI, SWLD 2/9)

ISRAEL

Kol Israel

(IL)

- 5885 2237 KI: EE: report on Greek Orthodox Church; "Israel Mosaic" (333 1/19 Brown-0013 KI: EE: disc. on lives of Christians & Moslems in Israel; 0028*; //7410, 9435 (444 1/17 Brewer-AR) (433 1/20 Bishop-NY)
- 0122 KI: EE: YL tlk, OM w/sked (232 1/17 Berri-CA) (222 1/18 Brown-IL)
- 7410 0002 KI: EE: nx, tlk on sanctions against Libya; "Face to Face" (1/10 Bingham-MA) (444 1/12 Neff-OH) KY
- 0100 KI: EE: YL sings "Amen to Words" (545 1/14 Robinson-TN) Arts pgm (Denton-0200 KI: EE: wld nx; "Face the State" pgm; // 9435 (433 1/16 Stanley-AZ) nx of Israeli/Egyptian relations (444 1/11 Duncan-NC)
- 0500 KI: EE: nx of Israeli precautions against terrorists (433 1/11 Coleman-MA)
- 2000 KI: EE: "Calling All Listeners"; "DX Corner" abt Tel Aviv underground radio in 1947 (454 1/19 Fraser-MA) "Let My People Go" (1/28 Westenhaver-QUE) MA
- 7465 2035 Reshet Bet: HH: orch mx w/YL ancr (343 1/19 Shaffer-PA)
- 9385 1801 KI: EE: wld & economic nx; tlk on racism in Mid East (433 1/20 Bingham-2105 Reshet Bet: HH: mx pgm; "Kolyisrael" ID, ads (333 1/5 D'Angelo-PA)
- 9435 *0000 KI: EE: sked, nx, "Let My People Go"; "This Land" (454 1/22 Bingham-MA)
- 0204 KI: EE: nx, "TGIF" pgm (333 1/18 Neff-OH)
- *2230 KI: EE: tlk on relations w/Egypt; Israeli pop mx (444 1/13 Stanley-AZ) (545 1/11 Robinson-TN)
- 11585 1800 KI: EE: lcl nx, wx, & spts (Israeli basketball) (444 1/23 Bingham-MA)
- 15485 1613 KI: PERSIAN: OM tlk-no ID hrd but KI IS played @ 1623*; current KI sked lists 15585 instead of this. (433 1/29 Westenhaver-QUE)
- 15615 1334 Reshet Bet: HH: variety pgm; intvws, some mx, ID (433 1/5 Rocker-MS)

JAPAN

Nihon SW Bcast; R. Japan

- 3925 1100 NSB: JJ: ID, nx of Philippine elections; mx @ 1130 (444 2/10 Allen-CA)
- 3945 2120 NSB: JJ: YL/OM tlk, lite mx (fair 12/29 Moman-ALB)
- 5990 *1300 RJ: EE: wld nx; "Current Affairs", "Asia Now", "Japan Panorama"; // 9605, 7250 (544 1/16 Neuverther-CO) instl mx, "R. Japan Journal" (454 1/25 Thompson-NM) IS, ID, nx (222 1/12 Soomre-MA) tlk abt Kabuki Theater (433 1/26 Fisher-NM) Letters pgm-read letters from Oceania & NAM (222 1/20 Kephart)
- 1453 RJ: EE: IS & ID (343 1/19 Cole-CO) economic nx, mx (323 1/24 Addison-KS)
- 7125 1128 RJ: EE: caught end of nx on Asian Cont. Svc; ID as "Genl Overseas Svc" & 1130* (fair 2/5 Thunberg-PA) I've actually hrd RJ twice this month-got to be a record for me! RBT

9645 1731 RJ: SWAHILI: nice JJ orch mx; co-channel VOA QRM (323 1/15 Donegan-CA)
 0045 RJ: EE: vy pr due to VOA & Brazilian QRM (111 1/10 Bishop-NY)
 15195 *0200 RJ: EE: nx of tlks btwn Japan & USSR; 0210 f/out; //17825, 21610, 21640
 (333 1/19 Stanley-AZ)
 15420 0100 RJ: EE: Current Affairs, "Tokyo Pop-In" w/Sachikoto Natori (444 1/30
 Sharpe-CA) tlk on English Channel tunnel (444 1/21 Blair-CA)(Thunberg-PA)
 17810 0100 RJ: EE: wld nx; "Japan Scene" on Halley Comet watchers (444 2/4 Sharpe-CA)
 0300 RJ: EE: nx from Yemen & Uganda; "Current Affairs" (433 1/24 Stanley-AZ)

JORDAN

R. Jordan

9560 1700 RJ: EE: 6 TPs, TC, nx to 1722, mx to 1730; pgm "Would You Mind Saying
 That Again?" (AA lessons for foreigners); best ever hrd here (343 1/22
 Quaglieri-NY)

KOREA (PEOPLE'S DEM REP.)

Korean Cent. Bcast Stn; R. Pyongyang

2849.8 1324 KCBS: KK: military mx; presumed ID by YL @ 1330 (242 1/25 Atkins-WA)
 2850 1425 KCBS: KK: mx pgm-mostly martial; YL w/anmt @ 1429 into poss. nx; lcl QRM-
 poss. from nearby porchlight dimmer (35232 1/13 Palmer-WA)
 13650 2338 RP: EE: YL ancw w/KK mx (222 1/1 Stephenson-CA) hrd @ 2350* w/full EE sked
 & NA; // 11735 also gd (gd 1/17 Sheedy-CA)
 13700 0005 RP: EE: YL w/nx; // 11880, 15150 (434 1/19 Blair-CA)

KOREA (REPUBLIC OF)

Korean Bcast System; R. Korea

6015 0800 KBS: KK: YL w/Social Ed. pgm; ID, TPs; OM w/political cmty; KK pop mx
 (good 2/3 Shimada-JP)
 7550 1740 RK: KK: KK mx, YL & OM tlks (232 2/2 Berri-CA)
 9570 1400 RK: EE: "Touring Korea" on visit to Buddhist temple from 844 AD; "Korean
 Culture" (444 1/14 Zirkelbach-CA)
 9750 *1400 RK: EE: nx, cmty, "Sights and Sounds" pgm on tour of Nat. Park; "Questions
 About Korea"-mailbag pgm (444 2/1 Stanley-AZ) "Seoul Calling"(Neuverth-CO)
 11810 0130 RK: SS: ID, pop mx, KK lang lesson (333 1/22 Stanley-AZ)(Bishop-NY)
 15575 *0200 RK: EE: nx, cmty, tlk on Asian Games (352 1/19 Falbo-OR) tlk on 1st Korean
 car sold in US; "Seoul Calling" (333 2/4 Sharpe-CA)(232 Westenhaber-QUE)

KUWAIT

R. Kuwait

9840 1350 RK: AA: relig drama; "Huna al-Kuwait"; TC, Qur'an (333 1/19 Dillon-MD) ID,
 Qur'an, AA vcl mx (fr 2/2 Shimada-JP) (343 1/14 Abbinante-IL) phone intvw,
 nx, mx (444 1/28 McKinney-PA)
 11675 1830 RK: EE: stn anmt into nx by YL; QRM (333 1/25 Perlmutter-MA) (555 1/20
 Coleman-MA) rock mx (333 1/18 Denton-KY)(Hunt-NC)(Bingham-MA)
 15505 1510 RK: AA: wld nx, ID, poetry, AA mx, Call to Prayer (444 1/18 Dillon-MD)

LAOS: National Radio sked: XIEN KHOUANG: 2300-0100, 0400-0600, 1000-1400 on 5400 kHz
 (1kW); OUDOM XAY: 2230-0130, 1100-1400 on 4245 (.4kW); VIENTIANE: 2200-0230, 0400-
 0700, 0900-1600 on 6130 (25kW) & 7145 (10kW); PAKSE: 2300-0200, 0400-0600, 1000-
 1500 on 6600 (1kW); LOUANG PRABANG: same times as Pakse on 7000kHz (1kW); SAVAN-
 NAKHET: 2230-0100, 0430-0600, 1100-1400 on 7385 (3kW). (SCDX 1/29)

MALAYSIA (EASTERN)

RTV Malaysia

4835 1520 RTM Kuching: MALAY: Malay pop mx; TC, ID, Kuala Lumpur nx; Qur'an till
 s/off (343 2/2 Sharpe-CA) @ 1447 w/bi-lingual ancwrs, presumed MALAY and
 MELANAU (45243 1/13 Palmer-WA)
 4895 1459 RTM Kuching: only caught last min. of anthem, 1500*(33232 Palmer-WA)
 4950 1500 RTM Kuching: EE: stock market quotes; OM w/"More bad nx than good nx" @
 1530; "Studio 86" (322 1/14 Zirkelbach-CA) "Late Night Entertainment" w/
 50s & 80s US pop mx; ID, anthem & 1600* (242 1/25 Atkins-WA) "Studio 86",
 ID, sked, NA, 1559½*-BEAUTIFUL SIGNAL! (1/14 Kusalik-ALB)
 4970 1553 RTM Kota Kinbalu: EE: Qur'an to 1556 ID & pgm notes, NA & 1600*; gd signal
 but RTTY QRM (1/14 Kusalik-ALB)

MALAYSIA (PENINSULAR)

(CA)

5965 1527 RTM Kuala Lumpur: MALAY: Malay pop mx; YL w/wx, ID; Qur'an (433 1/27 Sharpe-
 9665 1530 RTM Kuala Lumpur: EE: IS, ID, nx, mx from US (322 1/28 Zilmer-NM)

OMAN

BBC Relay

11850 0030 BBC: BENGALI/URDU: EE ID; OM w/wld nx; YL w/URDU ID @ 0050 into more wld
 nx (good 2/3 Shimada-JP)

PAKISTAN

R. Pakistan

5093.7 0136 RP Islamabad: URDU(listed): OM & YL tlk w/occ. lcl mx; clr "R. Pakistan"
 ID @ 0155 & 6 TPs @ 0200; //5904.8 (fr 1/29 Sheedy-CA)
 5904.5M 0131 RP Islamabad: URDU?: YL w/apparent nx; subcont. mx; hvy QRM de Simferopol
 USSR xmtr on 5905 (22232 1/19 Palmer-WA)

PAKISTAN cont..

7365 1545 RP: URDU/EE: Pakistani vcl mx; into EE @ 1600 w/TC, ID, & slo-speed nx for Mid East & E. Africa till 1615* (fair 1/31 Shimada-JP)

11635 1705 RP: EE: nx, cmtly, lcl vcl mx (232 1/21 Zilmer-NM) YL w/ ID & lcl nx; freq not in WRTH nor ILG (333 2/1 Havrilko-UK) 11635 reportedly replaced by 6230, 1645-1900. [SCDX 2/12]

17660 1103 RP: EE: nx of British trade relations (544 1/25 Havrilko-UK)

PHILIPPINESV. of America Relay; Far East Bcast Co

7105 2317 VOA: IN: OM tlk, some gd mx; EE s/off @ 2330 (42422 1/25 Palmer-WA)

9660 1345 VOA: EE/CC: tlk abt fire fighters in both langs (433 1/14 Zirkelbach-CA)

9670 1415 FEBC: EE: "Guidelines", "You and Your Health" (232 1/30 Zilmer-NM)

1720 FEBC: EE: rock mx, intvw pgm; best on LSB (132 1/31 Blair-CA)

15290 2317 VOA: EE: tlk of nuclear-free zone in N. Zealand (333 1/19 Brown-IL) tlk abt passenger pigeons (333 1/13 Berri-CA)

15445 2300 FEBC: EE: "DX Dial" featuring AIR; relig pgm; "Guidelines" (444 1/11 Zirkelbach-CA) "Pacific Sunrise"; lt rock mx (343 1/20 Blair-CA)

FEBC: installing new 100kW xmtr-planned startup March 86.[Arthur Cushen, Media Network]

QATAR: QBS sked: 0245-0700, 1705-2130 on 9905; 0800-1300 on 15110; 1300-1705 on 15265. [Nelson George-NC on WORLD OF RADIO, 1/17]

SAUDI ARABIABcast Svc of the Kingdom of Saudi Arabia

9530 2020 BSKSA: AA: wld nx; IN "min ar-Riyadh"; Qur'an (333 1/20 Dillon-MD)

9655 1600 BSKSA: EE/AA: OM w/British accent; mx, Call to Prayer (fr 1/17 Witte-CA)

9870 1703 BSKSA: AA: ID, intvw, AA mx, nx @ 1750 (333 1/18 Dillon-MD) current affairs pgm; AA instl mx; chime & ID @ 1800 (444 1/25 Westenhaver-QUE)

15060 1331 BSKSA: AA: Qur'an recitation (444 1/26 Perlmutter-MA) @ 1610 w/disc of Abu Bakr-1st Islamic Caliph; nx & 1700* (343 1/18 Dillon-MD)

17740t 1909 BSKSA: AA: tlk & mx w/EE lyrics after 1935 (333 1/11 Emerson-OR)

SINGAPOREBBC Relay

3915 2228 BBC: EE: nx; Big Ben @ 2230 into econ, report (232 1/22 Havrilko-UK)

2118 BBC: RR: heavily jammed (poor 12/29 Moman-ALB)

SRI LANKASri Lanka Bcast Corp

9720 1435 SLBC: EE: "Songs and Singers Showcase" pgm of pop mx-nice show!; TPs, TC & nx @ 1500; 1603* (333 1/15 Westenhaver-QUE) nx & cricket scores, rock mx; YL anc voices don't allow for more than 50% readability over noise level (252 1/12 D'Angelo-PA) (333 Donegan-CA) (433 Bingham-MA)

SYRIAR. Damascus

7455 2019 RD: EE: tlk abt Lebanon (544 1/22 Havrilko-UK)

7456 2125 RD: EE: Press review; Performing Arts pgm; RTTY QRM (433 1/3 Hesch-NY)

9635 1906 RD: FF: nx, anti-nuke cmtly; "Ici Damasque" ID; CW jammer-prob. USSR jammer intended for someone else (4+3433 1/25 Palmer-WA)

12085 1800 RD: AA: Home Svc w/AA mx; buzzsaw jammer (332 1/11 Abbinante-IL)

2118 RD: EE: nx & lcl mx to 2205*; // 7455 (332 1/12 Grussling-ID)

TAIWANWYFR Relay; V. of Free China

6300 2304 WYFR: EE: "Family Bible Reading Fellowship" (232 1/25 Soomre-MA)

9800 2130 VOFC: EE: "Mailbag": "Let's Learn Chinese" (433 2/1 Catey-IL) This may be via WYFR, though I've not seen this freq listed anywhere...ed

15270t 0200 VOFC: CC: YL w/tlks, CC mx (454 1/31 Donegan-CA) again possibly via WYFR as it is // 6065, 5985 @ 0400. WYFR is getting as bad as R. Moscow in the number of freqs it utilizes...ed VOFC hrd in EE on 11805 @ 2057-2157. [Arthur Cushen, Media Network 2/6]

TURKEYV. of Turkey

7215 2100 VOT: EE: nx of pipeline construction in Iraq; used ECSS to avoid co-channel QRM (322 1/20 Coleman-MA) nx, Review of Turk. Press (222 Bingham-MA)

1856 VOT: GK: IS, ID, OM & YL w/nx; jammed (333 1/4 Westenhaver-QUE)

0155 VOT: TURKISH: nx, contemp. Turkish mx; NA & 0252* (222 2/3 Atkins-WA)

9560 2300 VOT: EE: nx, Review of Last Week in Turkey (222 1/20 Wallenhorst-OH) Review of Turkish Press (333 2/1 Bingham-MA)(Brown-IL)(Westenhaver-QUE)

0325 VOT: EE: Turkish orch & choral mx (323 1/15 Abbinante-IL)

15220 1458 VOT: TURKISH: lcl mx; TPs, ID & nx @ 1500 (433 1/24 Westenhaver-QUE)

I encourage all SPEEDXers to participate in the SPEEDX MEMBERSHIP FEST and receive a free publication or club stickers. For those of you interested in DXing, I recommend that you ask for the SUNSET-SUNRISE BOOKLET; for those into QSLing, the FOREIGN LANGUAGE REPORTING GUIDE would be an excellent choice. Newcomers to the SWL hobby will find a wealth of info in the BASIC INFORMATION PAMPHLETS. So, JOIN or RESUBSCRIBE TODAY!!

USSR (ASIAN)		<u>R. Moscow</u>		ALB)
4450	0213	<u>R. Afghanistan relay:</u> (no lang given): flute mx, OM ancr (fr 12/31 Moman-Petropavlovsk-Kamchatskiy; RR: Orbita 1 pgm of class mx w/low-key OM ancr (222 1/20 Kephart-MI) @ 1505 RR; really swinging this AM w/dixieland jazz, disco(!) mx-who says Siberia is dull? (343 1/25 Atkins-WA)		
4485	1314	<u>R. Afghanistan, Turkmenian SSR</u> (per RDI): PUSTO or DARI: ME mx w/YL ancr; FAX QRM: this freq not listed in D-85 "Orbita" list (23232 1/4 Palmer-WA)		
4739.9M	0246	<u>R. Afghanistan:</u> UNID: flute IS, NA, into solemn OM tlk; sub-cont. mx; signal best around 0200; Ute QRM (232 2/3 George-MA) IS, NA, Qur'an (222 1/12 Hawk-VA) OM tlk, lt mx; flute IS @ 0200 (352 1/20 Orr-FL) CA		
4740	*0127	<u>R. Afghanistan:</u> UNID: flute IS, NA, into solemn OM tlk; sub-cont. mx; signal best around 0200; Ute QRM (232 2/3 George-MA) IS, NA, Qur'an (222 1/12 Hawk-VA) OM tlk, lt mx; flute IS @ 0200 (352 1/20 Orr-FL) CA		
5015	1130	<u>Vladivostok:</u> RR: nice vcl mx w/OM & YL ancrs; nx @ 1200 (333 2/11 Allen-		
5900	1533	<u>RM-Petro/Kam</u> (per RDI): EE: "Focus on Asia" (444 2/4 Sharpe-CA)		
5940	1250	<u>R. Mayak-Magadan ARSFSR</u> (per RDI): RR: "Muzak" type mx; RM IS, TPs, Mayak ID @ 1300 into nx by OM (333 1/18 Dillon-MD)		
5945	1330	<u>R. Tashkent-Uzbek SSR:</u> EE: "News & Views" pgm (332 1/18 Forsgren-WI)		
6050	1555	<u>RM Khabarovsk:</u> EE: YL cmty; "The Way We See It" pgm; Wld Svc theme played on balalaika @ 1558 (44534 1/9 Palmer-WA) CA		
6080	1455	<u>RM Komsomolsk:</u> RR: Dom. Svc #2 w/YL tlks; RM IS, TPs, ID(444 1/21 Berri-		
6130	0525	<u>R. Mayak Irkutsk:</u> RR: balalaika & orch mx; IS & nx @ 0530; QRM de unid co-channel stn; also hrd at 1831 (33433 1/9 Palmer-WA)		
6190	1355	<u>RM Nikolayevsk:</u> RR: Dom. Svc #1 of tlk, orch mx; 1359* (222 Berri-CA)		
7170	1131	<u>RM Krasnoyarsk:</u> CC: OM & YL tlk; RR pop & CC vcl mx; RM IS @ 1159 (444 1/12 Dillon-MD) @ 1030 w/RR pop instl mx (fr-gd 1/22 Thunberg-PA)		
7200	0955	<u>R. Mayak Vladivostok:</u> RR: lt instl mx; IS, TP, ID & nx @ 1000 (344 1/2 Roker-MS) @ 1841 RR: mx variety pgm; //6130-Irkutsk (1/4 Palmer-WA) PA		
7235nf	*1330	<u>R. Tashkent:</u> EE: freq sked, nx & cmty; hrd //s 5945, 9600 (1/21 Thunberg-		
7345	1732	<u>RM Komsomlisk:</u> RR: YL w/mx pgm; ments of USSR (434 2/2 Berri-CA)		
7380	*1230	<u>R. Stn Peace & Progress:</u> CC: clarinet IS, OM & YL tlk (nx?) (333 1/9 Westenhaver-QUE) site is possibly Irkutsk...ed		
9540	1215	<u>R. Tashkent:</u> EE: excerpt of Gorbachev speech; Uzbek mx; ID & 1228*; //s 5945 & 9600 both weaker (332 1/16 Westenhaver-QUE)		
9600	1224	<u>R. Tashkent:</u> EE: report on 23rd Congress of Communist Party (333 1/29 (Quaglieri-NY)		
9820	1315	<u>RM</u> via Unid site: EE: tlk on life in Russia (433 1/21 Alexander-NJ) may be European RSFSR xmtr site...ed		
11785	1330	<u>R. Tashkent:</u> EE: tlk on nuclear arms, Philippines (232 1/17 Sampson-WI)		
12050	0030	<u>RM Khabarovsk:</u> EE: nuclear disarmament tlk (433 1/19 Blair-CA)		
13690	*1500	<u>RM</u> via unid site: URDU: IS, ID "Yeh R. Moscow Hay"; tlk on Pakistan; Ute QRM (333 1/8 Westenhaver-QUE)		
13725	1357	<u>RM</u> via unid site: IN?: "Party Congress" theme mx; tlk incl ment of "sia-ran Indonesia"; vy noisy (332 1/9 Westenhaver-QUE)		
15425	0221	<u>RM Petro/Kam:</u> EE: nuke cmty to SE Asia, Austl', NZ (222 Westenhaver-QUE)		
15480	0515	<u>RM</u> via unid site: OM tlk (353 1/19 Soomre-MA)		
15520	*1300	<u>RM</u> via unid site: IN: IS, "warta-berita" (nx) by YL (333 Westenhaver)		
17665	1348	<u>RM</u> via unid site: pop mx pgm; RMWS sked says to Af/ME (1/16 Westenhaver)		

A number of USSR logs were cut because they were from probable European RSFSR xmtr sites. Even with the cuts, I had to use 2/3 of a page for USSR loggings! RBT

UNITED ARAB EMIRATES		<u>R. Dubai</u>		haver)
9565	0345	<u>RD:</u> EE: pgm in Islamic Literature series; 0356*; vy pr (121 1/6 Westen-		
9595	1500	<u>RD:</u> AA: 6 TPs, YL w/ID, nx; AA mx, soap opera (333 1/20 Quaglieri-NY)		
11955	1505	<u>RD:</u> AA: AA mx w/OM ancr (242 1/25 Sampson-WI)		
	1600	<u>RD:</u> EE: YL & OM reading reception reports (454 1/11 Hesch-NY) Islamic Literature pgm w/poetry of Mogul Empire (454 1/9 Bingham-MA) "Orientalism" pgm on Eastern Culture (gd 1/27 Thunberg-PA)		
15320	1618	<u>RD:</u> EE: EZL mx; nx by Jim MacVicar; into AA @ 1644; QRM de co-channel VOA and de RCI on 15325 (333 1/6 Westenhaver-QUE)		
17775	1329	<u>RD:</u> EE: SW freq sked; nx of fighting in S.Yemen; "Orientalism" pgm (444 1/23 Bingham-MA) wld nx, "Mailbag" (333 1/12 Dillon-MD)		
17830	1330	<u>RD:</u> EE: UAE Natl' Airlines to begin Sri Lanka svc (454 1/25 Bingham-MA) nx, Dubai wx, address (444 1/25 Perlmutter-MA) (343 1/11 Westenhaver)		
21605	1230	<u>RD:</u> EE: nx, "Orientalism", AA mx; AA @ 1255 (222 2/4 Bingham-MA)		

VIETNAM		<u>V. of Vietnam</u>	
10010t	0020	<u>VOV:</u> CC?: YL tlk, CC mx; weakened to 0100 f/out (343 2/3 George-MA)	
10040	2050	<u>VOV:</u> EE: tlk on industrial workers; cl mx; 2057*(333 1/14 Westenhaver)	
10060	1252	<u>VOV:</u> VV: SE Asian mx w/OM ancr (433 1/26 Perlmutter-MA)	
	2344	<u>VOV:</u> VV: YL tlk, martial mx, OM w/anmts (353 1/9 Orr-FL)	

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 Fantastic turnout this month! I'm sure glad I have 8 pages to work with.

YEMEN ARAB REPUBLIC

9780 2020 R. San'a: AA: AA mx; ID "Itha'atu ul-Jumhuriyyat Il-Arabiyyat Il-Yamaniyyah" (333 1/19 Dillon-MD) tent @ 1937 w/vcl & instl mx; march (NA?) @ 2000 into nx; no ID understood (322 1/17 Kephart-MI)

CLANDESTINE

9027 1803 V. of the Liberation of Iran: FARSI: OM w/présumed cmty; nx items much like same day's R. Moscow nx; abrupt 1825* (233 1/18 Westenhaver-QUE) [location believed to be Egypt..ed]
 9584.3 1255 V. of Turkish Communist Party: TURKISH: 7-note organ IS; brief march @ 1300, OM w/sked, ID "Patria Communista"; RDI says QTH is GDR (322 1/19 Quagliieri-NY)

 ***** OCEANIA *****

AUSTRALIAR. Australia

ID)

4920 0904 VL44 Brisbane: EE: nx, ABC ID; "Look at America" pgm (453 1/19 Grussling-pgm sked, TP, National nx (343 1/2 Rocker-MS) (222 1/15 Bishop-NY)
 5995 1325 RA: EE: "International Report"; lcl nx; report from Canberra (454 2/4 Kephart-MI) tlk of conservation on River Murray (333 1/18 Dillon-MD)
 6060 0108 RA: EE: Asian nx, "International Report" (433 1/8 Neff-OH) @ 1001: nx of cyclone approaching Australia (444 2/1 Brown-IL)
 6840 0857 VJY Darwin: EE: ABC theme and nx; USB (poor 12/18 Moman-ALB)
 7215 1300 RA: EE: orch mx; TP, wld nx (433 1/5 Rocker-MS)
 9580 0601 RA: EE: wld nx; "Australia Tonight" (343 1/9 Kerrigan-IL) also hrd btwn 1103 and 1430 by (Falbo-OR)(Hunt-NC)(Robinson-TN)(Hesch-NY)(Ruhe-PA) (Perlmutter-MA)(Alexander-NJ)(Bingham-MA)
 9610 1400 VLW9 Perth: EE: wld nx; pgm of oldies US mx incl song sung by Marilyn Monroe (444 1/18 Hunt-NC)(242 1/10 Orr-FL) @ 2330 w/ABC nx; // vy weak 15425; odd time to hear them (good 1/23 Sheedy-CA)
 9645 1303 RA: EE: wld nx, QRM de TIFC (222 1/5 Rocker-MS)
 9660 0635 VLQ9 Brisbane: EE: live cricket match btwn Australia & India; QRM de R. Australia on 9655 after 0645 (344 1/26 Rocker-MS) @ 1325 w/phone-in tlk show (good 2/5 Thunberg-PA)
 9680 1340 VLH9 Lyndhurst: EE: "The Firebird Suite"-1927 recording by Philadelphia Symphony (one of my favorite class. pieces); ABC ID (2/5 Thunberg-PA)
 11720 0745 RA: EE: "The Week in Science" (444 Marshall-AZ)
 15160 0640 RA: EE: tlk on Australian disaster relief; "Letters to the Editor" (443 Neff-OH) @ 2248 w/pop mx pgm; wld nx @ 2300 (232 1/18 Westenhaver-QUE)
 15320 2235 RA: EE: Aust'l Music Hall (444 1/20 Brown-IL) "Astronomy Report" (454 2/1 Thompson-NM) pop mx (444 1/14 Stephenson-CA) @ 0325 w/OM telling a story of his youth in the bush; //15160 (444 1/14 Zirkelbach-CA)
 15395 0015 RA: EE: tlk of Sikh minority problem (444 1/14 Stephenson-CA)
 17750 0108 RA: EE: wld nx; // 15395 (fair 1/18 Sheedy-CA)
 17795 2155 RA: EE: IS, and as bcst to SE Asia (333 1/4 Brewer-AR) nx, "International Report": "Desert Island Books" (333 1/12 Stanley-AZ) @ 0056 w/ "Australia Today"; into FF @ 0100 (444 1/14 Stephenson-CA)

GUAM

9870 1303 KTWR: EE: Bible Study pgm; QRM de R. Moscow on 9875 (223 1/12 Soomre-MA)

MARIANA ISLANDS

11900 1040 KYOI: EE/JJ: YL in JJ & OM in EE w/rock mx (333 1/23 Denton-KY) bach-CA)
 15325 0100 KFBS: EE/IN?: EE ID; strange sounding relg mx w/"Amens"(333 1/11 Zirkel-15405 2310 KYOI: EE/JJ: "All day, all night, Super Rock KYOI"; plaintive plea for money to keep stn on air (433 1/14 Zirkelbach-CA) @ 2200 (Soomre-MA)

NEW CALEDONIAR. Noumea

7170 0847 R. Noumea: FF: mx pgm (233 1/5 Hawk-VA) more details please..ed

NEW ZEALANDR. New Zealand Intl

17705 0400 RNZI: EE: tlk of NZ/US relations abt nuclear subs; EZL mx; signal fades after 0430 (333 1/16 Zirkelbach-CA)

PAPUA NEW GUINEA

2376 1310 R. Simbu: PD: super Melanesian mx pgm; clr ment of Kundiawa @ 1330; 1335 f/out (232 1/22 Forsgren-WI)
 3235t 1344 R. West New Britain: PD: drums & chanting to 1356 then OM tlk to 1400 f/out (121 1/25 Atkins-WA)
 3245 1315 R. Gulf: PD: nice lcl mx; clr ID @ 1319 (222 1/24 Forsgren-WI)
 3260 1334 R. Madang: PD: US pop mx; OM tlk; QRN (121 1/25 Atkins-WA)

PAPUA NEW GUINEA cont.

3275 1310 R. Southern Highlands: PD: lcl vcl mx; OM w/ments of "Provincial Svc, & Kundu Svc"; quick ID @ 1327 (2+32 1/30 Forsgren-WI)
 3305 1320 R. Western: PD: '50s R&R mx; ID "NBC Prov. Svc from Daru"; Ute QRM (222 1/25 Forsgren-WI) WI)
 3360 1320 R. Milne Bay: EE: pop mx to 1359*; ID as "Prov. Svc" (322 1/21 Forsgren-3385 0850 R. East New Britain: PD/EE: YL in PD; EE nx @ 0900 (232 2/4 Atkins-WA)
 4890 1250 NBC Port Moresby: EE: EZL mx to "11 o'clock nx" @ 1300 (434 2/4 George-MA) top 40 mx @ 1322 (222 1/20 Kephart-M1) TC, ID @ 1359, NA & 1400* (232 1/21 Sampson-WI)

SOCIETY ISLANDS

R. Tahiti

9747.5 0315 RT: FF: mod FF pop mx; // better 11826 (333 1/23 Denton-KY)
 11825 0123 RT: FF: FF pop mx pgm w/YL ancr (433 1/21 Stanley-AZ)(322 Stephenson-CA)
 0505 RT: FF: OM w/nx of Shuttle Challenger disaster; YL in TAHITIAN w/island mx @ 0515 (333 1/29 Thompson-CA) MO)
 11826M 0344 RT: FF/TAHITIAN: pop mx; YL w/TAHITIAN ID @ 0400 (343 2/11 Waelterman-15170 0125 RT: FF: pop mx in FF & EE (333 1/17 Stephenson-CA)
 15171 2305 RT: FF: long tlk by OM; no het-freq is exact (354 1/5 Rocker-MS)

SOLOMON ISLANDS

Solomon Islands Broadcast Corp

5020 0720 SIBC: EE/PD: pop/island mx; ID @ 0732 (232 2/1 Blair-CA) @ 0810 EE: Community Service pgm (232 1/21 Grussling-ID) tlk abt prison systems; QRM de PRC after 0840 (353 to 333 1/29 Donegan-CA)
 1222 SIBC: EE: end recorded pop mx pgm; theme mx, lcl OM ancr in accented EE w/personal hellos to some listeners (353 1/20 Quaglieri-NY) @ 1235 w/OM tlk in PD, EE TCS, western pop mx (222 1/25 George-MA)
 9545 0635 SIBC: EE: OM w/lcl PSAs & US pop mx; TC as UTC +11 (343 1/26 Rocker-MS)
 0721 SIBC: EE: pop mx, ads for supermarket & refrigerators; nx @ 0730 (232 1/27 Orr-FL)

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[DX A/O] In the Nov 85 DX A/O segment I provided info on the best times to listen for Asian SW stations. Included was a brief mention of listening for a station at its or your local sunset/sunrise (SS/SR) time. This month I will elaborate more on the subject, known as Grayline DXing. Some of the following info is extracted from an excellent article "Listening to Far China from the Atlantic Northeast" by David Newkirk and included in his ENJOYING RADIO section of DX LISTENING DIGEST (issue #2).

When the sun is setting where you are, it is rising somewhere else, and vice versa. When it is sunset or sunrise where you are, the place where the opposite is occurring is also on the terminator, the dividing line between light and dark on the globe. A mysterious propagation mode of great value to SW enthusiasts is that of "grayline propagation". Simply put, grayline propagation is afforded by the enhancement of signals travelling along the terminator between points along the terminator. This enhancement is of particular value to Asian DXers in Eastern & Central Nam, as both their SS & SR lines pass through many Asian countries. Grayline enhancement of SW signals is normally good for approx. 1/2 hour before to 1/2 hour after your local SS/SR times, so you are provided with two-one-hour "windows" each day when Asian DX is at its optimum.

Utilizing the SS/SR times for Boston & Chicago, I have come up with a list of possible Asian DX targets to shoot for in mid-March from Central & Eastern Nam.

BOSTON SUNRISE (1023-1123 GMT)

Australia (Western): Perth, Carnavon
Indonesia: Bali, Banjarmasin, Pandang
Kampuchea: 9695 or 11938 kHz
Laos: many regionals, see sked this issue
E. Malaysia: R. Kuching-Sarawak
Mongolia: R. Ulan Bator
Thailand: try 7115 kHz
USSR: Irkutsk along terminator
Vietnam: VOV and regionals

CHICAGO SUNRISE (1130-1230 GMT)

India: Gauhati on terminator
Nepal: R. Nepal now on 3230, 5005 kHz
Tibet: Lhasa (part of P.R. of China)
USSR: Krasnoyarsk on terminator

CHICAGO SUNSET (2312-0012 GMT)

Burma: BBS-actually better at sunrise-I forgot to include it above.
P.R. China: Urumqi Prov.
India: Gauhati
Indonesia: Pandang
Laos: most regionals on at this time
Malaysia: Kuala Lumpur
Thailand, Vietnam
USSR: Krasnoyarsk, Irkutsk

BOSTON SUNSET (2205-2305 GMT)

All the above plus:
P.R. China: Beijing & Fujien Prov.
Indonesia: add Jakarta & Ujung Pandang
Koreas: R. Korea w/EE @ 2200 on 6480
 gd indicator when prop. favorable

Your success rate will depend on more than grayline enhancement, but I'm sure if you do your Asian DXing at sunset or sunrise, you will increase your country/station heard count. Give it a try! Many thanks to all contributors & HAPPY EASTER! 73s,

Bob

日本レポート

Japan Report.

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

Welcome to an expanded edition of the Japan Report. Expanded because of a recent trip to Southeast Asia during which I occasionally DXed with an ICF-200L receiver. For this month only QTH abbreviations will include; TH-Thailand, BU-Burma, HK-Hong Kong and, of course JP-Japan. Before I get to the loggings I'll present information courtesy of SPEEDXer Koji Yamada in Tokyo.....

Koji reports that, as of March 2, 1986, Deutsche Welle's Japanese language program will run 1100-1150 UTC, altered from the present 1130-1230 schedule. Realizing that the planned DW change would overlap with the BBC's Japanese programs, currently on the air 1100-1130, he wrote to DW and received a reply from Japanese program manager Klaus Altendorf, which sheds some light on the situation DW is faced with in Sri Lanka.

"We tried to convince our technical director that this earlier start of our program parallel to BEC's Japanese broadcast couldn't but have bad effects on the number of our potential listeners. But he didn't see a way out of this dilemma because the restructuring of DW's broadcasting schedules had progressed too far into it's final state. There would have been a slim chance of reconsidering the Japanese starting time (if) there hadn't been the latest trouble around our relay station near Trincomalee. The guerilla warfare in the region didn't leave DW another alternative but recalling their staff from the station to more secure areas in Sri Lanka...only minor damage has been done to the station building, (broken windows, broken doors and furniture, stolen tools, emptied fuel tanks), whereas the transmitters and antennas seem to be still intact, but because the installation cannot be properly maintained a relatively long period of checking and repairing will be expected as soon as the situation around the station is calm and peaceful again...I personally don't think that our broadcasts via Sri Lanka will be on the air earlier than autumn next year." (autumn '86 I suppose-rmf.)

Koji also reports that the BBC's morning Japanese broadcast to East Asia will be on the air 15 minutes earlier, as of March 31st, from 2145-2215 UTC due to the expansion of the Indonesian program from 15 minutes to half an hour (2300-2330). How about the frequencies for these bests in your next report? rmf.

Our Tokyo monitor has found a South Korean time station with call letters HLA, operating on 5000 khz w/ 2 kw of power. The station bests between 0100-0800 UTC and was logged while JJY, Tokyo was off the air. A Korean announcement for 10:38 local time was heard...more from Mr. Yamada if space allows.....

A L B A N I A

9375 1502 R. Tirana: GG YL tlk, dramatic classical mx (fr-pr, 1/21 JP)

A U S T R A L I A

15365 2350 R. Australia: INDO w/EE pop mx, OM Dj, ID, nx (gd, 1/18 JP)
15425 0531 VLW 15 ABC Waveroo: EE nx, wx "fair with sea breezes", cricket-match coverage (fair, 1/16 JP)

B U R M A

7185 Q205 Burma Broadc. Service: EE YL world nx, ID, wx for Rangoon and the Bay of Bengal (excellent, 1/27 TH)

C A N A D A

9570 2257 R. Canada Intl.: rock mx, definite RCI IS, tlk-- but copy too difficult to ascertain language (poor-unusable, 1/14 JP)

C H I N A (PEOPLE'S REPUBLIC)

2310 1425 Yunnan PBS: CC OM chanting, SEAsian mx, YL ID, 1429* (fr, 1/29 TH)
2460 1432 Yunnan PBS: CC drama w/ OM-YL dialog, CC mx, QSB (poor, 1/29 TH)
3260 1250 Guizhou PBS: CC OM/YL tlks, oriental flute mx (pr-fr, 2/6 HK)
6290 *1330 R. Beijing: Lao IS, OM/YL IDs, mx, mx, 1430* (fr-gd, various JP)
7225 0945 Sichuan PBS: CC w/ EE rendition of "We Shall Overcome", YL tlk and ID (fair-good, 1/27 TH)

Part II next page

C Z E C H O S L A V A K I A

11990 1445 R. Prague: EE sports report, YL ID, tlk on "social consumption, nx brief, 1455* (good, 1/27 TH)

E G Y P T

9740 0035 R. Cairo: AA recitations, mx, 0100 SS ID & RC theme mx (pr-fr, 1/12)

I N D I A

6035 0026 All India Radio, Delhi: Indian trad. mx, EE YL ID, OM w/ listener's letters. co-channel Dwellie QRM (fair, 1/26 TH)

6155 *0130 AIR, Delhi: IS, Nepali ID, OM nx, instrumental mx (fr, 1/27 TH)

9545 1340 AIR, Aligarh: EE YL comment on Pope's visit, pgm sked, ID, trad. marriage songs (fair-good, 2/1 BU)

11715 0054 AIR, Aligarh: Ravi Shankar sitar mx, EE ID, nx -- some co-channel Cairo QRM noted (fair-good, 1/15 JP)

11740 0055 AIR, (Site?): Indian folk songs, EE ID, world mx (gd, 2/2 BU)

15160 *0730 AIR Home Service, Delhi: after Australia s/off, IS, EE OM world nx into UNID lang (poor-fair, 1/16 JP)

17805 *0315 AIR, Aligarh: IS, Hindi YL s/on w/ID, Indian mx (fr-gd, 1/12 JP)

I N D O N E S I A

3250t 1320 RRI Banjarmasin: INDO YL/OM vocals, tent OM ID at 1330 (pr-fr, 2/1 BU)

K A M P U C H E A

6090 1315 VOPeople of Kampuchea (HS): Cambodian indigenous mx, "Phnom Penh" and "Kampuchea" IDs, tlks (fair-good, 1/24 TH)

L A O S

6700t 1330* Xieng Khouang: Lao? caught slow-tempo SEA mx, YL s/off announcement (fair, 2/6 HK)

M A L A Y S I A

9750 0822 VOMalaysia Kajang: instrumental mx, EE YL ID, brief sked, IS into Bahasa Malaysia (fair-good, 1/29 TH)

N E P A L

7165t 0915 R. Nepal: Nepali YL/OM duets accompanied by tabla, flutes & other instruments, tlk but no ID heard (fair, 1/27 TH)

M O R T H E R N M A R I A N A I S L A N D S

15325 *0015 KFBS: U/lang YL "KFBS, Saipan" ID, rock mx, Xtian mx, OM tlk (good, 1/26 TH)

P H I L I P P I N E S

9578 0030 Maharlika Broadc. System: EE/Tagalog mediumwave relays of national nx incl reports on (upcoming) elections & New People's Army guerilla operations (good, 1/15 JP)

9670 1434 FEBC: EE ID into religious tlk & singing (good, 1/26 TH)

11850 1333 FEBC: EE YL world mx, ID (good, 2/6 HK)

15350 0813 FEBC: EE religious tlk, Australian-accented YL w/ID, "Today" program (fair, 1/29 TH)

S O V I E T U N I O N

7420 2240 R. Magallenes (Minsk?): SS OM tlks on "Pinochet" & "Norte Americanos", ID to Chile (fair, 1/14 JP)

S R I L A N K A

11710 0258 VOA relay, Colombo: EE freqs., ID, world nx (fair-good, 1/26 TH)

T H A I L A N D

4830 1300 R. Thailand (HS): Thai OM tlks, nx, mx // 6070 (exc, various TH)

V I E T N A M

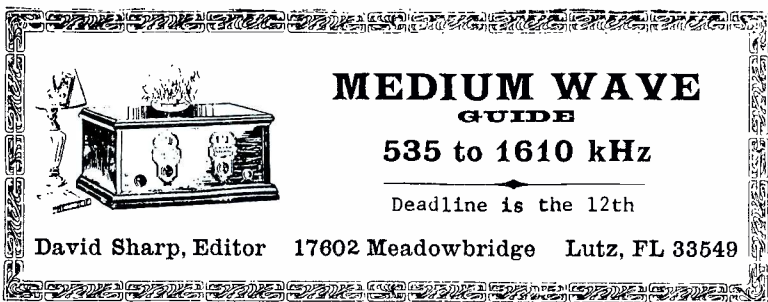
4770 0003 VOVietnam: VV YL tlk into discussion w/OM, mx (fair 1/26 TH)

6685 1310 Bac Thai: VV 2 OMs discussion, YL mention of "Vietnam", choral singing, YL "Bac Thai" ID at 1328* (good, 2/6 HK)

12025t 0135 VOY: long VV tlks, VV mx, sudden 0155*— does not appear to be R. Beijing but if Vietnam it is off-freq (12035) & unsked for this time. Anyone have an idea? rmf.

Recent monitoring shows the following 15mb broadcasts audible in Japan; Radio Pyongyang/EE/13650/0600-0750 UTC, Radio Moscow/CC/13625/0600-0800 UTC, & Radio Baghdad/AA/13700/time not reported. (Yamada)

Thanks again to Koji Yamada for his reports & also thanks to Rick Drollinger for allowing me a second page this time around. Until next time Sayonara! rmf.



MEDIUM WAVE GUIDE

535 to 1610 kHz

Deadline is the 12th

David Sharp, Editor 17602 Meadowbridge Lutz, FL 33549

Welcome to MWG. Lots of good loggings this month.....

- 173 Medi 1 Nadar, Morocco/0723/FF/Good, with FF ads, tx & popular mx. 1st
 LW TA in abt 18 yrs. (1-20 Holbrook-MD) Thought I'd include it because it's a great logging! ds.
- 540 CBK Regina SK/0203/ID "Radio 540 Saskatchewan," wx (322 Klopfenstein)
- 550 CHLN Trois-Rivieres PQ/2318/FF/ID, "L'Informateur economique" syndicated money program (433 1-16 Westenhaver-PQ.)
- 550 CKCB Vancouver BC/0411/Pop mx, OM DJ, ID (222 1-12 Dave Klopfenstein)
- 560 KSFO San Francisco/0235/ID, tx, mx request show (322 D. Klopfenstein)
- 580 KFXG Boise ID/0240/pop mx, musical ID (I bet you meant jingle. ds.) as "5-8 K-F-X-G." (222 1-18 Klopfenstein-OR.)
- 620 WWNR Beckley WV/0010/Promo and contest ID (gd 1-1 Robert Ross-ONTARIO)
- 630 WPRO Providence RI/0248/YL fortune teller doing card readings for people who phoned-in! (222 2-1 Westenhaver-PQ)
- 640 YVQO Venezuela/0105/SS/mx, "La cancion de la semana." (433 George-MA)
- 650 HRVW Honduras/0150/SS/Spanish pop mx, very good (1-2 R. Ross-ONTARIO)
- 670 KBOI Boise ID/0502/Mutual nx, ad, wx, oldies mx (232 D. Klopfenstein)
- 670 YVLL Venezuela/0342/SS/OM nx, no ID, but //4970 (222 2-2 Streeter-NY); 0058/SS/Rumba mx, many IDs (424 1-28 George-MA)
- 680 KNBR San Francisco/0316/Horse racing nx, pgm: "Sports Phone 68," calls about S.F. sports (333 1-18 David Klopfenstein-OR.)
- 684 R. Nac. de Espana Spain/0504/SS/YL tx, OM with ID, ancmts, into a pgm of ballads at 0508 (333 1-19 Streeter-NY)
- 690 UNID./0325/ads for sx events in San Diego, who is this? (Klopfenstein)
- 700 HJCX Cali Colombia/0302/SS/ID as "Sutatenza." (gd 1-3 Robert Ross - ON)
- 700 KVOI Oro Valley AZ/0513/ID "EZ listening KVOI 700" (222 Klopfenstein)
- 703 R Rebelde Cuba/0159/SS/SS and EE pops, OM DJ, //710 (1-2 Robert Ross)
- 710 KIRO Seattle/0538/ads, "Talk-Net" pgm, ID, phone # given: 800-423-4141. (343 1-12 Klopfenstein-OR)
- 720 KDWN Las Vegas/0600/ID "Voice of the West..." (322 1-12 Klopfenstein)
- 720 YVQL Venezuela/0055/Radio Vision jingle, SS tx & mx (vg 1-3 Ross-ON)
- 720 HJAN Barranquilla Colombia/0109/Long tx by SS OM, many ments of Barranquilla, over YVQL (vg 1-3 Robert Ross-ON)
- 720 RJR Kingston Jamaica/0215/Reggae mx, OM DJ (fr 1-3 Ross-ON.) Robert, I think we'll call you the "720 Man" from now on, hi! ds.
- 750 YVKS Venezuela/0112/SS/quick tx by OM, ads, frequent IDs. (344 1 - 28 George-MA)
- 760 WCHP Champlain NY/1945/EE-FF/West Indian YL preaching w/Quebecois OM translating into FF after every phrase. (354 1-19 Westenhaver - PQ)
- 780 KROW Reno NV/0346/C&W mx, ID "78 KROW" (333 1-8 David Klopfenstein-OR)
- 790 KGHL Billings MT/0603/ABC nx, ads, ID as KGHL (David Klopfenstein-OR)
- 800 PJB Neth Antilles/0304/Caribbean news (434 1-28 George-MA)
- 825 R Paradise St. Kitts/0115/Bible reading by Everett Dirksen (George-MA)
- 850 KOA Denver/0350/ID "KOA Denver," into tx show (David Klopfenstein-OR)
- 870 KAIM Honolulu HI (t)/0351/2 OM DJs, tx, song "Sheila," ID at 0355 may have been KAIM (pr Klopfenstein) How about some of our ace listeners out HI-way helping Dave get a positive ID? ds.
- 870 WKAR E. Lansing MI/2130/Tx, phone-in show, ID on 1/2 hr (vg Robert Ross)
- 885 ZJB Plymouth Montserrat (t)/0151-56.0M DJ in Carib. accent, into calypso-type mx, not hrd after 0200...WRTH shows 0200* (pr-fr Ross-ON)
- 900 WILC Laurel MD/1650/local ex-WLMD. Now all SS. (12-24 Holbrook-MD)
- 940 XEQ Mexico DF/0410/SS/OM with ballads pgm (322 2-7 Streeter-NY); 0235/SS/"La Q de Mexico," into SS pop mx. (vg 1-4 Robert Ross-ON)

- 990 CBW Winnipeg MAN/0250/interview program, ID, news (322 1-29 Fisher-MA)
- 1000 KOMO Seattle/0612/jazz, Barbara Streisand song, ID as "KOMO Stereo," YL DJ, ads (444 1-12 Klopfenstein-OR)
- 1010 CBC Calgary AB/2345/Sid Caesar interview, ID (343 David Klopfenstein)
- 1020 KDKA Pittsburgh/2356/telephone talk show abt abortion (444 1-16 Don Brewer-AR)
- 1020 YVRS Venezuela/0543/SS/Briefly faded up with OM tx, ID, into lively mx (222 2-7 Streeter-NY)
- 1030 KTWO Casper WY/0621/ads and pop music (333 1-26 Falbo-OR)
- 1035 R Comercial Lisbon Portugal/0553/PP/OM tx w/freq. IDs, electronic sound effect at 0600, possible ads, mx at 0605 (232 1-18 Streeter-NY)
- 1044 RTVM Sebaa-Aioun (t)/0456/AA/AA mx, OM tx, no ID (222 1-19 Streeter)
- 1070 CHOK Sarnia ON/05307/Country and EZ rock mx, community ancmnt, ID given as "K70 CHOK," (232 1-31 Westenhaver-PQ)
- 1080 KRDL Dallas/0245/ID, then into nx and wx items (vg 1-4 Robert Ross)
- 1120 KMOX St. Louis/2350/Author being interviewed (343 Westenhaver-PQ)
- 1120 KPNW Eugene OR/2218/Pop mx, ID, into more mx (333 David Klopfenstein)
- 1130 CKWX Vancouver BC/0625/C&W mx, ID "Country mx radio, WX 1130," mx, ad, another ID (232 1-12 David Klopfenstein-OR)
- 1130 KWKH Shreveport LA/0320/car dealer ad & country mx (343 D.McCants-AL)
- 1160 KSL Salt Lake City/0640/songs and wx (333 1-28 Falbo-OR)
- 1160 WJJD Chicago/2308/Songs by Perry Como/Rosemary Clooney (Westenhaver)
- 1180 WFKB Florence KY/2210/In and out with hvy WHAM QRM (Hank Holbrook-MD)
- 1190 WANN Annapolis Md/2144/Soul mx, jingle ID, f/o 2155 (Westenhaver-PQ)
- 1190 WOWO Ft. Wayne/2241/pop mx, ads, wx, 480 (343 1-16 Westenhaver-PQ)
- 1190 CHTN CharLottetown PEI/2300/EZL vocals, many IDs, well-spaced ads. Predominating over WOWO (232 1-17 Westenhaver-PQ)
- 1200 CFGO Ottawa/1920/Lcl entertainment & concert update (pr Robert Ross)
- 1250 CBOF Ottawa/2306/FF/Local nx, ntwk phone-in from Montreal on smoking in the workplace (232 1-16 Westenhaver-PQ)
- 1314 Radio Norway/0541/NN/YL with pgm of pop mx, OM DJ, electronic sound effect & YL with nx at 0600 (333 1-19 Streeter-NY)
- 1350 KIP0???/2242/country mx, only partial ID hrd, ad for KC Lumber Co., faded at 2250 (211 1-13 Klopfenstein-OR)
- 1480 WPWC Quantico VA/1703/Gd here days, much better since shift to this frequency (gd Hank Holbrook-MD)
- 1510 WMRE Boston/0352/ad for antique show at lcl hotel (222 1-28 Shaffer)
- 1520 WVKB Buffalo NY/0717/Hrd with "Talk Net" show (Hank Holbrook-MD)
- 1555 R Cayman/0318/Hrd on portable radio while at work; lots of lcl & pop mx, YL ancr, IDs as "Radio Cayman," (poor 2-14 Sharp-FL)
- 1560 KPMC Bakersfield CA/0705/ID "KPMC, 10,000 watts of clear power, Bakersfield, CA," tx show on income taxes (444 1-26 Falbo-OR)
- 1570 CKTA Taber AB/0520/Religious pgm, wx rpt, ID at 0529 (333 1-27 Falbo)
- 1590 CFDQ Naniamo BC/2207/ads, sports nx, ID, pop mx (David Klopfenstein)
- 1610 Caribbean Beacon Anguilla/0230/non-stop sermon, ID, QSB in-and-out... (333 1-9 Brewer-AR) :0220/religious tx, ID and TC (434 1-16 George-MA)

Rumor Dept: News is that WRFA (ex-WSSST), Largo, FL, will change frequency from 800 to 830 kHz, up power to 50/10 kW, and change from a religious to country format. It is my understanding that "RFA" will stand for "Radio Free America." WHBO, 1040 kHz, also has plans to broadcast in stereo and operate 24 hours.

Guess that is all. If you didn't see your logs, they probably got here too late for inclusion. Look for 'em next month. 73s de ds!

David

I GET ENOUGH EXERCISE PUSHING MY WEIGHT AROUND, HI!

QSL REPORT

EDITOR:

DEADLINE: 12th

RAY FORSGREN
RT. #4, BOX 213
CHIPPEWA FALLS, WI.
54729

Hello everyone, and welcome. Here it is March already...I know one thing, Spring will sure be welcomed here!! What a turn out this month, 44 contributors!! Thanks to all.

We've got a total of 80 countries reported, with some dandy QSLs.

AFRICA

/ANGOLA/ Radio Nacional: 4950 f/d "Logo" cd. in 41 ds. via registered mail for a PP rpt. and 2 ircs'. V/S Luzia Fancony. (Mahoney-FL).

/ASCENSION IS./ BBC Relay: 6005 f/d ltr. in 111 ds. surface for 2 ircs' V/S S. Hurst, Eng. (Zirkelbach-CA). 15260 ltr. w/ photo in 214 ds. for an irc. (Thompson-NM). 17885 same in 6 mo. for \$1. (Yaeger-PA). 21660 ltr. in 47 ds. for 2 ircs'. (Brown-IL).

/BENIN/ ORTB: 4870 f/d "Logo" cd. in 52 ds. for a FF rpt. and ms. (FL-Mahoney). same in 85 ds. for a Tri-lang. rpt. and an irc. (Gerstner-NY).

/BURKINA FASO/ Rdif. Nationale du Burkina: 4815 f/d ltr. in 51 ds. for a FF rpt. and 2 ircs'. (George-NC). f/d form ltr. in 60 ds. for a FF rpt. and 2 ircs'. (Wilkins-CO). same in 83 ds. for an EE rpt. and 2 ircs'. (MA-Welch). in 85 ds. for a FF rpt. and 2 ircs'. (Downing-CO).

/CHAD/ Rdif. Nationale Tchadienne: 4904.5 f/d cd. in 138 ds. for an EE-FF rpt. and 3 ircs'. (Weber-OH).

/DJIBOUTI/ RDTV de Djibouti: 4780 p/d "Logo" cd. in 15 ds. for a FF rpt. and \$1. (Forsgren-WI).

/EGYPT/ Radio Cairo: 9475 f/d "Statues" cd. in 6 mo. (Cole-CO).

/EQUATORIAL GUINEA/ Radio Africa: 15106 f/d ltr. in 323 ds. for \$1. V/S Gene Grassie. (Yaeger-PA).

/GABON/ Africa No. 1: 4810 p/d "Logo" cd. in 76 ds. for a FF rpt. and ms. (George-MA). Radio Mondiale Adventiste: 9630 via Africa #1 f/d ltr. in 99 ds. for ms. V/S Daniel Grisier. Sent to Ivory Coast office. (PA-Yeager).

/GHANA/ GBC: 3366 f/d "Jubilee" cd. in 79 ds. for 2 ircs'. (Gerstner-NY)

/LIBERIA/ ELWA: 4760 f/d cd. in 38 ds. for \$1. V/S F. Manuel. (Forsgren-WI). VoA Relay: 3990 f/d "Challenger" cd. in 5 wks. (Kusalik-AB). 6045 same in 6 ds. (Brown-IL). 7280 f/d "Statue of Liberty" cd. in 13 ds. (IL-Brown). 11720 same in ? ds. (Brown-IL). 15580 cd. in 6 ds. (Neff-OH). 15600 cd. in 47 ds. (Westenhaver-QU).

/LIBYA/ Radio Jamahiriya: 15450 f/d "Rainbow" cd. in 77 ds. for an irc (George-MA).

/MALI/ RDTV Malienne: 4783 f/d "Map" cd. in 29 ds. for a Tri rpt. and an irc. (Gerstner-NY). same in 44 ds. for 2 ircs'. (Welch-MA). in 50 ds. for a FF rpt. and 2 ircs'. (Trummel-FRG). in 55 ds. for a FF rpt. and ms (Yeager-PA). 4783, 4834 cd. in 56 ds. for a FF rpt. and 2 ircs'. (NC-George).

/MAURITIUS/ MBC: 9710 date only cd. in 79 ds. for 2 ircs'. (George-NC).

MOROCCO RDTV Marocaine: 15335 p/d cd. in 32 ds. after f-up for a EE-FF rpt. and 2 ircs'. (Weber-OH).

MOZAMBIQUE Radio Mocambique: 3338 f/d "Globe" cd. in 65 ds. for a PP rpt. and 2 ircs'. (George-NC).

NAMIBIA Radio S.W.A.: 3270 f/d "Mountain fire" cd. in 106 ds. for an irc. (Ziegler-ME). "Aloe" cd. in 137 ds. (Weber-OH). 3295 f/d cd. in 88 ds. for an irc. (Gerstner-NY). in 115 ds. for 2 ircs'. (George-MA). in 131 ds. (Weber-OH). in 145 ds. for 2 ircs'. (Evans-TN).

RWANDA Radio Rwanda: 3330 p/d form ltr. in 43 ds. for a FF rpt. and \$1.V/S Gamaliel Rwigema-Chef de Section Documentation et Censure. (WI-Forsgren).

SENEGAL ORTS: 4890 f/d "logo" cd. in 30 ds. for a FF rpt. and 2 ircs (Trummel-FRG).

SOUTH AFRICA Radio RSA: 4990 f/d "Snails" cd. in 20 ds. (Brown-IL). 6010 f/d "Elephant" cd. in 21 ds. (Moll-MI). 7270 cd. in 25 ds. (Brown-IL). 9615 cd. in 22 ds. (McCants-AL). same in 25 ds. (Westenhaver-QU). "Hugenot" cd. in 25 ds. (Moll-MI). 17780 "Zebra" cd. in 30 ds. (Brown-IL).

SWAZILAND TWR: 9550 f/d folder cd. in 27 ds. for an irc. (Gerstner-NY)

TUNISIA RTVT: 7225 p/d ltr. in 41 ds. for 2 ircs. V/S S. Ennaifer, Le Directeur de l'Exploitation. (George-NC).

ZAIRE Radio Candip: 5066 p/d cd. in 7 mo. after f-up for a FF rpt. and ms. (Kusalik-AB). La Voix du Zaire: 15245 f/d personal ltr. in 169 ds. after f-up for a FF rpt. and ms. V/S Ayipam Muan-a-ngo, Le Directeur des Programmes. (Streeter-NY).

ASIA

BANGLADESH Radio Bangladesh: 15525 f/d ltr. w/ cd. in 62 ds. for 2 ircs. V/S Kazi Rafique-Asst. Dir. (George-NC).

CHINA CPBS-1: 4905, 5860 f/d cd. w/ calendar in 16 ds. (D'Angelo-PA). 4905 f/d cd. w/ calendar in 29 ds. (Gerstner-NY). Radio Beijing: 9550, 9730 f/d cd. w/ calendar in 2 wks. (Donegan-CA). 9820 f/d cd. w/ goodies in 17 ds. V/S Chen Yu. (Soomre-MA). same in 22 ds. (Grussling-ID). 15385 f/d cd. in 52 ds. (Brown-IL). 15520 cd. in 23 ds. w/ calendar. (Falbo-OR). cd. w/ pennant & sked. in 24 ds. (Brown-IL). BPM: 10000 date only ltr. in 24 ds. V/S Yang Huai-xu. (George-NC)...this last one is actually a UTE, which should be sent to Jeff Knapps' column; thanks. rjf

INDIA AIR: f/d cd. in 47 ds. (Coday-CA).

ISRAEL KOL Israel: 7410, 9815 f/d cd. in 2 mo. (Bowden-CA). 9435 f/d "logo" cd. in 33 ds. (Bishop-NY). f/d cd. in 34 ds. (Brown-IL). same in 7 wks. (Bowden-CA). same w/ info pack in 58 ds. (Brown-IL). 9440 f/d cd. in 75 ds. (Brown-IL). 11605 f/d cd. w/ info pack in 62 ds. for 3 ircs. (QU-Westenhaver).

JAPAN FEN: 3910 p/d cd. in 36 ds. for ms. (Weber-OH). Radio Tanpa : 3925 f/d cd. in 53 ds. for 3 ircs. (Weber-OH). Radio Japan: 5990 p/d "Festival" cd. in 36 ds. (Zirkelbach-CA). 9505 p/d "Lights of Hakodate" cd. w/ info in 17 ds. (Thompson-NM). 9645 p/d cd. in 23 ds. + info. (Bishop-NY).

KAMPUCHEA Voice of Kampuchea: 9695 f/d form ltr. in 217 ds. after 2 f-ups for 2 ircs. (Wilkins-CO). 11938 same w/ sked. & stamps in 721 ds. after f-up for 2 ircs. (Symington-OH)...nice one gents!! rjf

MALAYSIA Radio Malaysia: 4950 via Kuching f/d "Broadcasting House" cd. in 27 ds. for \$1. (Coday-CA). same in 31 ds. for an irc. (Thompson-NM).

Hope you're enjoying the great selection of QSLs'...much more yet to come!

/PHILIPPINES/ VoA Relay: 6110 f/d "Statue" cd. in 13 ds. (Thompson-NM). 9770 Tinang f/d cd, in 10 ds. (Sheedy-CA). 15290 f/d cd. in 13 ds. (IL-Brown). 15600 f/d cd. in 13 ds. (Brown-IL)....thought this freq. was Monrovia??? rjf

/QATAR/ OBS: 9905 f/d "logo" cd. w/ goodies in 58 ds. after 2 f-ups for 2 ircs. V/S Jassem Mohd. Al-Qattan. (Mahoney-FL). same in 58 ds. for 2 ircs. (George-NC).

/SAUDI ARABIA/ BSKSA: (?) n/d thank you ltr. w/ info in 7 mo. V/S Ali M. Al-Babtain, Dir. (Yeager-PA)...frequency??? rjf

/SOUTH KOREA/ Radio Korea: 7275 f/d "Figures" cd. in 30 ds. (Bowden-CA) 9750 same cd. in 40 ds. (Bowden-CA). 15575 f/d "Asian Games" cd. in 90 ds. for an irc. (George-MA).

/THAILAND/ Bangkok Meteorological Station: 7863 f/d ltr. via registered mail. This after 11 years and numerous f-ups to Station, Embassy, and Radio Thailand. V/S S. Clmlcut at the Post & Telegraph Dept. (Kusalik-AB) Congats Ed; persistence pays off!!! rjf

/UNITED ARAB EMIRATES/ Radio Dubai: 9595 f/d "Map-Logo" cd. w/ sked. in 29 ds. V/S K.F. Fenner. (Westenhaver-QU). 15320 same cd. in 25 ds. (IL-Brown).

EUROPE

/ALBANIA/ Radio Tirana: 7065 p/d "Spirit" cd. in 163 ds. for an irc. (Weber-OH).

/AUSTRIA/ Schulungsender: 5035 f/d cd. in 40 ds. for an irc. (Trummel-FRG)...nice! rjf Radio Austria Int: 6000 f/d "Costume" cd. in 6 wks. (CA-Bowden). same in 74 ds. (Mahoney-FL). in 90 ds. for 2 ircs. (Marvin-CA). same w/ sticker in 3 mo. (Donegan-CA). 15320 cd. in 60 ds. (Brown-IL).

/BELGIUM/ BRT: 5895, 15590 f/d "painting" cd. in 33 ds. (Gerstner-NY). 5910 f/d cd. in 35 ds. (Moll-MI). 9880 f/d "Kortrijk" cd. in 3 wks. (CA-Bowden).

/CZECHOSLOVAKIA/ Radio Prague: 5930 f/d cd. in 43 ds. (Falbo-OR). f/d "Tank" cd. in 46 ds. (George-NC).

/GERMAN DEMOCRATIC REP./ 6070, 15240, 21540 3 f/d cds. w/ many goodies in 62 ds. (Gerstner-NY). 6125 6(!) f/d cds. w/ HUGE goodie pack in 64 ds. (Westenhaver-QU).

/GERMAN FEDERAL REP./ VoA Munich: 9720 f/d cd. in 16 ds. (Gunter-NC). Deutsche Welle: 6040 n/d cd. in 75 ds. (Ruhe-PA). 6130 same in 35 ds. (Brown-IL).

/GREAT BRITAIN/ VoA Woolferton: 6040 f/d cd. in 12 ds. (Brown-IL). same in 18 ds. (Brown-IL).

/GREECE/ ERT- Thessoloniki: 9460 f/d cd. w/ site in 6 mo. for an irc and a taped rpt. (Kusalik-AB). Voice of Greece: 15630 f/d "Music" cd. w/ ltr. in 19 ds. after f-up for 2 ircs. V/S Demetri Pheas. (Weber-OH).

/ICELAND/ ISBS: 9957 f/d cd. in 5 wks. for ms. (Yeager-PA).

/IRELAND/ Breffni Community Radio: 2340 n/d personnel ltr. w/ posters in 2 mo. for an irc. V/S Gerry Bolan. (Trummel-FRG). Boyneside Radio North: 2466 f/d ltr. w/ postcards in 30 ds. for 2 ircs. (Trummel-FRG). These both are veries for harmonics and 'technically' shouldn't be counted, but they are very interesting so I did use them...rjf

/ITALY/ AWR Forli: 6205 f/d "picture" cd. in 21 ds. for 2 ircs. V/S Sandy Hodgson-Sec. (D'Angelo-PA).

/MALTA/ Radio Mediterranean: 6110 f/d "Map" cd. w/ info. in 204 ds. for an irc. (George-MA).

/MONACO/ TWR: 7160 f/d "City view" cd. w/ info in 17 ds. for 2 ircs. (Evans-TN).same in 29 ds. (Coday-CA).

/NETHERLANDS/ Radio Nederland: 6020, 9895 f/d "Flevo" cd. in 45 ds. (AB-Kusalik). 6165 f/d cd. in 2 wks. (Bowden-CA). 9715 cd. in 3 wks. (Bowden-CA).

/NORWAY/ Radio Norway Int.: 11860 f/d "Architecture" cd. w/ sked. in 16 ds. V/S Julling Riokle. (Brown-IL). 15305 p/d "Costumes" cd. in 29 ds. (IL-Brown). 15310 f/d cd. w/ sticker in 35 ds. (George-NC).

/POLAND/ Radio Polonia: 7125 f/d cd. in 5 mo. (Donegan-CA). 7145 f/d "LOT" cd. w/ Certificate in 100 ds. (Card-RI). 7270 f/d cd. w/ goodies in 141 ds. (Gerstner-NY). 9540 same in 48 ds. (Brown-IL). 2 cds. w/ goodies in 87 ds. (Westenhaver-QU).

/PORTUGAL/ RCI Sines: 6015 f/d cd. in 14 ds. (Ross-ON). AWR Sines: 9670 f/d "Antenna" cd. for an irc. (Gerstner-NY).

/SPAIN/ REE: 6125 f/d cd. in 2 mo. (Bowden-CA). 9630 f/d cd. in 56 ds. (Bishop-NY). 15375 cd. in 49 ds. for an irc. (Zirkelbach-CA).

/SWEDEN/ RSI: 9695 f/d cd. in 17 ds. (George-NC). cd. in 3 wks. (Bowden-CA). 15345 f/d cd. in 20 ds. (Welch-MA). same in 30 ds. (Brown-IL).

/SWITZERLAND/ SRI: 9870 n/d cd. in 61 ds. (Gerstner-NY). 9885 same in 70 ds. (Coday-CA). I.C.R.C.: 12035 p/d "Globe-headphones" cd. w/ sticker in 17 ds. for an irc. (Gerstner-NY).

/VATICAN CITY/ Radio Vaticana: 6015 f/d "Ceremony" cd. in 4 wks. (CA-Bowden). f/d "Basilica" cd. in 46 ds. (Ruhe-PA). same in 80 ds. (Gerstner-NY). 11955 f/d cd. in 60 ds. (Bowden-CA). 15120 f/d cd. in 25 ds. (Brown-IL). 15200 f/d cd. in 78 ds. (Brown-IL).

/YUGOSLAVIA/ Radio Yugoslavia: 9620 f/d cd. in 117 ds. (D'Angelo-PA).

U.S.S.R.

Radio Kiev: 15180 f/d "Court" cd. in 3 mo. (Bowden-CA).

Radio Minsk: 7210 f/d folder cd. in 254 ds. for a RR rpt. (Forsgren-WI).

Radio Tashkent: 5945 f/d "Map" cd. & ltr. in 45 ds. V/S Florida Sabirova (Weber-OH). 9600 f/d "Hands" cd. in 45 ds. for an irc. (Ziegler-ME).

Radio Moscow: 6020 f/d cd. via Kiev in 50 ds. (McCants-AL). 12050, 15420 f/d cds. w/out sites in 4-6 wks. (Bowden-CA). 7150 f/d cd. via Lvov in 31 ds. (Forsgren-WI). 6045-Moscow, 12015 & 21740-Yerevan, 6020 & 11770-Kiev, 15305-Tbilisi, 21545 & 12055 & 6130-Armavir, 5910 & 15585-Simferopol, 15135-Vannitsa all in 35 ds. (Yeager-PA).

NORTH AMERICA

/ANTIGUA/ BBC Relay: 6175 p/d ltr. direct in 14 ds. for an irc. V/S James McKay. (Grussling-ID). n/d cd. in 18 ds. (Sheedy-CA).

/CANADA/ CKZU: 6160 f/d cd. in 56 ds. V/S D.J. Horne. (Coday-CA). RCI: 5960 f/d "DIY" cd. w/ sked. in 17 ds. (Kephart-MI).

/COSTA RICA/ Radio Reloj: 4832 p/d "Logo" cd. in 12 ds. for a SS rpt. and 2 ircs. V/S Francisco Barahona G. (Mahoney-FL). 6006 same in 15 ds. for a SS rpt. and an irc. (Gerstner-NY). Radio Columbia: 4850 f/d "Logo" cd. in 31 ds. for a SS rpt. and \$1. V/S Deana Chinchilla. (Coday-CA).

/CUBA/ Radio Habana: 6060 f/d cd. in 90 ds. for a SS rpt. (Bowden-CA). 6090 "Little Train" cd. in 90 ds. (Bowden-CA). 6100 f/d "Playground" cd. in 90 ds. (Bowden-CA). 6140 "Museum" cd. in 90 ds. (Bowden-CA). 9655 cd. in 90 ds. (Bowden-CA). 11760 "Crocodile" cd. in 90 ds. (Bowden-CA).

More Cuba still to come!!

Radio Moscow via Habana: 6000 & 6170 cd. in 35 ds. (Yeager-PA). 11840 f/d cd. in 50 ds. (Romberg-WI). Radio Rebelde: 5025 n/d cd. w/ stickers, business cd, & thank you note. This was for a SS rpt. on reception of thier first day on 5025.V/S Juan B. Hernandez Diaz-Director. (Huffaker-MX). Congrats Carl, this is the first QSL for this one that I've seen ...rjf.

/DOMINICAN REPUBLIC/ Radio Earth via Clarin: 11700 f/d cd. in 90 ds. after f-up for an irc. (Gerstner-NY).

/EL SALVADOR/ Radio El Salvador: 9585 f/d personnel ltr. in 67 ds. after f-up for a SS rpt. and 2 ircs.V/S Luis Aparicio. (Streeter-NY).

/MEXICO/ Radio Universidad de Mexico XEYU: 9600 f/d pfc. w/ ltr. & school nx paper in 27 ds. for a SS rpt. and ms.V/S Eusebio Mejia Maldonado. (Wilkins-CO). XEWW: 9515 certificate, ltr. & pennant in 52 ds. for a SS rpt. and \$1.V/S Lic. Ignacio Martin del Campo-Dir. (George-NC).

/NETHERLANDS ANTILLES/ Radio Nederland: 6165 f/d cd. in 20 ds. (Brown-IL). 9650 f/d cd. in 23 ds. (Brown-IL). 15560 f/d cd. in 43 ds. (Brown-IL) 17605 f/d cd. in 40 ds. (Brown-IL). TWR: 9535 f/d cd. w/ info packet in 30 ds. for 2 ircs.V/S Sally Rork. (Brown-IL). 11815 f/d cd. in 16 ds. for 2 ircs. (George-NC). same w/ sked in 21 ds. for 3 ircs. (Thompson-NM). 15195 f/d cd. w/ ltr. in 21 ds. for 2 ircs. (Weber-OH). same w/ map & info pack in 25 ds. for 2 ircs. (Soomre-MA).

/UNITED STATES/ VoA: 9455 Dixon cd. in 11 ds. (Soomre-MA). via Greenville cd. in 20 ds. (Brown-IL). 9650 f/d cd. in 6 ds. (McCants-AL). via Greenville cd. in 17 ds. (Brown-IL). 11740 Delano cd. in 12 ds. (Wilkins-CO). 15580 Bethany cd. in 47 ds. (Westenhaver-QU). 17785 Bethany cd. in 10 ds. (IL-Brown). Radio Marti: 9525 f/d cd. w/ ltr. in 8 ds. (George-NC). 9660 f/d cd. in 141 ds. (D'Angelo-PA). 11815 cd. in 240 ds. for ms. (Wilkins-CO). 11930 cd. in 12 ds. for a SS rpt. (Mahoney-FL). same 3 mo. after ltr. (AB-Kusalik). same in 202 ds. after n/d ltr. (Soomre-MA). KCBI: 11790 f/d cd. w/ calendar in 11 ds. for ms. (Kephart-MI). same in 14 ds. for ms. (Kusalik-AB). in 18 ds. for ms. (Falbo-OR). 11905 cd. in 9 ds. (Neff-OH). same in 30 ds. for ms. (Ross-ON). Radio Earth via KCBI: 11790 f/d "Curacao" cd. in 86 ds. for ms. (Gerstner-NY). WYFR: 15170 f/d cd. in 60 ds. (Bowden-CA). Voice of Free China via WYFR: 5985 f/d cd. w/ goodies in 20 ds. (Brown-IL). same in 35 ds. (Brown-IL). f/d cd. in 50 ds. (Grussling-ID). AFRTS: 6030 f/d "Seal" cd. w/ sked. in 9 ds. for ms. which was returned.. (Thompson-NM). Voice of the OAS: 9565 p/d cd. w/ info in 25 ds. for a Tri rpt. and ms. (Gerstner-NY). WINB: 15185 f/d cd. in 11 ds. for ms. (Ziegler-ME). KGEI: 15280 f/s "San Fran." cd. in 35 ds. for ms. (MS-White).

OCEANIA

/AUSTRALIA/ Radio Australia: 9580 Shepparton f/d "Seals" cd. in 38 ds. (Brown-IL). f/d "Kookaburras" cd. in 19 ds. (George-NC). "Woodchopping" cd. in 21 ds. for an irc. (Wilkins-CO). 9645 f/d "Black Swans" cd. in 30 ds...this is via Carnarvon... (Gerstner-NY). 9770 Carnarvon f/d "Platypus" cd. in 22 ds. for an irc. (Wilkins-CO). 15395, 17715 f/d cd. in 60 ds. w/ sked. (Trummel-FRG). VLM-4: 4920 f/d "Symphony" cd. in (?) ds. for 2 ircs. (Weber-OH). VLW-9: 9610 f/d "Map" cd. in 53 ds. (Coday-CA).

/COOK ISLANDS/ Radio Cook Islands: 11760 f/d "Conch Blower" cd. in 47 ds. for an irc. (Radtko-CA). same in 90 ds. for 3 ircs.V/S Nooroa E. Tangaroa. (Yeager-PA).

/MARIANAS ISLANDS/ KYOI: 15405 p/d "Bird" cd. in 10 ds. for ms. (Weber-OH). same in 47 ds. For \$1. (Zirkelbach-CA). KTWR: 9820 f/d "Tapes" cd. in 4 wks.V/S Debbie Blosser. (Bowden-CA).

/NEW ZEALAND/ Radio New Zealand: 15150 f/d "Rugby" cd. w/ pennant & sked. in 35 ds. for \$2. (Coday-CA).

Can't get all of Oceania in here...I had to swith back to my old ribbon here, the new one I got started going nuts...It doesn't look as lite as I thought it would.

PAPUA NEW GUINEA Radio Manus: 3315 date only ltr. in 31 ds. for ms. V/S Raka Saini-Sta. Man. (George-NC). Radio New Ireland: 3905 freq. only ltr. in 40 ds. for ms. V/S O. Malatana-Sta. Man. (George-NC).

SOUTH AMERICA

ARGENTINA RAE: 9690 2 f/d cds. w/ sked. and pennant in 51, 58 ds. (IL-Brown).

BRAZIL RadioBras: 11745 f/d cd. in 3 wks. V/S Claudia Carniero. (CA-Bowden). same in 25 ds. (Bishop-IL). in 30 ds. (Bowden-CA). in 33 ds. (Brown-IL). in 36 ds. w/ sked. (Bishop-NY). in 40 ds. w/ sked. for 2 ircs. (CO-Downing). Radio Suriname Int.: 17755 via RadioBras f/d form ltr. w/ info and sticker in 76 ds. for 2 ircs. V/S G.J. Cooman. (Downing-CO). same in 138 ds. (D'Angelo-PA). same in 5 mo. for an irc. (Trummel-FRG). Radiodif. do Amazonas: 4805 n/d cd. in 31 ds. for a PP rpt. and 2 ircs. V/S Jose Joaquim Marinho-Locutor. (Mahoney-FL). Radio Poti: 4965 n/d cd. w/ ltr. in 62 ds. for a PP rpt. and ms. V/S Maria Luiza Marques da Luz. (FL-Mahoney). Radio Cultura Sao Paulo: 17815 p/d ltr. w/ sticker and info pack in 82 ds. for a PP rpt. and ms. V/S Eng. Olimpio Jose Franco. (NY-Streeter).

CHILE Radio Nacional: 15140 f/d cd. in 2 wks. for ms. V/S Carlos Toledo Verdugo. (Yeager-PA). same w/ sticker in 24 ds. for a SS rpt. and \$1. (NC-George).

COLOMBIA Radio Sutatenza: 5095 f/d form ltr. in 135 ds. for a SS rpt. and 2 ircs. V/S Nohora Rodriguez Jimenez. (Wilkins-CO). Radio Macarena: 5975 f/d cd. w/ stickers and personnel ltr. in 115 ds. for a SS rpt. and ms. V/S Enrique Zambrano Nieto-Gerente. (Dillon-MD). same in 4 mo. for ms and a postcard. (Yeager-PA).

ECUADOR HCJB: 6230, 9870 4 f/d cds. in 29 ds. for 3 ircs. (Westenhaver-QU). 6095, 9870 4 f/d cds. in 32 ds. for ms. (Wilkins-CO). 9870 cd. w/ sked. and calendar in 32 ds. (Ruhe-PA). 11910 f/d cd. in 5 wks. (Bowden-CA). same in 7 wks. (Bowden-CA). 11960 f/d cd. & ltr. in 22 ds. for an irc. This was for first day reception of thier Chinese program. V/S Charles Chan. (Weber-OH). 15155 f/d cd. in 6 wks. (Bowden-CA). same in 6 wks. (Bowden-CA). 17890 cd. in 30 ds. (McCants-AL). same f/d cd. in 6 wks. (Bowden-CA). SPEEDX Report: 6230 via HCJB f/d "SPEEDX" cd. in 10 ds. for ms. V/S David Sharp. (Wilkins-CO). Radio Zaracay: 3395 n/d personnel ltr. w/ pennant & sticker in 5 mo. for a SS rpt. and ms. V/S Elssy Cun C.-Sec. (Kusalik-AB). La Voz del Upano: 5040 f/d cd. in 32 ds. after f-up. for a SS rpt. and \$1. (Forsgren-WI). f/d "Monument to the Amazon" cd. in 36 ds. for a SS rpt. and ms. V/S Luis Rivadeneira R-Dir. (Mahoney-FL).

PERU Radio Bagua: 3310 n/d ltr. w/ postcards in 61 ds. after f-up for a SS rpt. and ms. V/S Julio Cardozo Ganoza-Titular Gerente. (Wilkins-CO). La Voz de la Selva: 4825 p/d ltr. in 1 mo. for ms. V/S Marcelino Estaban B. (Yeager-PA). Radio Quillabamba: 5025 n/d form letter in 125 ds. after f-up for a SS rpt. and ms. Also received info and a pennant. V/S P. Rufino Lobo Alonso-o.p. Director. (Streeter-NY).

VENEZUELA Radio Tachira: 4830 n/d "City Scenes" cd. in 62 ds. for a SS rpt. and an irc. V/S G. Gonzalez Lovera. (Gerstner-NY). Ecos del Torbes: 4980 p/d "map" cd. in 53 ds. for a SS rpt. and ms. V/S D. Gonzalez. (MA-George).

CLANDESTINES & PIRATES

Falcon Radio-Great Britain: 6200 f/d cd. w/ ltr. in 25 ds. for 2 ircs. V/S Peter Moss. 15 watts!! (Trummel-FRG). Radio CLCG-Belgium: 6205.5 f/d ltr. in 20 ds. for 2 ircs. (Trummel-FRG). Radio Del Mare-Belgium: 6205.5 f/d cd. & ltr. in 30 ds. for 2 ircs. V/S "Johan". (Trummel-FRG). Radio Titanic-Netherlands: 6281 f/d cd. w/ goodies in 45 ds. for 2 ircs. 120 watts!! V/S Tim Cooper. (Trummel-FRG). Radio Sound of Switzerland-Switz.: 7250 f/d cd. w/ ltr. in 30 ds. for 2 ircs. 15 watts ERP!! V/S Jimmy Green. (Trummel-FRG). WMTV: 7425 f/d form ltr. in 154 ds. for a SASE which wasn't used. QSL # 44. (D'Angelo-PA). La Voz del Alpha 66: 7550 f/d "Palm Tree" cd. in 365 ds. for ms. This was the second QSL for one report. (Wilkins-CO). La Voz del CID: 9940 f/d cd. in 41 ds. for a SS rpt. and ms. (Mahoney-FL).



Plateau Broadcasting Corporation

Telegrams & Cables:
BROADCASTS, JOS.
PHONE: 2169.

BROADCASTING HOUSE,
P. M. B. 2043,
JOS. - NIGERIA

LITUVOS TELEVIZIJA IR RADIJAS, VILNIUS



Hope that you enjoyed all the great QSLs this month...there are some beauties!:

As you noticed, Radio Nacional de Chile is starting to verify. The V/S, is also the V/S for Radio Agricultura...His home address, which makes sure your reports get to the right person:
Carlos Toledo Verdugo
Casilla 166
San Fernando VI Region
C H I L E

Make sure and send along some return postage.

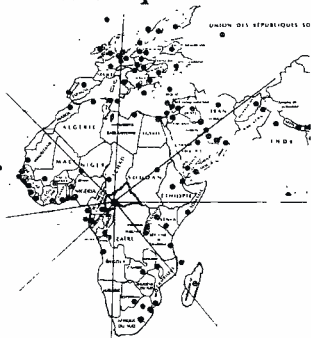
Another thing that I would like to point out. When a station doesn't answer your first report, don't give up!! Just look at the QSL from Thailand for example... it may take many reports, but when the station finally gives in and verifies, it makes the QSL all the more precious!

Hope you all have a great Easter.

73 & Best of DX,



Radio Centrafrique



RADIODIFFUSION
TELEVISION
CENTRAFRICAINE

B. P. 840 BANGUI
(REPUBLIQUE CENTRAFRICAINE)
TEL. 61.28.08 TELEX 9301 R C

RÁDIO CLUBE DO PARÁ



USA	6604.0	U	1939	KEA 5	NEW YORK	AERO	WX	LMS-NY
USA	6605.0	U	1741	KEA 5	NEW YORK	AERO	WX	GN -OH
USA	6925.0	C	0138	KKN 50	WASHINGTON	DOS	QRA	EZ -ME
USA	7183.0	U	1400	W3AN3A	GREENBELT	ARO	SHUTTLE COMMS	ZIL-NM
USA	8090.0	C	2340	NMN	PORTSMOUTH	USCB	WX	JEB-CA
USA	8098.8	C	2200	NAM	NORFOLK	NAVRAD	WX	EZ -ME
USA	8615.0	C	2146	WPD	TAMPA	MARCO	CQ MARKER	PAC-UK
USA	8679.0	C	2230	WCO	TUCKERTON	MARCO	CQ MARKER	JEB-CA
USA	8700.0	C	1802	WLO	MOBILE	MARCO	ID & 8 PULSES	PAT-CA
USA	8784.0	U	0000	KMI	DIXON	MARCO	NOAA WX	RSR-ON
USA	8790.2	U	0009	WLO	MOBILE	MARCO	WX	LMS-NY
USA	8876.0	U	2239	KJY 74	MIAMI	NOAA	WKG GALE 307	SR -MI
USA	8984.0	U	0001	NMG	NEW ORLEANS	USCB	WKG CB 2105	SMM-MI
USA	8993.0	U	0315	APE 81	ASCENSION	USAF	WKG MAC 70016	SR -MI
USA	10051.0	U	0040	KEA 5	GREENWICH	AERO	WX	DB -AR
USA	10454.0	L	2320	WBY 912	MT WEATHER	FEEDER	VOA FEEDER	JEB-CA
USA	12219.8	C	2230	WCO	CHATHAM	MARCO	V MARKER	RR -MS
USA	12845.0	C	2331	KMI	DIXON	MARCO	WKG STARDANCER	PAT-CA
USA	13107.0	U	2230	KMI	DIXON	MARCO	V MARKER	LMS-NY
USA	16915.0	C	1815	WSC	TUCKERTON	MARCO	CQ MARKER	PAT-CA
USA	17028.0	C	2133	WLO	MOBILE	MARCO	CQ MARKER	PAT-CA

*** CENTRAL AMERICA ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
PANA	4275.0	C	0118	HPP	PANAMAINTELMA	MARCO	TFC LIST	EZ -ME
PANA	4275.0	C	0626	HPP	PANAMAINTELMA	MARCO	CQ MARKER	RR -MS
PANA	6424.0	C	0524	HPP	PANAMAINTELMA	MARCO	CQ MARKER	DB -AR
PANA	8993.0	U	1442	AFH	ALBROOK	USAF	WKG HOUSTON	HBB-WA
PANA	8993.0	U	0221	AFH	ALBROOK	USAF	VOLMET	KR -FL
PANA	11176.0	U	2052	AHF 3	ALBROOK	USAF	WKG MAC 50270	RMS-NY
PANA	12429.2	U	0001	NBA	BALBQA	NAVRAD	WKG LAZY DAYS	HBB-WA
PANA	15015.0	U	2052	AFH	ALBROOK	USAF	WX	HBB-WA

*** CARIBBEAN ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BARB	8449.3	C	2303	BPD	BRIDGETOWN	MARCO	TFC LIST	EZ -ME
CUBA	8574.0	C	0409	CLA	HAVANA	MARCO	CQ MARKER	DS -CA
CUBA	16961.0	C	2206	CLA	HAVANA	MARCO	CQ MARKER	EZ -ME
PR	8291.0	C	2331	MBW	SAN JUAN	MARCO	WKG SAMPSON TUG	RSR-ON
TRIN	8825.0	U	2043		PIARCO	AERO	WKG SAN JUAN	PDC-NH
VRIG	6818.8	U	0500	WAH	ST. THOMAS	MARCO	VOICE MARKER	JFH-MA

*** SOUTH AMERICA ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ARGN	4268.0	C	0628	LPD 88	GEN. PACHECO	MARCO	V MARKER	RR -MS
ARGN	8722.0	U	0555	LPL	GEN. PACHECO	MARCO	YL VOICE MARKER	RR -MS
BRZL	4251.0	C	0627	PPJ	JUNCAO	MARCO	V MARKER	RR -MS
BRZL	8634.0	C	0056	PPR	RIO DE JANIERO	MARCO	CQ MARKER	RMA-IA
BRZL	12798.0	C	0035	PWZ	RIO DE JANIERO	NAVRAD	SS WX	EZ -ME
BRZL	12958.6	C	0046	PPD	OLINDA	MARCO		RR -MS
CHIL	2808.0	C	0645	CCS	SANTIAGO	NAVRAD	V MARKER	GLT-NM
CHIL	4760.0	C	0245	CCS	SANTIAGO	NAVRAD	V MARKER	GLT-NM
CHIL	8676.8	C	0205	CBV	VALPARAISO	MARCO	V MARKER	RR -MS
CHIL	8677.0	C	0242	CBV	VALPARAISO	MARCO	V MARKER	RR -MS
COLO	6463.4	C	0105	HKB	BARRANQUILLA	MARCO	CQ MARKER	RSR-ON
COLO	6463.5	C	0757	HKB	BARRANQUILLA	MARCO	CQ MARKER	EZ -ME
COLO	8700.4	C	2235	HKB	BARRANQUILLA	MARCO	CQ MARKER	ES -ME
SORK	9106.0	C	2340	ZHF 33	SIGNEY	BAS	WKG FARADAY STN	SS -NY
URBY	4347.0	C	0425	CWA	CERRITO	MARCO	CQ MARKER	DS -CA
URBY	8602.0	C	2345	CWA	CERRITO	MARCO	CQ MARKER	RSR-ON
VEVE	6100.0	A	2314	YVTO	CARACA	SFTS	VOICE MARKER, TIME SIGS	TK -MI
VEVE	6100.0	A	1200	YVTO	CARACA	SFTS	TIME SIGNALS	JDW-FL

*** EUROPE ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ALB	8696.4	C	1900	ZAD 2	DURRES	MARCO	CQ MARKER	RMA -FR
AZOR	4746.0	U	0609	CWU	LAJES	USAF	WKG MAC 40625	RR -MS
AZOR	5616.0	U	1050	CSY	SANTA MARIA	AERO	WKG BRAVO UNIFORM MIKE 6	NAP-AL
AZOR	11126.0	U	1830	CUW	LAJES	USAF	WX	JDW-FL
BUL	8532.0	C	1510	LZW	VARNA	MARCO	DE MARKER	GLT-NM
CYPR	2700.0	U	0340	5BA	NICOSIA	MARCO	VOICE MARKER	RMS-NY
CYPR	8463.9	C	1445	5BA	NICOSIA	MARCO	CQ MARKER	GLT-NM
DEN	2182.0	U	2036	DXJ	FAROE ISLAND	MARCO	CQ MARKER	PAC-UK
DEN	6446.8	U	0753	DXJ	LYNSBY	MARCO	CLB OVCU	EZ -ME
EIRE	343.0	U	0835	EIP	SHANNON	AERO	WX	RSR-ON
EIRE	8079.0	U	1235	EIP	SHANNON	AERO	GANDER AERO	JDW-FL
ENG	2182.0	U	0548	GNF	N. FORELAND	MARCO	VOICE MARKER	PDC-NH
ENG	2696.7	C	0329	GLD 3	LAND'S END	MARCO	CW/RTTY ID	RMS-NY
ENG	4310.0	C	0105	MTI	PLYMOUTH	NAVRAD	V MARKER	EZ -ME
ENG	5000.0	C	0519	MSF	LONDON	SFTS	TIME SIGS	RMS-NY
ENG	8718.0	C	0246	KGQ 4	PORTISHEAD	MARCO	CW MARKER/ ARQ PHASE	RR -MS
ENG	12152.0	U	1517	MKG	LONDON	RAF	PHONE CALLS	RM -IL
ENG	13381.5	C	1600	GFT	BRACKNELL	METED	RPTS GFT KKKKK	RR -IL
FRAN	4312.6	C	0631	FUG	LA REGINE	NAVRAD	CLG FAAA	RR -MS
FRAN	4329.0	C	0422	FFL 2	ST. LYS	MARCO	CQ MARKER	DS -CA
FRAN	6352.0	C	0126	FUG	LA REGINE	NAVRAD	V MARKER	EZ -ME
FRAN	8453.0	C	0211	HWN	PARIS	NAVRAD	V MARKER	EZ -ME
FRAN	8713.5	C	0245	FFT 43	ST. LYS	MARCO	'FFT 43 K'	RR -MS
FRAN	8808.8	U	1615	FFL 41	ST. LYS	MARCO	P/P	HBB-WA
FRAN	12139.6	U	1735	FPM 4	PARIS	SNIM	VOICE MARKER	RM -IL

FRG	5690.0	U	0418	DHM	95	LAHR	AFB	WX	POC-NH
BTBR	4221.2	C	0620	GYU		GIBRALTAR	NAVRAD	VERY SLOW DE MARKER	RR -MS
BTBR	4742.0	U	0616	GF6		GIBRALTAR	NAVRAD	WKG A5B	RR -MS
GREE	6469.7	U	0706	SXA	21	PIRAEUS	NAVRAD	V MARKER	RR -MS
GREE	8692.5	U	1900	SVD		ATHENS	MARCO	DE MARKER	RMA-FR
GREE	8704.0	C	1840	SVB	7	ATHENS	MARCO	DE MARKER	RMA-FR
HOLI	6481.5	C	003	PJC		WILLEMSTAD	MARCO	CQ MARKER	PAT-CA
ITLY	3039.0	C	0643	IDR	8	ROME	NAVRAD	V MARKER	RR -MS
ITLY	4268.0	C	0628	IDQ	2	ROME	NAVRAD	DE MARKER	RR -MS
ITLY	4615.0	C	0236	IDR	2	ROME	NAVRAD	V MARKER	RR -TX
ITLY	8649.5	U	2135	ICB		GENOVA	MARCO	V MARKER	EZ -ME
ITLY	8679.0	C	1810	IBX		TRIESTE	MARCO	V MARKER	RMA-FR
NOR	3392.0	C	1954	LBA		STAVANGER	NAVRAD	V MARKER	PAC-UK
POR	8551.5	U	0812	CTP		OEIRAS	NATO	V MARKER	RMS-NY
POR	8699.6	C	2232	CTV		LISBON	NAVRAD	CQ MARKER	EZ -ME
SCOT	2182.0	U	0540	BPX		PORTPATRICK	MARCO	ANNOUNCEMENT	POC-NH
SPAN	4225.0	C	0621	723KL		MADRID	NAVRAD	CLG 7BEAL	RR -MS
SPAN	5017.0	U	2039	ADK		ROTA	NAVRAD	DE MARKER	EZ -ME
SPAN	8618.0	C	2349	EDJ	4	ARANJUEZ	MARCO	CQ MARKER	RSR-ON
SPAN	8682.0	C	1915	EAD	3	ARANJUEZ	MARCO	XMAS GREETINGS	RMA-FR
SWIS	4259.0	C	0625	HEB		BERNE	MARCO	CQ MARKER	RR -MS
SWIS	8601.5	C	0841	HEB		BERNE	MARCO	WKG SEK 4	EZ -ME
USSR	4996.0	C	0209	RNM		MOSCOW	SFTS	TIME SIGS	RMS-NY
USSR	12175.0	L	1412	RCD	34		FEEDER R	ORBITA FEEDER	RR -MS
USSR	12730.0	C	1943	UMV		MURMANSK	MARCO	DE MARKER	POC-NH
USSR	12797.0	C	2208	UDK	2	MURMANSK	MARCO	MSGS	EZ -ME
YUGO	8700.0	C	1830	YUR	3	RIJKA	MARCO	WKG TFL	RMA-FR

*** AFRICA/MIDDLE EAST ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB	
ANGD	8565.0	C	0215	D3E	51	LUANDA	MARCO	CQ MARKER	GLT-NM
DJIB	8992.5	U	2100	FUV		DJIBOUTI	NAVRAD	V MARKER	RMS-NY
ISRL	9437.3	C	2056	4XZ		HAIFA	NAVRAD	DE MARKER	EZ -ME
ISRL	9518.0	C	1455	4XZ		HAIFA	NAVRAD	V MARKER	GLT-NM
KUMT	8737.5	U	2015	9KK	7	SAFAT	KUNA	VOICE MARKER	POC-NH
LIBE	8861.0	U	0117		MONROVIA	AERO	WKG DAKAR AERO	JDW-FL	
LIBE	11474.7	C	0233	KKN	44	MONROVIA	EMBASY	QRA MARKER	RMS-NY
LYBA	8745.0	U	2030	SAB		BENHAZIZ	MARCO	CQ MARKER	POC-NH
LYBA	8746.0	C	0557	SAB		BENHAZIZ	MARCO	CQ MARKER	RR -MS
MADE	8461.0	C	2113	CUB		FUNCHAL	MARCO	CQ MARKER	PAC-UK
MADE	8461.1	C	2115	CUB		FUNCHAL	MARCO	CQ MARKER	RSR-ON
MROC	2182.0	U	2106	CNP		CASABLANCA	MARCO	CQ MARKER	PAC-UK
QATR	8473.0	C	2102	A7D		DOHA	MARCO	DE MARKER	PAC-UK
REUN	8475.5	U	2120	FUX		SAINT DENIS	NAVRAD	V MARKER	RSR-ON
REUN	8475.5	U	1555	FUX		SAINT DENIS	NAVRAD	V MARKER	GLT-NM
SAUD	12658.2	C	0836	HZG		DARMAN	MARCO	DE MARKER	PAC-UK
SOAF	4242.5	C	0347	ZSD		DURBAN	MARCO	CQ MARKER	BJ -TX
SOAF	6336.5	C	2345	ZRQ	3	CAPETOWN	NAVRAD	DE MARKER	PAT-CA
SOAF	6338.0	C	0447	ZRQ	2	CAPETOWN	NAVRAD	V MARKER	DB -AR
SOAF	6339.0	C	0226	ZRQ	2	CAPETOWN	NAVRAD	V MARKER	BJ -TX
SOAF	8470.0	C	0153	ZRQ		SIMONSTOWN	NAVRAD	V MARKER	EZ -ME
SOAF	8471.8	C	0220	ZRH		CAPETOWN	NAVRAD	X MARKER	GLT-NM
SOAF	8566.0	C	0545	ZSJ	4	CAPETOWN	NAVRAD	AVPER DBS	GWA-WA
SOAF	8566.0	C	2120	ZSJ	4	CAPETOWN	NAVRAD	CQ MARKER	EZ -ME
SOAF	8566.0	C	0210	ZSJ	4	CAPETOWN	NAVRAD	V MARKER	GLT-NM
SOAF	8688.5	C	0200	ZSC		CAPETOWN	MARCO	CQ MARKER	GLT-NM
SOAF	8731.3	U	2034	ZSC	26	CAPETOWN	MARCO	WKG ACHILLE LAURO	POC-NH
SUDN	5658.0	U	0141	STK		KHARTOUM	AERO	WKG DAR ES SALAM AERO	JDW-FL
TURK	8189.0	C	2020	TBD	2	ISMIR	TN	V MARKER	POC-NH
TURK	8189.7	C	1730	TBD	2	ISMIR	TN	DE MARKER	RMA-FR
TURK	8462.2	C	2159	TCR		TOPHANE KULESI	NAVRAD	CQ MARKER	PAC-UK

*** ASIA/FAR EAST ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB	
HONG	8539.0	U	1515	VPS		VICTORIA ISLE	MARCO	DE MARKER	GLT-NM
JPAN	4305.5	C	0623	JNA		TOKYO	MARCO	CQ MARKER	RR -MS
MLAY	8630.5	U	1530	9MB	2	PENANG	NAVRAD	V MARKER	GLT-NM
PHIL	8548.9	U	1615	DZF		BACDOR	MARCO	CQ MARKER	GLT-NM
PHIL	16872.1	C	1044	DZJ		BULACAN	MARCO	CQ MARKER	PAC-UK
PRC	8302.0	C	1605	XSG	3	SHANGHAI	MARCO	CQ MARKER	GLT-NM
PRC	8313.9	C	1610	XSQ	5	GUANGZHOU	MARCO	CQ MARKER	GLT-NM
ROK	8497.0	C	1600	HLJ		SEDUI	MARCO	CQ MARKER	GLT-NM
SING	8478.1	C	1450	9VG	56	SINGAPORE	MARCO	CQ MARKER	GLT-NM
SING	8529.9	C	1505	9VG	35	SINGAPORE	MARCO	CQ MARKER	GLT-NM
THAI	8686.0	C	1615	HSA		BANGKOK	MARCO	TFC LIST	GLT-NM
TIWN	8631.6	C	1535	XSW		KAOHSIUNG	MARCO	CQ MARKER	LSH-CA
TIWN	13100.4	U	2310	BVA		TEIPEI	MARCO	VOICE MARKER	GLT-NM

*** PACIFIC ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB	
AUST	4407.0	U	0945	VIS		SYDNEY	MARCO	WKG M/V PACIFIC PRINCESS	NAP-AL
AUST	6420.0	C	0704	VHP		CANBERRA	MARCO	V MARKER	RR -MS
AUST	6428.5	C	0955	VIX	3	CANBERRA	NAVRAD	WX	RMA-IA
AUST	6464.0	C	0910	VIS	3	SYDNEY	MARCO	V MARKER	RMS-NY
AUST	8521.0	C	1500	VIS		SYDNEY	MARCO	V MARKER	GLT-NM
AUST	8597.0	C	2110	VIP	03	PERTH	MARCO	V MARKER	PAC-UK
AUST	8597.0	C	2145	VIP	3	PERTH	MARCO	V MARKER	RMS-NY
FFPD	8625.1	C	1525	FUM		PAPEETE	NAVRAD	V MARKER	GLT-NM
FFPD	17380.0	C	2100	FUM		PAPEETE	NAVRAD	V MARKER	GLT-NM
FJI	8846.0	U	0825	3DN		NANDI	AERO	CLG POLYNESIAN 856	RR -MS
GUAM	6506.4	U	0930	NRV		APRA HARBOUR	USCG	WX	AL -MA

GUAM 8570.0	C 1520	NRV	APRA HARBOUR	USCG	CG MARKER	GLT-NM
HI 5696.0	U 0232	NMO	HONOLULU	USCG	WKG CG 1435	SR -MI
HI 8765.4	U 1805	NMO	HONOLULU	USCG	WX	PAT-CA
HI 18002.0	U 2144	AGA 2	HICKAM	USAF	TFC	HBB-WA
NCAL 12698.0	C 0852	FUJ	NDOMEA	NAVRAV	S/W MARKER	PAC-UK
NZEL 6506.4	U 0715	ZLW	WELLINGTON	MARCO	PHONE PATCH	RR -MS
NZEL 8598.4	C 0805	ZLO	WAIOTURU	NAVRAV	DE MARKER	RMS-NY

*** RTTY ***

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CNTY	TRAFFIC	CONTRB
3595.0	0540	50-700N	9HA	LUGA	AERO	MALT RYS		RR -MS
3717.0	2100	ARB	F5B	PARIS	INTRPL	FRAN WKG DEB	PLAIN/CRYPTO	LMS-NY
3717.0	1815	ARB	HEP	ZURICH	INTRPL	SWIS WKG	SANTIAGO	RMA-FR
4066.0	1610	75R	FUV 47	FORCALGUR	POLICE	FRAN MSGS	TO NICE	AM -UK
5058.4	0835	50R	DHJ 49	BONN	FRGMIL	FRG RYS		AM -UK
5765.0	0833	50R	EEB	MADRID	POLICE	SPAN CG MARKER		AM -UK
5925.0	0934	75-850N	WBR 70	MIAMI	METEO	USA METEO		RDS-NY
6280.5	1920	ARD	OYZ	LYNGBY	MARCO	DEN WKG DJKL		RMA-FR
6530.0	0050	100R	CFH	HALIFAX	CANNIL	CAN WX		EZ -ME
6815.0	1800		BAL 34	BEIJING	PTT	PRC SHIPPING SCHEDULE		RMA-FR
6848.0	2100	50R	SOG 284	WARSAW	PAP	POL APPARENTLY NEW FREQ		RMA-FR
6861.0	1645	75R	FUG	LA REGINE	NAVRAV	FRAN WKG EBA		RMA-FR
7407.0	0215	50-425R	CML 5	HAVANA	PTP	CUBA TESTING TO ITT NY		RR -MS
7428.5	0108	50-850R		BUENOS AIRES	TELAM	ARGN SS NEWS		JEB -CA
7530.3	0057		NMN	PORTSMOUTH	USCG	USA WKG ZRH		RMA-IA
7585.0	0115	50-525R	6VY 41	DAKAR	AERO	SENE WX		EZ -ME
7585.0	2218	50-425R	6VY 41	DAKAR	AERO	SENE FF WX		RMA-FR
7722.0	1245	50R	F5Y	ORLEANS	FAF	FRAN		RMA-FR
7858.0	1800	50R	Y2J	BERLIN	DP	GDR MSG ROSTOK TO BEIJING		RMA-FR
7867.0	1830	50R	YKM 113	DAMASCUS	FTE	SVRA TEST FOR BERLIN		RMA-FR
7950.0	1720	50R	Y2V 7A	BERLIN	ADN	GDR // 8048, 5755.5		RMA-FR
7954.5	0010	100R	LRN 85	BUENOS AIRES	DYN	ARGN SS NEWS		EZ -ME
8055.0	1400	50N	LZA 2	SOFA	PTT	BUL WKG BEIJING		RMA-FR
8140.0	2036	100N	WBR 70	MIAMI	METEO	USA WX		EZ -ME
8166.0	0255	50N	LDK	MATROBI	AERO	KEN RYS		HLG-PR
8195.0	2305	75N	50Y	ORCADAS	METEO	SORK CLG LOL		AM -UK
8352.0	0915	ARB	PCH	SCHVEINGEN	MARCO	HOLL WKG GYAP		RMA-FR
8355.0	1830	ARB	PCH 45	SCHVEINGEN	MARCO	HOLL WKG PFNX		RMA-FR
8355.0	1800	ARB	DCF	NORDEICH	MARCO	FRG WKG SPYM		RMA-FR
8710.0	1630	ARB	SVS	ATHENS	MARCO	GREE WKG SYMY		RMA-FR
8718.0	1600	ARB	GKA	PORTSHEAD	MARCO	ENG WKG GDTF		RMA-FR
8760.6	1030	ARD	OST	OOSTENDE	MARCO	BELG PSE UP 8762.3		RMA-FR
9216.0	2044	50-425N	5UA	NIAMEY	ASECNA	NIGR RYS		KR -FL
10132.0	2345	50-850N	TNL	BRAZAVILLE	ASECNA	CONG RYS		JEB-CA
10397.0	1645	50R	HGX 21	BUDAPEST	MFA	HUNG WKG HGX 41		RMA-FR
10840.0	1730	50-200N	MKK	LONDON	RAF	ENG FOXES		RMA-FR
11037.0	1656	50-425N	IRI 20	ROME	INA	ITLY AA NX		RDS-NY
11129.5	2218	50-425N	ULV	MOSCOW	METEO	USSR CYRILLIC METEO		JEB-CA
11453.0	1450	50N	IMB 33	ROME	METEO	ITLY WX		EZ -ME
11486.0	2000	50N	TUH 4	ABIDJAN	ASECNA	IVRY DE MARKER		EZ -ME
11502.0	1439	50N	LH 4	SOFIA	BTA	BUL DE PORTS, S/OFF FREQ LST		EZ -ME
12282.3	2245	75N	NGU	SIGLE	NAVRAV	ANTA MSG TO NGD		AM -UK
12517.0	1500	ARD	LEB	ST. LOUIS AND	MARCO	NOR WKG ELFB 6		RMA-FR
13328.0	0808	50N	H5F212BKK	BANGKOK	MFA	THAI MSGS TO VIENNA		AM -UK
13398.0	1242	70R	6M 2	PHON PENH	EMBASY	KAMP CZEC EMB. TO PRAGUE		AM -UK
13505.0	2230	75-550N	RUZU	MOLDEZHAY	SAAM	USSR EE TFC ABT SUNSPOTS		RR -MS
13524.0	1518	50-425N	YIO 71	BAGHDAD	INA	IRAG EE NX		RDS-NY
13537.0	1318	50-425N	Y7A 54	BERLIN	MFA	GDR EE NX		RDS-NY
13552.0	1225	75N	SPP 5	NEW DELHI	EMBASY	INDI POL EMB. TO WARSAW		AM -UK
13665.0	2214	50-425N	6VU 73	DAKAR	METEO	SENE RYS, CG MARKER		RR -MS
13776.4	1838	75-425N	ZRO 3	PRETORIA	METEO	SOAG METEO		RR -MS
13789.6	0827	ARD	PCW 24	BAGHDAD	EMBASY	IRAQ HOLL EMB. TO THE HAGUE		AM -UK
13795.2	0450	50-850R	ZVK	RID DE JANIE	TASA	BRZL RYS		RR -MS
13934.2	1005	75N	DHD 91	WAHN	FRGAF	FRG RYS		AM -UK
13998.0	1830	50-425N	FTN 99	PARIS	DIPLD	FRAN FF NX		RR -MS
14356.0	1603	50-425R	GFL 24	BRACKNELL	METEO	ENG METEO		RDS-NY
14853.0	2215	78-850N	WBR 70	MIAMI	METEO	USA WX		DM -AB
14901.0	1604	50-425N	CLN 451	BAUTA	TASS	CUBA RYS		RDS-NY
14960.0	1415	50N	CLP 1	HAVANA	MFA	CUBA TFC TO PERU		EZ -ME
15729.2	1205	ARB	PCW 5	CAIRO	EMBASY	EGPT HOLL EMB. TO THE HAGUE		AM -UK
15978.4	1350	50R	FPP 97F	PARIS	AFP	FRAN EE NX		EZ -ME
16117.5	1340	50R	6VK 317	HAVANA	PANA	SENE STORY LINEUP IN FF		EZ -ME
16348.0	1735	50-425R	CLN 530	HAVANA	PL	CUBA EE NX		RDS-NY
17397.2	0825	100R	V7D 49	DAR ES SALAM	EMBASY	TANZ GDR EMB. TO BERLIN		AM -UK
18391.0	1732	50-425N	CLP 1	HAVANA	MFA	CUBA TFC W/ ANGO EMBASSY		RDS-NY
18488.0	1225	75R	SAM 34	HARARE	EMBASY	ZIMB SWED EMB. TO STOCKHOLM		AM -UK
18691.0	2042	50-425R	CLP 1	HAVANA	MFA	CUBA EL JAGUAR WK EL CHACAL		RDS-NY
19068.4	1547	50-425R	CNM 83	RABAT	MAP	MROD FF NX		RDS-NY
19171.1	1551	50-425R	CNM 85	RABAT	MAP	MROD FF NX		RDS-NY

*** SHIPS ***

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
2182.0	U	2315		CCGC THOMAS CARLETON	CLG CCGC	PDC-NH
4063.0	U	0421	WMLG	M/V AMERICAN OHIO	WKG KMI	DS -OH
4066.0	U	0108		USS INCHON	WKG NORFOLK	JFH-MA
4066.1	U	0213		USS LEWIS B PULLER	CLG CSS 1	AL -MA
4066.1	U	0230		USNS NAVAHO	WKG CSS 1	AL -MA
4066.1	U	0230		USS O'CALLAHAN	WKG CSS 1	AL -MA
4066.1	U	0313		USS SCHENECTADY	CLG CSS 1	AL -MA
4066.1	U	0349		USS WADDELL	WKG CSS 1	AL -MA
4066.1	U	0404		USS HEWITT	WKG CSS 1	AL -MA
4112.6	U	0257		SS SUN PRINCESS	WKG WOH	AL -MA

4112.6	U	0317		SS CUNARD PRINCESS	WKG WOM	AL -MA
4112.6	U	2308		SS ROTTERDAM	WKG WOM	AL -MA
4112.6	U	2234	C6DN	SS SCANDINAVIAN SUN	WKG WOM	AL -MA
4128.1	U	2259	GBTT	SS QUEEN ELIZABETH II	WKG WOO	AL -MA
4131.2	U	0313	GBUC	SS CANBERRA	WKG WOM	DS -OH
4131.2	U	2135	GBVC	SS CANBERRA	WKG WOM	AL -MA
4131.2	U	0115	KNJL	DMI HUDSON	WKG WOM	AL -MA
4134.0	U	1111	NHWC	USCGC HARRIET LANE	WKG NMN	AL -MA
4179.0	R	0644	UVRG	M/V MIKHAIL LOMONOSOV	WKG TO UOK	RR -MS
4179.5	R	0320	UARE		5D TO LENINGRAD	RR -MS
4353.5	R	1900	GDXM		WKG PORTSHEAD	RMA -FR
4376.0	U			ENGLISH STAR	WKG USCGC DALLAS	SR -MI
4376.0	U	0207		USCGC UNDERWOOD	WKG USCGC DALLAS	JG -NY
4376.0	U	0217		USS GOUTCH	WKG CAPE LEADER	JG -NY
4376.0	U	0232		USS GUAM	WKG USCGC DALLAS	JG -NY
4376.0	U	0233		USS SIMPSON	WKG USCGC DALLAS	JG -NY
4376.0	U	0234		USS SAMPSON	WKG USS SIMPSON	JG -NY
4376.0	U	0236		USS SAMPSON	USS SIMS	SR -MI
4376.0	U	0555		USS GUAM	WKG USCGC SWEETGUM	SR -MI
4376.0	U	2346		USS HARRIET LANE	WKG USCGC DALLAS	SR -MI
4680.0	U	0018		LIBERTY STAR	WKG USCGC DALLAS	SR -MI
5320.0	U	0153	NNWM	USCGC HAMMER	WKG MIAMI	AL -MA
5320.0	U	2349	NODS	USCGC SALVIA	WKG NMG	AL -MA
5320.0	U	0032	NXFN	USCGC POINT SPENCER	WKG GALVESTON	JFH-MA
5680.0	U	0000		USCGC DAUNTLESS	WKG USCGC DALLAS	JG -NY
5680.0	U	0016		USS AUBREY FITCH	WKG USCGC DALLAS	JG -NY
5680.0	U	0018		LIBERTY STAR	WKG USCGC DAUNTLESS	JG -NY
5680.0	U	0023		USS SIMPSON	WKG USCGC DALLAS	JG -NY
5680.0	U	0116		USCGC POINT ROBERTS	WKG USCGC DALLAS	JG -NY
5680.0	U	0136		W S SIMMS	WKG USCGC DALLAS	JG -NY
5680.0	U	0226		USS UNDERWOOD	WKG USCGC SWEETGUM	JG -NY
5680.0	U	0512		USS AUBREY FITCH	WKG USCGC DALLAS	LSD-NJ
5680.0	U	1407		M/V FREEDOM STAR	WKG USCGC DALLAS	LSD-NJ
5680.0	U	1446		LIBERTY STAR	WKG USCGC DALLAS	LSD-NJ
5680.0	U	2310		USS SAMPSON	WKG USCGC DALLAS	LSD-NJ
5680.0	U	2320		USCGC DALLAS	WKG CANAVERAL CONTROL	JG -NY
5680.0	U	2335		USS DALLAS	WKG CAPE LEADER	JG -NY
5680.0	U	2344		USS W S SIMS	WKG USCGC DALLAS	LSD-NJ
5680.0	U	0211	NODS	USCGC DAUNTLESS	WKG USCGC DALLAS	JFH-MA
5680.0	U	0521	NFDU	USCGC POINT ROBERTS	WKG USCGC DALLAS	LSD-NJ
5680.0	U	0203	NPCR	USCGC DALLAS	WKG USCGC SWEETGUM	JFH-MA
5680.0	U	1434	NPCR	USCGC DALLAS	WKG CG 1710	LSD-NJ
5680.0	U	0226	NRQW	USCGC SWEETGUM	WKG USS UNDERWOOD	JFH-MA
5680.0	U	2347	NRQW	USCGC SWEETGUM	WKG USCGC DALLAS	LSD-NJ
5692.0	U	0051		USCGC CAPE CROSS	TFC	SMM-MI
5696.0	U	0140		USCGC DAUNTLESS	WKG PORTSMOUTH	JG -NY
5696.0	U	0502	NODS	USCGC SALVIA	WKG NEW ORLEANS	POC-NH
5940.0	U	0310		USCGC VALIANT		GN -OH
6200.0	U	0150		USCGC SPENCER	WKG PORTSMOUTH	AL -MA
6200.0	U	1737		USCGC MARIPOSA	WKG PORTSMOUTH	SR -MI
6200.0	U	0128	NODZ	USCGC WOODRUSH	WKG NOJ	AL -MA
6200.0	U	0123	NVAI	USCGC VALIANT	WKG NMN	AL -MA
6221.6	U	1335	VPOV	ATLANTIC LINK	CLB ARCTIC LINK	NAP -AL
6256.0	R	0318	UOTF	TKH KAPITAN VAKULA	WKG MURMANSK	JEB -CA
6283.0	C	0224	UHVU	PAVEL PONOMAREV	CLB CLJ	JEB -CA
7975.0	C	2235	RNNK		'OM DE RNNK'	JEB -CA
8204.3	U	1727		YANKEE CLIPPER	WKG MI	HBB-WA
8216.7	U	2205	WLGO	M/V AMOCO BRISBANE	WKG WOO	DS -OH
8235.3	U	2309	C6GC	CUNARD PRINCESS	P/P VIA KMI	POC-NH
8269.4	U	2155		CHEVRON NAGASAKI	WKG FFL 42	RM -IL
8269.4	U	0421	GUNP	SS CUNARD COUNTESS	WKG WOM	AL -MA
8274.1	U	1833	K6JO	M/V SEALAND EXPRESS	WKG WRF	AL -MA
8274.1	U	1808	KSLJ	M/V SEALAND ADVENTURER	WKG WRF	AL -MA
8284.0	U	0600	ELBZ 7	MERKUR LAKE	TFC VIA WLO	RR -MS
8288.0	U	0300	GBCF	PACIFIC PRINCESS	WKG WOM	DS -OH
8345.4	R	0600	UMFW	NIS PROFESSOR ZUBOW	TFC TO LENINGRAD	RR -MS
8348.5	R	1615	OYVZ	DRAGOR MAERSK	WKG LYNGBY	RMA-FR
8350.0	R	1810	ELCM 5	GULF BRAIN	WKG PORTSHEAD	RMA-FR
8350.0	R	1800	ELCV	NORDIC COURIER	WKG PORTSHEAD	RMA-FR
8351.5	R	0033	EVBK	MB 0176	RRS	RMA-IA
8352.5	R	1840	FNY 2	THERESE DELMAS	WKG ST. LYS	RMA-FR
12330.0	U	1745	WTG 466	GOLD ALASKA	WKG KMI	HBB-WA
12335.1	U	2251		NORRDEICH	P/P VIA KMI	HBB-WA
12398.0	U	2051		M/S CUNARD PRINCESS	P/P VIA WOM	EZ -ME
12401.3	U	2148	GUNP	PACIFIC OCEAN	P/P VIA GKV 54	RM -IL
12429.2	U	1802	KNOF	AMERICAN MERCHANT	P/P VIA WOO	HBB-WA
12432.3	U	1740		SS GRIDLEY	CLB HRB	HBB-WA
12432.3	U	1745	WEDB	SS PRINCETON	WKG KHT	HBB-WA
12520.0	R	2239	UJXB	PR KALININGRAD		RMA-IA
12522.0	R	0108	LYFI	BATM MARSHAL NOVIKOV	RRS TO UJY	JEB-CA
13201.0	U	2040		USS MIDWAY	CLB YOKOTA BASE	HBB-WA
16587.1	U	2020		EXXON PHILADELPHIA	WKG KHT	HBB-WA
16587.1	U	2032	KCTS	OVERSEAS CHICAGO	WKG KHT	HBB-WA
16587.1	U	2026	WWND	OVERSEAS BUREAU	WKG KHT	HBB-WA
28630.0	U	0445	WHK 3916	GULF KING	WKG MISS EVELYN	RR -MS

*** AERO ***

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
2887.0	U	0058	AEROFLOT 336	WKG NY	JG -NY
2887.0	U	0252	AIR CANADA 974	WKG NY	KR -FL
4376.0	U	1452	NAVY US2C	WKG USCGC DALLAS	JG -NY
4376.0	U	2324	PEAPOD 02	WKG CAPE LEADER	SR -MI
5547.0	U	2244	NORTHWEST 1	WKG SAN FRANCISCO	TS -AZ

5550.0 U 0123 AMERICAN 626
5550.0 U 0046 IBERIA 944
5550.0 U 0122 SPEEDBIRD 63
5574.0 U 0617 AMERICAN 72
5574.0 U 2247 CLIPPER 25
5574.0 U 0615 CLIPPER 825
5574.0 U 1137 UNITED 184
5577.0 U 2256 CUBANA 112
5598.0 U 0229 AIREVAC 5224
5598.0 U 0040 AVIANCA 445
5598.0 U 0630 SPEEDBIRD 2256
5598.0 U 0225 SPEEDBIRD 268
5598.0 U 0202 SPRINGBOK 204
5598.0 U 0207 TWA 814
5628.0 U 1231 JAPAN AIR 66
5628.0 U 1236 NORTHWEST 906
5643.0 U 1239 PACIFIC 03
5643.0 U 1257 GANTAS 05
5649.0 U 1153 AIR FRANCE 004
5652.0 U 0130 CALEDONIAN 362
5652.0 U 0132 SWISS AIR 265
5680.0 U 1335 CG 1710
5680.0 U 1351 JOLLY 97
5680.0 U 1350 NAVY RESCUE 322
5680.0 U 1310 NAVY STAR 322
5696.0 U 2129 CG 02
5696.0 U 0247 CG 1477
5696.0 U 1728 CG 1495
5696.0 U 0105 CG 1501
5696.0 U 0356 CG 1503
5696.0 U 0000 CG 1700
5696.0 U 0350 CG 1707
5696.0 U 0400 CG 1707
5696.0 U 2330 CG 1712
5696.0 U 1755 CG 1714
5696.0 U 0024 CG 2105
5696.0 U 1729 CG 2105
5696.0 U 0020 CG 2119
5696.0 U 0025 CG 2119
5696.0 U 0048 CG 2121
5696.0 U 0023 CG 2133
5696.0 U 2358 CG 2133
5696.0 U 0050 CG 2141
5696.0 U 1800 CG RESCUE 1710
5696.0 U 1358 CG RESCUE 2111
6577.0 U 2300 AMERICAN 679
6577.0 U 0625 AMERICAN 697
7743.0 U 2211 AMERICAN 265
8843.0 U 2210 CANADA 072
8843.0 U 2213 CLIPPER 11
8843.0 U 2252 CLIPPER 21
8843.0 U 0405 DYNASTY 70014
8843.0 U 0130 MAC 38088
8843.0 U 0002 NAVY PP675
8843.0 U 1709 NG 123
8843.0 U 2215 WESTERN 561
8843.0 U 2250 WESTERN 667
8843.0 U 2227 WORLD 11
8861.0 U 0102 CUBANA 1490
8861.0 U 0057 SPRINGBOK 235
8867.0 U 0622 POLYNESIAN 656
8879.0 U 1156 AIR FRANCE 315
8979.0 U 1239 LUFTHANSA 400
8984.0 U 2235 CG 1424
8984.0 U 0001 CG RESCUE 2105
9006.0 U 2106 CANMIL AC 410
9006.0 U 1720 SAM 500
10048.0 U 2247 10 ROMEO
10780.0 U 1255 MAC 38076
10780.0 U 1301 MAC 60135
11176.0 U 1030 MAC 50978 RESCUE
11176.0 U 2057 MAC 90017
11182.0 U 1809 KING 744
11182.0 U 1810 NAVY 495
11233.0 U 2011 ASCOT 5861
11282.0 U 2230 CLIPPER 101
11282.0 U 2232 MAC 01469
11282.0 U 2233 NEW ZEALAND 10
11282.0 U 2229 UNITED 101
11282.0 U 2318 UNITED 183
11460.0 U 2105 AIR FORCE 2
13306.0 U 1437 ROSENBAUM 876
13440.0 U 2145 NAVY 49676
15015.0 U 2105 OTIS 18

*** TACTICAL ***

WKG NY
WKG NY
WKG NY
WKG NY
WKG SAN FRAN
CLG HONOLULU
WKG SAN FRANCISCO
WKG NEW YORK
CLG NY
WKG SANTA MARIA
WKG NY
CLG NY
CLG NY
CLG NY
WKG HONOLULU
WKG HONOLULU
WKG HONOLULU
WKG HONOLULU
WKG GANDER
WKG NIAMEY
WKG NIAMEY AERO
WKG USCGB DALLAS
WKG USCGB DALLAS
WKG CAPE LEADER
USCGB DALLAS
WKG MIAMI
WKG MIAMI
WKG BOSTON
WKG PORTSMOUTH
WKG NMA
WKG CG KODIAK
CLG KODIAK
WKG KODIAK
WKG MIAMI
WKG MIAMI
CLG MIAMI
WKG DISTRICT OPS
WKG BOSTON
CLG PORTSMOUTH
R/C W/PORTSMOUTH
WKG BOSTON
WKG PORTSMOUTH
WKG CORPUS CHRISTI
WKG MIAMI
WKG MIAMI
WKG NY
WKG NY
WKG SAN FRAN
WKG SAN FRAN
WKG SAN FRAN
WKG SAN FRAN
WKG SAN FRAN
WKG SAN FRANCISCO
WKG HONOLULU
WKG SAN FRANCISCO
WKG HONOLULU
WKG HONOLULU
WKG SAN FRAN
WKG SAN FRANCISCO
WKG SAN FRAN
WKG DAKAR
WKG ROBERTS AERO
WKG NANTI
WKG GANDER
WKG GANDER
WKG MIAMI
WKG NEW ORLEANS
WKG CHR
WKG LAJES RE SHUTTLE OPS
WKG ANCHORAGE
WKG ANTIGUA
WKG ANTIGUA
WKG ALBROOK
CLG ALBROOK
WKG SCOTT USAF
WKG SCOTT USAF
WKG CHR
WKG HONOLULU
WKG HONOLULU
WKG HONOLULU
WKG HONOLULU
WKG HONOLULU
WKG ANDREWS
WKG GANDER
WKG ANDREWS
P/P W/SCOTT

TS -AZ
JDW-FL
TS -AZ
RR -MS
TS -AZ
RR -MS
JDW-FL
TS -AZ
KR -FL
JDW-FL
RR -MS
KR -FL
KR -FL
KR -FL
JDW-FL
JDW-FL
JDW-FL
JDW-FL
JDW-FL
LSD-NJ
SR -MI
SR -MI
LSD-NJ
POC-NH
KR -FL
JG -NY
HBB-WA
AL -MA
HBB-WA
HBB-WA
HBB-WA
RJC-MA
JG -NY
RCW-OH
JG -NY
RCW-OH
RCW-OH
RCW-OH
RCW-OH
HBB-WA
RCW-OH
JDW-FL
JDW-FL
TS -AZ
RR -MS
TS -AZ
TS -AZ
TS -AZ
HBB-WA
JDW-FL
HBB-WA
HBB-WA
TS -AZ
TS -AZ
TS -AZ
JDW-FL
JDW-FL
RR -MS
JDW-FL
JDW-FL
JG -NY
JG -NY
SR -MI
JDW-FL
HBB-WA
JDW-FL
TS -AZ
TS -AZ
TS -AZ
HBB-WA
JFH-MA
DS -OH
DS -OH
HBB-WA

FREQ M TIME CALL
2715.0 U 1200 5 SIERRA INDIA
4373.0 U 0635 4 CHARLIE UNIFORM
4373.0 U 0515 5 CHARLIE KILO
4373.0 U 0820 ZERO R
4374.0 U 0900 ROMEO 1 QUEBEC
4376.0 U 0236 LIMA 5
4405.0 U 0827 GULF ONE FIVE

TRAFFIC
CLG 4 GOLF YANKEE
WKG ZULU 9 UNIFORM
WKG 7 SIERRA DELTA
WKG L 7. ID AS FREQ 'ND'
WKG ROMEO XRAY QUEBEC
WKG GOLF 6
WKG ECHO ONE INDIA

CONTRB
WOD-PA
RR -MS
RR -MS
ES -MA
LM -PA
SR -MI
NAP-AL

4416.0	U	0513	NOVEMBER 4 INDIA	WKG KILO 4 JULIET	RR	-MS
4545.0	U	0507	GOLF LIMA	WKG ZULU KILO	RR	-MS
4725.0	U	0445	ACTOR 64	WKG PUMPSHED	RR	-MS
4725.0	U	0446	DIREWOLF	WKG CODED TFC	RR	-MS
4725.0	U	0517	FIREBIRD	MAINTENANCE CHECK	RR	-MS
5320.0	U	0419	HOTEL 5	WKG SULU 5	JFH	-MA
5680.0	U	1950	CAPE LEADER	SHUTTLE RESCUE OPS	SS	-NY
5680.0	U	2321	CAPE LEADER	WKG USCGC DALLAS	LSD	-NJ
5680.0	U	VAR	CAPE LEADER	SHUTTLE RESCUE OPS	JFH	-MA
5680.0	U	VAR	CAPE LEADER	CHUTTLE RESCUE OPS	SR	-MI
5680.0	U	1255	CHARLIE 1	WKG COLLECT 7	LSD	-NJ
5680.0	U	0515	THINKER ONE	NASA RANGE CONTROL	LSD	-NJ
5689.0	U	0217	6VK	WKG 6VR	SMM	-MI
5700.0	U	0318	DANDELION	WKG BROADLOOM	SR	-MI
6461.0	U	1356	ROOK 43	MSGG	AHP	-NM
6577.0	U	0305	NAVY ALPHA 41	WKG NY VICTOR IN SS & EE	BJ	-NY
6708.0	U	1405	CAPE RADIO	WKG LIBERTY STAR	LSD	-NJ
6708.0	U	1404	HANGER AF	CLG LIBERTY STAR	LSD	-NJ
6720.0	U	0628	JULIET 2 TANGO	CLG HOTEL 6 BRAVO	RR	-MS
6761.0	U	2144	CAMEL RUG	SKY KING MSG	WRB	-IN
6761.0	U	0428	GASH 2B	WKG FOOLISH	RR	-MS
6761.0	U	1325	MUSTACHE	MAINTENANCE TEST	AHP	-NM
6944.0	U	0816	DOUBLELEADER	CODED TFC	RR	-MS
8878.0	U	1625	MIKE XRAY	CLG HOTEL XRAY	HBB	-WA
8879.0	U	1242	ASCOT 2488	WKG GANDER	JDW	-FL
8912.0	U	2258	MECHANIC	WKG 55	SR	-MI
8912.0	U	2239	SLINGSHOT	WKG 03, 05	SR	-MI
8972.0	U	1347	MIKE 8 UNIFORM	WKG 0 JULIET GOLF	JDW	-FL
8980.0	U	0031	FOXTROT 7	WKG ADVISE VF 41	SR	-MI
9707.0	U	0000	HOTEL 9 VICTOR	WKG XRAY QUEBEC 001	JEB	-CA
10780.0	U	1239	BRAVO HOTEL 38	WKG CAPE RADIO	JDW	-FL
10780.0	U	1750	CAPE RADIO	SHUTTLE RESCUE COMMS	EZ	-ME
14686.0	U	1713	44 ALPHA	WKG ATLAS	AL	-MA
14686.0	U	1515	ATLAS	WKG SLIM 341	AL	-MA
14686.0	U	1530	PANTHER	WKG ATLAS	AL	-MA

*** NUMBERS ***

DATE	STRT-STOP	FREQ	M	LL/GG	TRAFFIC	CONTRB
01/01/86	2337-2348	7532.0	U	GG/YL	5D	RR -MS
01/03/86	0811-0815	7438.0	A	SS/YL	5D	RR -MS
01/05/86	1338-1350	13620.0	C	/	5D	RR -MS
01/05/86	1339-1341	13684.0	C	/	5D, T=0	RR -MS
01/07/86	0407-0420	3225.4	A	/YL	5D	RR -MS
01/08/86	0415-0430	6867.0	C	/	CUT #S: ABDIMNRUW. > 99	RR -MS
01/10/86	0400-0547	6802.0	A	SS/YL	CARRIER, TONES, 4D	AHP-NM
01/10/86	0546-0548	3262.0	U	GG/YL	5D GROUPS	RR -MS
01/10/86	0640-0650	3463.0	C	/	5D, T=0	RR -MS
01/13/86	0355-0445	6803.0	A	SS/YL	4D	AHP-NM
01/19/86	0400-0430	5813.0	A	SS/YL	4D	AHP-NM
01/20/86	0400-0445	8418.0	A	SS/YL	// 6802, 4D	AHP-NM
01/20/86	2226-2240	4935.0	U	GG/YL	3/2 GROUPS	LMS-NY
01/21/86	0305-----	7380.0	A	GG/YL	VERY STRONG	BJ -TX
01/21/86	0333-0337	6215.0	A	SS/YL	5D	JEB-CA
01/24/86	0430-0449	6822.0	A	SS/YL	5D	AHP-NM
01/26/86	0500-0521	5180.0	A	SS/YL	5D	AHP-NM
01/26/86	1932-----	5692.0	U	GG/YL	3/2 GROUPS	ES -MA
01/27/86	0214-0216	4670.0	A	SS/YL	4D	JEB-CA
01/27/86	0434-----	3692.0	A	SS/YM	5D. ANCR WAS A BOY!	MH -PA
01/27/86	0603-0610	5762.0	A	SS/YL	TWO 5D MSGS	RR -MS
01/28/86	0518-----	4444.0	U	SS/YL	5D	TK -MI
02/05/86	0340-0415	4900.0	C	/	SCHAR/NUM GRPS, 20DB > 59	MH -PA
11/30/85	0640-0642	3226.0	A	/YL	5D, POSS. RR	RR -MS

*** BEACONS ***

FREQ	M	TIME	CALL	TYPE	TRAFFIC	CONTRB
5746.0	C	2347	A	SLHFB		RR -MS
8008.0	C	1712	M	SLHFB		RR -IL
8090.0	C	1650	I	SLHFB		PAT-CA
9042.9	C	1636	K	SLHFB		PAT-CA
9703.0	C	0724	KD			RM -IL

*** UNIDENTIFIED ***

FREQ	M	TIME	DATE	CALL	TRAFFIC	CONTRB
1919.5	C	0657	11/30/85	BCY	RPTD. BEACON?	RR -MS
2345.0	C	0434		IPE	CALL PLUS LONG DASH	RR -MS
4670.0	A	0449	01/10/86		VICTOR LIMA BRAVO 2 RPTD	RR -MS
4867.0	C	0648	01/10/86	7QH 9	CALL RPTD	RR -MS
4880.0	A	0430	11/24/85	U L X	'UNIFORM LIMA XRAY' MRKR	RR -MS
5335.0	C	1634	01/08/86	WBBYDL	WKG KABJZF: HAM CALLS	RR -IL
8920.0	C	2125	/ /	JJR	V MARKER	PDC-NH
8935.0	U	2209	02/01/86		MAURITIUS OPS WKG M K 42	SR -MI
10367.2	R	0220	01/15/86	COBRA	UNID SS NETWORK	GWA-WA

*** VLF/LF/MH ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BAHM	396.0	C	0220	ZRB		NDB	ID	GLT-NM
CAN	254.0	C	0053	YSU	SUMMERSIDE	NDB	ID	RSR-ON
CAN	338.0	C	0548	ZEM	EAST MAIN	NDB	ID	RSR-ON
CAN	401.0	C	0615	YB	ST. NICEPHORE	NDB	ID	RSR-ON
DEN	500.0	C	2104	OXJ-	FAROE ISLAND	MARCO	WKG OYDR	PAC-UK

GUAT	1613.0	C	0513	RAB	RABINAL	NDB	ID	RSR-ON
ITLY	500.0		2053	IAR	ROME	MARCO	CLG ICPL	PAC-UK
ITLY	500.0	C	2120	IDC	CAGLIARI	MARCO	CG MARKER	PAC-UK
MALT	500.0		2026	9HD	VALETTA	MARCO	CLG UYYB	PAC-UK
MEX	359.0	C	0200	TPX	TEPEXPAH	NDB	ID	GLT-NM
MEX	364.0		0200	CUV	CHUHUAHUA	NDB	ID	GLT-NM
MROC	500.0	C	2020	CNW	TANGIER	MARCO	CG MARKER	PAC-UK
POL	500.0		2200	SPE	SICZECIN	MARCO	CG MARKER	PAC-UK
PR	418.0		0150	DDP	DORADO	NDB	ID	GLT-NM
USA	242.0		0048	INP	INDIANA CO.	NDB	ID	RSR-ON
USA	353.0		0128	MG	MONTOMERY	NDB	ID	RSR-ON
USA	407.0	C	0618	FXV	APPLETON	NDB	ID	RSR-ON
USSR	1279.0	C	1500	UDK 2	MURMANSK	MARCO	TFC	RMA-IA

*** QSLs ***

CNTRY	CALL	DES/ID	NAME/LOCATION	QSL/ POSTAGE/ #DAYS	FREQ	CONTRB
	CB 1495			PFC MS 142D	5696.0	PDC-NH
	CBDD	CCGC	ALERT	PFC 11RC 17D	2182.0	PDC-NH
AZOR	CUW 20	USAF	LAJES	CARD MS 18D	13927.0	PDC-NH
BRAN	BAHRAIN CITY	AERO		PFC IRC 26D	5650.0	PAC-UK
CAN	CYYQ	AERO	CHURCHILL	PFC IRC 29D	8891.0	EZ -ME
CAN	VAV	CCG	YARMOUTH	PFC IRC 58D	2598.0	ES -MA
CAN	VCA	CCG	CHARLOTTESTOWN	PFC NO POST 26D	2182.0	ES -MA
CAN	VCC	CCG	QUEBEC CITY	PFC IRC 30D	2182.0	ES -MA
CAN	VCF	CCG	MT. JOLI	PFC IRC 18D	2182.0	ES -MA
CAN	VCF	CCG	MT. JOLI	PFC 11RC 23D	2182.0	PDC-NH
CAN	VCG	USCG	R. AU RENARD	PFC IRC 13D	2182.0	ES -MA
CAN	VCM	CCG	ST. ANTHONY	PFC MS 21D	2182.0	ES -MA
CAN	VCO	CCG	SYDNEY	PFC MS 18D	2182.0	ES -MA
CAN	VCS	CCG	HALIFAX	PFC MS 28D	2182.0	ES -MA
CAN	VFZ	CCG	GOOSE BAY	PFC IRC 17D	2182.0	ES -MA
CAN	VOJ	CCG	STEPHENVILLE	PFC MS 20D	2182.0	ES -MA
CAN	VOK	CCG	CARTWRIGHT	PFC MS 27D	2182.0	ES -MA
CAN	VON	CCG	ST. JOHN'S	PFC MS 20D	2182.0	ES -MA
CAN	YMY	NDB	FAR FALLS	PFC MS 14D	242.0	HH -MD
DEM	DXJ	MARCO	FAROE ISLAND	PFC IRC 9D	500.0	PAC-UK
ERE	EJK	MARCO	VALENTIA	PFC 21RC 41D	2182.0	ES -MA
ENG	ELD	MARCO	LAND'S END	CARD NO POST 19D	2395.0	PDC-NH
GREE	SVV	MARCO	ATHENS	CARD MS 234D	8697.0	PDC-NH
ICE		AERO	REYKJAVIK	CARD IRC 92D	8891.0	PAC-UK
INDI	VVM	MARCO	MADRAS	PFC IRC	8674.5	PAC-UK
LIBE	KKN 44	EMBASY	MONROVIA	PFC 21RC 25D	11474.0	PDC-NH
NOR	LGA	MARCO	ALESUND	PFC IRC 30D	500.0	PAC-UK
NZEL		USN	CHRISTCHURCH ATC	PFC MS 42D	8997.0	EZ -ME
PHIL	VDA	FEEDER	PORO/TINUNG	CARD NO POST 7D	15600.0	RW-OH
PR	NMR	USCG	SAN JUAN	PFC MS 11D	12698.0	EZ -ME
SDAF	NMR 26	USCG	BORINQUEN	PFC MS 14D	5696.0	PDC-NH
SDAF	ZSC	MARCO	CAPETOWN	PFC MS 26D	13093.0	PDC-NH
SDAF	ZUJ	AERO	JOHANNESBURG	REFUSAL LETTER. WON'T QSL	0.0	PAC-UK
SPAN	EAV	MARCO	CABO DE LA NAO	LETTER IRC 28D	500.0	PAC-UK
USA	KIG 443	CAP	MACON	PFC MS 19D	4467.5	PDC-NH
USA	KMI	MARCO	DIXON	CARD MS 13D	4357.4	ES -MA
USA	NMA	USCG	MIAMI	CARD IRC 24D	5696.0	PAC-UK
USA	NMA 10	USCG	MIAMI	CARD NO POST 121D	2182.0	PDC-NH
USA	NMA 15	USCG	FT. MYERS	PFC MS 10D	2182.0	ES -MA
USA	NMA 2	USCG	FT. PIERCE	PFC MS 14D	2738.0	ES -MA
USA	NMF 15	USCG	NEWBURYPORT	PFC MS 12D	2670.0	ES -MA
USA	NMR 2	USCG	GLOUCESTER CITY	PFC NO POST 10D	2182.0	ES -MA
USA	NMY 52	USCG	SANDY HOOK	PFC MS 19D	2182.0	ES -MA
USA	NOE	USCG	NORTH BEND	PFC MS 10D	2670.0	ES -MA
USA	NOY	USCG	GALVESTON	PFC MS 12D	5692.0	ES -MA
USA	NOY 9	USCG	HOUSTON	PFC NO POST 10D	5692.0	ES -MA
USA	W6K	MARCO	GRANITE CITY	PFC MS 10D	6212.4	EZ -ME
USA	WLO	MARCO	MOBILE	PFC MS 24D	17356.9	ES -MA
USA	WOM	MARCO	PENNSUCO	CARD MS 12D	4363.6	ES -MA
USA	WOO	MARCO	OCEAN GATE	CARD MS 11D	4090.9	EZ -ME
USA	WDD	MARCO	OCEAN GATE	CARD MS 9D	4385.3	ES -MA

*** CONTRIBUTORS ***

NAME	INI-ST	RECEIVER	# LOGS
AKED, ROGER	RMA-FR	EDDYST. 1650/2	32
ALEXANDER, RODNEY	RMA-IA	R 70	6
ATKINS, GUY W.	GWA-WA	R 70	3
BEAL, BART	HBW-WA	R 4C	35
BEAVER, WILLIAM R.	WRB-IN	FRG 7700	2
BERRI, JASON E.	JEB-CA		13
BREWER, DON	DB -AR		3
COLEMAN, R. J.	RJC-MA		1
CONWAY, PETER A.	PAC-UK	COLLINS 57J-4	26
DANKO, LARRY	LSD-NJ	R 70	16
DICKERMAN, WILLIAM O.	WOD-PA	DX 400	1
FLEISCHAKER, TED	TF -KY		1
GERSTNER, JOHN	JG -NY	DX 1000	25
GUTTIERREZ, HECTOR L.	HLG-PR	TS 430S	1
HARDESTER, MIKE	MH -PA	R 1000/FRG 7000	2
HARDY, LE ROY S.	LSH-CA	R 70	1
HENAULT, JOHN	JFH-MA	R 71A/ R 2000	9
HOLBROOK, HANK	HH -MD		1
JONES, BRIAN	BJ -TX	R 70	4
KEPHART, TOM	TK -MI		2
LEWKOWICZ, ABE	AL -MA	DX 302/ICF 2001	33
MARGOLIS, ROBERT	RM -IL		8

MCKINNEY, LARRY	LM -PA	R 1000/ICF 2001	1
MOLL, SUSAN M.	SMH-WI	FRG 7700	4
MOMAN, DON	DM -AB		2
MOORE, ALEX	AM -UK	R 7	13
NEFF, B.	GN -OH		2
O'CONNOR, PETER	POC-NH	DX 302	32
PERDUE, NEAL	NAP-AL	R 4B/2C /DX 400	7
PIKE, ARTHUR H.	NAP-NM	ICF 6800W	9
ROBERTS, KEN	KR -FL	R 2000	6
ROCKER, RAYMOND	RR -MS	FT 757GX	16
ROSS, ROBERT S.	RGR-ON	FR 1015/TS 430S	16
RUTLEDGE, STEVE	SR -MI	R 71	24
SCHMAUTZ, SCOTT	SS -NY		6
SHEEDY, DAN	DS -CA	R 70	3
SOOMRE, ED	ES -MA		32
STANLEY, TREVOR	TS -AZ	2010/ NRD 515	17
STEIN, RICKY	RDS-NY	FRG 7000/7700	11
STRANSKY, LARRY	LMS-NY		7
STREETER, R.R.	RMS-NY	R 4B/ SX 100	13
SYMINGTON, DARYLL	DS -OH	R 71A	7
THOMPSON, GLENN	GLT-NM	R 71A	28
THOMPSON, PEGGY	PAT-CA	FRG 7	14
WALLENHORST, ROBERT	RCW-OH		10
WILLIAMS, JOHN D.	JDW-FL	R 71A/ R 7A	29
ZIEGLER, ED	EZ -ME	R 2000	41

NEW CONTRIBUTORS I guess some of you got receivers or memberships for Christmas, because I see new names this month. I am suspicious of a conspiracy, however; almost 25% are named Larry! Anyway, welcome one and all. To help you new contributors get the most logs in print, and to remind those veterans, remember that I need your logs to come in on the standard Ute submission form, cut into 1-inch strips. Putting your subs on that form and cutting them gives you a far greater chance of seeing your logs in print, with the volume of logs I get I don't have time to transcribe or cut your logs. If you don't do this you will have at least one but at the most two or three logs printed. Also try to get the call sign of the station monitored. Forms are available from the SPEEDX business office. By the way, if you submitted and it was printed, but your name is not in the above list, it may be because your logs came via Peggy Thompson. That doesn't mean anything in particular; my computer makes the contrib list before I enter Peggy's forwarded logs. You will get full credit for your subs regardless.

SHUTTLE TRAGEDY I was going to ask if anyone got any comms during the search, and was surprised to find that many of you did. I don't have space to name all of you, but thank you all for your notes and lists of freqs. In the logs above, in general, any ship or plane communicating with USCGC DALLAS was involved in the shuttle aftermath. Also note comms with CAPE LEADER and CAPE RADIO. These freqs are worth noting for future use; but we pray never again under these circumstances.

COAST GUARD NOMENCLATURE Ed Soomre sends along a copy of a letter from the Comm Officer of Houston Coast Guard Air Station NOY 8. The officer explains that an aircraft with a call beginning in 13 or 14 is a Sikorsky helicopter (either an HH52 or HH3F), calls beginning with 65 refer to the latest Helo, the Aerospetiale Dolphin, calls beginning with 16 or 17 are C-130 aircraft, and calls beginning with 25 are for HU25 Falcon jets. Although this info is specifically for the Houston Airsta, I assume it is generally accurate across the Guard. Thanks Ed.

CALL FOR MATERIAL I need the call signs and locations of Aero and Volmet stations around the world. I have some that are positive IDs, some that are suspicious, and some without calls. I would like to have them for use in this column and for future updates in the SRGU. If anyone has this information, or even partial info, I'd be grateful if you could send it along. Thank you. Also, there seems to be a great clamor for QSL info. I just don't have space for publishing addresses, let alone the expertise. If any of you have QSL address info or pointers available, contact me or the SPEEDX projects coordinator, Craig Krist, to talk about having the material published. You would be doing your fellow DXers a favor, for QSL info is some of the hardest to come by.

That's all I have room for. Thanks again for your kind letters and comments. Until next time, 73's.....



Up Front

TIPS 'N' TOPICS. Beginning with the April issue, "Tips 'N' Topics", edited by John Bennett, will be merged with "DX Montage". David Sharp will continue to edit the combined column. Rick Drollinger and I decided to make this change for two reasons: 1) a need to slightly reduce the number of pages in an average month's magazine; and 2) numerous comments by members wondering what the difference was between the two columns. At one time, there was a distinct difference, but because of the lack of longer articles being contributed by the membership (which used to be the focus of "Tips 'N' Topics"), the two columns had become very similar, both printing short items, and often duplicating each other's efforts.

John's March column hasn't arrived here at publishing HQ as of deadline, although I suspect he sailed it in plenty of time according to a letter he sent to Rick on the 15th. Rick and I are currently working on a new editorial assignment for John, and we hope to have more information on that in the next few months.

So, effective immediately, send all short, timely items of radio news and features to David Sharp for "DX Montage". Remember that equipment reviews and technical comments should be sent to Michael Nowicki for "Product Profiles". And finally, longer general-interest articles (one page or longer) should be sent to publishing HQ, where I will use them as "filler" material.

BOARD OF DIRECTORS ACTIONS: The following motions have been acted upon by your SPEEDX Board of Directors so far this year:

MOTION 101-1: SPEEDXer of the Year, 1985 The BOB unanimously approved the selection of John Trautchoild for this award, as noted in the January issue of the magazine.

MOTION 101-2: Annual awarding of SDTY The BOB unanimously approved the concept of making the SPEEDXer of the Year an annual award. In the past, the award had been randomly given, but it will now be an annual event.

MOTION 101-3: Local Chapter Advisor change The BOB unanimously approved the selection of Peggy Thompson as Local Chapter Advisor for all SPEEDX local chapters. Previously, a different SPEEDX staff member was the advisor for each group. Peggy will take over all of those advisor positions, to make communication with the local chapters easier.

PRIVACY ACT UPDATE: According to Glenn Hauser's "World of Radio" on 23 February via KCBI, proponents and opponents of the bill (cf. February "Up Front") appeared at a House committee hearing in Washington. Representatives of the radio hobby were a spokesman for the ARRL and Richard T. (Terry) Colgan, Executive Secretary of ANARC, whose comments also appeared in last month's column. Glenn's correspondent in DC, Ben Cobb, wrote that the both the ARRL's and ANARC's presentations opened a few eyes in the room, and has supposedly made the electronic communications industry lobbyists and the American Civil Liberties Union (both supporters of the bill) regroup. Good work by Terry and other ANARC staffers who helped in this effort. Terry also has a "fact sheet" available on the bills, available for a business-sized SASE with 22 cents postage from: ANARC, P.O. Box 180403, Austin, TX 78718. The last House hearing will be on 6 March.

A COMPUTER SWAP SOFTWARE SWAP From SPEEDXer Michael Leonard in Yarmouth, Maine comes the following: "I would like any interested parties who are owners of Commodore-64 computers to send me original and/or uncopyrighted software (preferably on disk) pertaining to the hobby. I would compile all software received onto a master disk, make copies onto those disks that I received, then return the disks to the (contributors). I would like to initiate the "swap" sometime between now and springtime since it is the season for staying indoors and DXing. What do you think? My address is 16 Ledgewood Drive, Yarmouth, ME 04096."

If you're interested and would like more information or have programs to send Mike, get in touch with him at the above address. A suggestion to Mike and other "computerized" DXers, however, which you may or may not know. ANARC has a Computer Information Committee, and I believe they have a software collection. The only address I have for them is 4347 29th Street S.E., Rochester, MN 55904. This is the address for their computer "bulletin board" as well, if you have a modem and are interested in BBS communications. 73!

DM

CONTRIBUTORS LIST*

MARCH 1986

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER
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TOTAL CONTRIBUTORS: 162

3	ABBINANTE, PHIL	IL IC-R71A	2	MARVIN, TIM	CA R600
2	ADAMS, ROBERT	MA R2000	1	MILLER, WILLIAM	CA
2	ADDISON, JOE	KS R600	4	MOLL, SUSAN	MI FRG7700
1	AKED, ROBER	FR 1650/2	5	MOMAN, DON	AB
4	ALEXANDER, HARRY	NJ	1	MOORE, ALEX	UK R7
1	ALEXANDER, RODNEY	IA IC-R70	2	MORIN, KATHY	ON RF3100
1	ALEXANDER, SAM	NC DX302	2	MOBER, ROBERT	IL
1	ALLEN, MICHAEL	CA R600	1	MUNSTER, RALF	GA R7/DR7
3	ATKINS, GUY	WA IC-R70	1	MUZYKA, BILL	NY RF4900
1	BEAL, HOBART	WA R4C	1	MUZYKA, WILLIAM	NY RF4900
2	BEAVER, WILLIAM	IN FRG7700	2	MCCANTS, DONALD	AL RF2200
4	BERRI, JASON	CA RF4900	3	MCKINNEY, LARRY	PA R1000
2	BINGHAM, FRANK	MA R7000	6	NEFF, GEORGE	OH ICF4800
7	BISHOP, FORREST	NY RF4800	3	NEUVERTH, MICHAEL	CO DX400
2	BLAIR, ART	CA NRDS515	2	NORCROSS, DAVID	CA
2	BOWDEN, RALPH	CA FRG7700	1	O'CONNOR, PETER	NH DX302
7	BREWER, DON	AR R1000	4	ORR, TONY	FL R600
4	BROWN, EDWARD	IL RF2200	5	PALMER, BOB	WA IC-R71A
3	BYRNE, MICHAEL	AU NRDS515	1	PASZKIEWICZ, SHERYL	WI NRDS515
1	CAMPBELL, BILL	CT R2000	1	PERDUE, NEAL	AL DX400
5	CARD, PETER	RI NRDS515	2	PERLMUTTER, MARK	MA IC-R71A
1	CATEY, ROBERT	IL	1	PHILLIPS, LOUIS	PA DX400
1	CIRONE, JOSEPH	NJ IC-R70	1	PIKE, ARTHUR	NM ICF6800W
3	CLAYTON, DAVID	MI R1000	5	QUAGLIERI, AL	NY EC958/3
1	CODAY, RICHARD	CA DX66	2	RADTKE, CARL	CA SFR4
4	COLE, JACQUELINE	CO FRG7000	4	ROBERTS, KEN	FL R2000
5	COLEMAN, ROBERT	MA FRG7	2	ROBINSON, BETSY	TN CR2021
1	CONWAY, PETER	UK 57J-4	3	ROCKER, RAYMOND	MS FT7578X
4	D'ANGELO, RICHARD	PA NC190	2	ROMANIN, GIORGIO	IT FRG7700M
1	DANKO, LARRY	NJ IC-R70	3	ROMBERG, BILL	WI RF4900
4	DENTON, STEVE	KY DX160	6	ROSS, ROBERT	ON TS430S
7	DICKERMAN, WILLIAM	PA DX400	3	RUHE, ROBERT	PA R2000
6	DILLON, PETER	MD DX400	1	RUTLEDGE, STEVE	MI IC-R71A
2	DONEGAN, PAUL	CA FRG7	3	SABLE, THOMAS	PA TS430S
2	DOWNING, RON	CO IC-R70	4	SAMPSON, DANIEL	WI R1000
1	DUGUAY, RICK	MA DX300	1	SAMS, MITCH	KS
1	DUNCAN, GREGORY	NC	1	SANDERSON, JACK	AZ R1000
2	EMERSON, TERRY	OR R2000	1	SCHEEL, MICHAEL	IA ICF2001
3	EVANS, JAMES	TN R2000	3	SCHLOSSMAN, MARC	CA FRG7
4	FALBO, ANTHONY	OR R1000	1	SCHMAUTZ, SCOTT	NY R2000
2	FAMULARO, RALPH	JP RF-B30	1	SCHULSINGER, MICHAEL	OH FRG7
4	FISHER, ALLEN	NM	5	SHAFFER, LAWRENCE	PA RF-B300
2	FLANNAGAN, MELVIN	VA	2	SHARP, DAVID	FL R600
2	FLEISCHAKER, TED	KY ICF2001	1	SHARPE, BRYAN	CA DX400
3	FORSGREEN, RAY	WI FRG7700	6	SHEEDY, DANIEL	CA IC-R70
4	FRASER, BOB	MA CR2021	2	SHIMADA, SENSHU	JP FRG7700
1	FRIBERG, JOHN	NH R2000	1	SOMERS, JACK	CA IC-R70
1	GEORGE, NELSON	NC IC-R71A	11	SOOMRE, ECK	MA R2000
2	GEORGE, STEVE	MA 885	3	STANLEY, TREVOR	AZ NRDS515
3	GERSTNER, JOHN	NY DX1000	2	STEIN, RICKY	NY FRG7700
3	GRUSSLING, LINDA	ID IC-R71A	3	STEPHENSON, NORMAN	CA IC-R70
3	GUNTER, JOHN	NC R2000	2	STONE, GARY	WA IC-R70
1	GUTTIERREZ, HECTOR	PR TS430S	5	STRANSKY, LARRY	NY R2000
1	HARDERST, MIKE	PA FRG7000	2	STREETER, ROBERT	NY R4B
1	HARDY, LE ROY	CA IC-R70	2	SYMINGTON, DARRYL	OH IC-R71A
3	HARRIS, MIKE	OH IC-R71A	2	THIM, WILLIAM	CT ICF2010
2	HAVRILKO, VINCENT	UK ICF2010	4	THOMPSON, GLENN	NM IC-R71A
3	HAWK, MICHAEL	VA ICF6800W	6	THOMPSON, PEGGY	CA FRG7
2	HEATON, JOHN	FL DX150	1	THUNBERG, BOB	PA R1000
2	HEINEN, WAYNE	CO R390A	1	TOWLE, LAIRD	MD
1	HENAULT, JOHN	MA IC-R71A	3	TRENT, JOHN	AK RF2900
4	HESCH, RUTH	NY R1000	1	TROTTO, RON	FL CR2021

1	HOLBROOK, HANK	MD HQ129	4	TRUMMEL, KEVIN	FG FRG7700
1	HOSMER, DON	MI IC-R71A	1	UERLINGS, JIM	OR SPR4
2	HUFFAKER, CARL	MX HOMEBREW	1	VALENTINE, F.A.	CA IC-R70
4	HUNT, BILLY	NC NRD515	1	WAELETERMAN, JERRY	MO CR2021
4	JOHNSTON, BRUCE	NY CR2021	3	WALLENHORST, ROBERT	OH ICF6500W
1	JONES, BRIAN	TX IC-R70	1	WEBER, DONALD	OH R2000
4	KEPHART, TOM	MI RF2600	2	WELCH, FRANK	MA ICF6800W
4	KERRIGAN, PATRICK	IL R1000	4	WESTENHAVER, WILLIAM	PQ ICF6500W
4	KLOPFENSTEIN, DAVID	OR NRC60	1	WEYRICH, CARROLL	MD RF4900
2	KUSALIK, EDWARD	AB FRG7000	1	WHITE, DARREN	MS R1000
3	LANBLOIS, HAROLD	FL	2	WILKINS, JOHN	CO R1000
1	LEHMAN, DIANN	MA R2000	2	WILLIAMS, JOHN	FL IC-R71A
1	LEONARD, MICHAEL	ME ICF2002	4	WITTE, MARJORIE	CA FRG7
1	LEWKOWICZ, ABE	MA ICF2001	2	WOERING, HAROLD	MA R1000
1	LINDLEY, TERRY	AL	2	YEAGER, CARL	PA
1	MAHONEY, MICHAEL	FL SPR4	3	ZIEBLER, EDWARD	ME R2000
1	MARGOLIS, ROBERT	IL	4	ZILMER, ROBERT	NM R1000
1	MARIE, VIRGINIA	NJ R2000	4	ZIRKELBACH, BOB	CA R2000
3	MARSHALL, RONAL	AZ			

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FOR SALE: SPEEDX, complete from Number 1 (July 1971) to December 1982. 138 issues in all. Best offer plus shipping. John C. Herkimer, 3233 East Avenue, Caledonia, NY 14423.

FOR SALE: Info-Tech M-200F RTTY/CW decoder, RCA monitor, cables and RTTY books. \$550 new, sell for \$325 or best offer. Jim Uerlings, 1437 Pacific Terrace, Klamath Falls, OR 97601. Phone (503) 884-7659 after 0115 GMT.

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FOR SALE: MFJ-941B antenna tuner, brand new in box. See page 9, December 1985 SPEEDX for review. \$75 or best offer, I pay shipping. Steve Rutledge, phone (313) 884-2382 after 2300 GMT.

FOR SALE: Realistic DX-160, excellent condition, \$60, I pay shipping. Harold Woering, 48 Campbell Drive, Easthampton, MA 01027. Phone (413) 527-6606.

FOR SALE: Hammarlund HQ-180A general coverage shortwave receiver with matching speaker and owner's manual. Excellent condition. If you're looking for a nice 180, this is it! \$200 and buyer pays shipping. Bearcat CP2100 computer controlled 200 channel scanner, for use with C-64. Complete in original box, includes software and cables. Used three hours. \$175 and buyer pays shipping. Speed Gray, phone (616) 676-2153 after 0000 UTC.

FOR SALE: "MEDIUMwaveguide" bandscan of Latin American, Caribbean, and Asia/Oceania DX. A listing of all loggings of MW DX in from these three areas, direct from the pages of *SPEEDX* - September '85 to February '86. Includes frequency, time, date, QTH where heard, language used, SIO, call sign, location of xmt'r, and the issue of *SPEEDX* it appeared in. Cost in \$.95 plus a 22 cent stamp or SASE. Over 100 loggings from around the world! 44 cent stamp plus \$.95 U.S. overseas. Dave Klopfenstein, 6007 Southeast Taylor Court, Portland, OR 97215.

FOR SALE: Realistic DX-302 with manual and box in good condition, \$175. Realistic Pro-2003 programmable scanner with manual and box, \$225. Benton Owsley, phone (805) 647-2637 between 0100-0400 GMT.

FOR SALE: Collins 390A in excellent condition with manual and extra tubes. Will deliver 150 miles from my home. \$250 or will also trade. Fritz Mellberg, Box 108, Hawarden, IA 51023. Phone (712) 552-2458.

FOR SALE: Kenwood R-1000 general coverage receiver in excellent condition. Modifications by Radio West: ceramic and Collins mechanical filters, slow-medium-fast AGC, DC jack. SP-100 external speaker and owner's manual also included, \$275. Victor Barz, Rm. 3208, Cross-Baits II, Ann Arbor, MI 48109. Phone (313) 763-2848 between 1200-1500 or 0000-0500 UTC.

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February thru May 1986

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