

FRIENDX



JANUARY 1985

FRENDX is the monthly publication of the North American Shortwave Association. All items contained herein with the exception of BBC WMS information may be copied by other bulletins providing proper credit is given to NASWA/FRENDX, the column editor, and original contributor. Target mailing date for FRENDX is the Friday before the first Saturday of the month. Contributions to the Log Report may be sent to the Distributing Editor whose address appears on the back cover.

THE COVER

This month's cover features Sr. Juan Carlos Codina of Lima, Peru. Juan has been on the DX scene for only a relatively short time, but in that period he has done such fine work that he was named International DXer of the Year 1984 by The Association of North American Radio Clubs (ANARC). Congratulations, Juan.

HAWAIIAN GET-TOGETHER

There will be a get-together of radio enthusiasts in Hawaii on Saturday, January 12, 1985. All types of listeners (LW, MW, SW, etc.) are invited. More details can be had by phoning Dale Park at (808) 523-1284 after 8:30 p.m.

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: Hammarlund HQ-180A with Torrestronics TK-1 digital frequency readout. In very good mechanical and operating condition. Some spare tubes included, as is the original owner's manual with alignment instructions and parts list. Asking \$550.00 Canadian. ALSO: Drake SPR-4 receiver. In very good condition. Has seen little use since last re-alignment performed. All major SWBC bands and tropical band frequency crystals installed. Asking \$350.00 Canadian. For further information, please contact Michael Bolitho, 106 Eastbourne Avenue, Toronto, Ontario Canada M5P 2G3. Telephone (416) 483-8992 local evenings to 0300 GMT or during the day Saturday and Sunday.

FOR SALE: ICOM R-71A. Five months old, like new in original carton with instructions. \$500.00 includes shipping by UPS. Gene Mack, 3659 Boone Park Avenue, Jacksonville, FL 32205. Phone (904) 384-9220 from 7:00 to 10:00 p.m. EST.

FOR SALE: DX-1000 by Bearcat-Uniden. Excellent condition. Has been modified by Radio West with 4 kHz ceramic and Collins 2.9 and 1.9 kHz filters. Asking \$499.00. I will pay shipping. Ray Jacobs, Jr., 30 North 41st Street, Camp Hill, PA 17011. Phone (717) 737-6017 between 2200 and 0200 GMT.

WANTED: Recent issue of the Radio Amateur Callbook, both U.S. and foreign editions. Almond R. Merrill, 15 Middle Street, Oakland, ME 04963. Phone (207) 465-2254.

WANTED: Drake RV75 VFO, mint or excellent condition only, please. FOR SALE: Gilfer M-1 Multi-tuner, \$20.00. Drake Model 2-B receiver and Model 2-BQ Q-Multiplier with manual, extra tubes and crystals. \$125.00. Everything in good condition. Two B&W Model 593 coax switches, \$19.00 each. Yaesu SP-901 speaker, \$23.00. I pay shipping. Steven R. Lare, 824 West 25th Street, Holland, MI 49423. Phone (616) 335-2270 from 1300 to 1400 GMT.

FOR SALE OR TRADE: Japan Radio NRD-515 with DX modifications by Radio West (3.8, 2.9, 1.9 kHz Collins mechanical filters) plus 6 kHz stock. Comes with matching speaker and owner's manual. Will sell for \$300.00 under current market price or trade for less expensive receiver plus cash. ALSO: Panasonic RF-2200 portable receiver, \$90.00. Both units include UPS shipping. Mark Gordon, 5428 Fulton Street, San Francisco, CA 94121. Phone (415) 752-2013 from 0200 to 0700 UTC.

WANTED: I would like to purchase blank QSL cards as provided by radio stations for verifying their broadcasts (e.g. R. Sweden, RCI, etc.) at the price of 1 IRC each. Please send me a list of what you have to offer. Dale Park, 2253 Kanealii Avenue, Honolulu, HI 96813-1345.

FOR SALE: Radio West Loop Antenna with LW, MW & SW coils. Drake AL-4 Loop Antenna for SPR-4. Uniden 2021 receiver. Best offer. Joe Coleman, 157 Walton Place, Lansdowne, PA 19050. Phone (215) 626-3376.

Shortwave Center

January 1985

Editor: John C. Herkimer, 3233 East Avenue, Caledonia, NY 14423

Welcome to the new year! Here's wishing you all the very best in 1985 and with it loads of good DX and QSLs.



(Editor's note, Sam Alcorn, a regular SWC contributor and successful writer for Dow Jones Radio, recently visited Grenada on assignment for a travel magazine. While there he investigated the possibility of resumed SW activity. His report follows.

Prior to leaving for Grenada, Sam discovered this article in the 10/25 New York Times:

"Along with the opening of the airport, United States officials expect the Grenadians to begin operating a new \$800,000 commercial radio transmitter that will replace the one destroyed in the invasion by United States bombs...."

He also spoke with Grenadian Consulate Joseph Burke about the new transmitter but the Grenadian mission in New York was unsure of what was going on in Grenada. The interim government's Director of Tourism was also contacted by Sam before leaving and he expressed optimism the country would have something on the air by year end. Shortwave? That remained to be seen. Sam left for Grenada in mid-November.



Report from Grenada

by Sam Alcorn, 64 Midland Blvd., Maplewood, N.J. 07040



Here's what I learned in Grenada.

Grenada has no immediate plan to return to shortwave, according to a Radio Grenada official I met in St. George's.

However, not all is so bleak. The official said the station would eventually return to the shortwave bands at some future date, adding the island nation has access to a shortwave transmitter when it is ready.

The good news is that Radio Grenada (I was admonished for referring to the station as Radio Free Grenada. "Free" was dropped because of the revolutionary ring and association with the former Bishop government) is alive and getting better on medium wave. The station is currently operating on 535kHz and 990kHz with about 10kW and a limited broadcast day.

The station's hours are 5 a.m. to 8 a.m., 10:45 a.m. to 1 p.m. and 3 p.m. to 9 p.m. On Sundays, the last transmission is from 5 p.m. to 8 p.m. All times are Eastern Daylight Time.

The station official says Radio Grenada, which IDs as "This is Radio Grenada", is being heard along the eastern seaboard of the United States. The station recently received three reports from New Jersey listeners on the 990kHz frequency.

As I was leaving the country, Radio Grenada was putting the final touches on the 535kHz transmitter facility with plans to boost the power to 20kW from 10kW and extend the broadcast day from 5 a.m. to 11 p.m. EDT. The change was expected to happen November 18, but knowing Caribbean time and penchant for delay, that probably won't happen for another few weeks.

Radio Grenada was generally playing American and British pop music with a smattering of calypso and reggae. That's somewhat disappointing because when I go some place I like to indulge in the local sounds. Hearing Culture Club and Tina Turner in an exotic island setting like Grenada isn't exciting.

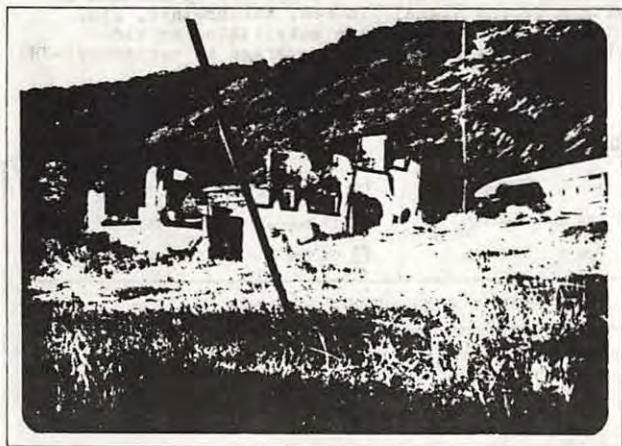
I came across the former Radio Free Grenada facility which conveniently enough was located about 300 yards down Mourne Rouge from where I was staying. The facility has a spectacular view of Grand Anse Beach directly below and St. George's harbor in the distance.

All that is left is a bombed out white structure. The walls are barely standing. The property is fenced in and padlocked. The Cinnamon Hill Inn is adjacent to the station and the manager spoke with wonder at the surgical bombing of the station. The inn and other adjacent properties were untouched.

The station must have had plenty of ammunition stored there because the locals said for three days after the bombing they heard explosions from the facility.

The Radio Free Grenada antenna is still in place and from what I could see untouched by the intervention. It's about 30 yards or so from the old station and sadly enough spoils a beautiful view of Grand Anse Beach from the balconies of the Cinnamon Hill Inn. Locals told me the old tower will be dismantled shortly.

The station is also very close to the St. George's Medical School where the U.S. Army Rangers came ashore. Just down the road is where Gen. Hudson Austin planned to kidnap American students on a bus returning to campus, say local residents. The plan was foiled.



Two views of the bombed Radio Free Grenada building (photos by Sam Alcorn)

Also nearby were Cuban workers. They stayed, eight to a room, in shacks lining Mourne Rouge. The Rangers drew fire from several of the shacks as they came ashore. Those buildings were soon destroyed. After the rescue mission, the Grenadian government decided to tear down the remaining buildings to make way for a park. The shack area is often used by tourists walking from the inns to the beach and is an eyesore.

While many SWs will criticize the old Radio Free Grenada's slogan chanting and revolutionary tone, I rather enjoyed it all. It gave me a front-row seat for one of the biggest news stories of the decade. The day of the intervention in October 1983 (when everyone was pronouncing Grenada as Gra-nah-da), I felt I had a personal stake in history.

One other Grenada tidbit: Remember how some hobbyists were saying that the Radio Free Grenada obituaries were coded messages to the Cubans? Well, you might appreciate knowing that Radio Grenada continues to broadcast obits each night and they sure sound an awful lot like RFG's.

(Final note....On his return to the U.S. Sam logged Radio Grenada on 535kHz at 2315 GMT with a decent signal. Indeed, the brother, Jim, bagged them one night here on the R-70 while babysitting my kids. With such a potent signal, one wonders if SW coverage is necessary!-JH)

GONE BUT NOT FORGOTTEN....

<input type="checkbox"/> Grenada 500 W 535 kHz <input type="checkbox"/> Carriacou 25 W 1045 kHz <input type="checkbox"/> Dominica 500 W 695 kHz	<input type="checkbox"/> St. Vincent 500 W 705 kHz <input type="checkbox"/> Chateaubelair 25 W 1535 kHz <input type="checkbox"/> St. Lucia 250 W 1575 kHz
---	---

SHORTWAVE FREQUENCY SCHEDULE

To Eastern Caribbean		To Jamaica		Special Broadcasts		To British Isles	
MHz	GMT	MHz	GMT	MHz	GMT	MHz	GMT
<input type="checkbox"/> 9.55	1545-1800	<input type="checkbox"/> 15.105	1545-1800			<input type="checkbox"/> 15.105	1945-2130(W)
<input type="checkbox"/> 5.015	1545-2245		1 45-2245			<input type="checkbox"/> 21.69	2015-2130 (S)
<input type="checkbox"/> 3.28	2155-0215	<input type="checkbox"/> 11.97	2315 0215				

(S) = March-October; (W) = November-February; Power 5 Kw

WINDWARD ISLANDS BROADCASTING SERVICE

Head Office: — Verifying reception correctly reported
 BROADCASTING HOUSE, Date: — . & .) 7.8.70.
 GRENADA, Time: — 01.40 g.m.t.
 THE WEST INDIES. Freq: — 11.97



Some comments on the interview with Jerry Berg... "This is to let you know how enlightening and enjoyable the Jerry Berg interview was.... In my 5-plus years as a member I recall vividly other interviews with Ed Shaw and Glenn Hauser as well. These all-to-few interviews offer more to the membership than months of gleaning info and slowly gaining experience. Their insights have been among the most valuable influences on my SW "career"... "Your interview with Jerry Berg was most interesting. His comments seem very "down-to-earth" and parallel my views on the hobby, particularly his views on the "DX vs. program listener" and "lack of support". I'd like to see other interviews/features etc. on prominent or well-known DXers in the future"... "Got FRENEX today and really enjoyed the Berg interview!"

Thanks, everyone, for taking the time to drop me your encouraging notes and you'll be happy to know that we intend to continue the interview feature, perhaps more frequently. And to Jerry, thanks again! In his words, "It was great fun indeed!"



Computer Corner

Editor: Bill Cole / 107 Charles Street / N. Cape May, NJ 08204

Here we are, January 1985. All those new receivers and computers are broken in and providing service. Maybe that new home computer is an Atari. If so, this month's CC has something for you. You may have noticed the add in FRENCH for a radio file program for Atari. A letter of inquiry brought a wealth of information from Bill Potorti, who wrote, and is marketing the program.

TARGET FILE

Target file is a menu-driven filing system for keeping records of selected radio stations. Written entirely in Machine Language for Atari Computers, it requires a system with at least 48K of RAM.

It is capable of storing and manipulating 240 records at one time (10 records per hour X 24 hours). Each record contains the information for one station. Space is provided in each record for: country, station name, 3 frequencies and comments. 240 individual records compose a file. There is no limit to the number of files that can be created (e.g. you might have one for English Language stations, one for Peruvians, one for Clandestines, etc.). The program is divided into 7 sections:

1. MENU-provides access to major sections.
2. VIEW-displays records. Use cursor keys to scan upwards or downwards through the hours. The records for each hour are divided between 2 screens (5 to a screen). You may also edit or delete selected records through this section as well as printout individual records if you have a printer.
3. ADD-handles entry of new records. Country and Station name may each be up to 15 characters in length. Room for 3 Frequencies per record is provided along with 33 characters of space for Comments. (e.g. language, programs, etc.)
4. CREATE-this section erases any file present and creates a blank file base for beginning a new file. You may also change the frequency designation to suit the frequency range of the stations you'll be entering. For example, KHZ may be used for a shortwave file, MHz for VHF or scanner file, etc.
5. LOAD/SAVE-will display files on disk (for a disk based system) and load or save files. Each file takes approximately 274 disk sectors. 3 files can be placed on a disk if DOS/DUP are omitted. A cassette based version of the program is also available.
6. SEARCH-files can be searched in 4 ways: country, station, individual frequency or range of frequencies. All records will be searched for matching data and any matching records displayed on screen or printed out.
7. PRINTOUT-in addition to the individual record printout offered in the VIEW section and printout offered as the result of a SEARCH, this section will printout all records falling within a range of hours that you designate.

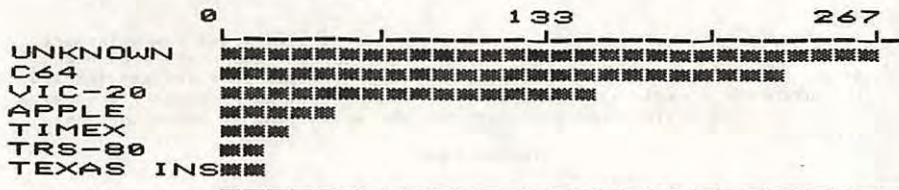
TARGET FILE was designed not so much as a general log, but as a means to organize target stations that you may be hunting for. It is based on the premise that if you do your "homework" before you begin listening, you're apt to have greater success. Adding, deleting and updating records is easy and straightforward. The search modes are extremely flexible. For example, suppose that you wish to concentrate on Chinese Stations. Entering the SEARCH section, choosing search by country, and entering "CHINA" will list all records of Chinese Stations. If you are interested in scanning a particular band, choose a frequency search and set the range parameters. This will result in a listing of all records within the selected range.

While having a printer to produce hardcopy is a distinct advantage, it is not necessary. TARGET FILE was designed to send only standard output to a printer (no special graphics or characters) in a 40 column format to allow the use of most if not all Atari compatible printers.

TARGET FILE comes complete with instructions for \$15.00 ppd. (you must specify Atari Model and whether cassette or disk version is desired) from: Bill Potorti, 812 Plumas St., Reno, NV 89508

Bill Krause of ANARC's Computer Information Committee sends along the following information: He has been swamped with program requests and reports that the wait for programs is about 3-4 weeks.

ANARC COMPUTERS



This graph will give you some idea of the computers currently used in the hobby. Maybe I should start featuring programs for the UNKNOWN brand as it is obviously the most popular.

W. Noel Brown of Auckland, New Zealand writes to say that he DXes with a FRG-7 & COLLINS R-390. He computes with the FRANKLIN ACE 1000 which is APPLE compatible. Since the New Zealand dollar is worth much less than the U.S., Noel complains that software costs an arm and a leg. He currently keeps his DX records with Nibble Express Vol. III a commercial program which he has modified to keep track of stations heard for reporting to the New Zealand DX Club.

A quick call to ANARC reveals that they have 6 APPLE programs available. How about anyone having public domain shortwave software for APPLE sharing it with Noel? Correspondence can be addressed to: W. Noel Brown, 221 St. Johns Road, Auckland 5, New Zealand.

Andrew O'Brien, who is associated with DX NEWSLINE, DXes with an R2000 and recently added a C-64 to the 'shack'. He says that his main use of the '64' will be to log data. Andrew is interested in building a radio database so that he can, "punch in a frequency and get a quick display of all stations using said frequency. Also cross reference by time, country, etc."

He wonders if it can be done with just a Datasette. The answer is, of course, yes. I suggest that Andrew contact ANARC for a copy of SKL's Guide, a RAM file pseudo-database that allows station access by: time, frequency and station name. For a truly efficient database, a disk drive is needed.

Finally, Andrew complains of the RFI generated by the computer which gets into the TV he uses as a monitor and into his shortwave. The TV and radio are two different problems. In using the TV as a monitor, both video and audio signals from the computer enter the TV via the same input. The buzz or hum is caused by video signal getting into the audio stages of the TV. Try fine tuning the TV or switching the computer to the other channel (for Commodore 3 or 4). If neither of these work, there are more expensive possibilities. You could have a TV Technician add a filter to your TV to keep the video out of audio sections. Probably the most expensive, but also the best solution, buy a monitor. Commodore 1701 and 1702 monitors have separate audio and video feeds which eliminates the problem. RFI to your shortwave can be coming from several places. The tuner on your TV can be a remarkably efficient antenna, radiating unwanted RF all over the place. When your TV is being used as a TV do you still get RFI? If so this is your problem. Try shielding and grounding the TV. ALWAYS have a good ground for

the shortwave. Your datasette can also be an effective antenna. If you have the 1530 C2N Datasette, there is a ground strap attached to the plug. Attach this to the metal outside of the phono type plug on the computer TV cable. This will ground your Datasette to the computer chassis. Commodore disk drives give off RFI in the 10MHz range, this should be no problem. The CPU gives off some radiation in the 15MHz range, but my computer set up is within 3 feet of the shortwave and I have no serious RFI problems. The rule of thumb is good grounding and shield if necessary.

NEXT MONTH: Doug McClure has put together QSL addresses, a RAM file database filled with the addresses of many popular shortwave stations.

Another clipping from Malaysia, courtesy of Ralphus....

NEW STRAITS TIMES

timesnational

Satellite town plan for former BBC land



DATUK AJIB

JOHORE BARU, Wed. — The Government will develop the 203 hectares of land formerly belonging to the British Broadcasting Corporation (BBC) in Pelentong, 15km from here, into a satellite town when the economic situation is better, Menteri Besar Datuk Ajib Ahmad said today.

"As it is, many private housing developers in the State are facing difficulty in selling their newly built houses because of a slump in the market."

He said the Government was going ahead with its plan to include a sports complex in the overall development of the former BBC site despite criticism from several quarters.

Agreement

"We will try to explain the rationale behind the Government's decision to the dissatisfied quarters in due course."

However, he declined to elaborate on the details of the development plans for the area described as one of the last few

remaining plots of prime land in Johore Baru.

It is reliably learnt that the State Government will develop the site on an equity participation basis in which the present owner of the land, Taman Molek Sdn Bhd, will have 40 per cent ownership, the Johore Foundation 40 per cent and a group of Bumiputera Industrialists the remaining 20 per cent.

Late last year Datuk Ajib announced that the State Government had "struck a gentleman's agreement" with Taman Molek in the development of the area in which neither the State nor the company would "lose or gain too much."

Based on the original plan drawn up some time back, about 75 per cent of the site would be set aside for construction of medium and low-cost houses.

The remaining 25 per cent of the land will be reserved for a \$50 million sports complex which will incorporate a 20,000-capacity stadium with

soccer and artificial turf hockey pitches, an Olympic-sized pool, a running track and a residential college for sportsmen and sportswomen in the State.

The decision to set aside 25 per cent of the land for sports facilities had drawn strong opposition from several quarters.

Uproar

The Government sold the land to BBC for a nominal sum of \$24 per hectare for broadcasting purposes in 1954. But when the BBC ended its operation in Johore in 1976, it sold the land to Taman Molek for \$3.4 million without consulting the State Government.

The transaction resulted in a public uproar over whether the BBC had any right to sell the land and the Government had since then been pressured by several quarters to get the land back from Taman Molek.

The land is currently valued at about \$8 million. — Bernama



Editor: James G. Herkimer, 3255 South Drive, Caledonia, NY 14423

Uniden CR 2021 vs. Sony 2001

My Sony 2001 portable, after a few years of use, was showing signs of wear: non-functioning pushbuttons and extreme scratchiness in the volume and antenna compensator controls. The opportunity to obtain the Uniden 2021 at an incredible price reduction prompted me to consider replacing the 2001 with the new CR 2021.

Readers are encouraged to refer to Larry Magne's excellent review of the CR 2021 in the 1984 World Radio-Television Handbook, as well as John R. Tow's "CR 2021 Review" in the October 1984 FRENEX.

As Larry Magne has already mentioned, the CR 2021 has several improvements over the earlier 2001, most notably, the use of soft, rubberized pushbuttons which have considerably less resistance to the touch than the 2001. Also noteworthy are the skirted knobs used in the antenna adjustment, BFO pitch, tone, and volume controls, which should provide some protection from dust entry. The 3-position attenuator switch, labeled "DX-Normal-Local" has been relocated to a position on the front panel, which is less cumbersome than the side-mounted slider switch on the 2001.

The earphone jack is a standard 1/4" size, which is an improvement over the smaller 1/8" miniature jack used on the 2001. Using conventional communications headphones with a mini-plug adapter on the 2001 has resulted in several mishaps due to the obtrusiveness of the plug combination protruding from the jack. The CR 2021's 1/4" jack also accepts stereo headphones, with the mono-to-stereo conversion provided in the jack wiring. While I do not advocate the use of stereo headphones for accurate speech reproduction (due to the wide response), they are an immense improvement over the single miniature earphone often supplied with portables, and provide excellent fidelity on FM.

There is also a sharp selective filter position available in the CR 2021 which our good friend Gerry Thomas tells us is the muRata CFM-455-I (4 kHz at -6 dB and 10 kHz at -60 dB.)

Performance-wise, the antenna adjustment control peaks quite sharply as compared to the coarser antenna compensator thumbwheel control on the 2001.

The built-in power supply in the 2021 gets quite warm when the receiver is left plugged in for long periods, as does the wall transformer used in the 2001, even when both receivers were turned OFF.

Using A.C. power and the built-in whip antenna, sensitivity on the 90 meter tropical SWBC band was dismal, while the 2001 provided many stations at comfortable listening levels. Similarly, at local sunset, there were several West African stations on 60 meters noticeably missing on the 2021 that were quite audible on the 2001. On the higher frequency bands, however, the sharper filter in the CR 2021 allowed reception of stations hopelessly buried in interference on the 2001.

Absent from the CR 2021 is the tape recorder jack found in the 2001, although several users found the level obtained from the 2001's record jack inadequate for their cassette recorders.

I found the LCD frequency readout on the CR 2021 difficult to read unless the viewing angle was centered directly over the display.

Despite the aforementioned disadvantages or flaws, the CR 2021 is an excellent value, particularly in reference to the enormous price reductions made available by several dealers. Only the serious tropical band DXer should be disappointed with the CR 2021's performance.

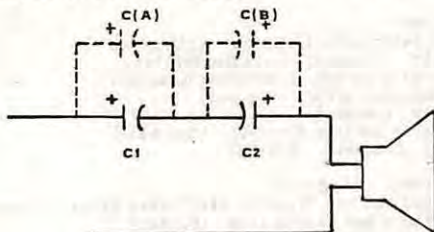
--- Missouri Radio Center, 2900 N.W. Vivion Rd., Kansas City, MO 64150 is still advertising the CR 2021 at \$ 89.00. Their toll free number is 1-800-821-7323. (JH)

A SIMPLE HIGH-PASS AF FILTER

Gerry Thomas

"Compromise" is the operative word in the design of many of the multi-band portables that are available today ("flexibility" raises costs). As a result, we see radios with single (too-wide) IF passbands, one tone control instead of two, and so on.

In this regard, the Sony ICF-6500W was designed with a speaker with a pronounced low frequency peak which sounds great on the FM band but is murder if you are trying to ID the weak, undermodulated voice signals that often characterize good DX. The single tone control on the 6500 is really a low-pass filter that exerts noticeable control over the treble, but has little effect on the bass. If you are bothered by the excessive bassiness of the 6500 (or, to a lesser extent, the Uniden CR-2021), try the following simple high-pass filter.



C1 & C2 ... 47 UF ELECTROLYTIC 25VDC
C (A & B) -- 10 UF ELECTROLYTIC 25VDC

Installation is easy on the 6500---remove the five screws from the back of the Sony; pull the knobs off the front and remove the front cover; and release the claws holding down the speaker. De-solder one speaker lead and solder one end of the capacitor circuit to the wire and the other end to the speaker terminal.

Try different capacitor values. Start with just the two 47 uF caps; if you want more bass, increase the value; less bass, decrease it. Realize that as you decrease the amount of bass in the audio, the apparent loudness of the signal decreases, so experiment around. For my ears, "perfect audio" resulted with between 50 uF and 60 uF capacitance. A value of 57 uF was attained by adding the 10 uF caps (CA and CB) across (dotted lines) the 47 uF caps.

The improvement in readability is quite satisfying, especially on weak stations that reside under the loud, thumping powerhouses.

In a recent letter, Gerry Thomas mentioned some his findings with the ICOM IC-R70: "The AGC on my R70 kicks in and locks up pretty readily in the presence of moderately strong signals. The dynamic range of the front end is pretty good but is aurally masked by the trigger happy AGC. The solution to this, of course, is to turn the AGC off and manually control gain via the RF knob. The second thing that concerned me regarding the R70 was its' unexpectedly poor ECSSB ability. Readability was almost never improved (re: AM) using LSB, and was even worse using USB. Signal levels were noticeably weaker aurally and on the S-meter. To rectify this situation, I placed a jumper across R134 (15 kOhm) on the main board. Signal levels on ECSSB are much improved and voices usually just jump out of the hash (because the masking lower frequencies are outside the passband.) By combining both the manual GC and the ECSSB with the improved LSB circuit, I'm now very pleased with the R70's performance. What I do typically is set the tuning rate at 100 Hz, set the RIT so that CW-W will also be zero beat with the signal, set the FBT pretty much at 12 o'clock, and start scanning the band(s). When I come across an interesting carrier it will automatically zero-beat when tuning in 100 Hz steps, and if I want to get farther away from the interference, press CW-W and the RIT "On" button."

Many thanks, Gerry. Once again, we're out of room! I hope everyone had a joyous holiday season. *73-Jim*

SWC Index - 1984

compiled by Dave Maxfield

INDEX TO SHORTWAVE CENTER 1984

By David E. Maxfield, INDEXer

	<u>Month</u>	<u>Page</u>
ANTENNAS		
Antenna Phasing System (Connelly)	Dec	11
An End-Fed Hertz Antenna, (Falkenhan)	May	5
Feedback (Tuchscherer)	June	13
AWARDS		
The NASWA Awards Program (Kapinos)	July	54
BROADCASTING STATIONS		
Broadcasting in Newfoundland, Canada (D'Angelo)	Mar	14
Church on the Air (Vittengl) ,Radio Veritas,	June	10
External Services: A Survey of Motives (Pappas)	Mar 10, Apr	17
The Impact of Empires: Africa (Pappas)	Oct	15
Indonesian Update (Sparke)	June	3
Polish Pathfinders' Station Close-Up (Campbell)	June	4
Radio Luz y Vida ,Honduras, (Field)	May	3
Radio Moundou: Chad (McDaniel)	Apr	14
Radio New Zealand and Its "Pacific Link" News Tapes, (Symmes)	May	8
Radio South Africa's New Year's Flop (Pappas)	Feb	11
Radio Tarma, Peru, (Bolland)	Nov	15
Seventy Years of Broadcasting in Belgium (Wood)	Aug	9
A Visit to the People's Republic of China (Poppin)	Feb	3
WINB: Red Lion, Pa. (Field)	Aug	7
BROADCASTS SCHEDULED		
In English, By Country, Feb 1984 (Ferguson)	Mar	15
To North America, By Language (Legge)	Feb	15
In English, May 1984 (Legge)	July	12
In English, Nov 1984 (Legge)	Nov	16
Update	Dec	14
CLANDESTINE STATIONS		
Radio In and For Kampuchea (Cosier)	Aug	1
COMPUTERS		
DX Newsline: 301-953-0777	Oct	52
Further Exploring Computer Interference (Gunderson)	Jan	15
Home Computer as an Aid to the Visually Impaired DXer (Krause)	Sept	5
More on Computer RF Interference (Katz)	Feb	6
NASWA, Log Processor ,a program, (Cole)	Dec	7
NASWA Log Report: A Computer Program (Cole)	Apr	5
SWL Locator ,a program, (Folchlopek)	Aug	3
A Program to Write Your Reception Reports, (Cole)	Nov	10
UBIX Bulletin Board Service (Cunningham)	Jan	12
DXING/SWLENG		
DXing in Europe (Schmitz)	Mar 8, May 12, June 8,	Sept 11
DXpeditions (Valko)		June 11
A Few Tips on DXpeditions (Bolitho)		Apr 12
Gray-Line DXing the Tropical Bands (Tuchscherer)		Mar 5
Here and There (Aloorn)		Aug 14
Is Tristan da Cunha Impossible ? (Tristan Tom)		Apr 15
Latin American Reception in Japan (Hirahara & Inoue)	Oct 2,	Nov 1
Local-Quality DX: An Underrated Pleasure (Campbell)		Feb 6
Marlin, Field Travels Via Airwaves (Ziegler)		Apr 7
The Flight of the Novice DXer, (Robins)	Oct 8,	Dec 9
HUMOR		
The DX Laws of Senor Feliz Navidad (Sizer)	Feb	4
The Taming of the Sleuth (Warner)	Jan	15

SWC Index (cont'd)

	<u>Month</u>	<u>Page</u>
INTERVIEWS		
Jerry Berg (John Herkimer)	Dec	2
Gerry Dexter (John Herkimer)	Mar	2
George Jacobs: A Passion for Radio (John Herkimer)	Feb	1
Don Jensen (John Herkimer)	Jan	5
INDEXES		
Index to Shortwave Center 1983 (Maxfield)	Jan	8
SWL/DX Articles in "Popular Communications" 2/82--3/84 (Maxfield)	Apr	8
INTERFERENCE		
Further Exploring Computer Interference (Gunderson)	Jan	15
More on Computer RF Interference (Katz)	Feb	6
RF Lighting, (Robins)	Jan	10
LITERATURE		
Harris's "Broadcasting from the High Seas" (Bolitho)	Aug	13
Lloa's "Aunt Julia and the Scriptwriter" (Perry)	May	9
Magne's "Radio Database International"	Apr 4,	June 26
Publications, (Ward)	Apr	27
NEWS		
Radio During Polish Crisis (Pappas)	Sept	14
OBITUARY		
Oliver Perry Ferrell, 1920-1984 (Young)	June	2
PIRATE STATIONS		
The Pirate Question (Robins)	Feb	12
Pirate Radio, (Mr. Blue Sky)	Sept	13
RECEIVERS		
Considerations on Homebuilt Receivers (Perolo)	Nov	12
Do Manufacturers Meet DX/SWL Needs?, (Insinger)	Aug	8
Modern Receiver Design and Short Wave Listening (Enkenhus)	Sept	7
Electra Bearcat DX-1000 (James Herkimer)	Mar	11
ESKA RX-99PL Receiver (Pickard)	June	12
ICOM IC-R70 (Jim Herkimer)	Aug	15
ICOM IC-R7/A (Decker, Dellit)	Apr	9
ICOM IC-R71A (Tow)	July	9
Sony ICF-2002 (Insinger)	Mar	12
Sony ICF-2002 Reviewed from East Africa (Robinson)	May	1
Uniden CR-2021 (Tow)	Oct	10
Modifications for the JCR NRD-515 (Sherwood)	May	4
STAMP COLLECTING		
Radio Stamps (Carleton)	July	2
STEREO STATIONS		
Opelikan Plans First Shortwave Stereo Station (Thomaston)	Aug	26
VERIFICATION		
It Was a Night of Victory, But Not for Me (Moritz)	Oct	13
NASWA Country List,	Apr	54
Nibi-Nibi: Hoax or Satire? (Callarman)	Sept	2
A Note on QSLing: From Honduras (Moore)	June	7
Pennant Collecting (Field)	Nov	5
Should NASWA Accept Tape for Awards?, (Robins)	May	6
Feedback	June	11
Verifications (Tutak)	Feb	13
Verifying Chinese Regional Stations: A "P.S." (Berg)	Jan	11



Thanks Sam, David and Ralphus! It's hard to believe but next month will complete my second year as SWC editor. Because of your support, it's been my pleasure. You do believe me don't you?

Until next month, 73-

Hank



Pappas on Programming

EDITOR: NICK PAPPAS
8570 CEDAR COVE DRIVE
ORLANDO, FL 32811

BUILDING BRIDGES:

THE IDENTITY CRISES WITHIN INTERNATIONAL BROADCASTING.

All broadcasters face the common problem of building and maintaining an audience. Here in the United States radio broadcasters on the whole are intent on reaching a certain segment of the population, and they present their programs in such a way that that segment can identify itself with those programs. For example, a Christian radio station may broadcast a Jerry Falwell sermon in an attempt to reach those members of the radio audience who are, by nature, religious. At the same time, a local FM outlet intent on reaching an audience between the ages of twelve and twenty-five may broadcast a Talking Heads concert. The overall effect of this attempt at gaining an audience within a certain segment of the population has been specialization among radio stations, and often program specialization within the station itself.

Unfortunately for the international broadcaster, the luxury of a specialized audience does not exist, and international broadcasters are faced with the problem of selecting programs they feel their foreign audience can enjoy and identify with. A major difficulty in the program selection process is that the desired audience is, for the most part, broadly based. Rather than attempting to reach a rural audience with a preference for country and western music, the international broadcaster tries to reach a nation as a whole, and generally attempts to present programs with mass appeal.

Another hurdle faced by international broadcasters in program selection is the attempt to recognize and reconcile cultural differences between the broadcasting country and the target area. For a station to maintain an audience, it must present programs which foreign listeners can, at least to some degree, identify with. For example, how many North American listeners regularly listen to Libya's Radio Jamahiriya to hear readings from Co. Qaddafi's Green book?

Each international broadcaster has its own unique way of approaching its foreign audience. A few, such as Radio Denmark, simply ignore the differences in cultural identity by presenting programs solely reflective of the originating country. (Radio Denmark goes as far as ignoring the fact that there are only 5.5 million Danish-speaking people in the world by presenting its programs exclusively in Danish.) Others attempt to mirror the culture of the target area by presenting news, music, and other programs reflective of the culture of the target area with little mention of happenings in the broadcasting country. This program strategy occurs most often in broadcasts to the Middle East and other Third World areas. Most international broadcasters, however, employ a "middle-of-the-road" strategy and retain their national identities through the presentation of news and cultural programs reflective of the originating country in a manner that is culturally acceptable to the target area.

Various programming techniques assist the international broadcaster in forging a cultural bridge between himself and his foreign target audience. The purpose of this bridge is to span the cultural void existing between the broadcaster and his various audiences by presenting his programs in a manner familiar to his intended audience. The most basic of these techniques is broadcasting in the language spoken by the target audience. Ideally, announcers employed with a particular service should be well-versed in the particulars of that language, i.e., slang, innuendos, etc., and should have the spoken accent of the area the service is intended to reach. Radio Habana Cuba and Radio Korea have both had success with these finer points.

Many international broadcasters have "personality programs" built into their schedules, such as those hosted by Ian MacFarland and Tom Meyer. These programs present the listener with recognizable voices which essentially become friends and teachers to those sitting in front of their receivers. One of the most successful personality programs was "This is Santo Domingo," hosted by Rudy Espinal on Radio Clarin. Rudy presented the Dominican Republic to his radio audience in a relaxed and friendly manner, and his audience was most receptive.

Let's face it, we all love to hear our names over the radio, right? International broadcasters are aware of this fact, too, and use their knowledge by bridging the cultural gaps through music request and mail-bag programs. Listeners receiving over-the-air responses to their requests or questions tend to feel a certain kinship toward those stations for a long time. On the personal side, I can recall sending a reception report to Radio Cairo about twelve years ago, and three weeks later flipping on the receiver to 9475 kHz, right at the start of "Name Calls from Egypt." There it was: "This is Cairo calling Nick Pappas. Radio Cairo calling calling Nick Pappas!" I still have a warm spot in my heart for those guys. I'm a fan for life.

Fortunately, there is no set formula for building the cultural bridge. Each broadcaster attempts it in his own way. Lucky for us, as these diversities in approaches help retain the individuality of each station and provide the listener with a multitude of choices. The next time you listen to an international broadcaster, look for the cultural bridge. It's nice to know that some broadcasters are willing to meet us half way.

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: MFJ-1024 Outdoor Active Antenna in excellent condition. Less than one year old. Comes with 50 feet of coax cable. Lists for \$129.95. Will sell for \$75.00. Robert Fleck, P.O. Box 566, Colleyville, TX 76034. Phone (817) 485-5599 from 0000 to 0300 GMT.

FOR SALE: ICOM R-70 with every published modification including 3.8 and 1.9 kHz Collins filters. Original carton and manuals. Incredible improvement over stock R-70. Price \$650.00. Jim Fedor, Box 1923, Escondido, CA 92025. Phone (619) 745-4503.

FOR SALE: Galaxy R-530 and SC-530 speaker with manuals, \$175.00 shipped UPS. FRENDX - complete 1984, \$5.00. Confidential Frequency List (4th edition); How to Listen to the World (5th edition); \$2.50. 1971, 1972, \$3.50 each. How to Improve Short Wave Reception #3; N.R.C. Domestic MW Log 70-71; N.R.C. Latin American MW Log 71; \$2.50 each. Shipping included. Cashier's check or Money Order, please. Al Drehman, Route 2, Box 3B, Tryon, NC 28782. Phone (704) 894-3398.

NOTICE: M.J. Stutterheim, 510 Main Street, #732, Roosevelt Island, NY 10044 has a list of LW, MW, and SW equipment for sale. Since the list is too long to print in FRENDX, please write to the above address for a copy or call (212) 838-5182.

NOTICE: Reid Mooring, 7115 Seminole, Pinehurst Addition, Baytown, TX 77521 writes that he is interested in purchasing any shortwave receivers in good condition and also past issues of the "The World Radio TV Handbook." He asks that you give full particulars concerning the receivers in your first letter.

NOTICE: DECALCOMANIA, the club for collectors of promotional material and recordings from broadcasting stations, will be moving its publishing operations effective January 15, 1985. After 2½ years on the west coast, published by Mark Strickert, the bulletins will now be produced by David C. Lasky, RD #1 Hillcrest Avenue, Olean, NY 14760. The club's publicity/promotions activities will continue in Berkeley. The club membership is composed of many people interested in radio and TV and who collect station paraphernalia like stickers, T-shirts, pennants, QSL cards, etc. The club bulletin is published ten times a year (with the possibility of going monthly). Dues are \$6.50 per year US, US\$7.00 to Canada, and US\$14.00 for airmail elsewhere. Send checks or postage for sample copies to DECALCOMANIA, Box 355, Berkeley, CA 94701-0355.



JANUARY 1985

Listeners Notebook

GLENN HAUSER, Box 490756, Fort Lauderdale FL 33349

PROPER CREDIT

Other publications, and broadcasters, may use material from LN, provided due credit is rendered to the original reporter and the NASWA Listeners Notebook. This courtesy does not extend to closed organizations which do not allow reciprocal access to their publication. BBC Monitoring Service items (designated WBI for World Broadcasting Information) are copyright and may not be reproduced without BBCMS permission. The most important items have been broadcast immediately on WRNO WORLD OF RADIO or RCI SWL DIGEST, not otherwise mentioned herein. All contributions to LN are gratefully received, but your editor cannot promise a personal reply because of severe time constraints. Material for LN should be marked as such each time (not just on the envelope), as input for other gh outlets also comes to Box 490756. Reports to gh should not be cut into little strips. It also helps if you use one side of paper only, and do not mix LN items with other correspondence. All times, dates and days are day/month GMT=UTC, u.o.s. Please do not ask me for advice on receivers or other equipment. Thanks (gh)

AFGHANISTAN R Afgh D84 THFBS amendment shows 6085 0130-0430 & 0700-1630, presumably ex-6230 (WBI 29/11) 1900-1930 EG to Eu via USSR was on 7310 28/10 (Ray Hackett, NSW, ADXN) By 20/11 had been replaced by 7320, // 5905 (Bob Padula, Vic, ADXN) Kabul via USSR now using 9755 *0125-0430*, then moves to 17900 //15255, both *0430. Again evts 9755 1230- // 4450 for Urdu -1430, then V of the Homeland in Dari beamed at nearly 3.5 million Afghan refugees living in Pakistan & Iran (Victor Geonetilleke & Sarah Weerakoon, Sri Lanka, Sept-Oct UADX) EG to As hrd around 0930 on 15435 (Mona Monitor/Edwin Southwell, WDXC Contact Dec) more, Last Minute Info

ALASKA KNLS, 7355 in EG 17/11 1730-1802, miserable condx, lousy sig, fading often to zilch, vly hvy QRN. Sig beamed over pole whereas Anchor Point is NW from here. Don't know how I ever got this one. Caught EG s/on w/2 reps of ID, then two 15-min religious tapes. Sig only copyable by bits and pieces when above QRN, hence lack of detail (Bob Palmer, Spokane WA) Most stns put out more back-radiation than you might think & I don't think it's so unusual this time of year with low solar angle (gh)

ALBANIA R Tirana in FR 8/12 at t/in 2013 on 9500.2. Mx, Yl anmt, strong (Dave Alpert, NY NY)

ARGENTINA R Nac, Bs As, on new 4588 19/10 2359, SP ID, nx, fútbol. IAm mx, Bolivian [qv] not hrd (Roland Schulze, NJ, DSWCI SW News) R Rivadavia on 4588.3 29/9 0300-0330, tangos, clear ID (Roger Pain, France, ibid.) Must be another ute relay, but no mention of SSB (gh) R Buenos Aires, "transmitiendo desde Ezeiza," ute 11/7 0740 on 5475 (Adrián Víctor Perfumo, Continental DX Club Sintonía 2000) ! so if you hear Spanish not all pgming on fq comes from Guinea Bissau (gh) The Radioclub Avellaneda, LU7EO, transmits a pgm for DXers and hams Sats 0000 on 3625 SSB & Sunc 1400 on 3625 and 145,050 [MHz], and at 1430 on 14170 SSB. Director of the club is the young LU, Osvaldo Gago (Adrián Víctor Perfumo, ibid.) more, IMI

AUSTRALIA Lacking the bar-graph fq skeds RA used to produce, I have decided to run this BECMS sked of the EG svc (gh) 0000 17795 17725 15395 15320 15240 15160. 0100 add 21720 17750 17715 15165, drop 17795 15320 15160. 0200 add 17795. 0230 drop 17725. 0300 add 15320 15160. 0400 add 21525 17865. 0600 add 11910. 0700 drop 15320. 0730 drop 21525 17865, 17795, add 11720. 0800 add 9580, drop 15160. 0840 drop 11910. In case you've lost track by now, let's start over with 0900 on 17830 15240 11720 9580 6045, separate pgm on 17810 17750 17715 15165 11895 & 11800. 0910 on 17830 15240 15165 11895 11800 11720 9580 6045. 0930 drop 15165 11720. At 1000 different pgms on 9580 6045; and 17830 11895. 1100 15125 11895 11800 9770 9580 6080 6045 5995. 1130 drop 15125 11895. 1200 add 9710 7205 6060. 1300 drop 11800 9710. 1400 add 11800 9710. 1430 add 6035. 1600 drop 11800 9710.. 1730 drop 9770 7205. 1800 add 7215. 2000 add 9620, drop 6045 5995. 2030 drop 6080 6060. 2100 add 17795 15160, drop 7215. 2130 drop 9580. 2200 add 15320 15240, drop 9620 6035. 2300 add 15395. 2330 add 17725. The separate PNG svc in EG & werns 0800-0945 on 9760 5995 (WBI 29/11)

AUSTRIA In face of continually poor reception in NAm of Austrian R on 31m outlets, 9770 and 9635 due to QRM and low winter MUFs, it was decided to drop them as of 9/12 and use 6000 kHz instead, // 5945 0000-0600. This was the same day the Aldrans HS xmtr on 6000 was formally replaced by a Moosbrunn ES xmtr ND to Eu 0600-2300; among other changes, SAM 2300-0200 on 9755 ex-9760 [conflicting with RCI now], & ESAM 2100-0200 on 11660, 2100-2300 9590 (ASWP 9/12)

BANGLADESH [Cf Dec LN-15] R Bangladesh D84 ES sked dated 29/10 shows variations: EG 1230-1300 on 17665 not 17670; Urdu 1400-1500 on 3rd fq 15560. Zonal/Home Service: 0030-0130 & 0300-0505 on 4880, 0430-0800 4890 [probably typo for 0530-0800 to match parallel sked in local time], 0700-0905 9620, 1030-1330 4890, 1100-1130 9620, 1230-1500 & 1700-1715 4880. Return address & possible vertie signer: Md, Abdur Rashid, Research Engineer-in-Charge, National B'casting Auth-

ity. NBA House, Shabbag Avenue, Dhaka (via Charles Foxx, VA) 17665 replaced 17670 on 1/11
t 1230-1300 to avoid QRM from Cairo; all EG pgms on new 250 kW xmtrs (Media Monitor 9/11)
letter from stn says from 17/10 most ES xmns on 250 replacing old 100 kW xmtrs; plans new
vcs for E/SEAs. EG to Eu possible fq changes: 0800- 15230 ex-21640; 1230-1300 11935 & 9855
x-17665 15180. At 1815-1915 looking for alternative to 5915 due to Israel QRM in Arabic,
tes; first choice 6240, then 6220 or 6205. 100 kW only used on UD/HD fqs 15560 9590 7195
Roger Tidy, Media Monitor 18/11) Hrd on 15230 at 0800-1000 replacing 21640, // 17670 (Edwin
outhwell, undated, Dec WDXC Contact) R Bang hrd on 7105 1320-1345* // 9775, subcont mx 27/11
Mitch Sams, KS) Hrd on 7105 *1315-1345* w/IS, s/on in Nepali, good ID, lcl mx, 22332, CW QRM
air sig; nothing hrd on 9775; stronger at 1335, exotic mx; tnx to Sams tip (Gary Hickerson,
t Smith AR, 12/12)

ELGIUM As of 1/1, 45-min EG bcs from BRT expand to 55 mins; here's the complete sked incor-
porating other changes: Af on 9905 Sun 1910-1930 & daily 2200-2255. Eu on 5895 & 1512, Mon-
at 1900-1955, Sun 1910-1930, daily 2200-2255. NAM on 9880 Mon-Fri 0800-0855, Sat 0910-0930;
on-Sat 1300-1355 on 17610, daily 0030-0125 on 5910. SAM daily 0030-0125 9925. FE on 9880 &
1810 Mon-Fri 0800-0855 & Sat 0910-0930; Mon-Sat 1300-1355 on 21810 (via gh)

ELIZE R Belize, 3285: usual large map QSL card rxd after almost 6 months for EG report w/2
IRCS; signed by A. Cheong for Chief Broadcasting Officer. Powers on card hand-amended, show-
ing MW 834 [sic, now 830] kHz reduced from 20 to 10 kW and SW from 5 to 1 kW (Bryan Clark,
uckland NZ, Oct NZ DX Times)

HUTAN Disappointing news from Thimpu. Per A E M Abdullah of Bangladesh, R NYAB has moved
down to 3395, replacing nom 4610; checked it on several Wed/Fri eves w/out any success. Channel
s completely dominated by RRI Tanjung Karang. I hope they'll move to an OOB fq as previously
rather than mingle w/other stns (Sarath Weerakoon, Sri Lanka, Sept/Oct UADX)

BOLIVIA R Roboré hrd 25/9, during fiesta on anniversary of creation of Santa Cruz dept, on
1902. New stn R Emisoras Cristal, Oruro, hrd 30/9 & 1/11 [1/10?]. On 5640 - 5636. R Carlos V
s inactive; like many others such as R Totoral, it was simply done for fun, and as such they
appear and disappear (Rogildo Fontenelle Aragao, Bolivia DX Club, Cochabamba via Play-DX 27/
11) R San José, 5985 (CP72 on 1490 in WRTH 84 is incorrect), sent QSL letter and pennant in
30 days, no IRCS sent; hrd 17/8 on first day of tests. V/s Daniel Ordóñez Plaza, Secretario
del Sindicato de Trabajadores Mineros de San José; addr: Mina de San José, San José de Oruro,
Oruro (Néstor Rubio, Argentina, ibid.) R Santa Cruz, 6139.5, from 0930 Aymará pgm, fair 6/
12 until 1000 AFRTS s/on. R Fides, 6155.1, from 1000 Aymará talk & Bol mx to 1025, G 6/12 o/
ERM (Ernie Behr, Kenora Ont) R Santa Rosa, Santa Rosa de Yacuma, Beni, new stn on 4441; ID
also as LV del Oriente Boliviano; says it has "tres alcances" [xmtrs?] (Emilio Pedro Povrzen-
ic, visiting Bolivia (Sucre) 21/9 0030, LADXR via Radio Nuevo Mundo) R Litoral, reactivated
on 4588, often hrd in France, e.g. 20/9 0040 request songs, clear ID (Roger Pain, DSWCI) cf Arg

BOTSWANA R Botswana reported it had commissioned three new SW xmtrs 29/11 at Sebele, giving
t complete nationwide coverage at all times of day and night. There was even some spare cap-
acity providing backup during breakdowns. The president said project had cost nearly 4 mega-
poula. Now plans for TV, VHF/FM, MW stns (WBI 6/12) unID African on 4820 1/12 2160-2259* in
lang w/lots of EG lyric rock mx, ocl EG anmts, 2204 TC for 4 mins past midnight, i.e. same
one as S Africa whose fqs also coming in well; SIO 343. On 9/12 my favorite IS on 7255 *0350
0409, 0600 anthem, ID, fq anmts in lang & EG, prayer, local mx; found IS // 4820 u/Honduras,
8 kHz below usual 4848, SIO 353 (Richard A D'Angelo, Wyoming PA) Official inaug of new 50
kW xmtr on 4820 was 29/11 (Roberts, SCDX broadcast 11/12) more, IMI

BRASIL R Dif Acreana, 4880, from 0200 PT tlk & mx to 0345 RSA s/on, 0328 full ID, ancg 4885;
G on NF since 25/11 (Ernie Behr, Ont) This Rio Branco stn returned to 4885 from 4880 for the
time being. R Itatiaia, Belo Horizonte MG, on 6070 ex-6080 at 0800-0300; ZYE 523. R Nacional
lanás AM 4845 0900-0200; R Difusora, Londrina PR 4815 at 0900-0300; R Difusora Jatai GO, [no
q] 0900-0300. R Capixaba, Vitória ES is operating irregularly on 4935, always hrd after 0830
/religious pgm (Antônio R Da Motta, Brasil, via 20/11 R Nuevo Mundo & Nov DSWCI SW News)

BURKINA FASO In article on 25th anniv of R Burkina, nxpaper Carrefour African reported 2/11
that it was at 1900 25/10/59 on 9515 & 1439 that this anmt first made: "This is Ouagadougou,
the Upper Volta radio stn". EC lasted just one hour; officially inaug'd 11/12/59; 25 kW xmtr
installed 1/1/61, construction of present bing house begun 8/9/61. However, thru years the
stn used to serve interests of 'reactionary authorities' stead of people. R Ouaga's social bal-
ance sheet unseemed favourable. Of 60 langs spoken in BF, only 16 used by natl radio. Three
of these - Moore, Jula and Fulfulde, were used most often. Another shortcoming--very limited
coverage of BF--regions like Dori, Djibo and Gorom Gorom in north, and Banfora, Gaoua were of-
ten cut off from rest of country thru lack of info; R Ouaga's scarcely hrd in those regions.
low that Rev'ly Govt of the Nat'l Council of the Revolution had decided to re-launch the old
regional radio projects, one might hope that R Burkina'd soon be brought closer to the people
(WBI 22/11)

BURMA BBS, Rangoon, 9730, v lovely signal during EG svc, 2/12 w/Streisand, Abba in
"Listener's Choice". At closedown, plugged next day's show, "Spotlight on the Star", which'd
feature Dolly Parton (need two spotlights, I think, hi). At 0725 M said "This is the Burma
broadcasting Service, Rangoon. We've come to the end of this xmns, but shall be on the air
again at 21 hours BST. For the present, good afternoon." Then v exotic stringed mx, and off
(Ralph W Perry, Kuala Lumpur, Malaysia) R Kawthoolei suspended xmns earlier in 1984. Tho

Karen Nat'l Union's stronghold Mopokay had fallen to the Burmese Army after long battle, they successfully moved xmtr facilities to another place w/out being destroyed. Probably will be used, but present problem is lack of technicians able to put them on the air (Hiroshi Kato, a journalist who recently revisited liberated zone of Kawthoolei, via DX Front Line 20/11)

CAMEROON Yaoundé hrd on 4850, SIO 353 and 9745, SIO 3+53+ w/soft instls & EG vocals from 2024; noted EG talk between mx selections from 2045; usual EG nx 2101-2117. ID: "This is Yaoundé, the Nat'l Service of R Cameroon". Apparently EG pgm is now 30+ minutes; 18/11. On 8/12, Y. on 9745 at 2044-2115 w/EG pgm for a full 30 mins; ID 2044; FR pops & afro vocals until 2101 nx which was // 4795 Douala SIO 232 and 5010 Garoua 2+52+ (Richard A D'Angelo, Wyomissing PA) Per QSL card, Yaoundé now has intl svc on 9745 100 kW; WRTH lists 9745 for Natl svc, but this is on new 6060 100 kW. Douala on 7150 ex-7140 (Lothar Knopp, W Berlin, SCDX 30/10) A stn ID-ing as "You are listening to R Fartu" on 7290 has been hrd w/local mx, and a fair signal (Adrián Víctor Perfumo, Argentina, Sintonía 2000) Time? WRTH trying to get info on this too

CANADA [Cf Dec LN-16] RCI's budget cut relatively minor, \$660,000. Mainly coming out of transcription service rather than broadcasts, but some programming and personnel will be re-allocated (RCI SWL Digest 16/12) My SWLD DX reports to resume weekend of 12/1 (gh)

CAPE VERDE Noted 6/11 on 9390 at 2345 w/BG pop tunes until midnight s/off anmts anthem and chimes, and oddly enough more mx--as if they hadn't signed off! Hrd WORLD OF RADIO 11/11 that said probably a test as gh noted this 3/11; SIO 343 (Richard A D'Angelo, PA) unID on 3929.7, 9/12 0900-0940 fade, M in PT, recent pop hits, between tunes ancr making phone calls to listeners. Poor, QRM (Chuck Bolland, Lake Worth FL) more, LMI

CHINA R Beijing, 7935, 17/11 2345+ c1 mx pgm, time pips 0000 then anmt by M & W introducing pgm English on Sunday; topic an Am prof studying in China & talking about "The American Conception of a Hero". Prof'd speak in EG, W ancr in CH. Fair w/no QRM; // 6750, 9080 but extremely weak (Stephen Canney, King City & Willowdale Ont, DX Ontario) more, LMI

COLOMBIA New CARACOL stn on 5936 hrd since 1/12 from 0000 w/live pgm of llanera mx & talk abt anniv of Pto Ayacucho, Venezuela; no ID, but Col NA to 0335* Sat nite; Sun to 0104* GMT Mon, weekdays to 0204*; pgms mostly abt Pto Ayacucho, Ven mx, vly little abt Colombia; stn must be on remote eastern border (Ernie Behr, Ont) R Sonar w/ID as "Columbia [sic] R Sonar"; mx on 4915 at 0620 4/11, 34343 (Bernd Fink, Krefeld, W Germany, Dec WDXC Contact) The editor consistently misspells the country as Columbia, not to mention Venezuela and Guatemala; but then, I'm not sure I could spell Ashby de la Zouch or even Leicestershire... (gh) & I believe Sonar is rarely reported compared to the other Col listed on 4915, Armonías del Caquetá (gh) more LMI

COSTA RICA R Sandino in Managua reported 12/11 that the US govt stn VOA'd begin xmitting the following week from a relay stn in CR for northern zone of the country; 'd go by name of Radio Costa Rica and carry VOA pgms for 6 of the 12 hours; daily; 50 kW xmtr, enough to 'flood' a large sector of Nic terr. Several political groups'd criticised CR govt over the stn; some media groups [what are those?] in the US considered its installation part of a genl plan for USG to bring more economic, milly & political pressure on the Sandinist govt (WBI 22/11) R CR, VOA relay on 930 kHz, to start 27/12, at 0000-0300 & 1130-1400 (G Mora Céspedes, CR, SCDX bc 11/12) Surprise, this doesn't appear on VOA DB4 fq sked just rxd, which does list other MW relays, but not a single OOB SW fq, even the AM. But we know they're there... (gh) Recent monitoring of 24h R Impacto, San José on 6150 & 980 shows SP pgm "A Voice from CAM & the Caribbean to the World" is now 1:15 long, at 1915-2030, repeated 0300-0415 (WBI 29/11) see CID!

CUBA On 4772.2, All Union R, 21/11 2329, a spur from 4765.0, & also on 4757.8, so ± 7.2 kHz. R Orbita Odin pgm, and not Mayak. Nearly every DX pub I rx has this as Mayak, when it is in fact not M2, but actually the R Orbita-1 version of M1 (Moskva first pgm). This should be obvious because 4765 does not have the Mayak IS on hour and half hour, & is // other MIRO-1 outlets (eg 4485 Pet/Kam). This comment is not aimed at anyone in particular, but at the hobby as a whole, OK? End of sermon (Steve Reinstein, DX South Florida) I seem to recall that when this first came on it was mainly Mayak, so that ID stuck. But BBOMS 29/11 still maintains that 4765 is 24h in Russian, "relay of R Orbita-1 and Mayak", so when is it Mayak? A separate sked in same WBI for R Orbita-1 shows that svc is only on the air 1800-1400 and 4765/Cuba is used thruout; yet the WBI 6/12 exhaustive sked of Soviet ES incl Mayak does not show 4765 for anywhere in the 1400-1800 period; so what svc is on the xmtr during those 4 hours? (gh, who hasn't gotten around to checking this out himself...) On 4485, at 0510 25/11, Sov HS strong sig, Cuban relay presumed, // 4765. Also RMNS cochannel on 4485, likely another Cuban relay, maybe same xmtr I logged on 5064 a couple of weeks before (Mitch Sams, KS) The director of R Rebelde, Pedro Ney Gómez, mentions future xmsns on SW when QSLing the MW outlets of stn; no times, fqs given (Paul Ormandy, Dec DX Australia) R Rebelde hrd on 5025 +0840-0903* w/La Hora de la Confronta" (Cowley, WA, SCDX bc 11/12) What's going on here? see LMI

CZECHOSLOVAKIA R Prague obs on 13710 30/11 at 1630 [sic] to As/Pac, unanqd fq (Edwin Southwell, UKOGBANI, Dec WDXC Contact) Has EG at both 1430 & 1530, but Pac a target only at 1430, per WBI, from which full EG sked: 0100-0200 Ams/SAs 11990 9740 9630 9540 7345 5930. 0300-0400 Ams on same. 0530-0545 WEu 11990 9505 6055. 0630-0800 Eu multiling Interpgm 11990 9505 6055. 0730-0800 FE/SAs/Pac 21705 17840 11855. 0800-1000(Sun 0900) Eu multiling Interpgm as above. 0830-0900(Sa/Su 0930) FE/SAs/Pac 21705 17840 11855. 0900-1200 Eu concert 11990 9505 6055 Sun. 1000-1200 exc Sun multiling Interpgm Eu 11990 9505 6055. 1430-1500 SAs/FE/AF/Pac 21505 17705 15205 15110 11990 9605 7345 6055. 1630-1700 Eu 7345 5930. 1730-1825 Af/SAs/FE 17705 15205 15110 11990 9605 7345 7105 and

5930. 1900-1930 Eu 7345 5930. 2000-2030 Eu 7345 5930. 2130-2200 Eu 6055. 2300-0055 Eu/NAm
multiling Interpgrm 9630 6055 (WBI 22/11)

DOMINICAN REPUBLIC R Santiago hrd 23/11 1700 on new 9755 w/commentary, 1703 into rapid-fire
nx by 2 M w/fqt ads, 1730 played Stars & Stripes Forever, evidently their theme, w/pgm credits
and ID "R Stgo, la mejor radio dominicana", into EZL Latin vocals q/fqt ads to 1800 t/out. 24/
11 drifted to 9778.4 and still there 25/11; G 1545 w/low-key Latin pops (David Potter, DX S
Florida) Hrd 2/12 arnd 9780 at 1332 as Bangladesh fading out (Chris Bagge, MA) 3/12 abrupt
*1646 during Notitiempo originating w/R Comercial, Sto Domingo, more like 9778.2 or .3 (gh)
On 9778, 14/12 2245, many ads, w/2-tone chimes between; amnt 2300 (Chuck Oliver, Spring TX)
R Santiago, HIAZ, has begun bcs on 31m, 9775 kHz, testing // MW 820, 0900-0400 apx, subject
to change. Every reception report will be verified and confirmed w/QSL card; addr is Radio
Santiago, Box 282, Santiago, DR (Dino Bloisse, ibid. 25/11)

R Earth, which bc via R Clarín facilities on 11700, bcs in EG 0300-0400 on Suns, bcs repeats
of daily pgms on Suns 1600-2200, plus pgm in SP 2200-2300. Ancd 25/11 that Sun span expl, started
18/11. Anmts also stated that R Earth's "The World" studios moved to Sto Domingo from
Miami/New Orleans on 26/9 (WBI 29/11) Several mistakes in the above, so FBIS/BBCMS must not
be listening very closely--0300 is GMT Tue-Sun, not Sun only. Immediately previous stud-
ios were in Evanston IL. Miami studios were abandoned a year ago. Never had studios in New
Orleans, except for 1 or 2 pgms when Jeff White was passing thru and he had to tape pgms at
WVNO since WRNO wouldn't let him in. Sun repeats have fair to G signal here, tho old off-fq
het problems when Soviet, Vatican, or whoever also coming in; and several dates, especially
16/12, R Earth audio so distorted as to be almost unlistenable. Often runs up to 15 mins late
all afternoon depending on when xmtr actually oncomes. Nominal pgm lineup includes 1600 mail-
bag; 1700 Monson, SCDX, 1800 Don Moore Gam contry, Skyline, SW Pandemonium, 1900 This is the
Caribbean, 2100 SwissSW Merry-go-round (2 times a month), 2130 Radio Monitors International,
whilst at 2000 a live or not call-in. This is more or less repeating pgms in order from pre-
vious weeks Mon-Sat evening bcs; all subject to change (gh) more, IMI, also see ITALY there

ECUADOR Apparently VOA was too much competition for HCJB on 6130 and they moved to 6205, hrd
3/12 0230 in RS; astounded to hear at 0327 ID for TWR Monaco & their addr; but 0330 Golos And
ID, Quito addr; didn't know HCJB played other stns' tapes. 0330+ own bc in Russian; strong sig
w/vy hvy QRN which correlates w/very cold polar air mass here (Bob Palmer, Spokane WA) When
I checked, only V of Greece could be hrd around this time on 6205 (gh) I sure don't hear VOG
on 6205 evs; 49m nights, here is almost exclusive property of WMem stns; Euros only get thru
below 5950, and then seldom at that. 0400 HCJB ID in RS (Palmer) HCJB 6205 *0230 11/12; was
listening to VOG & HCJB popped carrier on and completely covered it (Chuck Oliver, Spring TX)
Unusual for HCJB to deliberately OOB, tho spurs are plentiful (gh) HCJB On 15020, 15055, 15090
at 1845-1934 2/12 w/SP relig pgm (Richard A D'Angelo, PA) HCJB noted one day 1/12 using 9765
instead of 9745 in Nam svc; good improvement (GrantLochmiller, IA) HCJB has contingency plan
to convert one xmtr to SSB depending on outcome of WARC 86. 26020 xmtr still off the air. But
they are soliciting donation of a new xmtr (DXPL via Sellers, Dec DX Ontario) R Paz y Bien,
Ambato, 4819.8, hrd in 2350-0100 period 28/11, 29/11, 2/12, 3/12; 0045 ID, also has rosary in
SP. Russian QRM from 4820, and watch out for HRVC Honduras also on 4820 w/relig pgms; poor-
good (Giuseppe Zella, Italy, Play-DX) Time stn HD210A is now a regular on 7600 in southern TX
early and mid-evs; used to be fairly rare ('RDR', SWNS 3/12) This is perhaps the most wide-
spread mistake by DXers and DX editors--there is really only one number in this callsign, and
it's 2. All the rest are letters, as should be obvious from the ID and the operating agency.
Instituto Oceanográfico de la Armada; how many more times will I have to spell this out? IMI

ENGLAND Unofficial stn Spectrum World Broadcasting was to have a holiday marathon 26/12-2/1.
As usual info arrived too late for advance publication, but it was bc on RCI SWL Digest 15-16/
12. Details, for the record: 220 W SSB on 3905 tent fq, or anywhere 3900-3950; available on-
ly 31/12 & 1/1, at 1600-2400. 50 W AM on 6272 1200-0600 or 6205, 6240, 6270; maybe available
24h. 100 W AM on 7710 1200-0600 or 24h depending on maintenance. 220 W SSB on 13735 but li-
able to change in 13600-13800 range, or replaced by 15020; not available when used on 3905; 24h.
100 W SSB on 9940, 9960, 9965 or 9985 at 1000-1400. Antenna systems: below 10 MHz, a mixture
of quarter and half wave vertical & horizontal, up to 100m above ground. Above 10 MHz, direc-
tional yagi beams. Equipment consists of solid state and tube technology. Beside marathon,
regular bc is Sun 1000-1200 on 6272 to NGWEU. We hope to establish a UK phone number for your
use during spl bcs, TBA on the air. 1984-85 pgms include Hello World, DX Corner, International
Perspectives, Top 250, Micro-Scope, News, Mailbag. Our QRP operation looks forward to any
possible response from DXers, and those from Canada & US will be of great interest. Those
seeking verification should include return postage of 2 IRCs, tho bulk mailings of reports
happily accepted. Previously have had 2 US reports, and 5 from NZ, 18 megameters away. V,
by QSL-card and special pennant. There is a good chance that times mentioned will be extended,
but we will make every effort to keep to the printed times and fqs. Addr: Spectrum World
Broadcasting, 134 Eastworth Rd, Chertsey, Surrey, England KT16 8DT (Gerry Sinclair, SWB, 21/11
via Ian Mc Farland, RCI) Also via Bryan Clark, NZ, who adds: Note that 7710 and 13733 were hrd
in NZ last April at 0730 & 1740 respectively (gh) w/QSL card for Easter marathon on 13733 came
letter from Sinclair saying my tape of their distinctive "Bells" IS had them "literally jump-
ing up & down w/excitement" and they considered my reception "little short of a miracle" in
view of xmtr setup which was: completely solid state, xtal osc, driver, V-FET output dence-[?]
modulator using IC audio amp; supply rails 50 + 12 volts, with output around 25 watts, into
half wave dipole 30m above ground, SWR poor at 1.7:1. Only two other reports were received for

13733--from Finland and W Germany, but 82 came in for other fqs used at Easter, incl 4 from NZ for 7710 (Bryan Clark, NZ, NZ DX Times Oct)

EQUATORIAL GUINEA Strange stn on 15107, 12/11; beginning at 2015 hrd 15-min talk, then R&R interval; then another 30 min talk, more R&R, 15 min talk; 2115 another talk; nowhere a stn amnt; these are religious talks in EG; 2130 DW came on 15105, giving unknown a hard time. Re-checked at 2140 and he was gone (Chuck Oliver, Spring TX) See Dec LN -17 & 23

FAIKLAND ISLANDS Letter from A R Davies, Record Librarian, for report of invasion night reception on 2370 says they have "no records for this period" and are not able to confirm reception (John Durham, Hamilton NZ, Oct NZDXT) What a disappointment; but Tony Marr of Titahi Bay had his invasion night reception verified by letter from Rex Hunt, the Falklands High Commissioner with report sent via the Commonwealth Office in London. He received very nice letter from Mr Hunt (Dene Lynneberg, Pukerua Bay, NZDXT QSL Ed.) FIBS hrd 26/11 on 3958 0330-0453*, but on 25/11 to about 0530*; said back at 6 am & closed w/GSTQ (Bruce MacGibbon, OR)

FRANCE RFI reported 23/11 that, resulting from strike axion at RFI, there'd be only a minimum svc that day w/brief nx bulletins on every hour and mx. Originally, all RTV svcs in F were due to go on strike but during previous night, following lengthy negotiations w/trades union, State Secy for Comms accepted creation of 40 new tech posts in RTV. Only RFI trade union had gone on strike, demanding guarantees on creation of jobs ancd for 1985. Later that day, RFI ancd that its strike would end at 1430 24/11 (WBI 29/11)

GABON Africa Number One on 14430, 3 x 4810 which was poor; rapid flutter here 19/11 2045-2110 Af mx, EG pops, amnts in FR // 4810; VG sigs on 14430 (Stephen Canney, King City Ont, DX Ontario) Seems definite, but contradictory log under IVORY COAST

GERMANY EAST Tho previously reported on 6195, RFI CAM svc now listed on 6165, in WBI, at 2230 GM, 2315 EG, 0000 SP, 0045 SP, 0130 SP; 0300 EG, 0345 SP, 0430 SP. I have noted some garbage under R Nderland, presumably this (gh)

GERMANY WEST DW IS, ID, nx in GM 15/11 2100 on 4000 (Paul Evans, Wivenhoe, Colchester, UKOGB-ANI, Dec WDXC Contact) Really here, or on usual 3995? (gh)

GRENADE No signs of 15045 returning, but I'm sure you'll be interested in latest MW news (gh) On 535 kHz, 29/11 0033-0051, M&W in EG in Nightline pgm w/advice on how to prevent disease by keeping home clean; this followed by Sportsline, tape playback of a Worldcup soccer match, interviews w/local sports figures. 0051 fading into noise. Hrd one TC as 25:9 indicating in GMT-4 zone; Caribbean dialect; fair. (Chuck Bolland, FL) Most likely R Grenada reactivating previous fq used before Cubans supplied 990 kHz facilities (gh) Checked again next night, 29/11 2245; BBC WS nx 2300, 2325 gamescores, 2329 "What's new on R Grenada". 2345 pop mx w/many political msgs; ID as "This is R Grenada, broadcasting on 535 kHz in the MW band" (Bolland)

GRENADA nx agcy reported from St Georges 18/11 that state-owned R Grenada had that day started to use a new 20 kW xmtr provided by US, replacing one damaged in US-led invasion year ago. Xmtr built by Continental w/grant to interim govt from USAID. Since invasion, had been using xmtr set up by US mily at Point Salines in south of island. Under ousted leftwing PRG, Grenada's sole stn had used xmtrs provided by Cuba, which then had close ties. Offl of stn said it was hoped xmtr'd cover not only the whole island but several E Carib countries as well. Sked increased from 9 to 16h daily (WBI 22/11) R Grenada new 20 kW xmtr appears to be on 535, hrd *0958-0202* including pgms obs or ancd: 0958-1000 opening amnts, 1000-1030 Good Morning Grenada, starting w/nx heads; 1100-1109 BBCWS nx, 2300-2340 Nx (Sat -2330, Sun -2310), 0155-0157 nx heads, 0157-0202 closing amnts. Until early Nov, R Grenada'd been on 990; amnts now refer only to 535 (WBI 29/11) TWR Bonaire reported 29/11 that Grenada's new natl xmtr had been formally dedicated previous day. Xmtr'd been constructed w/US help. Belgian firm'd installed the 20 kW xmtr to replace ones destroyed Oct 83. Had been 5 kW till Cuba installed 50 kW xmtr on west side of island (WBI 6/12) CBC sent a producer from Toronto, Walter Unger, to help Grenada set up its radio station again, on a 4-month contract, to end mid-Dec (Globe & Mail 29/11 via Dec DX Ontario)

GUAM KTRW DX Listeners Log pgm is now at 0958 on 11840, 1530 on 9535, 0043 on 17790; Sats (Don Rhodes, Melbourne, RA JP DX Time 2/12) more, LMI

GUATEMALA R Cultural w/relig mx on 3300 at 0425-0434; 0430 ID and closing EG xmsn, giving fq as 730, 3300, 5955, 108 FM, all in kilocycles! Said EG at 9 pm (0300 GMT) and 6:45 (0045) on Sunday (GMT Mon), resumed SP, 9/12 (Richard A D'Angelo, PA) Since last year [1983] I've been wondering what the pgm "DX and Sacred Music" was on the printed sked of Unión Radio/TGMUB on 6090 during EG segments--could it be cuts from AWR's Radio Monitors International, or Eu DX news? Finally caught them 24/11 w/sem-t-clear channel during time sked: it's Christian mx w/ same ID played after every song by the EG ancr. I guess their IDs constitute "DX", hi. EG now runs 0300-0400 (Nolan Stephany, Williams NY) Unión Radio on 6090 1100-1300 & 0000-0200 SP, 0200-0400 EG. New SW ant to be installed in 1985 providing better coverage to Carib/CAM; new 100 kW SW xmtr also planned. TGW, LV de Guatemala, operates 2100-0000 & 0400-0700 on 6180, sometimes relaying natl svc from 640; obs at 1300; 9760 no longer used (Christian Zettl, visiting Guatemala, SCDX 6/11) & Artie Bigley hrd some EG in 2130-2300 period (gh)

GUINEA No ID hrd, but almost certainly the one hrd on 11965 20/11 at 1830 in EG to 1855, but w/Paris QRM after 1900 (Bob Padula, Vic, ADXN) GUINEA BISSAU See ARGENTINA

HONDURAS LV de la Mosquitia stn director says generator went out and damaged xmtr in early Nov; stn has been off the air since then (Don Jensen, WI, RCI 2/12) 4910v

INDIA Tho at first it seemed to be Mongolia, on 7260 I am hearing what Ernie Behr reported. AIR in Tibetan to 1315* but they leave xmtr on and start the Vividh Barati service whenever they feel like it between 1348 and 1400. In a Third World country one would think 250 kW xmtrs would waste a lot of expensive power idling for 30-45 mins; but that's politics. If the govt runs it, who cares, as long as the masses pay their taxes. I think the lang may be Punjabi, as the whole pgm, mx and all smacked strongly of NW India; also hearing V.B. on 7235 in the 1300-1400 timeslot (Bob Palmer, Spokane WA, 13/12)

AIR Hyderabad has replaced 9720 by 7140 for 0600-0840* (Sat 0930/Sun 1030). So Delhi moved from 7140 to 7110 at 0730, 0740, 0810-0940, 1130-1140. Wx reports for many expeditions can be hrd on 6120 or 7110 from arnd 1115-1130 and 1140-1145. More channels to be added from Aligarh & Delhi as 3 new SW xmtrs had been commissioned there recently. On 10/9, a twin unit of 100 kW xmtr inaugurated at Delhi for ES to As/Af; 14/9, two high powers, probably 250 kW inaug'd at Aligarh for ES. AIR Madras expected to use a new 100 kW xmtr which will replace the old Marconi 100 kW xmtr used for Vividh Bharati and ES. When new xmtr is commissioned the old one 'll be converted into a 50 kW unit which in turn replaces the old 10 kW Philips used now for regional svc on 4920/6085/7160 (José Jacob, India, Sept-Oct UADX) AIR Madras now using 6085, ex-7160 at 0230-0400 & AIR Hyderabad 6120 ex-7140 0230-0335. 13/10 hrd several Indians on 41m arnd 0700 [local noon] indicating improving condx: 7295 Aizawal u/Penang, 7280 Gauhati, 7240 Gauhati, 7240 Bombay, 7230 Kurseong, 7210 Calcutta, 7160 Madras, 7150 Gauhati C, 7140 Hyderabad, 7110 Delhi; one notably missing was AIR Kohima on 7170 from Nagaland. I wonder whether they are using 6065 as they did during low sunspot years (Sarath Weerakoon, Sri Lanka, ibid.) AIR GOS to NEAs/Au now on new 11795, 1000-1100, VG (Peter Bunn, Melbourne, RA JP DX Time 25/11)

INDONESIA RRI, Dili, daily w/AN pgm in Indo 1100-2000 on 2455.8, SINPO 33332 (Hitoshi Miyashita, Japan, Nov DSWCI SW News) RRI Manado, 3215, has proven to be the powerhouse Indo on 90m in the mornings, 1400-1430+, instead of 3345 & 3260 as in years past. Late propagation 30/11. No nx at 1400 after ID, announcing EG country mx trax past 1430 (Mitch Sams, KS, OMDC) RRI Manokwari, Irian Jaya, 6188.5, hrd from 1415 w/lt mx, 1500 IN nx, 1519 chorus & talk to 1530 f/out; Sat 24/11 only (Ernie Behr, Kenora Ont) RRI Cimanggis officially opened in Apr; present sked 0455-0800, 0955-1600, 2155-0100, all on 11700. Meanwhile, the stn plans another hi-power xmtr centre at Pantai Cermin, in northern Sumatra, by 1985 to bc to Eu/Af/ME (Tauno Iso-kangis & Alain Brain, resp., RA JP DX Time 9/9 delayed in the mail) And now, reproduced directly, DX reports from Kuala Lumpur, Malaysia, by Ralph W. Perry, first sexion dated 24/11:

Indonesia - 3355, RRI Jambi, strong (of course, hi!) at 0840 11/18 with nonstop irama pandang pasir, and YL ID 0855, "Inilah R-R-I Jambi." Into tlk show, regional history. Replacing h927 during this time slot. (Perry)

3798v-3801, unid Indo, a Sumatran judging from daytime status here in KL and also from typical horrendous audio/modulation quality. Refuses to ID (a common flaw so far on many of these blase Sumatran outlets) despite numerous hours on the fgy. Noted 1200-1230 11/17, 0400+ 11/18, 1105-1240 11/11. Best clue so far was amnt 0440 11/18 (high noon here) over keroncong, by Q1: "...saudara pendengar...gelombangnya 75.3 meter band, atau pada sama frekwensi 3984.06 kHz...surat-surat saudara langsung ke studio kami di Jalan Prambang Nomor 9581..." but city that followed didn't fit any Sumatran regency ibukota. Sounded like "Singarawa" or somesuch, but I could be mistaken. Rather ameing that they give a fgy quote right down to two decimal places, and then miss by nearly 200 kot-bi. Generally a vy unstable sig, can't ECSS-tune it. On 11/11 at 1105, following waktu maghrib (sunset) call to prayer, went to pgm of bouncy lagu melayu and then pgm of radio messages for listeners, with Tanjung Pinang being frequently mentioned. WIB t/c/s. Is a legit stn, picks up Jak mx relay at 1200 ("...Radio Republik Indonesia dengan siaran central, dan warta berita central dari Jakarta..."). Probably should guess Labuhanbatu as it's the obvious candidate, but we don't list-log, now do we? hi (Perry)

3294.5, RPD2 Kotamadya Pematang Siantar, Sumatra, add this to the list of big-signal daytimers here. Top quality modulation, a vy pro stn with lots of ads, good mx library. Noted 0120-0158 s/off 11/17 (9:20 a.m. in KL) at which time others blowing in were 3225 Tj. Pinang, 3732 Bukittinggi, 3241 Sibolga, 3265 Bngkulu. This one's sig on a par with those HRIs, too. Not noted during evening period, however, when would be possible in States (that is, 1000+). Nice lagu pops and frequent ad strings, most sponsors all being located on the same main drag in downtown PS: "...Nomor 158 Jalan Sikomo, tempat anda untuk barang-barang main-main tuntut anak anda..." or "...di Antara Optikal, di Jalan Sikomo Nomor Seratus Tigapuluh-Tujuh, Pematang Siantar...jangan lupa, Antara Optical (repeats address)...". Also some canned ads for cold remedy sounding like "Skanoll", which is "lebih kuat, lebih obat" (more strong, more medicine). At 0154, YL Ided before s/off as "Inilah Radio Pemerintah Daerah Tingkat Dua Kotamadya Pematang Siantar." Cut carrier 0159. (Perry)

4191v-4196, RPDK Karc, Kabanjaha, now slipped to here ex-4208v-4210. (Perry)

3169, Radio "Anita", Tegal, Java, #2202 on 11/12 w/OM "Selamat pagi, semua anda, inilah Radio Anita, dengan gelombangnya 189 meter..." Into ads. Not a bad sig but, yes, this is actually a harmonic, 2x158ha. An enjoyable log nonetheless. (Perry)

3590v-3598, tent., R. Pemerintah Wilayah Kecamatan Tj. Tiram, another sig that often holds

up until late morning here, def. Sumatran from anmts and strength, lagu selection. Also hrd in local p.m., 1000+. Terribly overmodulated signal and can't copy 95% of anmts to save my life, despite pretty gud power at times. Best hint so far was ID which followed wx rpt ("..akan hujan..." -- it's going to rain, surprise!) where " OM ancd "Radio Kecamatan" and then over following record of lagu melayu mtnsd "...mendengarkan lagu Sumatera..." Sig can move 5 kc in but a minute and frequent retuning thus required. A pretty strong selection of the vy, vy sexy and seductive YL Indo torch songs -- one can fall in love over the airwaves, I'd suspect! (Perry)

3331₂, tent., RPKDT2 Sukabumi, a weak daytimer and that would make sense for a Jawa Barat outlet. Noted 11/17 at 2330 (arnd dawn locally), for instance, and have hrd number of IDs to date but they sound more like "R. Pem. Daerah Tkt. 2" "Sesekabumi"; not the Soockabumi that I'd expect. Imagine the first syllable is swallowed, that's all. Sometimes, don't even hear the initial "s" sound. Needs a bit more work. (Perry) [Japanese influence?]

3916, RRI Ternate, 2125 on 11/12, noted // 3345, which was stronger. (Perry)

3916, RRI Tanjungkarang, IS at 2150, f/by sinstl mx and then YL opening ID anmt for the beginning of morning xmsn. Gud sig. (Perry)

3754v-3756, unid RDK stn, north Sumatran with huge, typically overmodulated signal, and in course of few sessions have hrd mtns of Langsa, Asahan, Tj. Tiram, "Sumatra Jaya" (successful Sumatra). Seems to s/on *0000, often plays instl version of "Rivers of Babylon". YL anor noted 0330 11/18 thanking listeners for "...mendengarkan siaran kami ini," and reading their ltrs "...dengan ucapkan". This is a bad QRM channel, w/RTTY and CW here, and ID will be difficult to nail down. (Perry)

3162, unid., either a Sumatran RDK or even possibly a local harmonic. Noted w/fair sig at 10 a.m. locally (0205) w/lagu hiburan, sweet YL vocals, etc. Lots of ads, some for our ol' favorite, "Bodrex", which is shilled over melody of "River Kwai" played on vibes. Don't think Bodrex is sold in Malaysia, but I'm suspicious of possibly a harmonic of ~~Mwer~~ at Mersing (3x1053v) which isn't audible here. Should sort this out shortly... (Perry)

Note: Yes, I am aware that for a number of the above logs, there are listed stns. But as long as I'm here, on-the-spot, I think it is only proper that I independently ID all this (if nothing else, to confirm what we think we already know). (Perry)

DX REPORT FROM K.L. #3 - R. W. Perry, Kuala Lumpur, Malaysia

8 Dec 84

Indonesia - 3580, RFD Tkt2 Asahan, noted 12/5 0200-0245 (a Wed a.m. locally, when I was home DXing to celebrate the Birthday of the Prophet . . . such are the benefits of living in an Islamic country!). Hrd w/courtroom drama at tune-in, then into orchl mx pgm. Gorgeous signal, first-class modulation. Full ID 0235 by OM: "...saudara dan rakun anda tersebut tama sekali, di gelombang 81 meter, Radio Pemerintah Daerah Tingkat Dua Asahan." Syllable is swallowed, and sounds more like ~~TAHHH~~-gahn. Into Indo pops, and gone at 0258 GMT recheck. Unless there is reason to speculate otherwise, I would assume QTH is Tanjungbalai, which is the regency (kabupaten) ibukota (mother city), not the QTH of Kisaran which often shows up in the DX press. However, could be a case of nominal capital vs working capital, a la Sucre/La Paz in Bolivia? (Perry)

3479, RFD Tkt2 Ketapang, Kalimantan Barat, another "swallowed syllable" makes this one a bit tricky. Hrd w/ID 1330 12/2 and 1358 12/7, ancg "gelombangnya 82,8 meter band". ID sounds like kuh-TAHHH-pahng. I was not hearing the initial "kuh" at first! Last listed fqy was 3448 in WRTH-84. Usually a fairly gud sig in KL, tho a full magnitude below the Sumatran blockbusters! (Perry)

3855v, RFD Tkt2 Dairi, at ibukota Sidikalang, N. Sumatra, highly unstable signal and vy difficult to ECSS, even more difficult to fully ID as they don't believe in ancg such minor details, hi. Sig a real "moving target" -- for example, on 12/8, s/on at 0000 GMT on approx 3862, and drifted downward one kc/5 minutes until hit 3855a, where it usually stabilizes. On 12/2 hrd 0145-0210*, with medicine ads ("obat Peramax" with Big Ben-type gonging) and love songs, OM at s/off ancg "7,7 meter band"!! However, on a diff date, hrd mb ancg as "77 meter band". I submit they mean, on average (hi) "77,7" which would be 3861 kHz, more or less. Sig often very powerful, pinning my Drake RH's S-meter at 9:30 a.m. locally (0130 GMT). Not quite so powerful as 3876 Indo, tho. Can't count on this one to stay on air late at night, tho. 12/8 noted drifting 3851₂-3855₂ at 1035 with a gud sig, Big Ben chimes, also ads for (what else?) Bodrex at 1101, but gone at 1210 recheck. Best log was 12/9 0000-0125 t/o. Already on air when tuned, and taking a fqy dive to 3855a, so probably had just come on. Relaying, interestingly, Christian rlg show (Sun a.m.) transcription to 0025. Makes sense since this area of N. Sumatra inhabited by the Batak, who are animist-Christian. Probably only area in Indonesia where one can hear a non-Islamic rlg pgm on govt radio! At 0025, OM ancs

"77 meter band" and mtms "Sidaklang". He had his kids in the studio with him this Sun a.m., and let them take the mike for a bit, after ancg time "...ini Hari Minggu, pukul delapan belas menit waktu Indonesia Barat." Then 0116 ads for radio repair chain w/outlets in Labanjathe, Banda Aceh, Sidikalang. 0125 into ltrbox answering listeners on Jalan Sudirman, wishing them happy listening: "Semoga selamat mendengarkan!" Numerous mtms of "Dairi", of course. (Perry)

General note: The t/ck stlyc of "waktu Indonesia Bagian Barat, Tengah, Timur" is evidently now passe. Like saying "10 o'clock central time zone." They've eliminated reference to the "zone", streamlining it to "waktu Indonesia Barat, Tengah or Timur." Makes sense. Hearing this format widely used, majority of stns. (Perry)

1910, RRI Bukittinggi, 0925 12/2 w/lagu hiburan, low xylo tones IS 0329 and then ID-t/ck by OM "...waktu Indonesia Barat. Inilah Radio Republik Indonesia Bukittinggi dengan berita daerah." Into local ncast w/items on Padang, Asahan, Sumatra in general. Good sig, and alternate to 3232 which is used in local p.m. Not // fgy. (Perry)

3365, RRI Padang, 12/3 at 0300+, the daytime fgy hrd w/muge signal through daytime electrical noise. No // noted during pgm of sleepy, romantic vocals by IIs. Running right through hr at 0400 w/no break for ID then. The nighttime fgy of 1003, tho, is absolutely strongest signal on bands around here, overloads rig. (Perry)

3375, RRI Nus I Medan, 12/2 and 12/8 1225-1315+, not hrd this fgy during local a.m., only a nighttime fgy. Pepsodent musical ads, long strings -- good cash flow for these guys. 1230 full ID: "Inilah siaran program Nusantara. Radio Republik Indonesia Nusantara Satu Medan, gelombang 63, 88 dan 325 meter...dan FM 88 mhz." Into radio play on Sun p.m. (Perry)

3876, varies + 1/2 kHs, unid Sumatran, hrd daily both a.m. and p.m., strong with outrageously poor modulation. Simply refuses to ID. Mellow segued Indo ballads roll on and on w/out anmt, hrd late into mornings here and off early in the evenings. Unstable sig, can't ECSS. Ballads 12/8 12/1; boogie woogie 12/2 at 0145 to sudden 0151 s/off. On 12/2 1125 logged w/lagu-lagu hiburan, Indo vocals, keroncong, etc. Soothing stuff. Wobbly carrier again, per usual. Pops right thru 1200, no Jak pick-up (generally this one tends to ignore Jak, only rarely relaying siaran central). Album ended 1234 and just dead air -- think the operator went to dinner, after all it was after 7 p.m., hi. Tons when reached 1300. Whopping sig local a.m. 12/5 at 0140 to 0159+. Muffled closing anmts useless, f/by a nearly Arabian-sounding signature melody to carrier cut. Ditto 12/7 1505-1515 t/o, tho at least they picked up Jak this time. What? Yes, I know the obvious candidate here is Tapanuli Utara, and by gum, it's trying like hell to hear the ancr sig that! hi (Perry)

3752v-3757, unid Indo, no clues yet except that hrd both p.m. (1220 relaying Jak) and deep into a.m. (0310 w/vocals, that's 11:10 a.m.) so another likely Sumatran or, at farthest, W. Java. Not much to work with yet. (Perry)

3772v-3773, RRI Kendari, 12/2,5,8, usu w/fairly gud sig, some QRM from Sumbawa, nice lagu-lagu cinta hiburan, Boney M, etc. Every night with ltrbox show, with messages to listeners for and wide, throughout Indo archipelago and abroad (several ltrs from Japan). "Hallo hello apa khabar, hee hee! Semoga selamat mendengarkan!" giggles the ancr. Lots of notes from students at SMP and SD. Ltrs from Timor Timur, Singaraja, Ambon, and grr. However, surely this one's good sig: is when they are 4:00 kHs (not noted in //) to this fgy. Suspect they move on Padang 1003 is too much ... or else they unaware they are here, since still ancr "gelombang 75 meter band" (= 4:00 kHs). (Perry)

3775-2, RFD Tkt2 Sumbawa, old favorite from back in Texas also noted here. Noted 1255 12/7 w/mellow YL vocals, break at 1300, then OM, "Saudara mendengarkan R. Pemerintah Daerah Tingkat Dua Sumbawa di gelombang ..." Then silence, and finally joined Jak rly late. Fair signal. (Perry)

2432.8, RRI Banda Aceh, noted 12/7 running late, at 1610-1635 t/o, schlocky lagu-lagu populer, including "Apanya" about every 10 mins. Pro ancr, smooth pgn continuity, a fun pgn. 1630 chimes IS, sounding a bit like Battle Hymn of the Republic, then local nx headlines. 1632 choral patriotic song, then ID by OM: "Inilah R. Republik Indonesia Banda Aceh, sekarang pukul 23,33 menit waktu Indonesia Barat. Kembali dengan rangkaian hiburan dan lagu-lagu irama melayu dan ..." Monster sig, and no // noted. (Perry)

3800v, RRI Gorontalo, noted various evenings to 1555+ w/anmts over Love Ambon on keroncong, OM's final notes being "Merdeka!" (Freedom!). Noted 12/8,7,6 other nights, and when here, not noted on 3265 (the questionable if I could ever hear Gorontalo thru Bengkulu if it were indeed on that channel...Bengkulu a real powerhouse here). Full IDs. Odd situation, then, on this general fgy range. Unable to yet determine that Labuhanbatu truly active, the unid hrd wandering approx 3795-3803 during local daytime (and even at high noon) almost assuredly Sumatran, not Gorontalo. Also, refer my last rpt, that daytimer ancr "75,3 mb atau pada sama frekuensi 3984,06 kHs". A little research now uncovers fact in old DUDIC that RFD Tkt2 Labuhanbatu "claims of fgy of 3985 (75,28m)" (DUDIC 19/1982). I strongly suggest Labuhanbatu is active, being the one I hear 3800v during local daylight hrs 0000-0400. But stn not confirmed active during p.m. hrs (1000 onward) whereas RRI Gorontalo, with a wandering sig, is. Logs of "Labuhanbatu" during 1000 onward period may be, well, questionable! (Perry)

3800v, also Labak, was Burt, noted 1/7 at 1610:30, tones w/relaying at 2255, then orchd theme, pos "Indonesia Raya" (must check). Then fast canned anmt, which was unreadable, more theme nx, and finally live OM 2258, "Inilah RFD Tkt2 Labak." Quick opening anmts, then slipped in a fast obt ad for "sakit kepala" (headache). Joined Jak at 2259 w/Rayuan Pulau Kelapa, and into "berita central" relay. Used the modern t/ck format of just "waktu Indonesia Barat". (Perry)

[more INDONESIA, IMI]

Indonesia (again) - 1355 new fgy, ex-1195v, ex-1208v, RPK Karo. Seems a rpt wouldn't be complete without detailing this outlet's fortnightly new fgy, hi, tho this is quite a jump. Technician probably trying to hit their nominal fgy, and he's making great progress -- or at least is heading in correct direction! hrd 12/8 at 1015 w/usual overmodulated blockbuster sig. (Perry)

Other Indo unids under the microscope: 3706v (think Sumatran), 3410 (ditto), 3576 (no clue), 3117v (could be spur) w/it's amateurish ancr, 3299 (suspect W. Sumatra) and 2520 running w/late 12/7 at 1460 past 1700. Plenty more sigs, and it seems the more time I spend, the more I find that develop -- don't it always that way, hi! -- am trying to nail down the IDs as I go, rather than generate an initial, over-the-hungry list of several dozens unids: why intrude oneself, hi. (Perry)

IRAN [Cf Dec LN-17]
12005 has disappeared at the time of writing this. Other outlets

seem to be 9815 & 7230 with bubble-type jamming present (Noel Green, Nov DSWCI SW News) 0330-1130+

IRAQ R Baghdad/Sawt ul-Jamahir on 7120&7130 in AR at 1530, both 30 over S9, daily since 18/11; weaker on // 7260 7290 9635 9665 11700 11735; also 9505 under Nhk (Ernie Behr, Ont) Baghdad 7180 usually hrd under BBC 1400-1700 but of late 5/10 the wobble jammers are hrd on this fq, around 1400. Are they erroneously feeding the jammers instead of pgmng? Or is it from Iran using the same jammer (Victor Goonetilleke, UADX) Checked 16/10 and at 1430 was free of jamming. Presumed tech error. Another evening 7230 was subject to wobbling jammers (Sarath Weerakoon, Sri Lanka, UADX Sept-Oct)

IRELAND World Music Radio over Radio Dublin International 6910: Sun 0545-1000, Mon 0200-0615 (J Talbot, Dec SPEEDX) I think this is axually quite irregular

ISRAEL has entirely dropped the 22mb for D84 (Noel Green, Nov DSWCI SW News) & so they have, per sked; currently active fqs are 21675 21625 21495 17815 17710 17685 17630 17555 15645 15585 15485 15105 12080 12025 11960 11700 11655 11585 9920 9815 9440 9425 9385 9009 7412 7395 for the external services; Hebrew HS relay sked: 0400-0610 on 9920 9385 7465 7395. 0610-1100 on 21760 17630 17555 15615. 1100-1200 on 21760 17555 15615 15105. 1200-1400 on 21760 17630 17555 15615 15105. 1400-1630 15615 15105, 1630-1745 on 15615 only. 1745-1830 7465 only. 1830-2310 11585 9920 9385 7465 (IBA) /more ITALY, IMI

ITALY R Milano Intl on new 7145 since 11/11 at *1300-1700 to avoid QRMoscow on 7295; 7295 still used 0800-1300*; reports welcomed (Dario Monferini, Play-DX) RMI tentatively hrd on 7145 at 1445 in Italian, pop mx, possible ID, hvy ham QRM, SIO 222 12/12 (Gary Hickerson, AR)

IVORY COAST RTVI, 14430 at 1900 in FR, ID, lots of hi-life, 2 x 7215 not hrd, 22/11 (Garth Rotramel, AR, OMDX DX Log) Sounds definite, but contradicted under GABON, qv; or both??

JAPAN NHK on 3607.5 USB hrd f/in 0900 to 1000 xmtr change. RA Talkback says Hiroshima at 0700-1000, then Tokyo, Tokyo QSLed it as about 900 watts. Unsure of power for this alleged Hiroshima, tho seems stronger (Gerry Bishop, Clark AFB, Philippines, 14/11) more, IMI

JIBUTI QSL card gives this sked for 4780: Weekdays: 0300-0430 SM, 0430-0600 AF, 0600-0800 AR, 0900-1100 AF, 1100-1300 SM, 1300-1600 AR, 1600-1730 SM, 1730-1900 AF. Fridays/holidays: 0500-0700 AF, 0700-0900 SM, 1100-1300 SM, 1300-1600 AR, 1600-1700 SM, 1730-1900 AF (via Charles R Fox, Jr, Norfolk VA)

KAZAKHSTAN R Alma Ata on 11960 & 9780 Sats in GM 0642-0700, hrd in Germany (F Hermann, Play-DX 3/12) Unappears on WBI ES sked, so presumably considered an internal service (gh)

KENYA VOK reported that President inaug'd new VOK xmtr at Nyaminia in Yala 26/11. Said local people'd now be able to hear VOK better; hoped stn, costing 23 megashillings 'd promote their nation-building efforts (WBI 29/11) Ment'd here in case SW; price a clue?

KIRIBATI Allen, T38AT, is xmtr engr responsible for that SW relay to Christmas Island. I was quite thrilled to work him on 20m and tried a shot in the dark by saying, "Allen, I wish R Kiribati on SW xmtr would come in as clearly as your SSB signal". Unfortunately right now this SW relay is off the air as they need the xmtr [for something else?], but he promised it would be put back on ASAP; unlikely before December. Ham radio can be interesting in that respect! (G Victor A Goonetilleke, Sri Lanka, Sept-Oct UADX) R Kiribati hrd 12/11 at 0830 on 14802 USB. Polynesian mx, w/ID & nx 0900. Vy weak sig but sure of ID. Untraced previously, tho checking about every other day (Gerry Bishop, Clark AFB, Philippines) KOREA SOUTH, IMI

KUWAIT EG is at 0500-0800 on 15345, 1800-2100 on 11675. SW feedback pgm on Mons is called Listeners Digest, 2030-2100 (Masayuki Uchiike, Sept-Oct UADX) The Voice of the Cooperation Council from Kuwait (AR: Sawt Majlis al-Ta'awun min al-Kuwayt) hrd to s/on at 0300 15/11 on 6055 & 540 rather than previously ancd 1134. 0710 anmt said svc also be by UAE Radio, Abu Dhabi on 657; BSKSA 'd relay it 1300-1400, while Bahrain R 'd carry it 1100-1600. Since the day before above service started, some nx bulletins on R Kuwait itself have been read by ancrs from radio stns of other Gulf Coop Council members; some nx on RK have doubled as nx for VOCC. Dubai-based nxpaper Khaleej Times reported 16/11 that a landmark in Gulf media development 'd been reached when first AGCC (Arab Gulf Coop Council) radio svc went on air 15/11. Provisionally called 'V of the AGCC', svc based in Kuwait 'd for time being be only till monthend. Immediate objective to provide buildup to AGCC summit due to open in Kuw 27/11, and then ensure coverage of it. Svc being relayed on MW from all Gulf radio stns. Times hoped it'd continue, as filling longstanding gap, Gulf states lacking common info strategy (WBI 22/11) The 6055 & 540 xmtrs carrying VOCC rejoined R Kuwait Genl Svc in AR on 30/11 (WBI 6/12)

LAOS 6130 dominates channel here 1200+ each evening, hrd 12/11 1457 w/mix of new wave and Trd AS mx; wish I'd taped that, somehow I doubt you 'll believe it otherwise. Apparent nx review 13/11 1230-1300 as hrd ments of Vientiane, Bangkok, Morocco, Reagan, all in Lao (Gerry Bishop, Clark AB, Philippines) Luang Prabang regional reactivated, hrd on 6965v +1130-1400, relaying Vientiane pgms on 6130 from 1200 to s/off. Reasonable strength so should be hrd in NAM; Eu try around *2300. Other regional Laotians currently hrd are: Pakse 6590, Xieng Khouang 5650v, Houa Phan 4655. Still untraced: Udon Sai 6800-6850 area, nor ES on nom 7045 (Sarath Weerakoon, Sri Lanka, Spt-Oct UADX) Just picked up ES on 7125 in VT at 1200, improved modulation, so may be after repairs (Sarath Weerakoon, later in ibid.) 7122v at 1235 Cambodian, 1300 FR, 1330 EG, but weak at best 25/11 (Peter Bunn, ADXN) EG 1330 but as usual sounds about 5 watts! 17/11 (Craig Seager, ibid.) Xieng Khouang Province-National Radio--the complete stn name--changed sked to : *1100-1130 Lao local pgms, 1130-1200 Lao Soung, 1200-1230* Lao relay of Vientiane; 1200-1300* Tue/Sat only Lao local pgms? Xmsn after 1200 is new. Vientiane relay is identical w/7 gongs indicating 7 pm local, and then Natl R ID with Pathet Lao March. Fair reception on 5660 (Isao Ugusa, Kobe, Japan, DX Front Line, 20/11)

LEBANON The Progressive Socialist Party's Voice of the Mountain stn and 29/11 that 'tentative bcs to cover the whole world' 'd be bc from that day onwards at 1300-1500 & 1700-1800 on 6.3 MHz or 47.68m. VOM was traced 1300-1500 29/11 on 6305, // 1080; not hrd 1700-1900[sic] (WBI 6/12) unID ME stn in AR, G 22/10 0447 on 6233, ments Iran, Iraq, Saudi Arabia, Israel (Bryan Clark, Nov NZ DK Times) V of Arab Lebanon has returned to 6232, mx in FR at 1230 & 19 and in EG at 1915 (Sören Bang Holm, Cyprus and Björn Fransson, Sweden, SCDX 6/11) VOAL 6233 vy strong 1/12 1845 1915+ w/AR mx and hi-speed ads; much better than stns on 6215 & 6550 at this time. Anyone have current addr for this one? (Mark Warner, Vic) VOAL audible w/EG mx 19k on 6233 (Allen Dean, UKOGBANI, Dec WDXC Contact) Anyone got an address? (Barracough, WDXC Ed) & Anyone know where R Lebanon's 1830 & 0230 EG bcs are to be found at present? (gh)

LIBERIA ELBC, the Liberian BCing System (LBS), Monrovia, DS in EG & many local langs, on air Mon-Fri 0455-2400; Sat 0520-2400; Sun 0558-2400; silent Wed 0905-1200. On 3255 before 0900 & after 1900; on 6090 in between. Some EG pgms: News Mon-Sat 0700-0715, 2300-2315 daily. Wed 2115-2145 Armed Forces' Magazine. Mon-Fri 2145-2200 relay VOA African Panorama (WBI 22/11)

ELWA, Monrovia, tentative D84 sked in EG & Waf verns: to Liberia on 4760: Mon-Thu 0555-0802, Fri 0555-0817, Sat 0555-0832, Sun 0655-0832; Mon-Sat 1725-2302, Sun 1725-2247. To Liberia on 6070 Mon-Fri 1525-1757, Sat/Sun 0825-1757. To Af on 11830: Sun 0655-0902, Sat 0755-0847, Sun 1255-2122, Mon-Fri 1625-2122, Sat 1658-2122 (A Nacht, NY, Dec SPEEDX)

LIBYA For D84, ITU THFBS shows operations from three sites: Tripoli, Benghazi Sebha. Only fq listed for Sebha is 6000, 100 kW 0800-1800. Only Benghazi is 9600 0400-2300 100 kW All others from Tripoli, either 100 or 500 kW (Bob Padula, Dec ADXN)

LITHUANIA Lithuanian R, Vilnius, DS Pgm I is on SW 9710 0600-1630, 6100 1800-2200, in Lithuanian & Russian; one hour earlier during DST in the USSR (WBI 22/11)

MADAGASCAR R Nederland relay at Talata hrd on new OOB for Indo 0930: 17575, P-F sigs, seems ex-25970 which disappeared several weeks ago (Philip Harrison, Perth WA, RA JP DX Time 18/11) R Madagasikara on 5010 at *0300-0341 in lang w/IS, choral anthem, ID by W, into religious pgm SIO 343 to 242 on 9/12 (Richard A D'Angelo, Wyomissing PA)

MALTA From 1/12, IBRA Radio new sked via R Mediterranean: 0600-0800 Sat/Sun, daily 1900-2115, with EG 2030-2115 (Bob Padula, ADXN) R Mediterranean, 6110, hrd w/EZL mx, 2254 nx, more mx to 2305* (Jack Widner, IN, SWNS 3/12) Hmm, used to run to 2330 (gh)

MEXICO R Universidad de Sonora, 6115, from *1400 NA, SP ID & mx to 1420 f/out; clear sig, daily since 19/11 (Ernie Behr, Kenora Ont, 6/12) XEWW off-fq on 15177 at 1455 22/11, LAM mx. Also on 15177 at 0300 8/12 //900 kHz. R México picked up on 9722 w/readable sig, but know it is a spur, 2135 3/12, distorted; 9705 true fq w/same pgm (Chuck Oliver, Spring TX)

MONACO D84 TWR EG sked: 0530-0545 11695, 0725-0750 7160, 0725-1010 9495; Mon/Tue/Fri 0545-0600 11695; Mon/Tue/Sun/Sat 1010-1040 9495; Sun 0545-0555 11695, Sun 1040-1100 9495 (Don Rhodes, Dec ADXN)

MONGOLIA R Ulan Bator ES D84: EG Mon-Sat 1200-1235 FE 12015 9615, 1255-1330 SEAs 15305 7235, 1445-1520 SAs 12Q15 9615, 1940-2015 Pac 15305 7235 [Note new bc]. FR Mon/Wed/Fri 1655-1800 Af 17790 7235. Chinese daily 1025-1055, 1130-1200 on 12015 9615; 1330-1400 15305 7235; 2100-2130 12015 9615. Mongolian daily 0950-1025 & 1055-1130 12015 9615 1400-1430 15305 7235, 2025-2100 12015 9615. Pgms consist of nx, info, features, series & mx. Addr: RUB, P O Box 365, Ulan Bator, Mongolian People's Republic (via Charles Fox, VA) RUB hrd at 1200 in EG on 12010 but QRM from Chinese xmsn (Arthur T Cushen, Nov NADK Times) & other fqs vary at least that much (gh) ITU D84 THFBS of inband operations: 7150 50 kW 09-10, 11970 250 09-15, 5960 50 14-08, 15305 16-19 250, 9615 09-15 50, 7235 10-16 100, 7260 14-08 25, 9575 16-09 250, 11855 14-08 25, 17785 16-09 250 (Bob Padula, ADXN)

MONTERRAT DW relay sked: 9545 0100-0150 EG, 11705 0500-0550 EG, 0600-1000 GM, 1000-1040 PT, 1100-1130 SP, 1200-1400 GM (Robert Chester, RA JP DX Time 11/11)

MOZAMBIQUE R Mozambique on 9618, from 1800 PT, ID, EG mx & pop mx, NA to 1900*v, weak mod 26/11. An unID on 4912 from 0300, weak in Creole-PT or similar, 5/12; next day on 4917.5 until 0340 f/out, wk mod; any info? (Ernie Behr, Kenora Ont) Measured on 9617.9, 13/11 at 1539-1612 Emissõ Nacional (?), signal quality? Hah! None at all! I had to use the R-71A's narrow filter in ECSS mode USB, the passband tuning control, and the notch to make this even 50% readable! QRM on 9620 and 4 or 5 Russian jamms working on 9615, as well as KGEI(?) in background on 9615. Nonetheless, I was able to make out some jazzy disco-beat mx w/poss Af-lang lyrics at 1540; 1544 another piece of mx reminiscent of Af tribal chanting. 1548 more disco, 1553 M & W sharing in PT. A whole string of ads(?), Ment'd Africa, 1555 more mx, 1559 M speaking alone in PT. Missed the 1600 ID, if any, in heavy burst of jamming, but sure he mentioned "Beira" very distinctly (pronounced BAY-rah [should be partway to BUY-ruh -gh]), News followed. 1607 ments "Emissõ Nacional". 1608 possibly complete ID, then little tune on some native percussion instrument. 1609 more mx, almost gone by 1612. Never would've caught this if I hadn't been looking for Mongolia, reported between 9615 and 9620 recently (Robert Palmer, Spokane WA)

NEPAL RN, 5005, hrd 1605 in NP w/apparent adstring and regional mx. ID & nx at 1620, ID as in WRTH. Back to mx 1630 9/11. Vy strong here; should make it to WNA around solstice; 7165 not hrd (Gerry Bishop, Clark AFB, Philippines)

NETHERLANDS RN, new Flevo xmsn noted 14/11 only, 0158-0225 on 6020, SIO 433; other days inaudible or mixing w/Lam stns. Test tape in diff langs, info on DAM system followed by mx which was a little different than R Budapest's on 6025, i.e. more background instruments were audi-

ble guitar, piano, bass, etc (Grant Lochmiller, Denison IA) 7105, unsked fq for test from Flevoland, 0630 14/11, and sounding every bit of its 500 kW (Craig Seager, ADXN) It seems that one must rely on '2nd hand' sources for info on R Neth test xmsns; despite the close connexion between the fq sexion & Media Network, that pgm has not fully publicised Flevo test sked in advance, e.g. surprise appearance on 13670 (gh) Note that our fq amnts three min before start of each EG xmsn are always read live; use of Flevo instead of Lopik will be mentioned then (RN via UADX) 0730-0825 xmsn moves from 9770 to 9630, //9715 (RNMN 6/12) Bonaire

NETHERLANDS ANTILLES From December KGEI will xmit 3 hours of cultural pgms via R Victoria, Aruba, 960 kHz, for listeners in northern Venezuela. LV de la Amistad is asking for advice from listners in the region, on which times would be most convenient, the content, etc. They can write to Box 15, San Francisco CA 94101. R Victoria also has a Venez addr, Apartado postal 20-15, 4001-A Suria, Maracaibo (Adrián Víctor Perfumo, Argentina, Sintonía 2000)

NEW CALEDONIA Noumea has added EG nx 0700-0704 on 7170 & 3335; 11710 appears inactive (Wood, SCDX via WDXC Contact) & I hrd somewhere that the others were silent too following troubles

NEW ZEALAND Hobby pirate "Rolls Royce Radio" on 5850 at 0715 29/9 w/relay of US stn and later R Caroline story; 0745 spoke of own pgms at 0800, but only OC from that time; fair (Bryan Clark, NZ DX Times)

NIGERIA VON reported 19/11 it'd been suggested staff affected by proposed reduction of radio & TV stns in country should be absorbed by the News Agency of Nigeria--NAN. Proposal to this effect had been made by managing dir of the Daily Times in an Ogun R pgm in Abeokuta. He also pointed out that private ownership of radio stns should be limited to urban stns, while govt should monopolise SW & MW ones for security reasons (WBI 22/11) So "urban stns" = FM ? (gh)

OMAN In ITU THFBS listed for only 3 fqs in D84: 6085 14-22 & 02-04 100 kW; 9735 03-14 100 kW; 11890 04-17 50 kW (Bob Padula, Dec ADXN)

PAKISTAN R Pakistan, EG dictation speed nx 23/11 to 0248* on 7314; no /s hrd (Rotremal, AR) Azad Kashmir R moved to 4790 from 4980 perhaps to avoid cochannel QRM from Iran and wobbling jammers. This is relay from a Rawalpindi xmtr at 1410-1800, IDing as "Azad Kashmir Radio. Tarakheh". Most pgming in Kashmiri but joins Is'bad studios to relay nx in Urdu at 1500 etc. However, still using 4980 for morning xmsn *0045; also hrd on 5995 at 1200-1400. Regional stn in Baluchistan prov Quetta 4880v hrd at 0045 & 1300-1600 //7756 in Baluchi & Urdu, while Peshawar has moved to 4950 from 5732. 4950 relays Dari 1600-1800 //5095. Rawalpindi still hrd on 5010 but usually weak. Karachi on 4815. Is'bad made some minor changes; morning s/on *0045 now on 5095 ex-5060, and 5905 ex-7090 (Sarath Weerakoon, Sri Lanka, Sept-Oct UADX)

PAPUA NEW GUINEA NBC Wewak, "R East Sepik" confirmed my 19/9/83 reception on 6140; asst stn mgr Paul Kafafi said 6140 remained on air until 0915 due to failure of the automatic timing device at the xmtr to change fq to 3335 at 0630; only the 2nd 49m PNG I've hrd (Bryan Clark, NZDXT) R Gulf, Kerema, 3245 in verie letter from stn mgr Mau Ilave advised that as of 25/7 they were not being due to xmtr breakdown; off the air indefinitely until the part is purchased (Dene Lynneberg, NZDXT) R West Sepik 3205, 12/11 0936 w/mix of US pops & local mx. TCs one minute fast; ID 0959. R Simbu on 2376 presumed 12/11 1009 w/PNGesque vern and mx, no ID but pidgin EG TCs check with PNG time (Gerry Bishop, Clark AFB, Philippines) As monitored 10/11, R Western Highlands, Mt Hagen, was still on 2450, not yet shifted to 90m, but R Northern was on 3345, R North Solomons on 3325, and R West New Britain on 3235; and R Manus on 3315 at 1200 as reported earlier (Patrick McDonald, Sydney/Dural NSW, via OMDC DX Log)/more PARAGUAY, IMI PARAGUAY R Nacional, 9733, hrd 2100-2330 29/10 & 5/11; 2230 ID, nx, anmt that it operates on SW, Mon/Wed/Fri only; QRM from Moscow on 9735 (G Lanzavecchia, Torino, and W Mola, Play-DX)

PERÚ Stns broadcasting in Quechua on SW: R Tawantinsuyo, Cusco, 4910 & 6175, Thu 1400 & Sun 1430. R Quillabamba, San Martín, 5025 Tue & Thu 1430. R Madre de Diós, 4951, Thu 1630. R Abancay. 5082, Sat & Sun 2330. R Qollasuyo, Juliaca, Suns 2400 on 3250. R Santa Rosa, Lima, 6045 Suns 2345 (Juan Carlos Navarro, MadridX, Oct, via N Shimiz., Radio Nuevo Mundo) R Tawantinsuyo, 6175 and new 4910 (hrd on 4909) with 5 kW, has Quechua pgm 0900-1200 & 2130-2300. R Onda Imperial is inactive on 5055; R Cusco, 6195 plans to raise power from 1 to 5 kW (Emilio Pedro Povrznec, visiting Cusco 25-28/9, via LADXR via RNM) QSL letter from R San Martín, 4810 in Tarapoto mentions that since my reception in late Mar, they've increased SW power from 1 to 3 kW. Letter was frm Kelly Barrera Fachin, the Administrador (Nolan Stephany, NY)

R Continente on 8923 at 0233 13/12; M talking til 0247, then clear anmt w/echo effect. Into Coca Cola ad i.a. (Chuck Oliver, Spring TX) Soft drinx w/out nutrition & totally worthless; consume fruit juices instead, especially around my office (Ralph Nader, DC) R Inca del Perú now bc only tropical and 'folk-andina' mx, in keeping with great popularity of the Peruvian cumbia lately. Stn has changed name several times; was once Inca Radio; also formats. Started with folk, then went thru rock, modern mx, and now back to folk, but with a different style. # Legislation is being considered to create a Fondo de Consolidación de los Medios de Comunicación de Masas, but it would discriminate against stns established for less than 5 yrs. Part of the alarming terrorism taking place in Ayacucho is the disappearance of the journalist and announcer Jaime Ayala Sulca, from Radio Huanta 2000; it is not known whether he is alive or dead. A hundred of his colleagues in Lima have mobilized a protest, assuming that he has been 'silenced' by the police, tho there are contradictory stories. It's also been reported, but not confirmed, that the owner of that stn has also disappeared (Mery Blas, Lima, via Play DX 5/11)

PHILIPPINES R Veritas, Manila now uses 9670 for EG 1500-1530; also 15195 at 0200-0230. nx headlines 5 mins after start. FEBC now listed with EG 2300-0500 15450, 0500-1000 11890, 1300-1600 11850. On 13m, 21525 listed with 2 kW 0000-0500 & 21530 (or 21475) at 0500-1000. "Good Morning India" now retimed to 0100-0200 Mon-Fri w/nx 0110 & 0140; DK Dial Weds 0150 (Alok Das Gupta, Dec ADXN) Per FEBC sked, using 100 kW xmtr at Iba as follows: 7210 to USSR 1400-1800 RS. 1800-1900 GM. Xmsn to China on 9670 1130-1400 Mandarin, 11850 0500-0600 Cantonese, 0600-1000 Mandarin. Iba normally used only to China & USSR, but new sked also shows to Indonesia on 9675 2230-2330 in IN, 11860 1000-1100 IN, 1100-1130 Javanese. All other xmsns from FEBC are from Bocaue xmtrs near Manila (Robert Chester, RA JP DX Time 11/11)

POLAND R Polonia, EG to Nam 0200-0300 & 0300-0355 on 15120 11815 9525 7270 7145 6135 6095. Selected other EG: 0630-0700 EU 9675 7270 6135. 1230-1300 AF 15120 11840 9675 9525. 2230-2300 EU 7270 7125 6135 5995 (WBI 29/11) A new Polish stn called Radio Wolna Europa, hrd on 4565 LSB 2300-2400* (W Berlin reporter to SCDX bc 27/11) I am rather disappointed that such an elementary mistake would be propagated on the world's oldest DX pgm. This is, of course, Radio Free Europe, not in Poland, and not new (gh) But SCDX-print subsequently corrected it

PORTUGAL R Portugal ancd 8/12 that its board of directors had decided to eliminate all EG bc to Nam and the ME, as well as xmsns on weekends; a staff counter-proposal was to keep the ENAM (0300) bc. The cuts to take place 1/1/85 (Mike Schulzinger, Springfield OH) Monitor 6060 9560 at 0300, or 6075 9575 at 0530 to see what happened (gh) During the 2nd week in April, the president of Austria made an offl visit to Portugal; among the many bilateral commercial treaties signed in Lisboa was one in which Siemens Austria will renovate with advanced technology the equipment of Radiodifusão Portuguesa (Adrián Víctor Perfumo, Sintonía 2000) RDP in EG 1803-1815 on 11910 15/11. The sleepy-sounding guy w/nx, mostly of Portugal & Africa; this is on Africa beam, apparently ex-11915 in S84. But who ever knows, with Lisbon?! (Bob Palmer, WA) RDP IS ancd 27/11 that from 3/12 weekday morn PT svc for Eu'd be retimed from 0500-0700 to 0600-0800, on 9740 6100, w/nx 0700 (WBI 29/11)

QATAR New QBS sked dated 7/11-84 to 3/3-85: in AR 0245-0800 7320, 0900-1400 15505, 1400-1800 9905. 1800-0030 7320; pretty sure I hrd them behind R Moscow 2/12 0405 on 7320 (David Swarngen, NC) ITU THFBS D84 shows two sites-w/250 kW: 7160 0300-0700, 7170 1700-2130, 17785 0900-1300, 11725 1300-1700. 100 kW: 9640 1300-2000, 9710 0300-0600, 15285 0900-1300...but note it is actually obs on 7320 1700-2100 in lieu of planned 7170 (Bob Padua, ADXN) QBS Doha hrd on new 7320 +1730-2125*, QRM Afghanistan till 1930 (Roger Tidy, Media Monitor, 18/11)

SAIPAN KFBS D84 sked: [considerably contradicting the tentative one in Dec 1N-19]. Xmtr 1: 21-23 9730 Mandarin 294*, 09-11 11720 RS 341, 11-13 11915 MD 323, 13-14 9515 MD 323, 14-16 on 9545 MD 305. Xmtr 2: 21-24 9730 MD 294, 09-11 11710 MD 312, 11-13 9610 MD 294, 13-14 temporarily off the air, 14-16 11825 RS 312, 1600-1615 9525 UD 294. Xmtr 3: 22-23 15225 IN 242, 23-24 VT 278 on same. 10-1030 Sundanese, 1030-1100 Javanese, 1100-1230 Indonesian on 15115, 242 degrees. 1230-1300 15115 Malay 260, 1300-1430 VT 15350 278, 1500-1545 11880 Malayalam 278 and 1545-1600 Kannada (FEBC via Charles Fox, VA) Targets correlate w/lang, except the 15115 1230-1300 Malay is supposedly for Indonesia (gh) more, LMI

SAUDI ARABIA Recent obs of 11855 show that a new xmtr may well be in use for re-organised EG & FR bcs from BSKSA, Riyadh, now ancd as: 06-10 FR, 10-14 EG, 14-16 FR, 16-21 EG (WBI 6/12)

SPAIN R Exterior de España introed new sked 5/11; EG portion, using xmtr at Arganda & Noblejas: NCGAM 00-02 9630N 11880N. NCGAM 0500-0600 6065N 9630N 11880N. Af/ME 1930-2030 9780A, 11690N. Eu 1830-1930 7450A, Eu 2300-2400 5960A 9780A 7450N (Robert Chester RA JP DX Time 11/11) REE DX pgm in SP: Sat 0120-0135 11945 9530 9360 6065. Sat 0320-0335 11880 9630 9360 & 6065. Sun 0720-0735 21595 11730 9650. Sat 1750-1800 on 17660 15535 15395 11920 11635 9745 9570 7450 (WBI 29/11) EG 1830 & 2300 on 7105 ex-7450 since 18/11 (R Tidy, MM via SCDX 4/12)

SRI LANKA DW relay is on the air; hrd on 9685 in GM at 1700-1855*, vy strong since 4/12; also on 11705 in AR from 1900; on 7200 in UR from 1430; EG ID "This is a relay xmsn from Trincomalee, Sri Lanka" (Ernie Behr, Ont, 6/12) DW Trincomalee relay obs on 17825 w/local ID in EG w/British accent, before opening Dari 0800 5/12, VG level Xmsn running fraxionally behind // fqs originating in Germany, of which 15275 was best; 15105 in GM to 0756* same day, presumed to be from SL also due time lag w/German xmtrs (Bryan Clark, Auckland NZ) It did start 1/12 on sked w/1 xmtr; next will be the MW by the end of Feb; SW #2 in March, and SW #3 in May (G Victor A Goonetilleke, Sri Lanka, RNDN) SW2 expected to begin opn in April; 3rd in July (Peter Senger, DW HF sexion, via RA JP DX Time 18/11) SLBC ES to FE/AuAs 1030-1130 has been re-shuffled, now commencing w/EG nx 1030 (ex-1100), JP hrd at 1105-1120 Mons, while Sinhala at 1035 on Wed (José Jacob, India, UADX Sept-Oct)

SUDAN Omdurman logged s/on in AR 0400 18/11 on 5039; mod poor & spurs on 5016 & 5062 (Roger Tidy, UKOGBANI, Media Monitor)

SURINAME Stichting Radiomroep Suriname, SRS: SW xmtr taken over from R Apintie on Oct 83 on 5006 kHz is no longer on the air; a component in the mod part broke down in June 84 and hasn't been replaced as yet; as soon as xmtr is returned to R Apintie it'll be repaired and put on the air again, I was assured by Mr Vervuurt, director of R Apintie, which now uses 820 & 97.1 + series of low power FM relays at 0800-0400 w/slogan "The Happy Station". The only SW operation is R Suriname International, which actually uses Radiobrás as relay (via satellite link provided by TELESUR, the Sur Telecom Authority). As from 1/10 on sked Mon/Wed/Fri 1730-1815 on 17755; 1430 Sun discontinued due to unsatisfactory reception condx in Neth, main target.

Xmns consist of news, interviews, mx. most of it in Dutch, some in Surinam, the lingua franca, understood by all the different ethnic groups making up Surinam--E Indians, Africans, Javanese, Chinese Europeans, Lebanese, Amerindians). Pgms intended for the 200 kilometers living in Neth. Location is Onafhanke Lijkheidshotel, Kleine Waterstraat 8, Paramaribo, and postal addr is Postbus 2979. Listeners were encouraged to phone stn at (597)-10101 (Christi-an Zettl, visiting Surinam, via Radio Nuevo Mundo)

SWAZI LAND, IMI

SYRIA Damascus came up on new 7425, ex-7365, 22/10; misleading ID as "Saut al Iraq" at 1745 --presumably a 'freedom' pgm; 1815 has own ID and AR nx. Dieter Kassel, GFR, says seems to have just one xmtr which alternates between 12085 and 7 MHz, never //, which is correct, the fq change usually takes place around 1500 currently (Noel Green, DSWCI SW News Nov) unID on 7425 at 2305 12/11, played two classical numbers, then two Spanish; 2315 M anmt in AR; 2317-2327 a man sang or chanted; then anmt and s/off w/NA (Chuck Oliver, Spring TX) Still on 12084.89, give or take 10 Hz; 24-25m band is usually out by 2 1/2 hrs after local darkness here but 30/11 0500-0510 hrd stn in AR w/anmts, mx; peaked around 0600 at 20 over 9, amazing! Hrd "Souriyyah" and "Dimashq" mentioned (Bob Palmer, Spokane WA) Qsld by registered letter in 1 month for report in French, w/1 IRC and Italian stamps; V/s Mrs Awatef Haffar, Dir of Pub Rels; QTH: Place des Omayyades, Damascus (Franco Sandri, PlayDX 5/11) Also sent a tourist sticker in German! (W Mola, ibid.)

TAIWAN WYFR tapes weak but 100% readable in almost noiseless condx, 8/11 2236-2300* on 15035. I checked every band from 60m on up and couldn't find a single parallel; same pgming as previously hrd on 15055, but that now vacant except for RTTY. At 2300 they just pull the plug, always--no ID, s/off anmts or anything; same signal characteristics as FEBC Philippines on 15225 2200-2400. Am aware VOFC was relaying WYFR on other fqs but no VOFC/Taiwan IDs ever hrd here so suspected some other Asian relay site. Confusing the picture was HCB appearing also on 15055, but presumably spurs from 15160 around 2000 (Bob Palmer, Spokane WA) WYFR via VOFC on 15035 5/11 opening EG ancd as 1300-1600, presume ex-15055 to India (Barry Schier, Tasmania, ADXN) 15035 is NF in eves for EG to India ex-15055 4/11 (Craig Seager, ADXN) Not in D84 sked but has EG regularly hrd arnd 1400 (George Tolson, South Australia, ADXN)

TANZANIA R Tanzania, 9684, from 1800 EG nx, 1815 Vof Namibia in EG & vern, 1900 EG nx & NA to 1915*, G 6/11, but now u/DW Sri Lanka to 1855 (Ernie Behr, Kenora Ont, 6/12)

THAILAND Songkhla found on 3rd harmonic 3807, 3 x 1269, to complement the 4th already hrd--this might make it to Australia & confuse the unwary (Ralph W Perry, Kuala Lumpur, Malaysia)

TUNISIA ITU THFBS for D84 lists 100 kW: 7225 04-06 & 16-24; 9610 16-24 & 04-06; 11720 16-24 & 04-06; 11730 06-16; 15225 06-16; 17825 06-16. But "11720" actually hrd on 11820 in 16-24 period (Bob Padula, ADXN Dec) 11820 is genl AR pgm 1800-2330* (Padula, RA JP DX Time 2/12)

TURKEY VOT ancd sked: 2100-2150 7215 WEU, 2300-2350 9755 WEU, 5960 ME, 9560 NAM, 9730 SEAs; 0400-0450 9560 NAM, 9730 SEAs, 1230 bc not ancd but may be at 1330 following above pattern if it still exist (Grant Lochmiller, Denison IA) Another country succumbs to letting times of external bcs vary according to changes in internal timezone; how unprofessional (gh)^{more}, IMI

UGANDA R Kampala [does it really ID that way?], *0400 17/11 on 5030, EG nx (Monferini, PDX)

U S S R [see also LITHUANIA, KAZAKHSTAN, UZBEKISTAN, CUBA] Relay of Ulan-Bator on 7320, from 0300 IS, RS ID "Govorit Ulan-Bator" & RS pgm; vy strong 26/11 over RM in EG; perhaps GMT Mon only; other days hrd "Magadan" ID at 0300; UB was also on // 4765 via Cuba. More Cuban relays of Moscow HS in RS hrd on 4711, 4729, 4747, all vy strong from 0300 5/12 only, also on weaker // 4765; didn't sound like spurs. Yakutsk on 4940 from 2230 w/local ID, Yakut-RS pgm & songs to 2345, G 1/12; //4920 weak (Ernie Behr, Ont) R Moscow noted in EG 1700-0100 & 0500-0700 on 7335, often obliterating CHU entirely (David Alpert, NY NY) RM NAM svc in EG hrd on 4933 0050-0250 3/12 & 8/12 (D Monferini & P Cacciamaatta, Italy, Play-DX) RWS on NF 0600 30/9 & 14/10 1700-2230 (Karel Honzik, Czechoslovakia, DSWCI SW News) Site is Khar'kov, 100 kW (Andy Sennitt, ibid.)

All-Union Radio fq sked, not fully determined due to QRM, propagation; from 31/3/85, all xmns will be one hour earlier than shown. Pgm 1 for GMT+3 & 4 timezones 0200-2200: AM on 12045 06-1630, 11930 0730-1415, 11760 08-15 9800 0545-1415 9775 0645-1415, 9670 0545-1415, 9560 0545-1500, 7350 02-0525, 6105 02-0815, 6095 02-0615 5990 14-22, 5945 02-0615, 5930 02-08 & 11-1430, 5910 02-21. SSB feeders: 14410 USB 02-13, 13820 USB 06-12, 6920 USB 02-05 & 12-22, 5815 USB 02-08 & 14-22.

Pgm 1 - R Orbita 4 for GMT+5 & 6 0000-2000: AM 15245 05-20, 11700 04-11, 11630 0730-14, 9865 00-14, 9490 00-17 7420 00-0715, 7410 00-05, 7280 06-15, 7145 00-0715, 6140 01-08, 6090 00-0515, 6080 00-04, 5900 08-19. SSB: 15600 USB 02-13, 12135 USB 12-1430, 8125 USB 1430-20, 6890 LSB 14-20.

Pgm 1 - R Orbita 3 for GMT + 7 & 8 2200-1800: AM: 15480 05-13, 11805 05-1230, 11750 05-12 1/2 9790 22-09, 9605 05-13, 9450 22-08, 7400 22-04 & 13-1630, 7380 22-04, 7305 09-15, 6200 22-07 & 13-15, 5900 22-24. No SSB observed.

Pgm 1 - R Orbita 2 for GMT +9, 10 2000-1600: AM: 12060 01-0815, 11825 01-0815, 9800 2355-08, 7230 10-16, 6200 0845-13. SSB: 14850 LSB 0405-10, 10690 USB 20-2330 & 08-11, 5380 USB 20-0405, 10-16, 5040 USB 23-02 & 14-16.

Pgm 1 - R Orbita 1 for GMT +11, 12, 13, 1800-1400: AM: 12070 2115-0715, 11740 2115-0715, 9810 2145-08, 4765 Cuba 18-14. SSB: 18830 USB 02-08, 15490 USB 01-08, 12050 LSB 04-08, 9905 USB 18-14, 7390 LSB 18-14.

Pgm 2 - Mayak 24h, SSB portion only: 17580 LSB 03-11, 16330 USB 05-13, 13820 LSB 06-12,

10855 LSB 02-13, 9905 USB 14-17, 9200 LSB 06-1430, 8005 USB 00-05 & 13-23 6920 LSB 02-05 & 13-22, 6890 LSB 14-22, 6825 LSB 14-18, 6822.5 USB 00-04, 5815 USB 22-01.

Pgm 3 for western USSR 0400-2100: AM: 11690 05-16, 7440 0730-16, 6060 0430-07, 6030 0430-07, 5900 16-21, 4055 04-21 [no SSB mentioned]

Pgm 3 "Double" for central RSFSR 0200-1900: AM: 13600 05-1430, 9570 04-14, 7255 1630-19. SSB: 16330 LSB 05-13 8005 LSB 0230-05 & 13-19.

Pgm 3 "Double" for eastern RSFSR 0000-1600: AM 5920 01-07, 5900 01-08 & 14-16 (WBI 29/11)

BBCMS published a 44-page half-hour by half-hour monitored sked of all R Moscow & associated external services, including Mayak on AM, with cross reference by target & time--much too extensive even to begin to do justice to here, so I will just pick a few extracts which may be of interest (gh) In addn to several xmsns in Greek for Greece and in Turkish for Turkey, there is one a day in each lang especially for Cyprus: GK 1800-1830 on 9800 7355 7300 7130 6120 1170; TK 1530-1600 on 12040 11920 9800 7130 7100. Among the Af langs rarely hrd if at all on other int'l beers is Fulani, 1900-1930 on 12045 12020 9620 9490. Quechua is the only Amerindian lang from BR, 0100-0130 Mon & Thu on 11745 9450, tho R Stn Peace & Progress has Guarani same time and freq Wed & Sat, whilst other days this is in PT P&P. Radiostantsiya Rodina, in Russian to the Americas: 2330-0030 on 9820 9685 9500 7390 7330 7290 7135 5980 5950 5935 5920; 0200-0300 SSB-10690 9865 7310 7290 5980 5950 5935 5920. RSP&P in Creole to Haiti 0000-0030 on 9795 7260.

Entire EG sked of RSP&P: 1330-1400 As 11845 11800 7355. 1630-1700 Af 12045 11715 9745 9710 9515 9470; separate pgm to ME/As 15365 9575 7265 6190 6170 6005.

The Russian pgm "Radiostantsiya Atlantika" is at 1300-1400 on 17880 17820 15485 15190 15175 12070 11830. In Arabic at 1545-1600 on Fri is Corner of the Palestinian Arab People; Sunday, Messages to relatives & friends; on 17880 15530 11960 11755 11745 9730 9675 9500 7305 7265 7210 6180 6170 1170 and if lasting past 1600 also on 7100 972. At 1630-1730 RS Atlantika is repeated on 12070 9890 9545 7420. Arabic at 1915 Fri again has Corner of the Palestinian Arab People, on 9800 9730 9675 9500 7355 7210 7130 6190. The quasi-landestine pgm R Magallanes, in Spanish to Chile is at 0200-0230 on 12045 11800 11745 9810 9710 9650 9640 9490 9450 7440 & 7240; 0330-0400 on same. SSB feeder fq for NAM svc: 7493 at 2300-0800 (WBI 6/12)

Regional stns' ES, extracts: R Leningrad, 2200-2300 Fri in RS for Soviet fishermen on 5950 & 1495. R Stn Soviet Belorussia, Minsk, in BR to Eu: 1800-1830 6010 5980, 2130-2200 7420 6185. R Stn Tikhy Okean, Vladivostok, 0815-0900 in RS to Pac/NAM/FE/S/SEAs, incl Sat 0847-0852 EG rx [time previously reported here as widely varying] on 21690 21530 17850 17815 17765 15515 15295 15260 11900 SSB-9905 9795 9635 SSB-7493 7370 7260 7175 6035 6020 5980; also via Khabarovsk on 7210, Pet/Kam 4485, Yuzh-Sakh 4050, & LW 200 245 236. 1315-1400 RS to FE 5015 810. 1930-2030 RS to Pac/NAM/FE/S/SEAs on 9810 7380 7330 7280 7260 6115 6045 6035 5960, & Vlad 5015.

R Yerevan, to Ams 0330-0355 AM, 0355-0400 EG [sic], on 15300 15240 15105 11790/11785 9750 9685. Sun to Eu 0800-0850 AM, 0850-0855 FR, 0855-0900 AM on 17790 15510 15305; AM to LA on 2230-2300 on 12055 9450 (WBI 6/12)

UNITED ARAB EMIRATES UAE Radio, Dubai, on 17838 0525 11/11, beginning EG 0530 after AR // 21700, but unhrd on 17775 or 17830; complaining of rx no reception reports of 17830--being this much off channel, no wonder! (Max Greaves, Vic, ADXN) Trying 7275 (via McKeon) 0330? (gh)

U S A VOA, Greenville? on 10456 at 0318 w/Daybreak Africa pgm, WOOB, SIO 353 7/12 (Richard A D'Angelo, Wyoming PA) UN Radio on 10456 at 0215 13/12 in EG, not 10454 SSB as in WRTH (Chuck Oliver Spring TX) WYFR 10/11 1923-1928 on 15375, very fine level // 15365 and 15215, NF apparently to E Canada; using 15365 //15375 at such high signal is unconscionable. Nothing can be hrd between them. It's time our FCC blew the whistle on these guys. Later in month moved from 15375 to 15380, still ruining two slots between them; 3/12 back on 15375 (Bob Palmer, Spokane WA) Well, the FCC still has final authority to authorize freqs, so can hardly be unaware of what WYFR is doing; also, nothing much on 15370 except R Liberty & jamming (gh) A company in Kentucky called Trans Tech International has ancd plans to put a SW stn on the air, called Kentucky Radio International w/hvy emphasis on nx, but also magazine show, DX pgm & possibly radio drama; yet to apply for a licence (SCDX 16/10 via NZDXT) see also NETH ANTS

"The All-Wave 1622" 14/11 0308-0334, mx and talk at length about Yonkers NY not having any AM or FM stns until this community svc; addr P O Box 327, Hastings-on-Hudson NY 10706; gave call of KBF941; VG to E w/bad htr from 1620; hrd other nights but weaker (Mike Csorbay, Ont, DX Ontario) It's KFF941, a new facility turned on 7/11 by Allan Weiner who also runs WOZW & WOZI in Maine; noncommercial, primarily AOR, 100 watts; technically licensed as an auxiliary to the ME stns; slipping thru an FCC loophole; Weiner said FCC aware of this and had given its tacit approval; has been received as far as Baltimore, Detroit, Belfast ME, Canada. Weiner is originally from Yonkers (Broadcasting 26/11 and Billboard 8/12 via David Alpert, NY) more IMI

UZBEKISTAN Vatandosh Radiostantsiya ("Radio Compatriot") in Tashkent is noted s/on in UZ at 1700 on 7140; beamed to UzbeX abroad, sked 0230-0300, 1520-1600, 1700-1800 on 5960 7140 9780 in UZ; 0030-0100, 1230-1330, 1430-1500, 1530-1600, 2330-2400 on 5060 and an unID 49mb fq, MW 1323 in Uighur (Richard E Wood, HI, SCDX 6/11)

VATICAN VR listed on OOB 7337 for D84 1730-1815 in Albanian, Slovene, Croatian; noted occ'yly on alt 7385 (Bob Padula, ADXN)

VENEZUELA R Nacional says it will put two new 50 kW xmters on air from Dec; currently using 9540, 11695, 15400 for one-hour bcs at 1100 1400 1800 0000 0300 (Christian Zettl, SCDX 13/11 but labeled as 6/11) R Frontera, San Antonio, hrd on 4760 21/11 & 25/11 0020-0110. IDs, "música y alegría" (Giuseppe Zella, Italy, and Gordon Bennett, UKOGBANI, Play-DX)

VIETNAM [Cf Dec LN-21] Bac Thai, which moved to 6620 in early Oct, remains around that fq as of late Nov, e.g. 6616 on 25/11; sked *1124-1330* w/opening chorus at *1124-1130. Cao Bang, moved from 6519 to 6510 24/10, still there a month later; 6510 had been used by another Viet, Lang Son till C.B. took over the fq. C.B. hrd at *1200-1400* on 6510 as of late Nov. Note closing time; *1200-1430* sked was used briefly in early Sept, but back to normal 1400* since. Still the most reliable Viet regional. Gia Lai-Kon Tum is tough catch these days; seems still around 4701; when tuning to 4700, Surabaya is loud on slightly lower fq, overlaid by N Korean coastal at 1100 & 1130. GLKT confirmed on 4701 in late Oct but not since. BBCMS sked of *1030-1400* is apparently mixed w/Son La's. GLKT should be *1030-1200* and Son La at *1200-1400* on 4701. BBCMS continues to list SW from Hanoi City on 6850 and 7990, never hrd here; article in 14/10 Nhân Dân on 30th anniversary of stn mentions only MW 527m. Could the SW fqs have been something else mistaken for Hanoi? Or super weak? Hoang Lien Son now hrd on 5596 & 6720 at *1000-1030* and *1145-1300*. Were on 5602 and 6680v back in Sept, then former moving down to 5596, latter upping to 6680-6696v-6720. And now they are almost stable on 5596 //6720 for three weeks. Lai Chau on 6588 as of 27/11; has been around 6590 for 12 months now. But past 4 weeks were toughest for them because Pakse [Laos] uses same channel and is stronger than Lai Chau. I could confirm them still using 6588 27/11 when Pakse for some reason was off the air around 1300. BBCMS' opening time is probably OK, but closing time used to be 1330*, and latest check 27/11 shows pgm continued to 1400*. Lang Son, 6510 was last confirmed in Late Sept, when stn began to move from longtime 6510 to 6516. Since then, reception sporadic and by late Oct, 6510 was stolen by another Viet, Cao Bang. Lang Son not hrd in Nov. Nghia Binh heard in Apr on 5080, but never since. Phu Khanh not confirmed currently. Son La continues hrd on 5701 and 6333 at 1200-1400, a constant catch; see note under GLKT above. Thanh Hoa not confirmed currently. Binh Tri Thien is an addition to BBCMS list. It has been using 4672 *1300-1400* but changed only recently and here is fairly new info: since mid-Nov hrd on 6571 on new sked of +1154-1230*, fair strength but ute QRM; when sked from 1300, reception was only occasional, but recently improved to daily catch. Another stn, but not on BBCMS list, is Ha Tuyen, hrd 13/11 on 4822 at 1236-1353* Further chex in vain. Was confirmed on 4813 in Aug & Oct, which means they moved up from 4813 to 4822 in Oct-Nov. If they were moving arnd 4820, chance of reception would differ largely from fq to fq they are on. Yet one more, last but not least, is the rarely reported Lam Dong, hrd on 4805 at /1127-1218/ for a short period during mid-Nov, peaking 13/11 when Viet ID confirmed as "Ngày là ðai phát thanh Lâm Ðông." Not confirmed after 20/11, tho (Isao Ugusa, Kobe Japan, DX Front Line 29/11)

Many changes noted to regional stns and this is the latest on air monitored info we have: Hoang Lien Son noted *1145 on 5596v//6719. Lang Son hrd *1200 on 6510v, Cao Bang moved from their established 6528 to 6618 again noted at *1200 (Victor Goonetilleke, Sri Lanka, UADX Oct)

ZAMBIA Times of Zambia reported that the Minister of Info & BCing had told Parliament 20/11 that the govt had taken steps to counteract S African propaganda beamed to Zambia on the R RSA ES. Answering a question on what his Ministry was doing about the strong RSA propaganda beamed to the western and eastern provinces of Zambia, the Minister said that his Ministry was aware of the vry bad radio reception (of R Zambia), especially in rural areas. The Ministry had, therefore taken steps to improve radio reception on MW & SW. Including 200, 50 and 500 kW MW xmters (WBI 6/12)

ZAIRE, LMI

CLANDESTINE CRANNY Voz da Verdade, 4950, hrd at new time since late Nov, from *0300 PT talks about Angola & mx to 0340*v; often mentions "camaradas"; fair to weak sig but 6/12 was 20 over S9, equal to RSA on 4990; USB xmtr tho V da Resistencia on 4950 used to be DSB-AM, when hrd in Sept (Ernie Behr, Ont, 6/12) ID as "A Voz da Verdade" (The Voice of Truth), hrd on 4950, 0 USB 28/11 0340-0400*; only fair, deep fades & atmospheric noise, M anc; lots of light mx w/some good PT Brazilian songs w/ vocal. Many ments of Angola, USA, South Africa. Went off the air right in middle of a song. Audible only on USB; caught again two nights later, again USB only, for Angola. Either from xmtr inside Angola run by contra forces, or from S Africa, more likely (Bob Palmer, Spokane) unID on 4950 at 0320 28/11, American mx, PT lang, mentd Af several times, G sig, but can't ID (Chuck Oliver, Spring TX)

R Freedom pgm on behalf of the ANC, monitored on R Madagascar 9/11 & 14/11 at 1700 on 6135; 9/11 pgm was in EG & Sesotho, whilst 14/11 in Zulu. 1700 11/11, R Mad bc a pgm from UN Radio in Afrikaans, Zulu, Sesotho, Ndebele (WBI 22/11)

V of Namibia pgm at 1900 on behalf of SWAPO via Zimbabwe BC Corp from Harare ancd 14/11 the pgm also sked on other stns: R Nacional de Angola, Luanda, 1600-1700 Sun, 1630-1700 other days on 7245; via ES of R Tanzania, Dar as [sic] Salaam, daily 0430 on 40 & 3lmb. via Voice of Revolutionary Ethiopia, Addis Ababa, daily 1900-1930 on 9595. via V of the Revolution, Brazzaville, Mon-Fri 2000 on 15190 7105; via R Zambia ES, Lusaka, Sun 0630, 1130, 1830 all on 9580 6135 6060. Some of these times and fqs might be inaccurate (WBI 22/11)

V of Libyan People, 15040 hrd 12/8 signing on, strong, test tones 1754, mideast type mx 1758, fanfare, s/on anmt at 1801, then presumed NA (David Alpert, NY NY)

R Bardai 49m has opened up nicely at mid-day, including a stn on 6009 hetting 6010 24/11 (Mitch Sams, Wichita KS) R Bardai, 6009, from 1900 in AR & vernac, 2052 FR ID & NA to 2054*, G 5/12; ID "Ici Bardai, Rdif. Nationale Tchadienne, La Voix de la Libération" (Behr, Ont)

V of Liberation of Iran also on new 9855, same xmtr as V of Unity (below), hrd 1/12 from *1630 w/mx IS & Farsi pgm to 1700 f/out; ID "Seda-ye Nejat-e Iran"; no // noted (Behr, Ont)

V of the Liberation of Iran measured on 9854.9 30/11 1628-1650; weak sig. splatter from 9850. Caught my attn at 1628 w/xmtr tone. IS strongly reminiscent of R Tashkent, and seemingly done on same instruments. S/on 1630 followed by 1 or 2 min of that Iranian heroic-sounding mx w/deep male voices. Them M began in Persian. Hrd Khomeni's name mentd several times. More mx at 1645, but almost under noise so tuned out. See Nov LN p 31. WBI has them *1630 as did this, but on 9027 and 15554. 9027 had a xmtr tone only, and nothing on 15554 because 19m was still 'out' to that part of the world. Wasn't R Vatan on 15554 a year or so ago? Some connexion, maybe; and Vatan was supposed to bc from Egypt (Bob Palmer, Spokane WA) This stn, being material in Persian hostile to Khomeyni and the Iranian govt, announces it's allotted part of its being time to the Azeri lang. Items in it hrd after Persian mx on M/W/F in 1630-1830 xmsn on 15555 and 9027 (repeated next day at 0330-0530) (WBI 29/11) V of Mujahed of Iran, LMI
R Iran hrd from 24/11 to 26/11, F-G sigs on new 7420. *0130-0225* and *0230-0325* repeating first pgm; s/on w/mx IS, ID, talk in lang (Artie Bigley, San Antonio TX) V Kawthooli v BURMA

V of Unity, Afghan cland, hrd on new 9855 since 1/12; from *1530 Pushto/Dari pgm & flute mx to 1628*v, G sig; // 11630 & 15050 much wkr; Cairo on 9850 was same level as 9855, and both went off at same instant due to power break during xmsn; *1630 V of Lib of Iran on same (Behr) 21/11, this stn hostile to govt of Afgh and to Soviet involvement there, hrd at 0130-0225 on 11560 & 7420; next day, 9275 ex-7420. Voice of Unity anc's listeners should send any letters to P O Box 284, 1061 Vienna, Austria (WBI 29/11) Seems all 3 stns interrelated, tnx CIA? (gh)

V of Tamil Ezam, hrd 21/10 0200 on 7040; supports Sri Lankan Tamils; fq varies from 5996 [sic --means 6996?] to 7080; bc weekends in EG, TH, SN (R Shreedhar, India, Dec SPEEDX) VOPB, LMI

R Miskut, 6914, prepared card duly signed & stamped, along with an epic 3-page letter describing the history and struggle of the MISURA, rxd from Evaristo Mercado Pérez. Director de la R Miskut, in 26 days for Spanish report and \$1. Also rxd magazines El Gigante Ya Despl[er]to! & brochures vividly describing the horror story of Miskito women being forcibly sterilized against their wills by the Sandinista regime! Letter notes, i.e. that Nic fell to communists during Carter years. MISURA is a unifying organization for the Miskitos, Sumos, Ramas and Criollos-Negros of the Atl coast of Nic. Addr is: Comisión - Política MISURA, Apartado Postal No. 1668, Tegucigalpa, DC, Honduras. Personnel of the 'Directorio' include Wycliffe Diego, Coordinador General, and Steadman Fagoth, Jefe de Estado Mayor. A tremendous tnx to Gerry Dexter for digging up the addr on this! (Steve Reinstein, Miramar FL, DX S Florida 21/11)

R Farabundo Martí finally replied to my reception report w/verie letter. Report sent to Apartado 32-80, "Los Escombros", Managua, but reply came from Roberto Acuña, Centro de Comunicación y Ayuda Entre los Pueblos, P O Box 26843, Los Angeles CA 90026. Took 330 days but I'd imagine a report sent to LA would be answered much faster. Acuña says RFM is aired on KPFC 90.7 Mhz in IA on Thurs at 6:45 pm Local (Steve Reinstein, Miramar FL, Nov DSWCI SW News)

La Voz de Alpha 66 has returned to the air, hrd 11/12 0205-0227* on 7536 rising to 7543.7 at QRT, SIO 242. Short items in SP by M&W ancrs alternating, ding-dong doorbell-type chime between items, a common style on LAM stns. Pgm content: shrill, shouting anti-Cuban remark on Cuban politix and economy. Trumpets at 0225, M calls for Cuban revolution and gives clear ID over brass band mx to 0227*. Some FM'ing of carrier makes ECSS sound like Donald Duck, but AM reception reasonably clear. Worst case of unstable VFO I ever saw, w/fq rising 1 kHz every couple of minutes (George Zeller, Ashland OH) R Quince de Setiembre & La Voz de Sandino, LMI

La Voz del CID on new 9940 since 30/11, hrd from *1400 w/SP nx & LAM mx to 0045*v, audible all day in NW Ontario (Ernie Behr, Kenora [which is really in SW Ontario; similarly, "Pacific NW" should never be applied to BC, but instead "Pacific SW"--help eradicate US imperialistic geographical terminology from being applied to Canada!]) Hrd 1/12, 2/12 using 9939 instead of 10040 or 10039.?, also // 11680 when checked between 1800 & 2200 (Grant Lochmiller, Denison IA) LV del CID, 10040, sent letter in 100 days, for no IRCs; report sent to USA, Box 60226, Chicago; reply from Costa Rica; xmtr on 10040 is on Dominican Republic territory (C Dondi, Italy, Play-DX 26/11) Did they state that explicitly in writing? Or are you saying that, and how do you know?? (gh) Clarín engr says 10040 CID is in Costa Rica (Jeff White, Earth, SCDX 27/11)

R Martí Caught part of a mx item on WLTV, ch 23 Miami mentioning a possible startup 28/1/85, José's birthday, in connexion w/Sen Hawkins' sponsorship; 28/1/84 was one of many unmet target dates, but anyway check 1180 kHz; it'll presumably start some time (gh)

NORTH AMERICAN PIRATES Secret Mountain Laboratory hrd on 7430 0305-0350 9/12; started out playing Cajun mx and comedy, ad for Duke of Madness Motors, and ended w/spoofs on a few other records and PSAs. At s/off, addr for reports was given twice as P O Box 5074, Hilo HI 96720; quality too good to pass up; had to be hrd by a lot of others (Ken Evans, Quinby SC) 7432.2, 10/12 0254-0351* interesting pgm; aside from Firesign Theatre comedy and Tex-Mex mx, had two lengthy relays of pgms consisting of Cajun mx and comedy from KEUN-1490 Eunice LA; ancr in thick Cajun accent said pgm was on every Sat aft 5-6, live concert; I can't hear KEUN; this all was via pirate rebroadcast (George Zeller, Ashland OH)

KOLD, Radio Oldies, 7430 1/12 2212-2246 playing oldies rock from the 50s and early 60s, VG strength until sudden f/out 2246; IDed after about every record, typically, "KOLD AM 1620 and now SW 41 meters, Radio Oldies" (Ken Evans, Quinby SC) Also hrd here, on same channel as WKUE; KOLD on 7429.2 from t/in 2233 to f/out 2240 (Michael Harla, Vineland NJ)

WKUE "The greatest hits of all time" preceded KOLD and played similar material, hrd 1/12 2117-2143 on 7429.2, same channel as KOLD; easily measured with the R70 (Michael Harla, NJ) Possibly new pirate, WKUE hrd 1/12 2130-2143 on 7430. Mr Coffee was ancr, asked for mx.requests to Box 5074, Hilo HI. You automatically know something's going on when you hear Tiny Tim's "Tiptoe Through the Tulips" (David Swaringen, NC)

R Woodland International, 7355, 28/10 0312-0349*, Bugs Bunny goes to the moon pgm; rock mx. Hilo addr. S/off msg: "And, this is your DJ, Jack in the Green, reminding you to kill a commie for your mommie. And when you do, bring it down to kill-a-commie hunting club and they'll make a commie skin rug for only 10 dollars. So long for now. We'll see you next broadcast". Frequent ID was "R Woodland Int'l, the Voice of Nature" 35433; tho HI addr, I think xmtr site is mainland; QSL notes "our pgm was relayed". Said hoped to be back by Christmas and every month or so; was their first bc, and 2nd QSL; showed footprints of badger, skunk, wolf, coyote, red fox, front and hind, walking and running (Bill Hohnstein, Waverly NE)

WYNN, an all-woman pirate stn, hrd 8/12 0430 on 7432.2, all female country mx, ID, YL DJ ancs bcng for and about women; 23332 (Gary Hickerson, Ft Smith AR)

KABF, 7425.5, 8/12 0356-0430, rock & jazz mx, ID underground University of Arkansas, Little Rock type stn; heavy video-game sound QRW--makes a very effective jammer; 32332 (Hickerson) Is somebody relaying 88.3 LR stn on SW a couple of occasions, such as 8/12 0145-0600+ on 7425.2; DJ gives request number, and some DXer who heard the relay called in to tell the DJ he was on SW; DJ at first thought the clr was pulling his leg, but subsequently became convinced (George Zeller, Ashland OH)

R Angeline, 2/12 0410 on 6262, rock mx plus phony ads for "Health Mate '83", "Cellar Door" and "Waterman's Tuna". Sig from S2 to S9; ute noises; ancr Jo Jo. I liked "Send in the Clowns" on mx box at s/off 0452 (Chuck Oliver, Spring TX)

KRZY Krazy R, on 11880, hrd 17/11 from 1650 w/bagpipes & Irish folksongs, EG ID to 1755*; ancd 25 watts (Ernie Behr, Ont) New name for a pirate, but really a new form of KQRP with Dr X now named "Captain Krazy", 3/12 0320-0355* on 7430, SIO 333. C&W mx along with tape of country comedian Jerry Clower, also had mbg segment; new pirate wouldn't have listeners' letters already! Still uses Box 982 (Grant Lochmiller, Denison IA) At first sounded like KRBY, 7430 0305 3/12, lots of static, to 0355* Also 8/12 0315 on 7432, "Bring on the Clowns" ID song on 7433 for 20 mins continuously, off at 0320 but could get very little of 7432. Did make out the old "Marcia-John" routine. Off at 0347 giving Hilo box (Chuck Oliver, Spring TX)

WFBP, 7435 LSB, 3/12 0112-0230+, SIO 333. New pirate and host, "The Messenger" who read from Orwell's works and the A*C*E. Host described self as a "Revolutionary Democratic Socialist". Also had segments called the "Pirate & Farm Report" and "Career Corner". Last 45 mins devoted to solid bluegrass mx (Grant Lochmiller, Denison IA)

UNIDENTIFIED More Farsi or Arab clands are popping up evrywhere, together with new flutter- & bubble-jammers; have not had time to sort them all out, but this is what was hrd: 25/11 a new one on 6175 at 1350 w/Farsi talk and mx, under several jammers; 26/11 apparently same stn on 6190 at 1300-1400* Farsi talk & Marxist-sounding songs, strong and no jammer but another stn on 6191 at same time, in similar lang to 1313* abruptly; 27/11 from 1330 flutter jms on 6190, 727 5, 7285; 28/11 stn on 7230 in Kurdish or similar frm 1315, perhaps VoIRI; since 1/12 Farsi on 6200, ex-6190, u/jmrs; 1/12 two Farsi stns on 9510 & 9511, from 1300; the one on 9511 w/ID "Seda-ye Jumhuriya Islamiya Iran" & from 1330 in AR is probably VoIRI; also another Farsi on 7290 from 1300, perhaps "R Iran" via Baghdad; 5/12 from 1330 flutter-jmrs on 6200 7175 7215 7230 7290 9510, all past 1600; these are becoming a greater menace than most Soviet jammers; some WEu firm is probably making a fortune selling new jammers thruout the Middle East (Ernie Behr, Kenora Ont, 6/12)

5053.0 Someone is testing a SWBC xmtr of considerable power here, early AMs in WNA, hrd 28/11 1425 t/in to 1448 off w/similar fade characteristics to other low-fq NE Asians that morning in same timeslot. Only some oocl xmtr hum and tone were hrd, mostly just unmod carrier. DSW-CI 84 TBS has Ulan Bator listed on this fq w/local svc, and Singapore on 5052 (which WRTH says is RUB's as well as Singapore's fq). Also hrd 2/12 under same condx to 1455* Never any voice but this date hrd long durations of xmtr tone. Given lousy prop condx on higher fqs nighttimes in NHEM, I'd not be surprised if RUB shows up here soon for FS to SEAs. From strength seems large FS xmtr, not 50 kW listed. 5053'd be good fq for 1200-1520 FS; 60m getting better during nighttime hours (Bob Palmer, Spokane WA) A bit iffy; if no evidence of pgming could be ute

6085 AR stn hrd often since 18/11, from 1400 to 1600 f/out, TS on hour, strong 6/12; Oman?

7427 Spy stn on LSB, 0501-0504 2/12; instead of numbers, she used Spanish foods; Tos- (Behr) Tado, Burrito, Frijoles, Tortilla, Taco, Tamale, Nacho, Chili, Guacamole, Tequila. Don't know if this was spoof or spook (Chuck Oliver, Spring TX) Er, are those in order numerically? (gh)

9026 5/12 2230 vy weak, think EG, reading, maybe nx items, w/5-10 second spacings. No break for ID at 2300; also Arab on 9027 at 0250 11/12, man harangue, did not slow down at 0300

9508.8 hrd since 4/12, from 1545 pop mx, unID lang, also from 1915 to 2000 apx, (Oliver TX) weak sig (Behr Ont)

11715 AR stn here since 25/11, talk & mx 1830-2000* (Ernie Behr, Kenora Ont)

3246.3 Latin 1/12 2135-2200*, 5/12 2136-2158*, 6/12 2148-2201* New or reactivation? Has to be YV or CAM, unsounds Libertador; not Luz y Vida, Tigre, Occidente; unhrd 1030-1200 (Reinstein, DXSF)

LAST-MINUTE INFO

AFGHANISTAN R Afgh in EG 0900-1030 to S&SEAs/FE on 15435 6085 4450; 1900-1930 Eu 15077 7320 5905, via local & USSR xmtrs. Pashto/Dari pgm to Eu 1730-1830 15077 7320 5905 called "Breeze of the Hindu Kush"(WBI)

ANGOLA R Mac has new ES of EG 2100-2200, FR 2200-2300, exc Suns EG 2200-2230, FR 2230-2300, on 9535 7245; but 9535 is mostly off; // 9660 lately; also SF D. 2000-2100 (Ginbey, RNMN 21/12)

ARGENTINA R Rivadavia drifted to 4592 always USB, only sports (Daniel Camporini, ibid SCDX Z/)

BOTSWANA R Bots hrd on 4820, may well be one of 3 new xmtrs; EG nx 1910 (WBI 13/12) New 11) xmtrs on diff fqs than old; 4820 ex-4848/4850; 5955 ex-5965 and 9600 ex-9593, old sked (Ginbey)

CAPE VERDE Re 7155: have rechecked my notes & tapes and can positively say that "Emissora Oficial" ident is given at 0800 before nx [cf Nov LN]. I suppose it's conceivable this part of pgm is relay from other CV operator; s/on time arnd 0730 quite erratic, no ID tracked down then

CHINA R Beijing VT svc ancd 1/12 that Guangxi had begun VT pgms at 1000 (Bryan Clark, Auckland NZ) that day Guangxi stn said to "zealously serve VT listeners...strengthen friendship..." Has been traced on 5050 1000-1600, six one-hr segments, opening ID: "Daay laf[sic] daif[sic] phats [sic] thanh Guangr[sic] taay" (WBI 13/12) Another garbled transcription to amuse Isao Ugusa

COLOMBIA New stn on 5936, "CARACOL Carreño", tnx Crawford tip. hrd 30/11 2220-2359*, strong G audio, pops, rustic ballads, local ads for Puerto Carreño and Venez frontier town Puerto Ayacucho! Also 1/12 tune-in 11284; lots of CARACOL promos, but no further ID than above; possibly stn listed on 1100, Brisas del Orinoco but unk if CARACOL outlet (Steve Reinstein, DXSF)

CUBA R Rebelde, 5025, 18/12 2145-2201 & 19/12 0149-0201, STO 444/434, t/in/out times shown. Wasn't a Cuban near here before? (Mike MacCollum, IN) Yes; now fairly regular, hrd all day here, as strong as 4765 on the meter but not so modulated; // numerous MW (gh) 5/12 0442-0600 hrd so-called Mayak on 4765, + // 4712 4730 4747, average 17.5 kHz spacing (Michael Harla, NJ)

DOMINICAN REP R Earth via Clarin 11700 ancd 7/12 it'd drop weekday 0300 bcs in Jan (WBI 13/12)

ECUADOR LV del Rio Tarqui, tent, 3288a 18/12 0220-0428* in midsong, IDs don't sound right; ancd 3285, poor due to Belize & 3290 OC; not hrd 19/12 (Mike MacCollum, Indianapolis IN)

GUAM KTWR EG: 0845-1030 11840, 1330-1430 9510, 1415-1430 11920, 1500-1600 9535, 0000-0040 (Sat 0100) 17790 (KTWR via SCDX 11/12)

INDONESIA RRI stns were 24h only during Ramadan; RRI Semarang 3935, Tanjungkarang 3395 still noted at usual s/off 1700 (Richard E Wood, HI, SCDX 4/12)

ITALY R Earth testing since 8/12 on R Milano Int'l, xmtr Zinasco on 7144 or 7296 (Play-DX)

JAPAN R Japan says GS to Am 0400-0600 is on 9645 not 15300 (via Bob Bedell, SPEEDXGRAM)

KOREA S R Korea 15 min EG World Nx Svc: 0015, 0045 0115 0145 0215 0315 0345 0415 0445 0515 0545 0615 0645 all on 7275. 0815 0845 on 9570. 0915 1015 1045 1215 on 7275. 1245 11805 & 7275. 1345 15575. 1445 11805 7275. 1715 1745 on 15575 5975. 2015 7275. 2315 6480. 2345 on 15575 7550 7275 6480. Regular 1-h EG: 0145 15575 11810 Ams, 0330 Eu/Ams/ME 15575 11820 9570. 1100 ME/Af/FE 15575 7275. 1300-1330 FE 6135 1170. 1400 Ams/SEAs 15575 9750 9570. 1600 Eu/ME/Af/FE 11810 9870 5975. 1800 Eu/FE 15575 5975. 2200 Eu/ME/Af 15575 7550 6480 (WBI 13/12)

PARAGUAY R Guairá, 5935.2, 0052-0206* 28/11, Lam mx, TCs, anthem (MacGibbon, 'GRAM) cf COLOMB

SAIPAN [cf main section] When 2nd KFBS xmtr on, RS sked 1400-1500 11940, 1500-1600 11820 (Marcel Romerts and/or H Yoshioka, SCDX 27/11)

SWAZILAND TWR in FR to Canada 1800 on new 9825 (Emilio Pantani, Italy, SCDX 4/12) I find that target extremely doubtful; could be pgm produced & taped in Canada, RQ address (gh)

UGANDA New ES at 0900-1200 on 9730 in SH, EG, FR (Richard Ginbey, Boph., RNMN 21/12)

U S A Yonkers stn on 1622 kHz went off 29/11 after 22 days on air, when FCC threatened legal action; stn maintains that strict interpretation of rules allows this in CONUS (NY Times Westchester edn only 16/12 via Robert Yowell, New Rochelle who hrd them arnd 8 pm -1 or 2 am)

ZAIPE Lubumbashi reactivated on 4751 after several yrs, *0500 //7205 (Ginbey, RNMN 21/12)

AZAP reported 5/12 that OZRT inaug'd new 100 kW SW xmtr in Kananga, 5 megameter range, making 3 xmtrs there; widely hrd (WBI 13/12) WRTH 84 has 8 stns there, ment'd as inactive (gh)

C L A N D E S T I N E S V of the People of Burma, supporting pro-Peking Burma Communist Party, uses 7570: 0030 BM, 0100 Karen, 0120 Jinghpaw, 0140 Shan, 0200 Wa, 0220-0240 Std CH. & 1200 -1410 in same pattern; first hrd 9/4/71, but born again 28/3/80 (WBI 13/12)

V of the Mujahed of Iran, new anti-Iranian govt stn, hrd 30/10 1625 on 15049, abruptly s/off or changing fq to escape jamming (Richard E Wood, HI, SCDX 4/12)

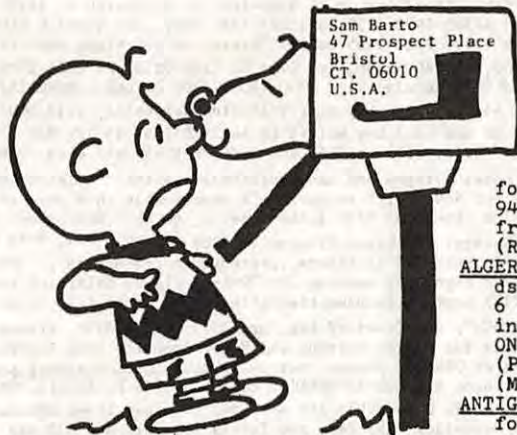
R 15 de Septiembre, anti-Nic govt stn, using same fq as LV de Sandino: 6215; latter operated by CR-based ARDE movement which rivals the CIA-backed contras in Hond operating former. R Quince also uses 5555 5580=SSB 7050; hrd to 0500* (Christian Zettl, Mexico, SCDX 27/11)

PUBLICATIONS

Review of International Broadcasting, latest issue "Nov" covers Jan pgming, has Broadcasts in English sked by country, Codina reports, articles & stories, equipment forum. Despite postage increase next month, RIB to remain at \$18 for 12 issues, from: Glenn Hauser, Box 490756, Ft Lauderdale, FL 33349

Media Monitor, new weekly 8-page leaflet of fq news, pgming, non-SW too, is 45 pounds per annum outside Europe by airmail, by IMO, cheque (add 10% for bank charges), Giro (UKacct 55 316 2306) from: Roger Tidy, 3, Kingsdown Rd, London N.19, UKOGBANI (Tidy)

Modern Electronics Jan issue brings the return of gh's COMMUNICATIONS column, on newsstands.



ALASKA: KNLS 11790 f/d form ltr. in 15 ds. for ms. v/s Francis M. Perry. (D'Angelo-PA).

ALBANIA: Radio Tirana 7300 f/d "Esprit Revolutionnaire" cd. in 57 ds. (Henschen-IN). same in 3 mo for 2 IRCs. (Witherington-FL). 9480 p/d cd. in 105 ds. (Renfrew-NY). 9480 p/d cd. in 68 ds (Richards-CT).

ALGERIA: RTVA 15215 f/d cd. in 35 ds. (D'Angelo-PA). 17745 cd. in 6 wks. for 2 IRCs. (Wood-NY). in 147 ds. for 2 IRCs. (Burnell-ONT). in 3 wks. for 3 IRCs. (Paszkievicz-WI). in 113 ds. (McLemore-FL).

ANTIGUA: BBC 6175 n/d cd. in 12 ds. for 2 IRCs. (Witherington-FL).

ARGENTINA: RAE 15345 f/d "Logo" cd. w/ pennant in 43 ds. (Richards-CT).

LS5 Radio Rivadavid 9115 f/d cd. in 59 ds. for a SP rpt. (Barto-CT).

ARMENIAN SSR: Radio Yerevan 15180 f/d cd. in 60 ds. (Henschen-IN).

ASCENSION ISLAND: BBC 21660 f/d ltr. w/ station photo in 82 ds. for 2 IRCs. v/s M.R. Watkins. (McLemore-FL)...presume direct? n/d cd. in 18 ds. for 1 IRC. (Witherington-FL).

ASIATIC RUSSIA: Radio Moscow 9700 via Komsomolsk-on-Amur f/d "Red Square" cd. in 36 ds. (Cones-VA).

AUSTRALIA: Radio Australia 15320 f/d "Seals" cd. in 45 ds. for 2 IRCs. (Henschen-IN). 7135 via Darwin f/d "Kingfisher" cd. in 6 wks. (Gliksman-IL). 21720 f/d cd. in 45 ds. for 1 IRC. (Hall-CA). 9580 via Shepparton f/d "Tasmanian" cd. in 19 ds. for 2 IRCs. (Kacir-MI). 6060 f/d "Woodchopping" cd. in 22 ds. for 3 IRCs. (Davis-CO). VLH9 9680 f/d cd. in 87 ds. (D'Angelo-PA).

AUSTRIA: ORF 9770 f/d "Snail w/ Castle" cd. in 78 ds. for ms. (Hazel).

BELGIUM: BRT 9925 f/d ltr. in 70 ds. w/ schedule. (Renfrew-NY).

BOLIVIA: Radio Juan XIII 4965 f/d prepared cd. w/ personal ltr. in 38 ds. for a SP rpt. and ms. v/s Gonzalo Cespedes M. (Reinstein-FL).

BONAIRE: Radio Nederland 6020 f/d "Towers" cd. in 14 ds. (Ziegler-TN). 6165 f/d "Flevo" cd. w/ schedule in 34 ds. (Forsgren-WI).

BORNEO: RRI Banjarmasin 3250 "Floating Market" cd. in 1 mo. via registered mail. (Bishop-PHIL).

BRAZIL: Radio Nacional do Brasil 15290 f/d "Elevador Lacerda" cd. in 1 mo. for 1 IRC. Sticker rcvd. v/s Denise Uchoa. (Swaringen-NC). f/d cd. in 20 ds. for 1 IRC. (Kacir-MI). f/d "Parana" cd. in 40 ds. (Renfrew-NY). Radio Educadora 3 de Julho 3570 p/d cd. w/ personal ltr. in 36 ds. for a PT rpt. v/s Carlos Henrique S. de Oliveira, Diretor Geral. (Barto-CT). Radio Cacique de Sorocaba 2470 p/d ltr. in 59 ds. for a PT rpt. v/s Alba Trindade. (Barto-CT). Radio Clube Paranaense 11935 p/d cd. in 72 ds. for a PT rpt. (Barto-CT). Radio Gaucha 11915 f/d prepared cd. w/ personal ltr. in 27 ds. for a PT rpt. and ms. v/s Flavio Fleck. (Wilkins-CO). f/d personal ltr. in 48 ds. for a PT rpt. and ms. (Forsgren-WI).

Your report on reception dated 11/12/74 has been examined. This confirms that you were listening to VLH9 on 17/12/74 at 0724 W.A.T. G.M.T.

This transmitter is located at Wanneroo (near Perth) and operates on 15.25 KHZ 19.45 metres. Power 50 Kw (watts).

Thank you for your interest in reporting on our transmission.

Yours faithfully,



The AUSTRALIAN BROADCASTING COMMISSION



KIRIBATI

QSL CARD

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

Dear

This is to verify your reception report of
Radio Kiribati (Station T3K1) from 0355 GMT
until 0648 GMT, on 29.11.69 # 5.19.53
on our regular frequency 1643.5

Date: 15/1/69

Miss T. Beneito
for Engineer-in-Charge
Radio Kiribati



Donald M. Husmer
Shortwave Radio Monitor
24500 Union
Dearborn Michigan 48124
U.S.A

BRASIL: Radio
Brasil Central 11815
and 4985 p/d
ltr. in 37
ds. for a PT
rpt. (Barto).
4985 n/d ltr.
in 28 ds.
for a PT rpt.
and ms. v/s
Jose Pedro
Rego, Dire-
tor. (Forsg-
ren-WI).
BURUNDI: Radio
Burundi 3300
f/d cd. in

15 ds. for a FR rpt. and US \$1.00 (Wilknor).

BYELORUSSIAN SSR: Radio Minsk 11860 f/d "Parkovaya Highway" cd. in 3 mo.

CAMEROON: Radio Douala 4795 f/d "Map" cd. in 33 ds. (Craighead-KS).

* for a FR rpt. and ms. v/s A. Nsima. (Forsgren-WI). Radio Buea 3970 f/d

cd. in 1 yr. for an EG rpt. and ms. (Streeter-NY).

CANADA: CKFX 6080 p/d "Logo" cd. in 34 ds. 10 watts; v/s J. Rattenbury.
(Warner-AUST). Nice: cd. in 21 ds. for ms. (Tow-AL). CFCX 6005 p/d "Sky-
Line" cd. in 32 ds. for ms. (Mayer-PA).

CAPE VERDE ISLANDS: A Voz de Sao Vicente 3930 cd. in 27 ds. for 2 IRCs.

* (Tow-AL). p/d cd. in 30 ds. for a PT rpt. and 3 IRCs. (Paszkwicz-WI).

3931 p/d cd. in 1 mo. for a PT rpt. and 1 IRC.

CHAD: Radio Nationale 4904.5 f/d form (Gliksman-IL)

ltr. in 10 wks. for a FR rpt. and 1 IRC. (Gliksman)

CHILE: Radio Mineira 9750 p/d cd. in 73 ds. for a SP

* rpt. (Barto-CT). CCV 8558 (time station) p/d ltr.

in 32 ds. for an EG rpt. and 1 IRC. v/s Pedro

Chiminelli Fullerton. (Cones-VA). Radio Sociedad

Nacional de Agricultura 9630 f/d ltr. arrived in

236 ds. in a Radio RSA wrapper (!) for a SP rpt. and 1 IRC. v/s Carlos

Toledo Verdugo, DX Editor. (Cones-VA).

CHINA, PEOPLES REP. OF: Radio Beijing 15520 f/d cd. w/ pennant in 62 ds.

(Ziegler-TN). same in 52 ds. (Levison-PA). f/d cd. in 47 ds. w/ Panda

iron-on patch. (Witherington-FL). 15385 cd. in 26 ds. (Jackson-IL).

CLANDESTINE: Radio Camilo Cienfuegos 7352 and 6299.3 f/d cd. in 16 ds. for

* a SP rpt. and ms. (Wilkins-CO). 10040 f/d cd. in 19 ds. for a SP rpt. &

2 IRCs. (Paszkwicz-WI). same in 16 ds. for a SP rpt. (Yamron-PA). 11121

* f/d cd. in 26 ds. for a SP rpt. and ms. (Stephany-NY). Voice of the National

Army of Democratic Kampuchea 5200 prepared cd. in @ 1 mo. (Wil-

COLOMBIA: Radio Macarena 5975 f/d cd. in 1 mo. w/ sticker for a ner).

SP rpt. and 2 IRCs. v/s Enrique Zambrano Nieto, Gerente. (Pate-MD). in

25 ds. (Wilknor). Radio Cinco 5040 p/d ltr. in 36 ds. v/s Hector Julio

Chaparro Me-

sa. (Streeter)

COOK ISLANDS:

Radio Cook

Islands 11760

f/d "Conch"

cd. in 2 mo.

for 3 IRCs.

v/s Nooroa E.

Tangaroa. (Yam-

ron-PA).

COSTA RICA: TIQ

Radio Casino

5954 p/d cd.

w/ pennant in

66 ds. for ms.

(Stephany-NY).

TIFC 5055 ltr.

in 33 ds. for

ms. (Burnell).

QSL

Radio EL MUNDO MAIPU 555 - BUENOS AIRES - ARGENTINA

Estimado Sr:

Agradeciendo su atento reporte, nos es grato saber que Vd. ha recibido nuestra transmisión en
..... KC. (LR). Sus datos verifican correctamente
con nuestros registros de transmisión.

Saludamos a Vd. muy atentamente y esperamos noticias tuyas en una próxima oportunidad.
Radio El Mundo Fecha

Dear Sir:

C. Vernon Hyson WPEQCNF

Thanking you for your kind report, we are pleased to know that you received our transmission on
..... 9710 KC. (LR X. 2). Your data has been verified as
correct according to our log.

We appreciate your interest and hope to hear from you again soon.
Radio El Mundo Date June 17th, 69.

Many thanks for your nice

WORLD
BBG
SERVICE

CUBA: Radio Habana Cuba 9525 f/d cd. in 262 ds. (Wilkins-CO). 11760 f/d "El Morro" cd. in 7 mo. (Barto). 15525 f/d "Napoleon Museum" cd. in 7 mo. (Barto). 9895 f/d cd. in 7 mo. (Barto). 15625 f/d "Spearfishing" cd. in 7 mo. (Barto). 9550 cd. of "La Fe Beach" in 7 mo. (Barto). 7385 f/d "Crocodile Farm" cd. in 7 mo.



* (Barto). Radio Moscow 4765 f/d cd. in 59 ds. for a SP rpt. to the LA service for a RS transmission. (Buer-FL). 11840 f/d cd. in 16 ds. (Witherington-FL). Radio Ulan Bator 4765 p/d cd. w/ ltr. for 3 IRCs. Letter mentions Cuban relay and says that RUB supplies pgms. twice monthly. * (Craighead-KS). Radio Bucharest 4765 p/d cd. in 10 wks. (Craighead). * Radio Sofia 4765 p/d cd. in 10 wks. (Craighead)...The plane most of got through this month!

CYPRUS: BBC 9660 n/d cd. in 36 ds. for 1 IRC. (Caravan-PA). 11945 f/d cd. in 28 ds. for a GM rpt. for their GM DX pgm. (Schmitz-FRG).

DJIBOUTI: RTV Djibouti 4780 cd. in 26 ds. for ms. (Tow-AL).

ECUADOR: HCUJ 9745 and 15295 f/d cd. in 3 mo. (Paszkiewicz-WI). 9745 f/d "Indigenous" cd. in 42 ds. (Brouillette-IL). Radio Catolica Nacional 5055.3 n/d ltr. w/ pennant in 27 ds. for a SP rpt. and ms. v/s Pablo Vallejo Klein, Director. (Wilkins-CO). ltr. w/ pennant in 6 wks. for a SP rpt. v/s Mons. Jose Vicente Eguiguren. (Gliksman-IL). Radio Quito 4920 p/d cd. w/ pennant in 49 ds. for a SP rpt. v/s Alfonso Laso. (Barto-CT). Radio Zaracay 3395 p/d personal ltr. w/ pennant and sticker in 124 ds. for a SP rpt. and ms. v/s Elsey Cun Castillo. (Dillon-DC). same in 261 ds. for a SP rpt. and ms. (Forsgren-WI). in 151 ds. w/ pennant for a SP rpt. and ms. (Streeter-NY).

EGYPT: Radio Cairo 9475 f/d "Sunset on the Nile" cd. in 20 mo. (Talbot-ALB).



ENGLAND: Spectrum World Broadcast

* Ing 6272 and 7710 f/d cds. in 37 ds. for 4 IRCs. v/s George Sinclair. 50 and 100 watts respectively! (Stephany-NY).

EQUATORIAL GUINEA: Radio Africa 15106

* p/d ltr. in 6 ds. v/s Gene Grassie. (Craighead-KS). 15108 f/d prepared cd. w/ personal ltr. in 7 ds. for SASE. (Sgrulletta-NY).



EUROPEAN RUSSIA: Radio Moscow 6170 via Moscow f/d cd. in 36 ds. (Cones).

FEDERAL REP. OF GERMANY: Radio Liberty 17725, 3970 and 11815 n/d "Map" cd.

in 9 ds. for a taped rpt. (Sgrulletta-NY). VOA 3980 via Munich f/d cd.

* in 13 ds. (D'Angelo-PA). Deutsche Welle 6140 via low powered transmitter at Elmshorn. f/d cd. in 21 ds. (Schmitz-FRG).

FRANCE: PTH42 (Time Station) 7428 f/d cd. in 32 ds. for 1 IRC. (Cones-VA).

FRENCH GUIANA: RFO 6170 f/d "Map/Logo" cd. in 34 ds. for a FR rpt. and

1 IRC. (Stephany-NY).

GABON: Radio Japan 21695 via Africa #1 p/d "Yuzen Silk Dying" cd. in 24

ds. (McLemore-FL). 15315 p/d cd. in 19 ds. (Stephany-NY). p/d cd. in 30

ds. (Clifford-FRG).

Africa #1 4810 p/d

cd. in 127 ds. for a

FR rpt. and 2 IRCs.

* (Burnell-ONT). Radio

Voice of the Gospel

11815 via Africa #1

f/d ltr. from Jos,

Nigeria in 2 mo. for

3 IRCs. (Craighead).

GERMAN DEM REP: RBI

9620 f/d cd. in 37

ds. (Levison-PA).

GUAM: KTWR 9510 f/d

"Towers" cd. in 15

ds. for ms. v/s D.

Howell. (Ziegler-TN).

GUATEMALA: TGNA 3300 p/d

cd. in 314 ds. for a

SP rpt. (Cones-VA).

RADIO HEARTLAND

THE BEST IN THE MIDWEST

Dear JOHN M. WILKINS

Thanks for your reception report.

We confirm the station you heard was Radio Heartland, operating on:

7.427 MHz - via KQRP

Time: 0315-0348 UTC Date: 9/1/84

Further reception reports or comments on our program are welcome!

CHIEF ENGINEER

GUATEMALA: Radio Maya de Barillas
3325 f/d "Mayan Warrior" cd. in
1 mo. v/s Francisco Juan Pedro.
(Valko-PA).

GUINEA-BISSAU: Radio Nacional
5475.3 p/d cd. in 26 ds.
for a PT rpt. and 2 IRCs.
v/s Tiburico Moura. (Wil-
kins-CO). cd. in 41 ds.
for 3 IRCs. (Tow-AL). n/d
personal ltr. in 1 $\frac{1}{2}$ mo.
for a PT rpt. v/s Carlos
Sanca. (Wilkner).

HAITI: Radio 4VEH 4930 f/d cd
in 90 ds. for ms. (Withering-
ton-FL).

HAWAII: WWVH 10000 f/d cd. in 13
ds. (Ziegler-TN).

HOLLAND: Radio Nederland 9895 f/d
"Antenna" cd. w/ sticker in 51 ds. for
3 IRCs. (Witherington-FL).

HONDURAS: La Voz de la Mosquitia 4910 n/d ltr. w/ pennant in 89 ds. for
an EG rpt. v/s Dr. Sammy Simpson, Executive Director. (Streeter-NY).

HUNGARY: Radio Budapest 6025 cd. in 39 ds. (Levison-PA). 9835 via Jaszber-
eny f/d cd. in 38 ds. (Kacir-MI).

INDIA: AIR 11620 f/d cd. in 32 ds. for 1 IRC. (Caravan-PA). 9912 f/d "Adin
ath Temple" cd. in 1 mo. for 1 IRC. (Gliksman-IL).

IRAN: VOIRI 9022 f/d "War is Ugly" cd. in 338 ds. (Cones-VA)..new card.

IRELAND: Radio Dublin International 6910 f/d "Map" cd. in 150 ds. for 1
IRC. v/s Anne Kelly. (Schmitz-FRG). World Music Radio 6910 via RDI f/d
"Logo" cd. in 167 ds. for 3 IRCs. v/s Lee Alvin. (Stephany-NY).

ISRAEL: IBA 7412 f/d cd. in 60 ds.
(Renfrew-NY). 11655 f/d "Shalom"
cd. in 50 ds. (Henschen-IN).

ITALY: RAI 11800 f/d cd. in 256 ds.
(Levison-PA). 9710 and 11800 f/d
"Carlo Levi" cd. in 45 ds. (Barto).

JAPAN: Radio Japan 15300 n/d "Silk
Dying" cd. in 25 ds. (Ziegler-TN).

15300 p/d "Persimmons" cd. in 21
ds. for 1 IRC. (Brouillette-IL).

17785 p/d cd. in 50 ds. (Clifford-
FRG). 11705 p/d "Fuji" cd. in 19
ds. (Clifford). 17825 f/d "Lion
Dance" cd. in 18 ds. (Kacir-MI).

* NHK 3607.5 p/d cd. in 26 ds. 900
watts! (Bishop-PHIL). Radio Tampa
6055 f/d "Superwave" cd. in 11
mo. (Talbot-ALB).

JAVA: RRI Jakarta 11790 cd. in 285
ds. for 3 IRCs. (Tow-AL).

KOREA, DEM. REP. OF: Radio Pyongvang
9745 f/d cd. w/ flag in 74 ds.
(Henschen-IN).

KOREA, REP. OF: Radio Korea 13665
f/d cd. w/ pennant in 24 ds. (Bis-
hop-PHIL). 15575 f/d "Melons" cd.
w/ sticker and pennant in 33 ds.
v/s Miss Y. Choi. (McLemore-FL).

9750 and 15575 f/d "Watermill" cd.
in 22 ds. for 2 IRCs. v/s Kim
Young-Mi. (Kacir-MI).

KUWAIT: Radio Kuwait 11675 f/d fold-
er cd. w/ sticker in 24 ds. for 2
IRCs. (Hastie-TX).

LIBERIA: ELBC 3255 f/d "Logo" cd. in
44 ds. for 3 IRCs. (Green-TN). VOA
Monrovia 11835 f/d cd. in 27 ds.
(Ziegler-TN).



Serikali ya Mapinduzi-Zanzibar

WAKATI/1/2/3/1
Tamba 14 March, 1964

Mr John Brouillette
c/o. P. Box 129,
Mahopac, New York 10541,
United State of America.

Thank you for your letter; the information
report of our Radio Station, "Sauti ya Tanzania Zanzibar"

It is very unfortunate that I do not have the
verification cards, but with this letter I am glad to
answer and briefly verify your recorded report of our
station.

The details confirm the beginning of our afternoon/
evening transmission which starts with the National
Anthem followed by the station identification, then
with the ten minute recasting of the Holy Quran.

I have forwarded the second part of your letter
to the Chief Engineer, I am sure he will take sometime
to detail more technically.


If it is convenient to you, please continue sending
us cassette recordings rather than reel-to-reels. They are
easier to work with.

Please continue writing to us when convenient,
let alone begin to show electronic or electronic
technicians and we would be glad to learn from your talent.

You are warmly welcomed to Zanzibar and to our
Radio Station.

Thank you for the owners.

Sincerely yours,


(Jusu A. Abubilla) Mrs,
DIRECTOR,
FOR INFORMATION/BROADCASTING, DEPT.
ZANZIBAR

Pakistan Broadcasting Corporation

PROJECTS HEADQUARTER

M.C. SATELLITE TOWN
RAWALPINDI (Pakistani)

Dear Mr. Ronald Howard,

Best wishes to you and your family. I received your valuable and interesting letter of 5th December, 1992 regarding the reception report of Radio Pakistan.

As you know, now I have come to Rawalpindi about 10 miles away from Peshawar. The climate of Rawalpindi is about 2° less than Peshawar. Now a days we are enjoying coldest weather and the temperature goes down to about -2° C. However the weather will be pleasant enough after a month.

I hope by now you would have sufficient rains in Southern California and would have got through the dry weather. I also hope that by now the weather there would have become pleasant and you would have been enjoying.

As regards your reception report, I have confirmed the relevant frequencies and supply the list as under:-

S.No.	Frequency	Date	Time(ORT)	Station	CSL
1.	5095 KHz	5.12.92	13.32-13.59	Radio Pak. Islamabad.	Confirmed
2.	4995 KHz	25.11.92	01.23 - 01.54	Radio Pak. Quetta.	Confirmed
3.	5005 KHz	-do-	-do-	Radio Pak. Rawalpindi.	Confirmed
4.	5060 KHz	-do-	-do-	Radio Pak. Islamabad	Confirmed

NEW ZEALAND: Radio New Zealand 11960 via Tautahi Bay f/d cd. in 17 ds. for 3 IRCs. (Ziegler-TN).

NICARAGUA: Radio Zinica 6120 f/d prepared cd. in 2 mo. for a SP rpt. and 2 IRCs. v/s Arturo Valdez P. (Yamron-PA).

NIGER: ORTN 5020 n/d "Logo" cd. in 112 ds. for a FR rpt. and ms. (Streeter) 3260 f/d "Map" cd. in 21 ds. for a FR rpt. and ms. (Wilknor).

NORWAY: Radio Norway International 15175 f/d cd. w/ sticker in 40 ds. v/s S.K. Daul. (Simmacher-TX).

PAKISTAN: PBC 17840 f/d ltr. in 69 ds. for 3 IRCs. (Tow-AL).

PARAGUAY: Radio Nacional 9735 n/d form ltr. in 35 ds. for a SP rpt. and ms. v/s Carlos Montaner. (Burnell-ONT). same in 20 ds. for an EG rpt. and 3 IRCs. (Green-TN). 9734.5 p/d ltr. in 27 ds. for a SP rpt. (Barto).

PAFUA NEW GUINEA: Radio East Sepik 3335 cd. in 79 ds. v/s Paul Kofax. (Tow-AL). NBC 4890 f/d "Map" cd. in 61 ds. v/s Thomas Aiyi. (Hastie-TX).

PERU: Radio Nuevo Continente 5190 prepared cd. w/ personal ltr. in 1 mo. * for a SP rpt. v/s Carlos Justo Rivas Davila, Gerente General. Addr: Jiron Amazonas No. 655, Cajamarca. (Valko-PA).

La Voz de la Selva 4825 ltr. w/ postcard in 6 wks. for a SP rpt. v/s Carmen Pueyo. (Valko-PA). Radio Atlantida 4790

f/d ltr. w/ pennant in 261 ds. for a SP rpt. and 1 IRC. v/s Ivan Tenorio Matute, Administrador. (Schmitz-FRG).

* Radio Chinchaycocha 4860 f/d ltr. in 43 wks. for a SP rpt. and 1 IRC. v/s Julio O. Baldeon M., Administrador. (Gliksmann-IL). personal ltr. in 71

ds. for a SP rpt. and ms. (Stephany-NY). Radio Ancash 4990 f/d ltr. in 51 ds. for a SP

rpt. v/s Armando Moreno Romero, Director-Gerente. (Barto-CT). Radio San Martin 4810 f/d personal ltr. w/ sticker in 156 ds.

for a SP rpt. and ms. v/s Kelly Barrera Fachin, Administrador. (Stephany-NY).

LIBYA: Radio Jamahiriya 15450 f/d cd. in 40 ds. for 2 IRCs. (Renfrew-NY). 11816 same in 41 ds. for 1 IRC. (Wood-NY).

LITHUANIAN SSR: Radio Vilnius 11960 cd. in 101 ds. (Tow-AL). 11720 f/d folder cd. w/ personal ltr. in 2 mo. (Witherington-FL).

LUXEMBOURG: Radio Luxembourg 6090 p/d cd. in 54 ds. (McLemore-FL). cd. in 1 mo. for 1 IRC. (Hastie-TX).

MALAGASY REP: Radio Nederland 9540 f/d "Antenna" cd. in 16 ds. (Witherington-FL).

MALAWI: MBC 3380 f/d form ltr. in 88 ds. for ms. (Burnell). in 115 ds. for 1 IRC. (Schmitz-FRG).

MALAYSIA: RTV Malaysia 7295 cd. in 3 mo. (Hazeltine-WA).

MONACO: Trans World Radio 9495 f/d cd. in 15 ds. for 1 IRC. schedule rcvd. (Caravan-PA).

MOROCCO: RTVM 17815 f/d cd. in 260 ds. for an EG/AR rpt. & ms. v/s J. Tanane. (Swaringen)

NAMIBIA: Radio SWA 3295 f/d cd. in 1 mo. for 3 IRCs. (Green).



World Music Radio

To: Joe Talbot

via RADIO DUBLIN INTERNATIONAL

Date December 4, 1983

Frequency 6910 kHz

Time 08:35-08:52 GMT

Best 73a!

Lee Alvin



WMR - World Music Radio thanks you for your reception report, which we are pleased to verify.

RWANDA: Deutsche Welle 7225 and 9565 n/d cds. in 45 ds. (Renfrew-NY). n/d cd. in 115 ds. for 1 IRC. (Green-TN).
SAIPAN: KYOI f/d "Bird" cd. in 43 ds. for 2 IRCs. (Tutak-NJ).
SARAWAK: RTV Malaysia 4950 Kuching f/d cd. in 7 wks. (Hazeltine-WA).
SENEGAL: ORTS 4890 f/d "Globe/Antenna" cd. in 41 ds. for a FR rpt, tape and 2 IRCs. (Caravan-PA). f/d cd. in 6 wks. for a FR rpt. and ms. (Yam-SEYCHELLES; FEBA 15200 f/d cd. in 86 ds. for 2 IRCs. (Warner). ron-PA).
SINGAPORE: BBC 17710 n/d cd. in 52 ds. for 1 IRC. (Green-TN). 9740 same cd. in 49 ds. for 2 IRCs. (Kacir-MI). Radio Singapore 11940 f/d "Skyline" cd. in 103 ds. for 2 IRCs. (Talbot-ALB). 5052 f/d cd. in 40 ds. for 2 IRCs. (Schmitz-FRG).

SOLOMON ISLANDS: SIBC 5020 f/d cd. in 25 ds. for 3 IRCs. (Forsgren).
SOUTH AFRICA: Radio RSA 9615 f/d "Beach" cd. in 16 ds. for 2 IRCs (Kacir-MI). 3230, 4990, 7270 and 9585 f/d "Bloubergstrand" cd. in 20 ds. (Renfrew). 6010 f/d cd. in 16 ds. v/s Colin Miller. (Paszkiwicz-WI). Capital Radio 3930 p/d form ltr. in 107 ds. for 2 IRCs. v/s J. Van Hoogstraten, Director of Technical Services. (Warner-AUST). same in 6 mo. for a taped rpt. and 2 IRCs. v/s Lois Wheeler, Secretary. (Sgrulletta-NY). 3929 ltr. in 73 ds. for ms. v/s Tris Wheeler. (Tow-AL). 7150 2 ltrs. on same day for different rpts. (Valco-PA).

SPAIN: Radio Exterior de Espana 9630 f/d cd. in 33 ds. (Ziegler-TN). same in 54 ds. for 2 IRCs. (Kacir-MI). f/d "Dall" cd. in 39 ds. (Warner).
SURINAME: Stichting Radio Omroep Suriname 4850 f/d cd. w/ ltr. in 23 mo. for 1 IRC. v/s Haidy Tajib. (Lare-MI). 5005 same in 3 mo. for a DT rpt. and 1 IRC. (Swaringen-NC).
SWAZILAND: Trans World Radio 5055 f/d folder cd. in 102 ds. for 2 IRCs. (Burnell-ONT). same in 72 ds. for 2 IRCs. (Pate-MD). 7295 cd. in 90 ds. for 2 IRCs. (Witherington-FL). 9640 f/d cd. in 44 ds. for 2 IRCs. (Brouillette-IL).
SWEDEN: Radio Sweden International f/d "EDXC-84" cd. in 11 ds. for 1 IRC. (Hazel-NY).
TAHITI: Radio Tahiti 11825 f/d cd. in 27 ds. for 3 IRCs. (Hastie-TX) same in 111 ds. for 3 IRCs. (Witherington-FL). 15170 cd. in 29 ds. for a FR rpt. and ms. (Reinstein-FL).
TAIWAN: BSF 5000 f/d cd. in 24 ds. (Bishop-PHIL). VOFC 11825 f/d cd. in 17 ds. w/ pennant. (Levison).

PHILIPPINES: VOA 6110 f/d cd. in 14 ds. (Tutak-NJ).
POLAND: Radio Polonia 7145 f/d cd. in 85 ds. (Paszkiwicz-WI). Polish Pathfinders Station 6195 f/d cd. in 69 ds. for ms. and a taped rpt. (Jones-VA)...Nice!
PORTUGAL: AWR-Europe 9670 via Sines f/d cd. in 17 ds. for 2 IRCs. v/s Jennifer Robertson. (Cones-VA).
ROMANIA: Radio Bucharest 9690 f/d cd. in 81 ds. (Richards-CT). 11815 cd. in 78 ds. (Levison-PA). 5990 f/d "Wallachian Prince" cd. in 75 ds. w/ schedule. (Renfrew-NY).

IMAGINE THERE NO COUNTRIES!
 IT ISN'T HARD TO DO
 NOTHING TO KILL ME IN THE P.M.
 AND NO KILLING THE
 MURDER ALL THE PEOPLE
 LIVING LIFE IN PEACE ~
 PROHIBITING THE PROSELYTING
 I WOULD BE IF YOU WOULD
 NO NEED FOR GUNDS OR BOMBAS
 A BROTHERHOOD OF PEACE ~
 PURSUE ALL THE PEOPLE
 FIGHTING ALL THE GUNDS ~
 YOU MAY GET IN A BOMBARD.
 BUT DON'T GET THE ONLY SIDE.
 I HOPE BROTHERS WILL JOIN US
 AND THE WORLD WILL
 LIVE AS ONE.
 -LEAHEN



QSL

to JOE TALBOT
 GMTdate OCT 7, 1983
 time 03:29-03:31
 freq 7341
 power 100 W
 antenna 3-REACT
 (from our xmtr
) relayed

Thanks for your report.
 v/Seaviewly Bill

TANGERINE RADIO

PO Box 882
 Battle Creek, Mich
 49616

WIMP

Kids Playing Radio

Joe Talbot:
 Dear WIMP Listener:

I am pleased to confirm your reception of WIMP, although this confirmation is of great personal expense to me and my staff. Hence I'll have to get off that one business I mention.

We confirm your previous reception on 6910 kHz. as a frequency of 7341 kHz by the 22.5 meter band. The time you wanted listening to our broadcast. We'll be glad to do so. May we do you receive on such time on this. When you could be trying out the newest calculators at home?

The kids playing radio at WIMP will eventually thank you for your report, and we will enjoy the hearing you did in order to receive this QSL sheet.

WIMP uses an output power of 200 watts into a majority of antennas, one of which includes the 200 watts into the antenna structure. We would like to go back there to check the 200 watt power, had.

WIMP's studio is located between the business department at home and the Bus. (Business department at Battle Creek). Did I ever tell you how I work on such working at Battle Creek? I'll tell you later, it wasn't a pretty sight.

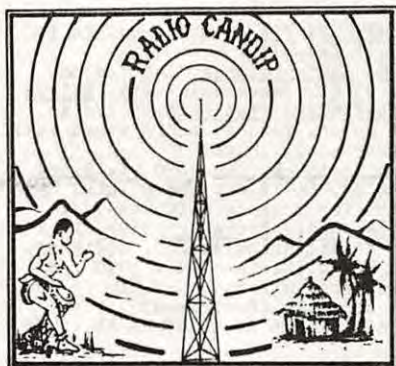
v/Seaviewly Bill
 Bill

TRANS POWER: 25 watts
 ANTENNA: Dipole 30 feet

Thanks For Listening!
 Bill

Bill

WIMP AM1620 - FM89 - TV ch 8 - SW 7300 to 7500



TANZANIA: Radio Tanzania 5050 p/d cd. in 42 ds. for 2 IRCs. (D'Angelo-PA).
TOGO: Radio Togo 5047 f/d "Logo" cd. in 45 ds. for a FR rpt. and ms.
 * (Forsgren). 3222 via Lama Kara f/d cd. in 70 ds. for a FR rpt. and 2 IRCs. (Stephany-NY).

UKRAINIAN SSR: Radio Kiev 9685 f/d cd. in 56 ds. (Levison-PA). 15180 cd. in 46 ds. for ms. (Ziegler-TN). Radio Moscow 15475 via Simferopol f/d cd. in 16 ds. (Witherington-FL).

URUGUAY: Radio El Espectador 11835 personal ltr. in 101 ds. for a SP rpt. and 1 IRC. Sticker rcvd. v/s Hugo A. Magnani Dupetit. (Schmitz-FRG).

USA: KGEI 15280 f/d cd. in 28 ds. (Richards-CT).

WINE 15185 f/d cd. in 17 ds. for ms. (Wilkins-CO). WRNO 6185 f/d cd. in 24 ds. (Simnacher-TX). 7355 p/d cd. in 89 ds. for ms. (Brouillette-IL). Radio Earth 6185 via WRNO f/d cd. in 170 ds. (Schmitz-FRG). WWV 5000 cd. in 12 ds. (Ziegler-TN). United Nations Radio 18782.5 via Greenville f/d cd. in 10 ds. (Ziegler). VOA 15390 via Dixon p/d cd. in 26 ds. (Wilkins-CO). 7650 via Greenville f/d cd. in 12 ds. (Tutak-NJ).

USA (Pirate): Radio Heartland 7427 via KQRP f/d cd. in 16 ds. for ms. (McLemore-FL). KMA 7405 f/d "Antenna" cd. in 10 ds.

for ms. (Stephany-NY). WIMP 7430 f/d ltr. in 36 ds. for ms. 25 watts! (Talbot-ALB). Radio Sine Wave 7425 f/d cd. in 29 ds. for ms. (Talbot-ALB). 7430 f/d ltr. in 87 ds. for ms. (D'Angelo). f/d cd. in 28 ds. for ms. (McLemore-FL). WKUE 7390 p/d ltr. w/ poster in 47 ds. for ms. (McLemore). Tangerine Radio 7421 f/d cd. in 1 mo. for ms. 75 watts. (Talbot). Voice of Laryngitis 7410 f/d cd. in 23 ds. for ms. 50 watts. (McLemore). KQRP 15050, 7410 and 7415 f/d cds. in 33 ds. for ms. 50 watts. (McLemore). 6233 and 7373 f/d cd. in 71 ds. for ms. (Stephany-NY).

USSR: Radio Moscow 9600 cd. in 39 ds. (Ziegler-TN). 7130 and 7320 cds. in 20 ds. (Witherington). 11840 cd. in 20 ds.

VATICAN: Radio Vatican 6015 and 9605 f/d (Renfrew-NY). "St. Peters" cd. in 60 ds. (Renfrew-NY).

VENEZUELA: Radio Nacional 9540 f/d cd. w/ pennant and sticker in 148 ds. for a SP rpt. and ms. v/s Luis Fernandez. (Stephany-NY). YVTO 6100 p/d cd. in 68 ds. for a SP rpt. and ms. v/s Simon Salas Salas. (Wilkins-CO).

VIETNAM: Voice of Vietnam

15010 f/d cd in 10 wks. for 1 IRC. (Craighead).

YEMEN: PDRYBS 6005 f/d cd. in 68 ds. for EG/AR rpt. and 2 IRCs. (Swaringen-NC).

Gotta go... Best of DX & QSLing. Tnx. *Sam*



R.A.E.

RADIODIFUSION ARGENTINA AL EXTERIOR
 C.C. 888 CORREO CENTRAL - 1000 BUENOS AIRES
 REPUBLICA ARGENTINA



AGRADECE SU INFORME DE RECEPCION
 FRECUENCIAS: 6.000 - 11.710 - 15.345 KHz.



update

January 1985***Number 176

Tom Allemen
636 E. 74th Terr.
Kansas City, MO 64131 USA
(816) 523-7292 7-10 pm Central only

UPCOMING DEADLINES: 10 January (Mid-Jan) 20 January (Feb) 10 February (Mid-Feb)

Reproduction permitted. Credit original reporter and NASWA UPDATE. Dates, times and days GMT; freqs kHz.

- ANGOLA R. Nac., 5334.3, in PT 0550. Weak signal, audio distorted. W in talk. Regular on this frequency. (John Wilkins, CO 12-14)
- BOTSWANA RD, 4820, in EG/vern 0355-0405. Usual IS, s/on, anthem. Ex-4848; good signal over HRVC. (Wilkins, CO 12-14)+++RB, 7255, in lang *0350-0409. My favorite IS, ol' barnyard w/ cows mooing, bells, roosters crowing and other assorted goodies until anthem 0400 followed by M w/ freq and ID annmcs in lang and EG, into religious prgm and local mx. Good. Also noted // 4820. (Richard D'Angelo, PA 12-9)
- BRAZIL R. Marajoara, Belem, 0903-33, in PT w/ prgm "Bom Dia Para," comunicados, ads, anniversary greetings, occasional campo tunes. 0930 ID w/ calls, freqs not given. Good signal. (Wilkins, CO 12-12) ***Freq? tba
- CAMEROON Yaounde, 9745, in EG 2041-2115; "This is Yaounde, the National Station of Radio Cameroon," by M 2045. Into FR pop and African vocals until nx 2101. Usual comprehensive Afr nx rpt. Nx only // 4795 Douala, 5010 Garoua. Good. EG prgm definitely 1/2 hour now. (D'Angelo, PA 12-8)
- CLANDESTINE R. Camilo Cienfuegos (CID), 9939.3, in SP w/ usual CID prgms 2200-2245. "Linea Directa (nx)", then "Musica Libre". US rock tunes "para la juventud Cubana." Ex-10040. Hrd all day long at fair level. (Wilkins, CO 12-14)
- EQ. GUINEA R. Nac., 4925.6, in SP w/ Afropops 0540. Good sig on good African night. (Wilkins, CO 12-14)
- GUATEMALA R. Cultural, 3300, in EG/SP 0425-34; fair. Religious mx, at 0430, "At this time we bring to a close our EG language xmsn." Gave freq as 730, 3300, 5955 and 108 FM--all in kilocycles!!! Said EG at 0300 (9 pm) and 6:45 on Sunday. "Resume SP language b'cast. Stay tuned for more good music from Guatemala City." ID is SP. (D'Angelo, PA 12-9)
- GUYANA GBC, 5950, in EG 1002-19; poor. Nx, wx, TC, into Hindi mx, nice local ads ("Family Fun Day") greetings from listeners. Serious qrm/splatter from latin. (D'Angelo, PA 12-15)
- IVORY COAST RTVI, 7215, in FR 0650-0703. Current affairs prgm, 0701 ads in verns. Good. (Wilkins, CO 12-12)
- LIBERIA ELWA, 4760, in EG 2225-2232*. Religious mx till s/off annmcs 2230 with "This is ELWA," MW ans SW freq, and "Listen again tomorrow for another day of inspirational b'casting." TC for 10:30 followed by anthem. (D'Angelo, PA 12-9)
- MADAGASCAR R. Madagasikara, 5010, in lang *0300-41; fair. IS, 0303 choral anthem, 0304 W w/ ID, "Radio Madagasikara," some annmcs. Into organ mx and religious prgm. Preaching and choir singing to 0335. Signal began to break up at beginning of local mx prgm. (D'Angelo, PA 12-9)***Also hrd here during same period. Nice. tba
- PERU R. San Martin, 4810, in SP 0410, nice prgm of Peruvian vocals, great signal, but covered 0455. (Wilkins, CO 12-14) +++R. Vision, 5360, in SP 0315, playing US disco tunes. Tremendous signal, armchair copy. (Wilkins, CO 12-14) +++R. Continente, 8922.5a, in SP 0000-35. Prgm of romantic vocals, barely audible, but in the clear. (Wilkins, CO 12-13)
- TOGO Lome, 5047, in FR 2334-0002*; good. Plenty of non-stop hiliife mx until 0000. ID, chimes, s/off annmct, another ID before s/off: "Radiodifusion Television Togolaise, chaine internationale." (D'Angelo, PA 12-8)
- USA VOA (Greenville?), 10456, in EG 0318-25; good. VOA on out of band freq. Report by Dan Robinson in Nairobi, other reports on "Daybreak Africa." Tnx Cushen tip on RNMN. (D'Angelo, PA 12-7)
- USSR Vladivostok, 5015, in RS 1220-43; good. Classical mx prgm to 1230, nx by W, folk mx 1235. Some deep fades but best signal on band at this hour. (D'Angelo, PA 12-9) +++Radiostansya Rodina, 11960, in RS *1400-19; good. IS, s/on ID and annmcs. Nx by M. Conversational talk between W and different M. (D'Angelo, PA 12-16)
- VATICAN Vatican R., 6252.2, Mass in latin 0640. Good. (Wilkins, CO 12-12)
- YEMEN R. Sa'naa, 4853, in AR 0410-32; distinctive ME mx. 9780 was very poor. Brief annmct and ID 0429. Good. (D'Angelo, PA 12-9)


Next, our regular report from Juan Carlos Codina in Peru:

- 6872.3 PERU R. Santa Cruz, Santa Cruz, Cajamarca, first heard with incredible 20 db over s9 signal and very stable. W annrc. "Mensajes." Huayno mx. "Saludos musicales," too. Anoter new one! Seems no relation to the former Santa Cruz on 5340. Also doesn't seem to be the xmtr of the famous Cotorumi, now inactive for nearly a year, because that xmtr was always very distorted and very unstable. All this 9-27 at 0145-0330*. Later moved to 6872.6 but keeping its good modulation. Don't confuse this with the AR feeder on LSB 6875.5, tentatively Saudi Arabia, heard about the same time. Next day heard at first check on 6869.8 again with very good signal and lots of IDs as early as 2345. Moving upwards, 6870.3--6871.2, etc. Following day heard at *2320 opening on 6869 going upwards. Noted 9-4 in 6903.6 making me believe that this is the Cotorumi xmtr, now with good modulation. Going upwards to 6905.6 till 0545*.
- 9587.3 EL SALVADOR Radio El Salvador surprisingly heard 10-9 at 0013. ID: "En Radio El Salvador, seis y trece minutos." Very good signal (20 db over s9 in Lima). Hrd till 0300*. Soft pops. After time checks, they said, "La hora de la democracia." Also gave opinion of some "personalities (?)" Talk on Duarte's proposal to talk to the opposition. All this w/ echo effect. Heavy het when RMoscow signed on on 9590 for SP 0045. (Carrier to 0100 when prgm began). After each opinion on Duarte proposal, hrd "Adelante, El Salvador." At 0200 asked all other stns to join the national network ("cadena"). Seems tough without a good rcvr.
- 9690 ARGENTINA also 11710, 11755. These 3 xmtrs of RAE/Radio Nacional de Buenos Aires were inactive at least three weeks circa 9-29. I suppose they were adjusting the antennas, perhaps changing them, or adjusting xmtrs. Hope this will improve the signal around the world. Only active on 15345.4 for RAE prgms and 6060 for RNac prgms. Also active 15290 for RNac prgms but very weak. All these observations for afternoons and evenings. Not checked in mornings. 9690 reactivated on 10-2 though anncing reactivation for 10-3 at 1530. 11710 also to resume operations on 10-3.

Next, our report from Dr. Richard Wood in Hawaii:

- ANGOLA RNA Luanda noted and 9535 and 11955 with service to Namibia 1700-30. In EG 1700-1710 with material produced by SWAPO, it would now be repeated in at least three Namibian languages, Ovambo, Nama and Damara. (11-13)
- ECUADOR HCJB in EG to Nam 0030-0500 has replaced 15155 with 6140, where there is a horrendous clash with...R. Habana Cuba in EG to Nam. For HCJB better 9745 remains in parallel.
- GREECE VOG Arabian and Indian Ocean Service 0400-0450 with GK nx 0400 noted on new 6225. (11-12)
- GABON/JAPAN The Moyabi RJ relay is now operating just 5 kHz away from a transmitter direct from Japan. As it is unsynchronized, however, it does not exactly help in broad-band tuning. The double satellite relay is a few seconds behind the direct signal. Has morning Euro service 0400-0600 including GM 0500-0530 and FR 0530-0600* via Gabon 9575 and Japan 9575 (9570? 9580? tba) and 7225, the last-named best here. (11-14)
- INDONESIA It was recently reported that all RRI stations are operating 24 hours a day. This was true only during Ramadan. At least two stns, RRI Semarang 3935 and RRI Tanjungkarang 3395, are noted with usual s/offes 1700. (11-13)
- KOREA (REP.) RK noted in EG 2200-2230 on 15375. Do not confuse with 15575, often used by RK in EG. (11-12)
- NETHERLANDS RN is conducting tests of its new Felvoland transmitter, believed 500 kW and believed using compatible single sideband. Noted *0700-0730 with portions of Gustav Holst's "The Planets" and requesting reports to Test Transmission, Frequency Bureau, P.O. Box 222, Hilversum, on 6020. Good strength but severe Brazil QRM. IDs noted in EG, DT, AR, SP, FR, Papiamentu, PT and Sranan Tongo. Reports on quality of mx reproduction were requested. (11-14)
- USSR Yakutsk, 7200, noted with local ID and Yakut nx 0600. (11-12)

Very best wishes from Terry (my wife) and me to all of you for a happy and bounteous new year.

Best 73 



Editor: Mike Nikolich, 2137 West Farwell Ave., Chicago, IL 60645

I KNOW OF AN HQ-180 THAT'S STILL AVAILABLE

I'm still accepting offers for my Hammarlund HQ-180. It's in great shape and I only want to part with it to make room for a new NRD-515. The HQ-180 comes with a custom dust cover and digital read-out. I'll accept the best reasonable offer for it. Give me a call at (312) 761-0470. If you've ever wanted an HQ-180, don't pass this one up! By the way, I hope everyone had a joyous holiday. I look forward to hearing from all of you during 1985.

- *****
- 1620 USA PIRATE, WDX; EG, 0313, rock mx, IDs, "Broadcasting from a tiny island off the East Coast," address: Box 245, Moorhead, MN 56560. Taking phone calls at 212/569-9979, closed w/song "Who's Afraid of the Big, Bad Wolf," "The Pirate Song" and NA, 0759* (Alexander, PA 11/23)
 - 1622 USA, KPS941; 0439-0522, hrd 2nd day of operations w/US tradition mx by Doc Watson, ID as "KPS941, 1622 at top of AM Dial, 100 watts from Yonkers, NY." Really nice pgming, mx reminds me of many "wasted" nights spent at the "Earl of Old Town" during college, okay sig (Tutak, NJ 11/9) ** You must have attended college in Chicago...mln. 2300, gave address as Box 327, Hastings on Hudson, NY 10706 (Alcorn, NJ 11/22)
 - 2390 GUATEMALA, LV de Atitlan; 0058, SP OM w/full ID and mx, poor signal after Mexico s/off (Bolland, FL 12/3); 0055, tx about economy, mx and s/off (Forth, IL 11/14)
 - 2776 NORTH KOREA, Hamheung; 1330, KR, //2850 w/YL tx, another day hrd Shinuinju on 2745, //2850 (Sams, AR 11/29)
 - 3015 NORTH KOREA, R. Pyongyang; 1330, JP tx after IS and ID, //6540 (Zilmer, NM 11/27)
 - 3150 NORTH KOREA, KCBS; 0824, KR, presumed w/tent. ID by OM, usual revolutionary/martial mx (Sharpe, CA 12/2)
 - 3200 LIBYA, SPLAJBC; 0320, AR, mx w/occasional loud tx by OM (Daly, NY 12/6); 0135, AR tx, powerful sig (Dickson 11/27)
 - 3200 SWAZILAND, TWR; *0300, EG s/on then Afro lang, into relg (Hohnstein, 11/28)
 - 3215 INDONESIA, RRI/Menado; 1430, IN, in late today, this one has proven to be the strongest INDO on 90M (Sams 11/30)
 - 3215 VENEZUELA, Ondas Panamericanas; 0115, results from Valencia racetrack (Plum, NJ 11/9); 1047 (Bolland, FL 11/17)
 - 3222 TOGO, R. Kara; 0527, FR, OM w/choir, same programming as Lome on 5047, but 2-second delay (O'Brien, VA 12/5); 2245-2303*, vocal mx until s/off (Bolland 11/27)
 - 3230 LIBYA, SPLAJBC; 0335, AR, also on 9890, 11815, mx and AR tx (Swafingen, NC 11/7)
 - 3230 SOUTH AFRICA, RSA; 0306, EG, OM w/nx, cmnty, several IDs and TCs (Enkenhus, MD 11/28)
 - 3235 UNID, 1308, Asian lang, noted 3 mornings w/rustic singing and percussion, Nepal, India?? (Sams 11/19)
 - 3240 SWAZILAND, TWR; *0300, EG relg px (Hohnstein 11/29); *0255, sermon in Liberian-sounding EG, //5055 (Wood, Hawaii 11/26); 0257, EG IS and OM ID (Cucura, PA 12/4)
 - 3250 HONDURAS, R. Luz y Vida; 0404*, SP, s/off message, also hrd 12/1 on 3253.5 w/mostly SP tx (Hohnstein 11/29); 0135, SP, ID, tx by OM (Dillon, NC 11/23); 0155 (Dickson 11/27)
 - 3253 VENEZUELA: The new station on 3253 is a relay of Radio Mundial 960/San Cristobal, Venez., strong most AMs and PMs, lots of LA mx, do not confuse w/R. 980 on 3255 (McCurdy, PA)
 - 3255 LIBERIA, ELBC; 2310, EG tx on food to aid Ethiopia, ID by OM

- Gray, MI 12/01); Venez/R. 980 noted by 5 NASWA members...
- 3270 NAMIBIA, R. SWA; 2300, "The Lion Sleeps Tonite" and other tunes, poor lvl (Gray 12/1); 0245, US oldies (Dickson 11/17)
- 3285 BELIZE, RB; 0330, EG, rebroadcast of BBC's "Caribbean Magazine" (Hohnstein 11/29); 0100, EG/SP (Dickson 11/16); 0315, EG OM w/ID and Top 40 mx (D'Angelo, PA 12/2); 2110, nx w/OM in EG, weak signal (Richards, CT 11/20)+2
- 3295 NAMIBIA, RSWA; 0245, EG, US pop mx, march mx at 0254-0300, weak but audible at 0428 (Hawkins, PA 11/19); 0240, AK, MoR, ID at 0245 by OM (Swaringen, NC 11/7)
- 3310 PERU, R. Bagua; 0957, SP, NA, OM w/echo efx doing opening anmts, tents (O'Brien, VA 11/23); 0935, ID (Bolland 11/12); *0958, NA to full ID at 1000, opening of px, "Buenos dias Campesinos" (Stephany, NY 11/24); 0225, IDs and TC w/romanticas and sx promo (Krueger, FL 11/17) +Alexander...
- 3316 ECUADOR, R. Pastaza; 0300, SP, LA mx and tx (Hohnstein 12/2); 0336, OM DJ w/romantic mx, 0403* (Stephany 11/17)+1
- 3320 NORTH KOREA, R. Pyongyang; presumed at 0959 w/time ticks and OM tx (Bolland 11/30)
- 3320 SOUTH AFRICA, SABC; booming in at 2212 w/orchestral mx, tx in AK, 4835 & 4880 also in strong (Reinstein 12/1)
- 3325 BRAZIL, R. Liberal, Belem; 0507, PT, Braz. pops, OM DJ w/ID at 0508, gave several freqs (Valco, PA 11/19)
- 3339 ZANZIBAR, RTZ; 0305, Swahili, decent lvl w/Koran, clear ID into East Afro rhythms...regular this week (Sams 12/1); 0301, easy copy w/Koran, since power's been upped to 20 kW, this has become quite EZ in FL (Reinstein 12/1)
- 3350 GHANA, GBC/Ejura; weak lvl at 2153 t/in, //4915 which was blasting in, EG nx, prayer, also hrd 3366 (Reinstein 12/1)
- 3356 BOTSWANA, RB; 2155, presumed the one here, running past normal 2100*, mostly pop mx, nothing hrd on 4848 (Reinstein 12/2)
- 3365 GHANA, GBC; 0600, EG nx, fair lvl, not hrd on 3366 (Hohnstein 12/2)
- 3372t MOZAMBIQUE, RM/Beira; 0315, Vern, hi-life mx, low modulatio but good carrier strength (Sams, 12/1)
- 3375 BRAZIL, R. Nal Sao Gabriel; 1006, PT OMs giving nx, TCs (-3 GMT), station promos (Bolland 11/30)
- 3380 MALAWI, MBC; 1700, Chichewa, nx, mention of Pres. Banda (Wood 11/13); 0316, 1cl Afro vocals (Cucura 12/2)
- 3395 INDONESIA, RRI/Tanjungkarang; 1650, nx, island melody, report that all RRI stns are now 24 hours (this applied only during Ramadan) (Wood 11/13)
- 3540H CUBA, R. Rebelde; 0855, 6x590 kHz harmonic w/LA mx also noted on 3600 (6x600 kHz) (Alexander 11/23)
- 3560 NORTH KOREA, R. Pyongyang; OM/YL in Eg w/ID and what sounded like frequencies and times, into martial mx (Hardester 12/1)
- 3640.9 CLANDESTINE, R. Venceremos; 0015, SP tx by OM and YL, martial mx, //6556.5 (Alexander 11/25); strong lvl at 0049* w/"emision de su senal de desde Morazan, El Salvador, Centro America, territorio en combate contra la opresion y imperialismo," hrd 11/23 on 3630 (Reinstein 11/22)
- 3778t IRAN, R. Tehran H.S.; 1320, Farsi, muffled audio (Sams 11/29)
- 3910 JAPAN, FEN; 1500, EG, US network nx, FEN ID at 1504, American Country Countdown px (Clifford 11/10); 1101, UPI nx into oldies px (Bolland 11/16)
- 3925 INDIA, AIR/Delhi; 1640, HD, sitar mx, NSB QRM (Wood 11/20)
- 3930 SOUTH KOREA, KBS; 1443, KR, radio mystery play, time pips at 1500, KR mx (Clifford 11/13)
- 3930 TRANSKEI, Capital Radio; 0319, EG, OM w/sports nx, 0323, pop mx, ID, "Capital Radio 604 -- your favorite five-year old" (Enkenhus, MD 12/1)
- 3931 CAPE VERDE, Voz de Sao Vicente; 2345-0003*, EG pop tunes, including, "When a Man Loves a Woman," s/off and anmts, chimes and oddly enough, mx as if they hadn't signed-off! (D'Angelo 11/6); US pop, NA and off, 0001* (Alexander 11/9); incredibly beautiful mx at 2341 (Tutak, NJ 11/25); 0000, NA played until s/off, fair signal, I checked the ID w/Hauser's ID on "World of Radio" (Laskowski, IN 11/25)
- 3935 INDONESIA, RRI/Semarang; 1659*, soft melody, ID, 24-hr operation noted during Ramadan (Wood, 11/13)
- 3985 SOUTH KOREA, R. Echo of Hope; 1435, tx in KR by YL, ID, into

- vocal mx (Clifford 11/14)
- 3986 IRIAN JAYA, RRI/Manokwari; 1156, pretty good lvl w/pop mx, "RRI" ID at 1159:30, followed by brief Rayuan Pulau Kelapa and into warta berita at 1200, //6188.4 and at 1200 was //many RRI outlets (Reinstein 11/22)
- 3995 USSR, Khabarovsk Regional; 1425, RS, easily readable over the noise w/Mayak IS and nx (Palmer, WA 11/27) 1026, RS, different selections from opera, same px as noted on 4040, at 1030, R. Moscow theme and ID hrd (Bolland 11/16)
- 4000 CAMEROON, R. Bafoussam; 2050, FR, vocals, het, RTTY, tx, phone calls, EG nx from Yaounde(Paszkievicz/Meyer, WI 11/23)
- 4035 CHINA (TIBET), R. Beijing Lhasa Relay; nx summary, chimes and 1656*, fair (Wood 11/13)
- 4045 CHINA, PLA-FFS1; 1121, Amoy, tx by OM, CH mx, ID, more tx, mx, fair sig (Trotto, 11/16)
- 4055 USSR, Kalinin; 0607, fair w/RS OM, EZL RS mx(Krueger 11/15)
- 4060 USSR, RMWS; 2130, EG WS, here nightly since early Nov., an apparent new outlet (Krueger); 2137, Ukraine site, good signal w/EG, xmtr is Khar-kov/100 kW (Reinstein 12/1)
- 4120 NORTH KOREA, VoPRK; 1211, KR, weak w/OM tx (Rigas, IL 11/25)
- 4200h CUBA, R. Rebelde; 0930, SP, 7x600 kHz, tx, LA mx(Alexander)
- 4250 CHINA, CPBS-2; 2254, fair w/CH monologues, some CW QRM, //5075 and possibly 5163 (Reinstein 11/21); 2245, EG lang lesson on how to cope w/doors (Krueger 11/14)
- 4330 CHINA, PLA/Fuzhou FFS-1; 1216, fair w/inst mx (Rigas 11/25)
- 4460 CHINA, R. Beijing; 1107, noted a terrific carrier here, but the audio is less than poor w/YL tx (Bolland 11/30); 2249, mixing w/Brazilians...(Reinstein 11/21)
- 4485 CUBA, R. Orbita; location uncertain, but noted in RS w/big signal and //4765, too strong for Soviet site (Sams 11/25)
- 4485 USSR, Petropavlovsk-Kamchatskiy; 0831, EG/RS, EG nx by YL, ID for Vladivostok, into RS px (Pappas, FL 11/24); 1105, Mayak, RS nx and tx, //4765 (Prath, FL 11/11; 0348, nightly often since 11/14 in RS, seems strange that this fades in around 0350, was looking for Ufa (Krueger)
- 4500 CHINA, Urumqi PBS Xinjiang; 1100, CH/EG, lang lessons, hrd under VNG (Cucura 11/14)
- 4588 ARGENTINA, R. Rivadavia; 0137, SP, good in USB w/many IDs, ads, TCs and political tx (Rigas 11/20)
- 4620 CHINA, R. Beijing; 1430, OM/YL tx (Clifford 11/22)
- 4656 ECUADOR, CRE; 0300, SP, sx, game between "Federacion Ecuatoriana" y "La seleccion Nueva Yor" (apparently Ecuadorians living in NYC), good (Wood 11/26)+1
- 4697 BOLIVIA, R. Riberalta; 0150, SP, EZL LA mx, sentimental vocals, lively mx after 0210 (Dickson 11/23)
- 4699 INDONESIA (Jawa Timur), RKIP/Surabaya; 1218, presumed, fair w/definite IN OM (Krueger, 11/21)
- 4719 SULAWESI, RRI/Ujung Pandang; 1433, IN mx, YL, RRI ID, then IN nx, 1520, back to IN mx (Clifford 11/20)
- 4725 BURMA, BBS; 1133, presumed the one w/YL tx w/occasional brief bits of Asian Orchestral mx (Pappas 12/5)
- 4740 AFGHANISTAN, RA; 0250, Dari ID, Afghan songs (Wood 11/26)
- 4754.9 BRAZIL, R. Educacao Rural; 0435, decent in ECSS w/mix of LA-sounding ballads and Braspops, great sambas...IDs as "R. Educacao Rural," but no QTH given (Palmer, 11/16)
- 4755 BRAZIL, Rdf do Maranhao; 0805, PT, amnts, ID, bird chirps, ads and Brazilian ballads (Alexander 11/22)
- 4760 VENEZUELA, R. Frontera; clear ID at 0030 in SP, lively LA vocals (Dickson 11/18); 1045 (Plum 11/9); 1054, clear ID into travel ads for Mexico (Reinstein 11/7)+4
- 4765 BRAZIL, possibly R. Rural at 1125 classical piano mx, OM w/brief tx (Hawkins, 12/1)
- 4774.5 JAVA, RRI/Jakarta; 1033, YL w/tx in IN, pop mx and mention of Jakarta, interview w/"Mr. Bari" after 1100 (Bolland 12/2)
- 4775 PERU, R. Tarma; 0347, SP, lively LA mx, ID in EG at 0359 by OM, no accent in EG--completely surprised! (Valko 11/25); 1007, ID in EG and SP (Bolland 11/12); 0404, EG/SP IDs (Stephany, 11/24); 0417, Beatles medley (Paszkievicz 11/24)
- 4785 CHINA, Hangzhou; 1037, CH, YL w/tx and CH vocals(Bolland)
- 4785 BRAZIL, R. Ribamar; 0204, lively Braso pops w/lots of IDs, big production ID at 0205 (Forsgren, WI 11/9)

- 4792 ECUADOR, Sistema de Emisora Atalaya; noted in ECSS mixing w/Atlantida on 4790, EZL mx, LA ballads, ad for Banco Continental, mentions of Guayaquil (Palmer 11/16)
- 4795 ECUADOR, LV de los Caras; 0000, cigarette ad, lively LA mx, big band mx (Dickson 11/25)
- 4796.6 BOLIVIA, R. Nueva America; 1015, SP w/huaynos, mx, TCs and OM tx, station off at 1028, but back by 1033 (Bolland 12/5)
- 4800 ECUADOR, R. Popular; 0524, nice Andean tunes w/OM DJ, full cannedID, several echo promos (Stephany, NY 11/24); 0110, OM reading long list of names, ID at 0129 (Rigas 11/25)+7
- 4800 INDIA, AIR/Hyderabad; *1158, audible most mornings signing on w/the AIR flute IS, poss. ID at 1200, into Indian vocal and inst. mx, used ECSS (Reinstein 11/24)
- 4800 LESOTHO, RL; 2152-2201*, hrd most afternoons w/Afro tribal mx, tx by OM in Sesotho, ID and s/off (Reinstein 11/25); *0300, march-style NA, ID (Wood 11/26); 2115 (Daly 11/27)
- 4815 BRAZIL, R. Nac. Tabatinga; 0150, ID at 0201 in PT, fair signal w/love songs (Dickson 11/29); 1031, ID(Bolland 11/30)
- 4820 UNID AFRO; 2140-2259*, lots of EG lyrics, rock mx, some EG anmts, "4 minutes past midnight," same time zone as South Africa (D'Angelo 12/1)**See below...mln.
- 4820 BOTSWANA, R. Botswana; 0355, Setswana, barnyard IS, noted under HRVC...new freq. or punch-up error, 4848 kHz not noted tonite (Daly 12/6)**Seems to be a NF, OM...mln.
- 4825 PERU, LV de la Selva; 1000, SP, flute, fiddle and drum mx, ID at 1016 (Bobb 11/8); 1126, Peruvian mx, "Esta es La Voz de la Selva" (Rigas 12/2); 1022, ID & TC (Forth 11/28)
- 4825 USSR, Vladivostok Regional; 1340, YL and OM, much tx, mx I think this px is produced from Vladivostok (Palmer 11/28)
- 4830 VENEZUELA, R. Tachira; 0305, great LAm mx, TC and ID by OM after every tune (Dillon 11/11); 0730, LA mx (Erwin 11/25)+1
- 4835 GUATEMALA, R. Tezulutlan; 0145, marimba mx, several IDs, this station is definitely sort of primitive (Palmer 11/30); 0205, live Catholic mass, then mariachi mx (Daly 12/4)
- 4835 MALAYSIA, RM; 1501, Malay mx, time pips at 1530, nx, into Koran at 1540, 1600* (Clifford 11/14)
- 4835 SOUTH AFRICA, R. Orion/SABC; 2109, EG, nx, wx forecast for shipping, TC, px of alternative mx, ID as "All Night Svc. of Radio Orion," (D'Angelo 11/17)
- 4845 BRAZIL, R. Nac. de Manaus; 1038, PT, OM w/ads, IDs, much co-channel splatter (Bolland 11/30); *0906, s/on w/ballad, ID, into more ballads (Alexander 11/24); 0125 (Dickson 11/25)
- 4853 YEMEN, R. San'a; 2035, AR, mx until 2105, then relig. chanting, s/off at 2112 (Daly 11/28)
- 4860 PERU, R. Chinchaycocha; 1017, SP ID w/MW and SW freqs, pretty guitar mx and group vocals (Forth 11/3)0
- 4870 ECUADOR, R. Rio Amazonas; 0330, ballads, romantic songs, LAm pops, tx by OM 0400*(Dillon 11/23);tent. at 1036(Bobb 11/11)
- 4875 BRAZIL, R. Nac. Boa Vista; 0313, PT, very mellow Brazilian ballads w/full ID and chimes (Forsgren 11/19)
- 4876 BOLIVIA, La Cruz del Sur; 0955, good lvl but hets from 3 other stns, OM ID and freqs for all the "Cruz" outlets, plus QTH before programming began (Palmer 11/11); 0953, ID w/freqs and chimes (Alexander 11/23)
- 4880 BRAZIL, R. Acreana; 0241, PT, weak w/Braz mx, ID at 0257 (Rigas 11/25); 1029, OM and YL nx (Bolland 12/5)
- 4883 CHINA, R. Beijing Foreign Svc; 1440, OM in Mongolian except for one 3-min. segment of wild CH or Mongol mx. RB IS at 1459 w/ID in RS, "Govorit Peking," twice, within 2 mins of s/on, was jammed beyond recognition (Palmer 11/29); UNID at 1400, RS, not //5146 Beijing Svc (Sams 11/23)
- 4885.2 PERU, R. Huancavelica; 1033, SP Huaynos, YL tx, mentions of Iquitos and San Martin (Bolland 11/12); 1025, OA mx, "El Condor Pasa" at every break (Valko 11/14)
- 4890 SENEGAL, RS; 2110, FR mx px, //4951 otnite (Daly 12/3); 2135, Vern/FR, string inst. w/drums, anmts (Dillon 11/12)
- 4895 MALAYSIA, RM; 1445, bell mx, closing anmt, s/off at 1459 (Clifford 11/15)
- 4899 INDONESIA, RRI/Surakarta; 1603, fair lvl w/gamelan mx (Indo drama w/accompaniment on native instruments) (Palmer 11/27)



LOG REPORT

section B

4900 to 6199 kHz

Editor: Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173

Tanarive coming thru on 5010, and a new Colombian on 5936 . . .

- 4900 VENEZUELA R. Juventud, clas.mx 0320 11-16 (Hankins); pops, s/off anmt 0357 11-11 (Dillon-DC); IDs, TCs, US rock, 2332 11-14, fair signal (D'Angelo-PA).
- 4904.5 CHAD N'djamena widely hrd. Lessons 2024 11-23, IDs, also *0457 11-24 with IS, NA, chorus, ID, etc (Paskiewicz/Meyer); talk, local mx, 2025 12-4 (Daly-NY); hilife 2057 11-17, male anncr, band in good shape this day (D'Angelo-PA); *0454 11-22, ID 0500 per WRTH, mx, good sig (Field-MI); FR ID 0500 11-11, gal anncr, local mx (Dillon-DC); presumed this one 2030-2100* 12-2, FR, chants, kids singing, maybe NA (Bolland-FL).
- 4905 BRAZIL R. Araguaia, dreary mx 0230 11-25 (Dickson); mx 0350, ads, no ID (Field-MI).
- 4905 BRAZIL R. Relogio Federal, chatter, mx, 2300 11-26 (Bolland-FL); ditto 0105 11-13(Field).
- 4905 CHINA Beijing, fair in CH talk 2245-2300* 11-21, //6750 (Swaringen-NC).
- 4905 PIRATE R. Clandestine, 0138 12-10 with rock mx (Hankins-PA).
- 4910 GUINEA Conakry, 2228 11-21, Afr singing, vernac talk, fair, and //15310 (Swaringen-NC); Jazz, M&W dee jays, in FR, 2252 11-6, some CW QRM (O'Brien-VA).
- 4910 ZAMBIA Lusaka, fair 2127-2203* 12-1, vernac talks, tribal mx, some pops, a little above Conakry (Reinstein-FL); *0345 12-2, Fish Eagle IS, NA by chorus, anmts, TC, rooster, fair-good (McLemore-FL); IS 0349 11-23, CW QRM started 0352, poor overall (Gray-MI).
- 4915 BRAZIL R. Anhanguera, mx 2237 11-13, fair (Bolland-FL); ID 0203 11-25, EZL mx, fair (Dickson); EZL LA pops 0220 12-5, fair signal (Daly-NY).
- 4915 CHINA Guanxi PBS, revol.s/off mx 1601, ID by gal, carrier on till 1603*, OK sig(Palmer-DC).
- 4915 COLOMBIA Armonias del Caqueta, 1007 tune in, NA, chimes, ID (Alexander-PA). WA.
- 4915 GHANA Accra, vernac.ID 2030 12-4, talk (Daly-NY); EG nx 2147, ID 2155, vernac.relig. prgm, 12-2 (D'Angelo-PA); 2157 CM anncr, 11-18 (O'Brien-VA); nx 0603-0620 (Swaringen-NC).
- 4915 KENYA Nairobi, Afr vocals, talk, ads, 0330 11-24, off 0338-0350, nx, etc, off again 0402 (Paskiewicz/Meyer); hilife 0348 11-14, PSA, ID, Swahili nx (Forsgren-WI).
- 4920 AUSTRALIA ABC-Brisbane, 30's mx 0922 11-24, pipe, ID, nx (Paskiewicz/Meyer); clas.mx 1145 (Pate-MD); nx 1215, ID, US blues (Enkenhus-MD); natl nx 1355, 1359* (Clifford).
- 4920 ECUADOR R. Quito, variety mx 0250 11-12 (Dickson); ad, ID, mx, 0359-0430 11-11(Dillon-DC).
- 4926 EQUATORIAL GUINEA Bata, fair w/talk, some mx, 2135 12-4 (Daly-NY); poor w/talk, het, 2148 11-23 (Gray-MI); NA 0503 11-19, Afr vocals, talk, IDs, nx, het (Paskiewicz).
- 4930 HAITI 4VEH, EG/FR ID 0030 11-13, into request prgm, VG (Dillon-DC); FR nx 0203 11-19 (Hankins-PA); EZL mx 0210 11-10, ID 0215 (Dickson); FR talk 0215 11-7 (Swaringen-NC); ID 0215, having xmen problems, good sig 11-11 (Bobb-MN); requesting rpts, 0300* (Wood-HI).
- 4935 PERU R. Tropical, 0304, talk, mx, ID, RTTY (Paskiewicz/Meyer); ID 1039, mx (Bolland-FL).
- 4940 UKRAINIAN SSR Kiev, RS singing 0136 11-27, IS 0144, then silence; poor (Bolland-FL).
- 4945 BOLIVIA R. Illimani, 2253 11-23, M&W, talk, IDs, jingles, TCs, nx, //6025(Pask/Meyer).
- 4945 COLOMBIA Caracol Meiva, strong, rapid fire talk during soccer, 0222 12-5 (Daly-NY); nx, ads 0330 11-30, strong (Dickson); VG 0430 11-11, LA mx, man DJ, telephone calls, IDs, listened until 0451 (Dillon-DC).
- 4950 SARAWAK Kuching, 1415 11-20, EG nx, cmtry (Sharpe-CA); govt rpt 1430 11-21, TC, ID 1515, mx request prgm (Clifford); TC 1515 11-2, ID, "Choice is Yours" mx prgm, fair (McKellar-CA); maybe them in CH 0940, but didn't wait for ID (Palmer-WA).
- 4950 CLANDESTINE Voz de Verdade, 0305-0330 11-23, PT talk, mix of EZL, PT, US mx, ID 0319 (Alexander-PA); fair 0340-0400* 11-28, lite mx, many mentions of Angola, USA, S.Africa. Best on USB; said to be somewhere in southern Africa (Palmer-WA).
- 4951 SENEGAL Dakar, fair with male DJ, Afr mx, 2250 11-6 (O'Brien-VA); FR drama 2325 11-19, local stringed mx 2330, TC 2356, ID, nx, 2400* (Enkenhus-MD); much M&W talk 2343 11-9, hilife, EZL mx, 2357 ID, NA to 0000* (D'Angelo-PA); 0755, //4690 until 0759(Alexander-PA).
- 4955 BRAZIL R. Cultura, rooster crowing at 0846 11-22, ID, Braz.pops, many IDs (Alexander-PA).
- 4957 AZERBAIJAN SSR Baku, Azerb talk 0348 11-26, ID 0350, talk, good signal (Wood-HI).
- 4960 ECUADOR R. Federacion, folklorica mx 2250 11-28 (Bolland-FL); tent. them with slow vocals, didn't sound SP, march to 0100* (Dickson). (Sounds like them--JB).
- 4970 VENEZUELA R. Rumbos, LA mx 0156 (Hankins-PA); ditto, 0500* with ID, NA (Dillon-DC).
- 4975 COLOMBIA Ondas del Ortegaaza, mx 1041 11-27, talk to 1149, more mx; poor (Bolland-FL).
- 4980 VENEZUELA Ecos del Torbes, ads, TCs, ID, LA mx, noticias, 0045 11-13 (Dillon-DC); sports, live 0153 11-19 (Hankins-PA); big band mx, ads, nx 0228 11-26, local quality rcpn (Dickson); 0228 12-5, soft LA ballads, strong with some CW QRM (Daly-NY).
- 4985 BRAZIL R. Brasil Central, M&W 0050 11-26, vocals, ID, fgy anmt, QRM (Paskiewicz); mx 0205 11-26 (Dickson); pops 0420 11-18, ID on half hour (Plum-NJ).
- 4990 PERU R. Ancash, *0927 11-17, mx, s/on anmt, mx, good sig (Forth-IL); *0930 11-24, ID

- 0945, folk mx, YV QRM from 0955 (Stephany-NY); 0940 11-12, mx, ID 0942 (Bolland-FL).
- 4990 VENEZUELA R. Barquisimeto, pops 2235, TC/ID, ads, VG but then faded, 11-13 (Stephany-NY); LA mx 0102 11-13, ID 0105, telecons (Dillon-DC); EZL mx 0231 12-5, echo ID, fair (Daly-NY); 0315 11-16, weak str in EG underneath (Hankins-PA).
- 4996 PERU R. Andina, to 0633* 11-16, mx, ID, no NA (Alexander-PA); poor 0949 (Bolland-FL).
- 5005 BOLIVIA R. Cristal, 2358-0015 11-21, EZL mx, ID and fgy 0004 (Swaringen-NC).
- 5010 CAMEROON Garoua, flute IS 0426 12-1, EG/FR IDs, NA 0430, chanting (Daly-NY); EG nx 0540 11-22, Afr mx to 0545, ID 0546 (Swaringen-NC).
- 5010v MADAGASCAR Tananarive, *0256 11-22, VG with IS to 0300, choral NA, clear ID as Radio Madagasiikara; into local mx (Reinstein-FL); IS, NA, band mx, Afr songs, *0259-0330 11-29 (Swaringen-NC); stringed IS, NA, ammt by gal, hillife, Malagasy and FR; faded by 0336, weak audio (Forsgren-WI); tent. 11-25, *0257 IS, NA, gal, too weak to ID (Alexander-PA).
- 5015 USSR Vladivostok, RS 1018-1025, seemingly an opera; fair on 11-16 (Bolland-FL).
- 5020 ALBANIA Tirana HS, NA *0400, ID, nx, good signal 11-8 (Trotto-FL).
- 5025 BENIN Parakou, FR Xmas carols 2035 12-4, disco, 2054*, no ammts; fair (Daly-NY).
- 5025 PERU R. Quillabamba, CA mx 2240 12-3, jingle, ID by gal 2250, fair, some ARO QRM (Daly-NY); ads by M&W 0050 11-13, ID, talk, no mx; poor (Bolland-FL); variety of mx 0215 11-24, some TCs, long canned ID, short good byes, NA to 0259*; good-vy good lvl (Stephany-NY).
- 5026 UGANDA Kampala, weird mx 2053 11-17, ID, EG nx, s/off ammt, mx, 2059* (D'Angelo-PA); Afr mx 11-23 0330, ID, into nx (Gray-MI); EG nx 0400, ID 0403 as HS, 11-18; vernac.talk 0415 12-1 (Daly-NY); 0402, nx, ID, long ad string, cars, laundry mats, 12-2 (Oucura).
- 5030 CHINA Beijing, CH clas.mx, exc sig 1445-1555* 11-28, also some western mx (Palmer-WA).
- 5030 PERU R. Los Andes, NA at 0945 11-25, s/on ammts with ID, M&W annrcs, OA mx (Alexander-PA).
- 5030 VENEZUELA R. Continente, ID several times 1015 12-1, LA mx, dramatic talk (Hankins-PA).
- 5035 BRAZIL R. Aparecida, nx by man 2247 11-13, //Anhanguera, fair (Bolland-FL); in PT 0059 12-2, fair with full ID by man, then local mx (Rigas-IL).
- 5039 SUDAN Omdurman, AR talk 0415, light mx, AR mx, pips 0430, ID, nx, 12-4 (Cucura); tent. This one, weak in AR 2154 11-21, very low audio, fade or s/off 2207; best LSB (Reinstein).
- 5040 CHINA PLA stn, good 0934-0940 11-11, CH gal, vocal and orch.mx, ID 0940 (Palmer-WA).
- 5040 COLOMBIA R. Cincio, LA mx 0055 11-9, overpowered by Upano 0105 (Dickson).
- 5040 ECUADOR R. LV del Upano to 0111* 11-9, NA, Beethoven's "Song of Joy", ID, fgy, address (Dickson); rel.pgm 0040 11-14, clas.mx, NA to 0112*, G-VG (Stephany-NY); exc to 0117* 11-28, gave address as Correo Macas, Morona Santiago, EC, Sudamerica (Reinstein-FL).
- 5045 BRAZIL R. Cultura do Fara, nx, conversation, 2244 11-26, seemed network prgm (Bolland-FL); odd mix of rock, ZY mx, canned ID, 0118-0140 11-13 (Dillon-DC); 0126 Br.pops, fair (Bolland-FL); EZL mx 0140 11-26, good repr (Dickson); pops 0230 11-15, 0259* (Hankins-PA); lively LA pop mx 0246 12-5, fair-good (Daly-NY).
- 5047 TOGO Lome, man with Afr hillife and pops 2233 11-19, nx 2240, ID 2300, all FR; het (Enkenhus-MD); C&W mx 2351 12-6, ammt by gal, NA 2400, then off (Hankins-PA).
- 5050 CHINA Beijing, mostly gal in Vietnamese 1350-1414, IS 1356; PS broadcasters are going pretty low in fgy these days. This on 11-28 (Palmer-WA).
- 5050 ECUADOR R. Jesus del Gran Poder, chimes 0952 11-11, choir, ID 0957, VG sig (O'Brien-VA); man with relig.talk 1025 11-10, vocal mx, ID, responsive rding (Bobb-MN).
- 5053 UNID. Big FE carrier here, 1425-1448* 11-28, 1455* 12-2; Ulan Bator? (Palmer-WA).
- 5055 COSTA RICA TIFC, EG ID 0513 11-18, inspir.talk (Daly-NY); EG relig.talk 0325 11-25 (Dickson); really exc sig, EG 0332-0355* with ID, address, NA, 11-16 (Palmer-WA); in EG 0340 11-14 (Hankins-PA); EG ID 0357 11-12, fgy's, NA, then off (Hunt).
- 5055 ECUADOR R. Catolica Nacl, just above TIFC, mass to 0203 11-30, ID, discussion prgm, talk abt SP language; USB helps (Palmer-WA); radio school 0207 11-17, canned ID 0310 (SW not mentioned), NA to 0312* (Stephany-NY); talk 0220 11-24, ID 0305, 0307* (Dillon-NC); EZL mx 0222 11-18, good sig, bad het (Daly-NY); talk 0420 11-17, ID, NA, 0430* (Jordan).
- 5055 FRENCH GUIANA Cayenne, jazz, M&W annrcs, fair 0945 on 11-11 (O'Brien-VA).
- 5060 ECUADOR R. Nacl Progreso, SP pops, ammts, IDs, echo ammts, NA, 0320-0411* 11-25 (Alexander-PA); 5062, mx 0445 11-29, no ID but references to Loja (Field-MI).
- 5075 CHINA Beijing, good and clear 1325-1347 11-29, mostly gal with nx; in CH (Palmer-WA).
- 5095 COLOMBIA R. Sutatenza, futbol 0100 11-15, full ID 0110, good sig (Jordan); rapid fire nx 0113 11-28 (Hankins-PA); LA nx 0140 11-22, ute QRM (Dickson); ID 0310 11-24 (Dillon-NC).
- 5125 CHINA Beijing Taiwan Svc, fair with YL talks, 1610-1621 11-28, //4770 (Palmer-WA).
- 5191 PERU R. Nuevo Continente, singing 2253 11-13, ID 2304, fading 2320, poor; mx, talk 0030 11-15, faded 0054 (Bolland-FL); ID 0915 11-23, yipping, fair and in the clear (Sams).
- 5199 CLANDESTINE Voice of Natl Army of Democratic Kampuchea presumed, Cambodian mx 1130 12-5, lots of flutes, not martial, long speech; poor due to ute, otherwise fair (Pappae-FL).
- 5274 PERU R. San Juan de Chota, blasting in 11-18, 0034 with mixed mx, many IDs, saludos, promos, OA mx 0100, big closing ammts with echo effect, 0103*; minor geomag storm in progress (Plum-NJ, Valko, JB). Valko and Sheedy-CA report what seemed like R. Bagua the next night, 11-19, ranchera and Andean mx 0050, mensajes, many IDs and TCs, OA NA 0109, 0112*, sig surprisingly good; a relay?
- 5334v ANGOLA R. Nacl, 0440-0530 11-22, mx, Angola mentioned, nx 0500, variable fgy (Swaringen-NC); unid., maybe this one, Afr sounding PT most days arnd 0050, mixed mx; one nite wld nx 0502, maybe R. Nacl mentioned; another day 0200 mentioning other fgy's (Sheedy-CA).
- 5360 PERU R. Vision, lively mx 0011 11-25, IDs, some ute QRM (Rigas-IL); LA pops 0120 11-26, TCs, EZL mx (Dickson); ID 0219 11-26, vocals, DJ often interjecting (Jones).
- 5440 CHINA Xingjiang PBS, fair 0115-0135 11-16, Kazakh listed; Uighur on 5800 same lvl (Krueger).

- 5475 GUINEA BISSAU R. Nacl, local mx 2145 12-3, a little talk; poor, het, CW; make it tent. (Daly-NY); talk 2245 11-6, poor, tent. (O'Brien-VA); local Afr mx 0640, quick ID at 0711, back to more mx, 11-22; also noted at 0001* with NA (Alexander-PA).
- 5580 CLANDESTINE R. 15 de Septiembre, "Atencion Nicaragua" 2245 11-17 (Prath-FL); talk, yelling, 2325-0000 11-16, ID, //6215, 5555, 7050 (6215 jammed intermittently)(Alexander).
- 5616 PERU R. Ilucan, 1105-1124 11-18, s/on arnd 1100, campo mx, short echo canned ID, armts and TCs after most songs; also R's 0105-0120, no ID. Faded by 1130 (Valko).
- 5761 CLANDESTINE LV de Sandino, 0431 12-2, anti-Nic talk, ARDE mentions; 0443* w/NA (Rigas-IL).
- 5800 CHINA Xinjiang PBS, exc 0045-0111, Uighur talk, mx, //4735 poor, 11-10 (Palmer-WA).
- 5816 PERU LV del Altiplano, tail end of s/on 1004 11-23, full ID; glad to hear this (Sams).
- 5875 SAUDI ARABIA BSKSA, endless chants 0305 11-23, poor in ute (Gray-MI); AR 0347 11-23, no //s found (Sams); Ar nx talk 0355 11-15, ID, good signal (Wood-HI).
- 5880 CHINA Beijing, 1450 11-27, ID 1500, //5860 at 1602 check (Palmer-WA); 1625 (Park-HI).
- 5905 PAKISTAN Islamabad, home svc 0115 11-25, talk, local mx, ID; poor overall (Zilmer).
- 5910 BELGIUM BRP, SP nx, mx 2357 11-20, interv v 0017 11-22 (Levison); EG 0030 11-22, wx, DT grammar, fair (Blanchette-FL); EG ID 0050 11-28, travel talk (Hankins-PA).
- 5920 USSR RM WS, 0400 in EG 11-14, bells, ID, nx, good sig (Trotto-FL); RS stn, opera mx 2349 11-17, some talk by M&W, no ID; lang unid; prob. Moscow or Rodina (Mayer-PA).
- 5936 COLOMBIA New Caracol stn IDing (infrequently) as Caracol Carreno; in Pto. Carreno, on Col-Ven border. Hrd AMs from s/on at 0855 to arnd 1130, eves 2200-2355*. AM prgm is "El Llano en se Llama"; door knocking, HJ and YV TCs, mentions of nearby Pto. Ayacucho (Ven), ads for restaurants, almacenes, bakeries, mx extravaganzas. Squeezed in QRM AMs but fairly strong signal. Eves has ads, pops, armts, mentions of Orinoco River, ad for Banco Canader, HJ NA before s/off. (Valko, Pappas-FL, Reinsteinst-FL, JB).
- 5930 CZECHOSLOVAKIA Prague, fanfare 0057 11-28, ID in EG, //7345 (good), 9540 (so-no), 9630 (good), 9740-11800-11990 (QRMed) (Hankins-PA); good 0113 w/trade talk (Blanchette-FL); talk abt Nic elections 0115 11-7 (Parks); SP 0210 11-29, good lvl, press rvw (Palmer-WA); SP to EG 0300 (Dickson); EG 0257 11-19, IS, ID, nx, poor in QRM (Jackson-IN).
- 5935 USSR RM, lang talk 0335, //5920 (Daly-NY); Riga, IS 0630, RS to Latvian, poor (Erwin-VA).
- 5945 UZBEK SSR Tashkent, *1200 with EG ID, nx by gal, //9540, 9600, 11-11 (Prath-FL); EG 1211 11-11, cmtry (Bolland-FL); ltrs 1215 (Levison); fair EG 1400, //11785, 9600, 9540 (Zilmer).
- 5945 AUSTRIA Vienna, GM 0040 11-28, goodbyes 0044 (Hankins-PA); book rvw 0135 11-11 (Parks); *0128 11-20, nx, ID, sports, off 0153, good sig (Jackson-IN); good 0140 EG (Palmer-WA); EG interview 0141 11-24 (Levison).
- 5950 GUYANA CBC, EG talk 2320 11-19, CBC ID, mx, vy weak (Cobb-ME).
- 5955 BRAZIL R. Gazeta, weak but clear 0845 11-25, IDs, armts, ads, Br mx (Alexander-PA).
- 5955 COLOMBIA LV de los Centauros, mx prgm 0935 11-11, ID 0945, good signal (Field-MI).
- 5955 NETHERLANDS RN, 0700-0720, IS, ID, EG nx, Newslines, off, fair 11-9 (Trotto-FL).
- 5955 SWAZILAND TWR, *0257 with IS, ID, into unid. lang 0300; vy weak 11-25 (Alexander-PA).
- 5955 USA KGEI, RS talk 1320 11-8, hymn, gal with ID, 1330* (Bobb-MN).
- 5960 CANADA RCI, hrd by many at 0300 when goes from FR to EG; SWL Digest, nx, sports, wx (Hawk, Gray-MI, Walker, Park-HI, Parks).
- 5960 USSR RM from FE site, JP 1125 11-6, sports, //5950, 6050 (Park-HI).
- 5965 BRAZIL R. Guaiba, opening armts 0848 11-25, ID, fays, marimba-like IS (Alexander-PA).
- 5965 NIGERIA Jos, 0532 w/nx, ID, mx, local lang (Forth-IL); 0559, IS, ID, nx (Alexander-PA).
- 5975 BRAZIL R. Guarujá, PT nx of economic crisis, 0225 11-13, good signal (Wood-HI).
- 5975 COLOMBIA R. Macarena, mx 0106 11-18, ID 0117, clear and strong; where's BBC? (Gillis).
- 5980 ECUADOR HCJB, Swedish 0540 11-19, HC nx, fair, RM WS QRM (Wood-HI).
- 5980 S. AFRICA R. RSA, "Afr Today" 0200 11-6 (Walker); poor 0300, better 3230, 4990 (Daly-NY).
- 5980 TAIWAN Voice of Asia, EG 1500 11-26, local mx, vocals, poor overall (Zilmer).
- 5982 MEXICO XEUJ, 1113-1130 11-28, LA mx, TCs, IDs, easy till KGEI *1130 (Valko); poor w/ID and nx 1210 11-30 (Rigas-IL); vy good 1940-2320 11-22, LA pops, TCs, IDs (Krueger).
- 5985 USA VOA, EG UPI nx 1455 12-6 (Hankins-PA).
- 5985 USA VoFC prgm in EG 0215 11-17, recipe, Spectrum, fair (Dillon-DC); Scripture of the Week (WYFR), bible story for kids, ID, exc 1526 11-25 (Trotto-FL).
- 5985 UZBEK SSR Tashkent, EG and Hindi 1420-1500* 11-30, good but noisy, //5945 weaker (Palmer-2990
- 5990 ITALY RAT, new fgy, 0100-0120 in EG 11-27, poor (as is //9575) (Jordan) WA).
- 5992 EL SALVADOR R. El Salvador, CA vocals 0012-0100 11-17, talking (Plum-NJ).
- 5995 AUSTRALIA RA, mx, IDs 1145-1200, hvy QRM from WYFR s/on at 1155; 11-8 (Cobb-ME).
- 5995 USA VOA, Newslines to 0029, spl EG began; VOA Jazz Hour 0325 (Hankins-PA).
- 5995 USA WYFR, new fgy, EG bible reading 1225 11-8, QRM (Park-HI).
- 6000 BRAZIL R. Inconfidencia, live soccer game, 2245 11-18, tent. ID 2249; fair (Daly-NY).
- 6005 ASCENSION IS. BBC, 0200-0215 11-17, fair (Dillon-DC); 0329* 12-5, contd 6175, 5975 (Daly-S. YEMEN Aden, Ar talking hrd 0330 12-5 after BBC off, faint, het (Daly-NY). NY).
- 6010 GDR RBT, *0715 11-14, IS, GM to WCNA, nx, BBC WS QRM (Wood-HI).
- 6010 PERU R. America, 0810-0850, man anncr, lively LA mx, ID, 11-23 (Alexander-PA).
- 6012t ANTARCTICA Tent. AFAN 0930 11-23, Top 40, few breaks, woodpecker & KGEI QRM (Sams).
- 6015 KOREA (S). Seoul, Korean political talk 0715 11-14, KBS ID (Wood-HI).
- 6015 NICARAGUA Voice of Nic, Contact 0130 11-16, ltrs, patriotic mx, nx, clear w/slight QRM (Dickson); talk 0150 11-7 (Hunt); nx 0415 11-7 (Swaringen-NC); Nicaragua Today 0425 11-17, Contact 248 (Alexander-PA); SP 1112 11-3, ID, TC, anncrs names (Forth-IL).
- 6020 NETHERLANDS RN, test from Flavoland xmr site, fair 0200-0210 11-14 (Trotto-FL); 0200-0224 11-13, EG, other langs (Hawk); *0655 11-14, IS, into test, requested rpts to RN

- Fqy Bureau, IDs in EG, AR, DT, FR, SP, PT, Papiamentu & Sranan Tongo; not //9895 and others (Wood-HI); strong 1055 12-1, EG, ltrs prgm (Hankins-PA).
- 6025 BOLIVIA R. Illimani, 1018 11-22, clear ID 1020, folk mx, fair sig (O'Brien-VA).
- 6025 HUNGARY Budapest, EG at *0200 11-26, VOA QRM (Reed); Nx View, ID, Gray & Gay, 0200-0225 11-20 (Jackson-IN); Hungarian Rhapsody 0210 11-7 (Parks); into Hung nx 0230 (Wood-HI); Hung vocals 0235 12-3 (Levison).
- 6030 FRG SDR, ending GM nx 0505 11-30, wx, good, lvl with AFRTS (Wood-HI).
- 6040 ANTIGUA DW relay, 0100-0150, EG, relay ID at close (Dillon-DC, Walker, Jordan).
- 6045 LIBERIA VOA relay, Jaz Hr 2245 11-6, nx 2254, F-G, fades; site per WRTH (Palmer-WA).
- 6045 MEXICO XEQq, fair 0331-0507* 11-17, clas.mx, ID 0455, NA, off (Krueger).
- 6045 SWEDEN Stockholm, tennis talk 2305 11-6, SCDKers, fair-poor (Swaringen-NC).
- 6050 ECUADOR HCJB, SP religious talks 0252 12-5, good, to Central America (Daly-NY).
- 6050 NIGERIA Ibadan, EG ID 0550 11-13, African rhythms, good signal (Wood-HI).
- 6055 CZECHOSLOVAKIA Prague, EG nx 0530 11-30, hard line pro-Soviet; good sig (Wood-HI).
- 6055 JAPAN NSB, off air cuts from UK VHF stns 1600 (Clifford); KHVH nx 1735 (Park-HI).
- 6060 AUSTRALIA RA, world nx 1500 11-22, Austr Insight, mx request prgm (Clifford).
- 6060 PORTUGAL Lisbon, 0300-0332, IS, NA, EG prgm, nx, movies, etc (Jordan, Daly-NY).
- 6060 SARAWAK Tent. Miri hrd several times w/JSV and CH-6058 uv arnd 6062; 1030-1150, mostly talk, pips on hr and half hr; even hrd after RA carrier s/on 1130 (JB).
- 6061 PERU R. JSV, 1024-1102 11-28, huaynos, TCs, totalled by OC 1102 (RA-JB) (Valko).
- 6065 BRAZIL R. Nacl do Amazonia, 0759 12-6 Radiobras IS, ID, wx, VG sig (McLemore-FL).
- 6070 CANADA CFRX, telco ad, talk on China visit, nx 2000, 11-12, poor sig (Dillon-DC).
- 6065 CANADA CBC NQ Svc, EG 1345-1359*, Food Show, good rcpn 11-25 (Cobb-ME).
- 6065 SWEDEN Stockholm, Swedish talk on nx 0535 11-30, fair thru VoPC/WYFR QRM (Wood-HI).
- 6065 USA VoPC via WYFR, EG 0220-0300 (Hunt, Hankins-PA), in CH 0520-0550 (Jordan).
- 6070 DDR RBI, SP nx 0505 11-30, gal has heavy GM accent; good sig (Wood-HI).
- 6070 LIBERIA ELWA, 1955-2003* 11-12, vernac to 2000, then FR ID; poor sig (Bolland-FL).
- 6075 CHINA Beijing, M&W 1056, clas.mx, dead air, pips on hr, IS, poor 11-12 (Bolland-FL).
- 6080 AUSTRALIA RA, IS 1050, ID 1100, nx (Hankins-PA); ID 1235, nx, elec; fair (Trotti-FL).
- 6085 ANTIGUA DW relay, EG 0110, //6040, 6145 (Hankins-PA); GM nx 0305 (Daly-NY).
- 6085 FRG Bayerischer Rundfunk, nx 0500 11-30, good but QRMing DW; ID 0700 11-20, nx, wx at 0705, into GM country mx, good signal (Wood-HI).
- 6089 NIGERIA Kaduna, vernac 0615 11-23, talk, local mx, ID 0630 (Alexander-PA).
- 6090 LUXEMBOURG R. Lux, EZL mx 2300 11-11, EG ID on hr by GM amncr; to 2400 (Erwin-VA).
- 6095 ECUADOR HCJB, DXPL in EG at 0251 on 12-4, ex-6140, QRM frm 6085, 6100 (Park-HI); EG world nx 0300 12-5, Guidelines (Daly-NY); exc w/Passport 0600-0625 11-29 (McKellar-CA).
- 6095 POLAND Warsaw, 0228 with EG 11-23, end of DX prgm, ID, fqy, mx, ID, poor (Trotto-FL).
- 6098 COSTA RICA R. Universidad, nx, talk, mx, 0000 11-25, poor (Zilmer). Not Nie? JB.
- 6100 VENEZUELA YVTO, 2230 11-16 (Richards-CT), 0155 11-7 (Swaringen-NC), 0615 11-18 (Hohn-CA).
- 6100 YUGOSLAVIA Belgrade, 2114, 2121, IDs for Belgr. and Skopje (Swaringen-NC). stein).
- 6105 NEW ZEALAND RNZ, EG wx forecast 0740 on 11-20, Chatham Is wx, good sig (Wood-HI).
- 6110 PHILIPPINES VOA, Newline 1115 11-12 (Tutak-NJ); nx 1631-1640 11-7, fair (Palmer-WA).
- 6115 MEXICO XEJDS, 1512-1545 fade, R. Universidad ID, piano, clas.mx, fair (Krueger).
- 6115 PERU R. Union, ID and TC 0910 11-17, "Mejor Musica del Peru" prgm (Forth-IL).
- 6115 USSR RM NA svc, 0025 (Hankins), 0105 (Hankins), 0200 (Erwin, Swaringen), 1019 (Witzig).
- 6118 COLOMBIA LV del Llano, LA pops, IDs, TCs, 0800-0900, 11-11 and 11-28 (Erwin-VA).
- 6120 ENGLAND BBC W5 0116 11-21, talk in Costa Rican hospital, interviews (Hankins).
- 6121 NICARAGUA R. Zinica, EG prgm on how to defend against US invasion, 1845-1854 11-22; invite to join tomorrow at same time, so maybe starts 1830? (Krueger).
- 6120 USSR RM FE site, fair 1400 11-10 with IS, CH ID, band mx, nx (Park-HI).
- 6125 GER RBI, EG *2315-2359* to Carib (Plum-NJ); EG 0330, talk, to Afr, 11-10 (Hunt).
- 6128v PAKISTAN Tent. them, 1315-1350, Koran, stringed mx, 6130 QRM, 11-15+ (Sams).
- 6135 POLAND Warsaw, IS 2230 11-10, on with nx in EG, talk about jazz (Prath-FL).
- 6138 UNID. SP 1108-1133 11-12, OA-like, poor, hvy 6140 QRM (Bolland-FL). Sta Cruz, Bol.--JB.
- 6140 CUBA Havana, EG 0115, exc rcpn (Dickson); 0400-0430 EG, Cuba & the Wld (Jordan).
- 6140 ECUADOR HCJB, DXPL 0230 11-13, bad fqy, //9745 better (Wood-HI).
- 6145 NIGERIA Calabar, poor 2100-2116 under DW, IS 2100, soon lost in mess, 11-25 (Krueger); unid., maybe this one, EG relig. svc 0615-0640, hymns, message, weak sig 11-18 (Plum-NJ).
- 6150 AUSTRALIA ABC-Melbourne, 1129-1301* 11-11, jazz, Impacto QRM at times (Cobb-ME).
- 6150 COSTA RICA R. Impacto, 1525 (Reed), 1720 (Sams), 2308 (Stephany), 0030 (Hankins).
- 6150 USA KGEI, SP ID 1459, more SP hrd 12-6 (Hankins-PA).
- 6155 AUSTRIA Vienna, GM ID at 0500 on 11-30, nx, good signal (Wood-HI).
- 6155 SINGAPORE R. Singapore, bells 1035 11-22, mix of Asian and western mx (O'Brien-VA); pips 1100 12-1, ID, SEA pops, poor (Pappas-FL); 1120 11-8, good with pops (Bolland-FL).
- 6160 CHINA Beijing, EG talk 1225 on 11-19, abt Chinese town (Park-HI).
- 6165 NETH. ANTILLES RN-Bonaire, closing SP 0129 11-21 (Hankins-PA), EG nx 0530 11-28 (Erwin-VA).
- 6170 ALASKA KNLS, EG 0730 11-28, poor (Park-HI); good 0740 11-20, ex-6100 (Wood-HI).
- 6180 GUATEMALA LV de Guatemala, talk, mx 1600, ID at 1623* 12-1 (Reed).
- 6185 BRAZIL R. Bandeirantes, fair 2258-2305 11-6, bad atmos.buzz, M&W with nx (Palmer-WA).
- 6189 PERU R. Oriente, mx 1100 11-9, talk, full ID 1102, poor (Bolland-FL); 1105 on 11-15, nx, weak signal; no ID hrd (Field-MI).
- 6200 NICARAGUA R. Sandino, SP ID 0142 11-7, SP mx (Swaringen-NC).

++LATE ITEM: Per Bob Hill, Cuban R. Rebelde now on 5025; hrd by JB 12-22, 1100. 73--



LOG REPORT

section C

6200 to 11699 kHz

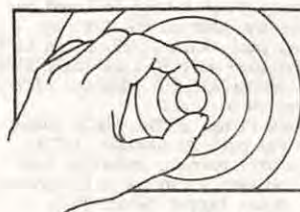
Editor: David L. Walcutt, 211 West 58th, Apt. 36-F, New York, NY 10019

Welcome to 1985 and another year of FRENXI! Many thanks for the Christmas cards. Meanwhile I have purchased a new typewriter capable of all kinds of wizardry which should make the mechanics of typing 100% easier as well as more accommodating to longer loggings. In what follows I am using 10-pitch type but with 12-pitch spacing...

- 6200 NICARAGUA R. Sandino; 0950 SP, pop LA & Nic. songs, esp. w/"Sandino" (Erwin 11/11).
- 6205NE ECUADOR HCUB; 0320-0335 RS, astounded to hear, at 0327, an ID for TWR-Monaco, complete w/write-in address; however, at 0330 the ID was "Golos Ahnd" & address in Quito; after 0330 they cont'd w/their own pgm in RS; apparently the VOA was too much competition on 6130 (Palmer-WA 12/3). 0525 Nordic, ID, very strong signal; technician had trouble getting tape started (Sams 12/5); 0810-0830* EG, "The Discipleship Hour" from Ft. Lauderdale, FL (Sounds like a new pirate, hi -ed.), s/off & 4 pips; ex-9655 (Park-HI 12/5). Heard here signing on at 0230, right on top of Greece! -ed.
- 6205 GREECE VOG; *0000-0130 GK, nx read by W and non-stop Greek mx (Jordan 11/12, Dickson 11/26, Hankins 12/1, Levison 11/10); 0130-0145 EG, nx concentrating on the Mediterranean region (Swaringen 11/7, Jordan 11/26, Field 11/12, Zilmer 11/30, Dickson 11/28, Alexander 11/22); 0330 GK ID, sports (Wood 11/26); 0340-0350 EG nx (D'Angelo).
- 6210 MONACO TWR; *0500-0545* RS, kids' pgm, request reports to Box 349, M.C. (different # from WRTH); 0530 into "Velikie slova Biblii" (Great Words of the Bible) (Wood 11/18)
- 6215 CLAND R. 15 de Septiembre; 2315-2400 SP, sirens & nx (Erwin-WA 11/11); 0415 SP, machine-gun and siren noises, much talk about Nicaragua; ID at 0432 (Swaringen 11/11)
- 6215 LEBANON V. of Hope; *0400 AR, anthem, ID "Sawt al Amal min Sharq al Awsat" (V. of Hope in the M.E.), list days pgms in EG, AR, FR; then distorted broadcast jammer on; first time heard jammed, was unjammed when I lived in Saudi Arabia (Wood 11/19).
- 6225 GREECE VOG; 1920-1930 EG, nx, September industrial prod. up 2.9%, tourism up 14.1% "to listeners in Europe" (Alcorn-NJ 12/4); 2337 EG, mx, Greek mx (Alexander 11/22); *0400-0450+ GK nx, mx to Arabia & Ind. Oc. (Wood 11/19, Field 11/19, Swaringen 11/11)
- 6229.9 CLAND R. Monimbo; 0050-0115* SP, LA pop mx, ID at 0100 followed by talk; marimba mx at 0112 to s/off (Alexander 11/22); 0101 SP w/soft mx, ID by F ancr, instrumental mx, 0115 s/off (Forth-IL 11/6); 0235-0310 SP, nonstop nice mellow Spanish vocals, ID by W at 0300 then "Noticias de Nicaragua" (Cobb-ME 11/23); 0247 SP: unid; LA mx to 0300 then noticias (much ment of Nicaragua), marimba mx & off (Clifford 11/23); 1554-1707* presumed the one testing w/nonstop LA romantica vocals (Krueger 11/17).
- 6240 PIRATE V. of Tomorrow; 2121-2202* Nazi education talk, drum & wolf IS (Plum 11/17).
- 6300v CLAND LV del CID; 0133-0530 & 0940-1305 SP anti-Cuba pgms (8 reporters).
- 6550 LEBANON R. Voice of Lebanon; *0405-0420 AR, IS, "Col. Bogey" (Wood 11/19, Sams).
- 6556 CLAND R. Venceremos; 0000-0100 SP, patriotic slogans, marches (Dickson 11/23).
- 6560 CHINA RB; 1045-1050 RS tlk by M w/jammers right on top; //9480 (Palmer-WA 11/11).
- 6600 KOREA PDR CBS; 0659-0715 KR, light class mx, ID by W, time pips, mx (Trotto 11/16).
- 6614a VIETNAM Bac Thai; 1158 VT, beautifully haunting Viet vocals, ID by W w/clear ment of Bac Thai at 1159; fair w/fluttery signals (Pappas-FL 12/5).
- 6665 CHINA CPBS-1; 0730-0740 CH, heard the ID by W, then opera mx (Trotto-FL 11/16).
- *6853 PERU R. Santa Cruz; 0448-0503* SP, lcl mx w/vocals, s/off armts at 0458 w/many IDs and one as "Radio Santa Cruz, 6,850 kilocyclos banda de 41 metros, Santa Cruz, Cajamarca... Buenos dias Santa Cruz, Buenos Dias Peru" then NA and off; s/off time varies from day to day, sometimes buzzing QRM; thanks Jensen for tip (Valko 11/7).
- 6955 CHINA R. Beijing; 1035-1320 JP, M&W w/nx, Chinese mx & ID by M, talks dramatically presented; //7480 (Palmer-WA 11/11, Prath-FL 11/11, Park-HI 11/10).
- 7050 CLAND R. 15 de Septiembre; 2310 SP, usual tlk on revolution (Trotto-FL 12/5)
- 7080 CHINA RB; 1620-1635 Hindi talks by M&W; //9920, 6590 (Palmer 11/27).
- 7100 USSR RM; 2320-0035 EG to N.Am., Nicaragua cmnt; grain prod. (Parks 11/26, Daly).
- 7105NE BANGLADESH R. Bangladesh; 1345* lang., ment. of Bangladesh but no ID; //9775 with Asian mx (Sams 12/3). European monitors & BBCMS report *1315-1345* in Nepali -ed.
- 7115 BULGARIA R. Sofia; 0400-0500 EG to N.Am. (Plum 11/10, Parks 11/10, Hunt 11/13).
- *7125 GUINEA R. Guine'e; 0700 FR ID, world nx, unbiased, no longer "La Voix de la Révolution as some report; 0702 transmitter breakdown; good (Wood-HI 11/21).
- 7140 PHILIPPINES VOA-Tinang; 2020-2045 Ukrainian?, VOA mentioned several times & at 2043 began a pgm of or about religion w/address for "Ukrainskiy Radio" in Wash., DC -- that's why I think language to be Ukrainian (Palmer-WA 11/17). Presumably this is beamed to Ukrainian enclaves on the East Coast of the USSR -ed.

- 7145 POLAND R. Polonia; 0458 PO, jazz; IS, IDs; horn flourishes & full ID, nx (Park-HI 12/2); 0500 ID: "Tu Polskie Radio Warszawa dla marynarze, rybaków i ostateczni Polaków za granicę"; nx; booming, ton of bricks signal on the night I got my first North European on MW (Norway 1314) here in Hawaii (Wood 11/30).
- 7172.2t ANGOLA Emissor Reg. do Lobito; 0511-0544 believed the one w/instr. and percussion hilife, definite PT M 0516, more mx through fade out (Krueger nd).
- 7200 USSR Yakutsk; 0600 Yakut local ID, Yakut nx, interview; g (Wood 11/10).
- 7204.7 ZATRE R. Lubumbashi; *0357-0436 most nights since early Nov. w/good signal, bells-type IS, into hilife, FR M ID then hilife w/occasional lang, 0431 FR ID (Krueger).
- 7205 USSR RM "Radio Kiev"; 0030-0100 EG, nx, mx by Uk. State Symphony (Erwin 11/26).
- 7215 AUSTRALIA R. Australia; 1945-2000 EG, interview, ID, wx (Trotto 12/4).
- 7215 TURKEY VOT; 2000-2015 EG, IS, ID by M ancr then the nx; QRM Australia (Trotto 12/4) 2130 EG, mx, travel pgm w/W ancr, heavy ARO QRM; poor (Dillon-NC 11/23).
- 7218 ANGOLA R. Nacional; 0415 PT, LA mx //5335 (Sam 12/23). How about some details OM -ed
- 7230 PHILIPPINES VOA-Poro; 1635-1645 Hindi news items; excellent (Palmer 11/27).
- 7230 UK BBC W.S.; *0550+ Bow Bells IS into nx (Wood 11/18). Beamed to North Africa -ed.
- 7235 JAPAN R. Japan; 1500 EG, nx, "Current Affairs" & topics; //9505,11815,21695 (Zilmer)
- 7255 BOTSWANA RB; 0350 barnyard sounds IS, cow moed, 0400 into Setswana ID; g (Wood 11/21). 0356-0400 EG, IS, cow bells+cow "moo" + rooster "crow"; NA by chorus (Parks 11/18). *0340 lang, cattle, rooster & cow bell IS until 0400 pgm, jazz; at 0430 in EG: "You are listening to Radio Botswana. The time is half past six on Wed. the fourteenth of November. Here are the highlights of the news (Hohnstein 11/14).
- 7255 NIGERIA VON; 2140 FR, ID, Afro mx, s/off 2200 (Daly 11/14); *0458 EG, C&W mx, reggae, news of Africa, into FR at 0600 following drum IS (Daly-NY 11/18, Dillon-DC 11/11, Kociela 11/25, Swaringen 11/11); 0615 "La Lutte Contre" (McKellar).
- 7260 INDIA Vividh Bharati, Bombay (listed); 0220 Hindi, light Indian mx; g, best on band (Wood-HI 11/13). Seems like this should be receivable here sometimes, at least on WCNA, but look out for the Russian on the frequency which also goes off at 0300 -ed.
- 7260 IRAQ RB; IS at 1359 and into AR nx by M; not to be confused with Radio Ulan Bator which is heard here earlier, at 1300 (Palmer-WA 12/2). This is your unid. -ed.
- 7265 GERMANY FR Südwestfunk; 0701 GM, nx, 50's mx, TC, ads, sports scores (Paszkiwicz).
- 7270 SOUTH AFRICA R. RSA; 0330 EG, talked of witch doctors in the native tribes (Hunt 11/14); 0430-0445 FR, IS, ID, nx by M; good (Trotto-FL 11/19).
- 7285 MALI R. Nationale; 2142 FR, lcl mx; //5995 better (Daly 12/3); 2341-0001* FR, tent. no ID; mx w/M ancr, short nx at 2356, "I Love NX" mx; anthem (Gillis 11/15).
- 7285 POLAND RP; *0700 IS, ID, nx; //6095, 7145, 7270 (Wood 11/20).
- 7290 USSR RM; 1520 EG, M&W on trade unions; ID for W.S. and into "Kaleidoscope" (Hardester 12/1); 1533-1600 EG, "Focus on Asia", Vladivostok listed (Sharpe-CA 12/2).
- 7300 ALBANIA RT; 0330-0335 EG, nx & tlk on Albania's army (Hunt 11/7, Parks 11/18).
- 7314 PAKISTAN RP; 0248* EG, dictation news, ID at s/off (Sams 12/23). ID text? -ed.
- 7335 USSR RM; 1930-0040+ EG, SP, at different times under/over CHU (5 reporters).
- 7355 ALASKA KNLS; 1730-1802 EG, s/on with 2 repeats of ID and "Thank-you for listening to KNLS"; continued w/religious tapes in EG of 15 minutes each (Palmer-WA 11/17).
- 7355 USA WRVO; 0145-0155 EG, request reports, rock mx, ads (Wood 12/1, Hankins 12/6).
- 7360 USSR Radio Station Peace 'n' Progress; 2030 GM, IS, ID, nx (Dillon-DC 11/12).
- 7365 USA KGEL; 0600 RS, ID's in RS & EG then RS pgm; good signal (Trotto-FL 12/1).
- 7390 PIR. "KOLD"; 2312-2327 EG, 50's rock inc. "Blueberry Hill", no address mentioned, s/off w/motto "Time is nature's way of keeping everything from happening at once"; very good signal w/CW QRM (McLemore-FL 11/17).
- 7412 ISRAEL ; KI; 0045-0241 EG/HB etc. to N.Am., Mideast nx (5 reporters).
- 7420 CLAND R. Iran; 0220-0234*, very strong signal; ME flute mx, brief Qur'an recital, many ments of Iraq, Iran, and "Radyo Iran" several times. S/off after piano tune 0234; thanks D. Potter tip; 500 kw Baghdad facility?? (Reinstein 11/28).
- 7425 PIR. "WKUE"; rock mx DJ, Mr. Coffee, 2004-2016; signal suddenly lost as if str shut down; letters to P.O. Box 5074, Hilo HI 96720 (Richards-CT 11/24).
- 7427 PIR. "KFBT"; 0300-0315, C&W mx w/ID, TC 0300, Hilo mailing address (Plum 11/23).
- 7430 PIR. "WPJR"; 0132-0145 EG, Grateful Dead mx, ID's, farm report on how to tell a hog from a frog, "Big Boy's Career Corner" on how to start your own diploma mill for \$495., promised to give address next bc; very good signal (McLemore-FL 12/3).
- 7432± PIR. "WKUE"; 0251-0305 EG, oldies, usual fast ID's between tunes (McLemore 11/12); 0310 weirdo rock & roll mx, "Purple People Eater", Hilo address (Hankins 11/12). 0305-0320* w/"74 WKUE" ID's (Rigas 11/12); 0307-0319 heard w/60's pop sels. and the elusive "Purple People Eater"; ID as "Radio 74 WKUE"; Hilo ACE address (Tutak 11/12)
- 7850 CHINA PLA-1; 1115 CH mx, M&W; //5265 (Prath-FL 11/11).
- 7935 CHINA CPBS-1, Beijing; 2119-2128 CH M hosting exercise pgm over bed of classical mx; excellent (Krueger-FL 11/25).
- 9455NF USA VOA; 0040 EG, popular rock mx, Fleetwood Mac (Hankins-PA 11/14).
- 9500 ALBANIA RT; 1447 Indonesian, s/off anmts & "Internationale"; 1500 Russian, and jammed almost immediately (Palmer 12/3); *0630 EG, IS, to Eur. (Wood 11/21).
- 9505 IRAQ? RB; 1310-1330 AR mx, possible ID at 1330 (Jordan 12/2).
- 9505 JAPAN RJ; 1500 EG nx & cmnt (Clifford 11/11); 1710 EG ID, talkshow (Karns 11/4).
- 9505 PERU R. Tacna; 1013-1018 SP, nice OA vocal mx, tlk by M w/ID, TC and ment. of "Buenos dias Peru", mentions of Lima and Cajamarca; first time this freq (Valko 11/4).

- 9510v ALGERIA R. Algérie; 1305-1340 FR, nx, baritone vocal, ID on 4-hour followed by fiery speech by M, then AR mx (Jordan 12/2). What was the text of the ID? -ed.
- 9510 ANTIGUA BBC W.S.; 0427-0430 s/on, IS, site ID, usual pgms (Park 11/28, Karns 11/11).
- 9515 MEXICO La Voz de America Latina; 1328 SP, bank & dog food ads, ID 1326 (Daly 11/18).
- 9525 CUBA RHC; 0630 EG, nx items by M, same old slant & editorializing (Hankins 12/9).
- 9525 INDIA AIR; 0200 Hindi, Indian film mx, Madras listed (Wood 11/21).
- 9535NF FR. GULANA RFI-Montsinery; 0145 FR press review, 0200 PT nx; //9790, 11670 (Wood).
- 9535 NETH. ANTILLES TWR-Bonaire; *0400 EG, "Unshackled" rel pgm, ID (Jordan 11/22).
- 9545 ANTIGUA DW; 0540-0550* EG, "People & Places", ID, s/off; perfect (McKellar 11/23).
- 9545 BRAZIL R. Universo, Curitiba; 0433-0625 PT, noted apparently running all night with Brazilian pops, ads, rel sermon; 0600 M: "1210 kHz. ondas largas, 6020, 9545, e 11905 kHz. ondas curtas, Radio Universo!" (Krueger-FL 11/21+).
- *9545 INDIA AIR; 1400-1500* EG, G.O.S. pgm, nx, cmnt, mx; f (Zilmer-NM 11/23); 1431-1455+ EG, program hi-lighting India's economy, subcontinental mx (Sam-KS 11/18).
- 9550 CHILE R. Nacional; 1025 SP, Chilean news s to 1028, ID; co-channel QRM (Pappas 12/5).
- 9560 BULGARIA R. Sofia; *0200 IS, into SP, ID, nx; good (Wood-HI 11/13).
- *9560 ETHIOPIA V.O.R.E. 1500 EG, news headlines followed by mx, then into short program about the desert (Lare-MI 11/26); 1500 EG, nx, pop mx, cmnt (Zilmer 11/22)
- 9560 TURKEY VOT; 0335-0350* TK, lcl nx, many ID's w/ at least one in EG; NA (Jordan 11/26)
- 9565 NORWAY RNI; 1700 EG, news and views; poor (Zilmer 11/25).
- 9570NF GABON R. Japan via Moyabi; 0510 GM science essay contest, talk on comics; 0530 into FR; 0600*; just 5 kHz. away from Japan 9575 but not //; //7225 (Wood 11/14); *0355-0430 unid lang., IS, JP/EG ID's by M&W, fcy arnts, relay QTH, nx; RS? (Jordan 11/12).
- 9570 KOREA REP. RK; 0900 PT s/on arnts by W after theme mx; fair/good (Pappas 12/7).
- 9575 ITALY RAI; 0100-0120 EG to N.Am., nx by W, mx (Jackson 11/22, Dickson 11/21).
- 9580 AUSTRALIA RA; 1109-1530 EG to N.Am. (Hankins 12/1, Cobb, Mitchell 12/4, Levinson).
- 9595 SOUTH AFRICA R. RSA; 0410 EG, world nx; poor (Hunt 11/14).
- 9595 JAPAN R. Tampa; 0110 JP, annual joint program with KZOO Honolulu, with teletalk, chitchat, pop mx and ads (Park-HI 11/23). As far as I know you are the first person to hear/report both ends of this joint pgm -ed. 1601 JP talk and ads for Radio Tampa "News Today" program; "Radio Tampa" ID 1654 (Clifford 11/14).
- 9595 BULGARIA RS; 1647 TK, into AR at 1700, surprising reception tpday (Palmer 11/17).
- 9605 PORTUGAL AWR; 0713+ Albanian/EG/FR/GM/GK etc. (Stephany-NY 11/25).
- 9610 SEYCHELLES FEBA; *0312 SH, IS, ID "Hi ni Febba Radio", nx (Park-HI 11/7).
- 9615 SOUTH AFRICA R. RSA; 0200-0250 EG to N.Am. (6 reporters).
- 9618 MOZAMBIQUE RM; 0250-0445 PT, IS followed by 4 musical notes at 0257 then ID & into arnts (Daly 12/2); 0410 PT morning show, TC's (Wood 11/11); 0350-0445 PT, Afr. mx, 5-note gong at 0400 w/ID (Swaringen-NC 11/22); 1539-1612 PY, jazzy disco-beat mx, nx at 1600; 1607 ment. "Emissao Nacional" (Palmer-WA 11/13).
- 9620 YUGOSLAVIA RY; 1528 EG, IS, ID; weak signal (Vadino-WA 11/24).
- 9629.8 CHILE R. Agricultura; 2312-2331* SP vocals, ads, TC "la hora oficial en R. Agricultura." Plug pulled mid-song; very good; thanks Reinstein (Krueger 11/17).
- 9635 IRAQ R. Baghdad; 1930-2000 AR mx w/woodwind instr., no ID; //11700, 11750 (Jordan).
- 9645 BRAZIL R. Bandeirantes; 0015-0040+ PT, jingles, sports, ID 0030 (Jordan 11/27).
- 9645 PAKISTAN RP; 1114 unid lang., IS, ID and into speech (Park 11/12).
- 9660 VENEZUELA R. Rumbos; 1115-0320 SP, jingles, ID's etc. (6 reporters).
- 9670 PHILIPPINES R. Veritas; 1500-1510 rel pgm (Zilmer 11/22, McKellar 11/4).
- 9675 PERU Radio del Pacifico; 1120 SP; rel tik & hymn w/TC for 6:20 in mid-hymn. ID at 1135; fair (Pappas-FL 12/7).
- 9680 AUSTRALIA #AR via VLH9; 0707 EG, Mike Post theme songs; //15230 (Park-HI 11/22).
- 9684 TANZANIA RT; 1842-1916* EG, FRELIMO pgm, Cuban marimba mx; pips & nx (Park 11/18).
- 9695 BRAZIL R. Rio Mar; 1108 PT, rel tik by W professor, "Radio Rio Mar" jingle; ads, TC, pops with M DJ; fair (Pappas-FL 12/7).
- 9705 MEXICO R. Mexico Int'l; 0240 SP, LA mx, cool/EZ pop mx (Diclson 11/19); 0330 SP mx (Pate 11/10); 0409 SP, guitar mx (Levison 11/18).
- 9719 SRI LANKA SLBC; 1330 EG cmnt on UN and nuclear conference (Zilmer 11/28).
- 9725 SWAZILAND TWR-Manzini; *0350 IS, ID, into EG rel pgm; good (Wood 11/21).
- 9725 SWITZERLAND SRI; 0145 EG, wx, computer school (Blanchette 11/29); 0430-0455 EG, "Shortwave Merry-Go-Round", mx (Pate-MD 11/25, Kociela 11/25).
- 9734.5 PARAGUAY R. Nacional; 2128-2145 dance mx pgm; 2132 M: "Transmite R. Nacional en Paraguay" into local guitar mx; excellent (Krueger 11/17).
- 9750 CHILE Radio Minería; 1044 SP, nx & featurettes on Chilean political scene; freq, Id's and TC's; poor with co-channel QRM (Pappas-FL 12/7).
- 9770 AUSTRALIA RA; 1630 EG, nx of Australia, lite mx; p (Dickson 11/22, Reed 11/24).
- *9778.4NF DOMINICAN REP. R. Santiago; 1701-1900+ & 0205-0215 daily since D. Potter tip 11/24 w/Noto-Tiempo network newscasts, local Sunday LA mx request pgm, GMT -4 TC's; the nomad of 49 meters moves to 31; excellent signal (Krueger-FL).
- 9785 SWAZILAND TWR; 1628 EG, IS ID's; pgm preview into "Great Soul" pgm (Park 11/30).
- 9790 FR. GULANA RFI; 0305-0630 with EG 0315-0330 & 0345-0357, to Americas (6 reporters).
- 9840 VIETNAM VOV; 1023-1027* EG, into Indonesian Svc. at 1030 (Pappas-FL 12/7).
- 9912 INDIA AIR; 0050 EG, mx, nx, ID; //11715 (Vadino 11/23).
- 11615 GREECE R. Stn. Macedonia; 1425 GK, live play-by-play of soccer league (Rigas 11/25).
- 11690 SPAIN REE/SFR; 1945-2005 EG, mx & topics (Mayer 11/11, Alcorn 12/8). 73, *ave*



LOG REPORT

section D

11700 and above

Editor: Wallace C. Treibel, 357 N.E. 149 St., Seattle, WA 98155

- 11700 DOMINICAN REPUBLIC R. Clarin in SP 0040-0300 & EG 0300-0400 widely rptd, "Sweden Calling DXers" during EG xmsn of R. Earth via Clarin; also in both langs *1600-2300*, live phone-in, ads, SW Merry-go-Round, (Trotto, Hankins, Rigas, McLemore, McKellar, Swaringen, Alcorn, Wood, Walker, Clifford, Hunt, Forth)
- 11705 FRANCE RFI in EG 1608, nx "around the World" (Hankins 12/9)
- 11705 MONTERRAT DW relay in SP 1100-1115, ID "R. DW Caribbean Relay Sta Montserrat", nx, cmntry, ID's in SP, f (Enkenhus 11/15)
- 11710 NEW CALEDONIA RFO Noumea active here again, 0800 political speeches in FR on current election, // 7170, 3355, g (Wood 11/14)
- 11710 CUBA RHC in SP 2200, ID, IS, NA (Hankins 12/1) ED: Hankins wonders if this is new freq? Has anyone else noted RHC on 11710?
- 11715 LIBERIA VOA Monrovia relay in PT 1730-1734, nx, ID, xmsn to Africa (Palmer 11/17)
- 11715 AUSTRALIA RA IN EG 2300-2330, Nx, "Australian Insight", g (McKellar 11/9)
- 11720 CANADA RCI in EG 2205, wx rpts for Northern Canada, sports, exc (Hankins 12/6)
- 11730 PORTUGAL R. Renascena in PT *2328, church bell IS, ID (Sams 11/27, Levison 12/3)
- 11735 MADAGASCAR R. Nederlands relay in IN 2127, celeste IS, ID, nx, pop mx (Park 11/24)
- 11740 MADAGASCAR R. Nederlands relay in EG, "Newsline" at 2040 (Parks 11/21)
- 11755 FINLAND RF in FN *1628-1638+, IS, ID in FN, nx, mx (Palmer 12/3)
- 11755 NORTH KOREA R. Pyongyang in SP 0010-0018, QRM fr BBC & RHC, ID (Palmer 11/28)
- 11760 CUBA RHC 1645 in SP, cool Cuban mx, nx, speech (Dickson 11/22)
- 11765 SWITZERLAND SRI in EG 1330, Swiss mgr w/the 2 Bobs, f (Gray 11/24)
- 11765 WEST GERMANY DW in GM 0040, variety mx, ID at 0100 (Hankins 11/16)
- 11770 NIGERIA V of Nigeria Lagos in EG 1750-2032, mx, cmntry, nx, ID, relig pcam, (Zilmer 11/25, Alexander 11/22, Gillis 11/22)
- 11780 BRAZIL R. Nacional de Amazonia in PT 2115-2135, ID's, ads, mx, vg (Dillon 11/17)
- 11780 USSR R. Moscow in EG 0218-0400, political tlks, nx (McKellar 11/18, Hankins 12/8)
- 11785 WEST GERMANY DW in EG 1615, nx, "Panorama" re disaster in India (Alcorn 12/4)
- 11790 IRAN VOIRI 0357 AR ID, march, Qur'an, f, QRM by Yerevan Soviet FE (Wood 11/21)
- 11790 USSR R. Kiev via FE xmtr in RS 2150-2208, new freq to WCNA, mx to 2157, several test tones, then into Kiev's IS and NA, nx, //15100, 15240 (Palmer 11/8)
- 11800 USSR R. Moscow Intle in FR 0500, IS, ID, freqs, nx, //13635 (Park 11/10)
- 11805 PHILIPPINES AFPRTS relay in EG, Army-Navy football game, p (Park 12/1)
- 11810 VATICAN CITY VR in FR/EG 1542, papal speech, ID, IS, sked, Vatican nx (Park 11/25)
- 11810 JAPAN RJ in EG 2120, ID, cmntry, g (McKellar 11/21)
- 11810 ANTIGUA DW relay 0159 IS, EG ID, 0200 into SP, ID for Antigua altho WRTH lists Malta here, f, QRM Korea (Wood 11/21)
- 11810 SOUTH KOREA RK *0145 IS, into EG, gave sked for Amer svcs, nx, g (Wood 11/21)
- 11815 BRAZIL R. Brasil Central in PT 0057+, mx, ID & freqs, g (Hankins 12/1)
- 11815 NETHERLANDS ANTILLES in EG 1303-1331, Uncle Charlie's Children's Bible Hour, story "Dirty Hands" re cheating at school, ID 1329, nx, g (Enkenhus 11/10)
- 11825 WEST GERMANY R. Free Europe in EG 1750-1803, nx, features, mx, ID (Palmer 11/15)
- 11830 INDIA AIR Delhi in Tamil 0145, ID, mx, g (Wood 11/21)
- 11830 LIBERIA ELWA in FR 1739-1830 in FR, relig singing, into vern lang 1800, ID at 1830 in FR followed by nx, p (Bolland 11/12)
- 11840 CUBA R. Moscow via Havana in EG 1540-1555, "Focus on Asia", mx, (Jordan 11/12)
- 11840 USSR R. Moscow in EG 1945, Moldavian TV festival, f (Erwin 11/22)
- 11840 GABON R. Japan relay in FR 1700, ID, nx, g (Wood 11/16)
- 11855 BRAZIL R. Aparecida in PT 2234-2240, ID, accordion mx, g (Trotto 11/18)
- 11855 SAUDI ARABIA BSKSA in EG 2000-2015, ID, TC, pop mx, f-g QRM & QSB (Mayer 11/17)
- 11855 TAIWAN VOFC in EG 0115, CH mx, interview (Levison 11/11)
- 11870 SWITZERLAND SRI in EG 1315 s/on, nx, SW Merry-go-Round, //17765 (Prath 11/10)
- 11880 SPAIN REE in EG 0015, El Greco, Toledo, La Mantic mx (Hankins 11/28)
- 11885 TAIWAN VOFC in SP *2300-2345, s/on w/ID, nx, mentioned L Am, g (Mayer 1/10)
- 11895 SEYCHELLES FEBA in EG 1505, nx, "The World This Week", "All Kinds of Music", apologies for absence prior week due to power failure (Park 11/17)
- 11900 USSR R. Moscow in EG, cmntry on fears of nuclear war, ID at 1227 (Gray 11/5)
- 11900 SOUTH AFRICA RSA in EG 2100-2115, nx, ID, weekly feature, f QSB (Mayer 11/16)
- 11910 PORTUGAL RP in EG to Africa 1800-1815+, nx of Portugal, apparently they will be found here in this 1800-2100 EG/FR/PT xmsn now instead of 11915. But..who ever knows, with Lisbon? (Alcorn 11/10, Palmer 11/15)

- 11910 HUNGARY R. Budapest in EG 1700-1730, IS, ID, pgr on trade unions, g (Mayer 11/11)
- 11920 JORDAN HKBS in AR 1318-1515 in AR, drama, mx, ID 1400, nx (Swaringen 12/1)
1952 w/AR mx, occasional tlks to 2300, then nx, mx notes between each item, p
(Daly 11/17) 2300-2315 in AR, time pips, ID, mx, f (Trotto 11/18)
- 11920 PHILIPPINES VOA relay in EG 1815, "Focus" re Reagan's second term (Park 11/9)
- 11930 PHILIPPINES FEBC 1650 Tagalog nx for Filipinos abroad, 1655 rel pgr (Wood 11/16)
- 11940 CANADA RCTI in SP 0150-0200, tlk, spts pgr, ID, IS, into PT, g (Mayer 11/8)
- 11940 GABON Africa No. 1 in FR 2126-2215, soul mx (D'Angelo 11/10, McKellar 11/17)
- 11955 ANGOLA RNA in EG 1700, into Ovambo 1710, then Nama & Damara, //9535 (Wood 11/13)
- 11960 ECUADOR HCJB in SP 0255, time pips 0300, mx (Hankins 11/14)
- 11965 RWANDA DW relay in FR 1732, Afr jazz & soul mx, //9735, 15135, 17800 (Park 11/25)
- 11970 CUBA RHC in Guarani 2220-2240, mx, IS at 2247, sked, L Am mx, this is their new
afternoon and evening freq to SAM, ex 15340, exc (Palmer 11/6)
- 11985 ALBANIA R. Tirana in SP 1620-1628 in Castillian SP, ID, revolutionary mx, 1626
read xmsn times, freqs, NA "Internationale" (Palmer 11/8)
- 11995 FRANCE RFI in FR 0250, variety mx, ann in FR, //11670 (Hankins 11/14)
- 12010 USSR R. Moscow FE in EG 2130, nx, "Front Seat & Backstage", //12050 (Park 12/1)
- 12020mf VIETNAM VOV in JP 1231, local mx, //10040, QRM (Park 11/8)
- 12025 AUSTRIA ORF in EG 1500, //12015, 9650, f (Zilmer 11/24) 1645-1700* in GM, IS, ID,
classical mx tlks, closing anmts, //12015, f-p (Mayer 11/11)
- 12050 EGYPT R. Cairo in AR 2000-2030, time pips, ID, world nx, f (Dillon 11/23)
- 12085p SYRIA R. Damascus 0500-0630 in AR, no ID or sta breaks, rare DX in Spokane at
times indicated, sig peaked at 20 db over at 0600 (Palmer 11/30)
- 13665 SOUTH KOREA RK in KR 0326-0400*, test tape of pop/rock/folk/opera mx and requests
for rpts in KR/EG/SP/FR, abrupt s/off, RTTY QRM (Park 11/23)
- 15020 ECUADOR HCJB in SP 1854-1934 tk, time pips 1900, relig mx, choir mx, sermon,
apparently //15055 & 15090, HCJB ID 1930 (D'Angelo 12/2)
- 15035 USA WYFR Family Radio. This one was listed last month as "Unidentified" at 15055.
Dr. Richard Wood in Hilo reports that the nomadic perambulations of WYFR are
caused by engineer goof-ups. It has been rptd at 15025, 15035, 15055, and maybe
elsewhere. Wood says that WYFR is one of those stations using digital frequency
punch-up and the engineer often seems to punch-up the wrong digit. Wood rptd sta
in RS 1655 w/offer of free RS or EG new testament (11/16) Hardester on 12/5 and
Palmer on 11/8 rptd sta fr 2229-2300 abrupt s/off, xms in EG, distinct ID's.
- 15030 CHINA R. Beijing/CPBS 0100 horrible mixture of two programs at same time; one was
R. Beijing's SP s/on to LAm and the other was CPBS-2 w/Beijing opera (Wood 12/1)
- 15040 CLANDESTINE V. of the Libyan People in AR oratory 0600, anti-Qadaffi, jammed by
sweeper-type jammer, f (Wood 11/13) 1850-1930 in AR, ID, AR mx, faint siren
jammer in background, //11640 (Daly 12/4, Dillon 1/8)
- 15060 SAUDI ARABIA BSKSA in Bambara 1830, Islamic tlk, a few FR words, g (Wood 11/21)
- 15073 CLANDESTINE Secret Mountain Laboratory 2011-2032 in EG, nuclear parody "Situation
Room" and some Irish folk mx (Forsgren 11/3)
- 15083v SAUDI ARABIA BSKSA in lang 1225-1320, tlks, anmts, freqs, many mentions of Iraq
and Iran, lite orch mx. May be trying to QRM Iran by moving around 15084 - see
LN, pg 29, November 84 FRENEX (Jordan 11/8)
- 15084 IRAN VOIRI in FR 0630, nx, new lang for this freq, g (Wood 11/18)
- 15100 CLANDESTINE V. of Laryngitis in EG *1903-1953*, ID, rock mx, parodies (Cobb 12/2)
- 15100 EAST GERMANY RBI in EG 1615, audio listeners club, mx, Afr svc (Alcorn 11/11)
- 15100 USSR R. Kiev in EG 0030, cntry abt death of member of Cent Comm (Parks 11/24)
- 15105 ASCENSION ISLAND BBC relay in FR *1815-1845, nx, tlks, ID, IS (Dillon 11/18,
Trotto 11/23) also 1903 in EG, drama in EG/FR, into Hausa 1915 (Palmer 11/10)
- 15105 WEST GERMANY DW in GM 2356, USA pop tunes, f (Hankins 11/14)
- 15110 CZECHOSLOVAKIA R. Prague fanfare trumpets IS 1457, *1500 in CZ (Hankins 11/19)
- 15110 USSR R. Moscow in PT/RS 0358+, PT sked, RM IS into Mayak IS, pips, nx (Park 11/21)
- 15115 GUAM KTIWR in Mandarin 2300, "Chariots of Fire" theme, ID, //15265 (Park 11/26)
- 15120 SOUTH AFRICA RSA in EG 2100, listener's mailbag (Hankins 11/15)
- 15120 NIGERIA VON in EG 1435, Afr & wld nx, ID, cntry, xmtr hum (Park 12/1)
- 15135 WEST GERMANY DW Afr Svc in EG 1527, political cntry (Hankins 11/19)
- 15145 USA WINB Red Lion, Pa. in EG/SP 0112-0130, hymns, organ mx (Hankins 12/10)
- 15160 ECUADOR HCJB in SP 1617-2000 varied pgring (Park 12/3, Sharpe 11/30, Hankins)
- 15165 NORWAY RNI in NO 1645* after requesting reports, g (Wood 11/20)
- 15180 CHINA R. Beijing 0115 boring SP tlk, g (Wood 11/10)
- 15185 SOUTH AFRICA RSA in PT 1930-1947, ID's, px preview, rock mx, g (Dillon 11/17)
- 15190 BRAZIL R. Inconfidencia in PT 0030-0037, promos, ads, ID, freqs (Palmer 11/11)
- 15190 CONGO R. Brazzaville in FR/EG 1905+, local mx, cntry, FR mx, p (Daly 12/4)
- 15200 CHINA R. Beijing in SP *0100-0155* to LAm, ID, nx, //15030, 15180, 17650 (Wood)
- 15200 GABON Africa No. 1 in FR 1620-1635, panel disc, mx, ID 1630, g (Dillon 11/17)
- 15210 JAPAN R. Japan in EG 2300, nx, current topics, //15235, 17755, f (Zilmer 11/24)
- 15210 PHILIPPINES VOA relay in EG 0145, political cntry, QRM Greenville (Park 11/12)

15225 TAIWAN WOFC in CH *0000, IS, ID, tlc, mx, f (Zilmer 11/27)

15225 SAIPAN KFBS in lang 2330, ID in EG 2359 w/QL info, relig mx, f (Zilmer 11/26)

15225 PHILIPPINES FEBC in various SE Asian langs 2200-2400*, This freq seems to replace 9715 for the D-84 period, children singing bible songs in native langs, adult relig messages, QRM from Taipei at times (Palmer 11/24)

15230 NORTH KOREA 2335-0010 in EG, propaganda blaming "U.S. imperialists" for latest incident at Panmunjon, classical mx, ID (Trotto 11/11, Palmer 11/27)

15240 USSR R. Kiev via Khabarovsk in EG 0030, holiday pgm for 67th anniv of revolution, QRM from HCJB on 15250, p (Park 11/6)

15240 USSR R. Vilnius Lithuania in EG 2309-2330*, ID, folk mx, features, f (Trotto 12/4)

15245 ZAIRE LV du Zaire in FR/SH 1852-2030, ID's 1937 & 1950, lots of tlc and mention of Zaire, drums & crowd noises (Tutak 11/24, Plum 11/10, Levison 11/6, Forsgren)

15250 ECUADOR HCJB in EG 0105, gospel messages (Hankins 12/10)
also in PT 2330-2335, ID in EG, TC, exc (Trotto 12/4)

15260 ASCENSION ISLAND BBC relay 2009-2200 in EG, world nx (Karns 11/9, Hankins 11/18)

15270 BRAZIL R. Bras in PT 2105-2126+, Lam rhythms, nx (Hankins 12/6, Levison 11/2)

15270 TAIWAN WOFC in CH 0032-0040, orch version of "C'est si bon" w/voice-overs by YL, continued w/variety of hokey mx in short segments, g (Palmer 11/28)

15290 BRAZIL R. Nacional de Brazil in EG 1800-0258, listener's mailbag, local mx, ID's, Features (Richards 11/18, McKellar 11/12, Jackson 11/20, Hankins 11/23)

15305 NORWAY RN in EG 1405-1430, nx abt Norway, ID, into NO 1430, f (Cobb 11/25)

15310 SINGAPORE BBC relay, 1700 EG World Service, nx, f (Wood 11/16)

15310 OMAN BBC relay in EG 1500, "Radio Newsreel", classical mx, f/o 1545 (Pate 12/2)

15315 LIBERIA VOA relay in FR *1830-1900, ID, world nx, g (Trotto 11/23)

15320 AUSTRALIA RA in EG 0300-0545+, nx, features, "Australia Today", talkback pgms, (Dickson 11/28, Trotto 11/19, Swaringen 11/11)

15345 ARGENTINA RAE in EG/SP 0050-0237+, ID's, nx, cmntry, Uruguay election results, (Levison 11/14, Hankins 12/10, Dickson 11/24, Alcorn 11/26)

15360nf INDIA AIR in AR *0430-0500*, ID, call to prayer, nx, g (Wood 11/26)

15375nf USA WYFR Family Radio in EG 1923-1928, //15215, 15365. Use of 15365 and 15375 with power sigs ruins any chance to hear anything on 15370 (Palmer 11/10)

15375 SOUTH KOREA RK in EG 2200, ID, nx cmntry 2215, not //15575, g (Wood 11/10)

15380 ROMANIA R. Bucharest in EG 0545, "Youth Beat", rock mx, g (Wood 11/13)

15400 FINLAND RF in FN 1340+, ID at 1354, s/off by OM, f w/slight fade (Gray 11/10)

15410 ANTIGUA DW relay in GM 2158, ID in EG (Hankins 12/9)

15415 LIBYA SPLAJBC in AR 1720-1735, political tlc, AR mx, //9890 (Dillon 11/23)

15435 SINGAPORE BBC relay in EG 2335, BBC Top 20, TC, nx (Park 11/7)

15440 USA WYFR Family Radio in EG 1754, slow speed bible reading, //15566 (Park 12/3)

15445 EAST GERMANY RBI in EG 1556, SE Asia Svc (O'Brien 11/9) ED: WRTH lists 15450?

15450 EAST GERMANY RBI in EG 1946, pop mx, nx, ID (Hankins 12/9)

15450 PHILIPPINES FEBC in EG 2300-2340, "Good Morning Program", hymns, nx (Sharpe 12/2)

15455 USSR R. Moscow in EG 0007, features (Park 11/29) 1245-1300 in EG, pop mx, ID, world nx, //15475, vg (Dillon 11/17)

15470 USSR R. Moscow in EG 1732, mx, cmntry on tourist attractions (Hankins 12/8)

15550 USSR R. Moscow in lang 1400, tlc, mx after IS & ID, f-g (Zilmer 11/25)

15555 CLANDESTINE Egypt? R. Vatan in Farsi 0450, attack on Khomeini regime, 0500 into FA pop mx, g (Wood 11/26)

15575 SOUTH KOREA RK in PT 0031, sked, ID "R. Coree", pgm preview, nx (Park 11/16)

15585 SWITZERLAND SRI in EG 1330-1345*, "To Your Health", f (Zilmer 12/2)

17565 GREECE VOG in EG 1540-1549, nx, //15630 (Zilmer 11/29)

17575 MADAGASCAR R. Netherlands relay in IN 1002, pop mx (Park 12/4)

17605 CHINA CPBS 1 in CH 0008, EG lang lessons (Park 11/26)

17605 NETHERLANDS via Flevo xmtr Asian svc in EG 1503-1520*, Sw tech tlks, pop mx, ID f-p (Jordan 11/10) 2100 in EG to Africa, mx, cmntry, g (Blanchette 11/2)

17610 BELGIUM BRT in EG 1413-1445*, pop mx, mailbag, ID, features (Cobb 11/21, Parks 11/23, Levison 11/7)

17660 SPAIN RNE in SP 1535, tlc, mx, ID in SP 1540 (Hankins 12/7)

17717 COLOMBIA R. Nacional in SP 1949, symphonic mx (Levison 11/4)

17730 USA WINB Red Lion, Pa. in EG 1920-1930, relig sermon, g (McKellar 11/5)

17755 SURINAM R. Surinam Intern'l by Brasilia in DT/EG *1730-1815*, musical IS, ID's, nx in both langs, "actualities", Euro pop mx, s/off w/choral sel (Jordan 11/23)

17765 MEXICO R. Mexico in SP *2000, s/on w/NA & tlc, no //s found (Alexander 11/23)

17795 AUSTRALIA RA in EG 0230-0240, ID, pop rock mx, tlc, p (Trotto 11/24)

17810 USSR R. Moscow in EG 1400-1418, ID, nx, cmntry (Levison 11/10, Prath 11/10)

17845 USA WYFR Family Radio in EG 2016, bible reading, heavy buzzing QRM (Park 11/24)

17850 KUWAIT RK in AR 0500, ID, fanfare, nx, //21545, g (Wood 11/26)

17860 SWEDEN R. Sweden in EG 1405, report on NATO arms in Europe (Parks 11/24)

17870 LIBERIA VOA relay in EG 1910-1930, ID, "Voices of Africa", f (Mayer 11/17)

- 17890 ECUADOR HCJB in EG 1410, gospel mx and spiritual message (Parks 11/30) also 1845 in SP, classical mx, off 1855 w/c ID, on again 1858 (Hankins 11/14)
- 17940 CLANDESTINE V of the Sudanese Pop Revolution (Libya) in AR 1617-1654, Sudanese mx, ID 1629, anti-Sudan talk (Dillon 11/10)
- 18060 UNITED KINGDOM BBC in Somali 1430, Afr Svc, ann in EG before lang (O'Brien 12/1)
- 20431 CUBA RHC in SP 1729, //11760, ID, very weak, doesn't work out for a spur or harmonic (Sams 12/1) ED: Anyone else hear this?
- 21455 UNIDENTIFIED tune in 1551 w/Turkish sounding mx, M annrc in unknown lang, s/off 1600 (Hankins 12/7) ED: This is probably Radio Free Europe in its Azerbaijdzhan Service per WRDH.
- 21470 UNITED KINGDOM BBCWS in EG 1428, svc to E Afr, dramatic reading (Hankins 12/8)
- 21470 USA VOA Bethany in W Afr Svc 1800-1810 in Hausa, EG ID, IS, f (Mayer 11/22)
- 21477 ECUADOR HCJB in EG 1940, gospel dissertation, holiday greetings (Hankins 12/9) also in GM/EG 1653-1710, ID in EG, TC & freqs, nx, "Passport" (Ocura 11/29)
- 21485 USA VOA Bethany to W Afr, 1621 in EG, world nx (Hankins 12/9)
- 21510 USA WYFR Family Radio 1620 in EG, gospel messages & hymns (Hankins 12/9)
- 21540 EAST GERMANY RBI in EG 1240, tlk about E. German youth and thanks to SE Asian listeners for reception reports (Prath 11/11)
- 21580 FRANCE RFI in FR 1453, all FR pgm (Hankins 12/8)
- 21645 FRANCE RFI in FR 1543, variety mx pgm, //21580 (Hankins 12/7)
- 21665 UNIDENTIFIED Station ID'd as R. Mundial at 1524, Slavic type lang (Polish?) nx 1525, gong at 1600, mentioned "Polska" at 1630, also Trans-Mundial studios, brief hymn (Hankins 12/7) ED: Another WYFR or R. Free Europe?
- 21700 UNITED ARAB EMIRATES R. Dubai in AR 0500, ID, fanfare, nx, //17830 (Wood 11/26)
- 21710 UNITED KINGDOM BBCWS 1540-1630 in EG, tlk on submarines w/interviews, ID, nx, classical mx, //21660 (Hankins 12/9, Mayer 11/11)
- 21710 USA VOA Greenville UN pgm fr New York 1835 in EG, into AR 1845 (Hankins 11/14)

 375 loggings received this month and 2/3 of them are listed above. The rest were reported in the December issue of FRENEX. The two issues together make a respectable update for the higher frequencies. Happy 1985 to all members!

Some of you may be interested in keeping a frequency register similar to the one I began in 1963 to supplement my regular log book. During the past 21 years, I have recorded 3,758 different stations (a station is counted for each different frequency it occupies) in a 3-ring notebook filled with plain engineering graph paper (4 squares to the inch to allow enough space in which to write). Here are the particulars:

1. Divide the book into main sections as follows with locator tabs: 2000, 5000, 6000, 7000, 9000, 11000, 15000, 17000, 21000, 25000.
2. Rule the pages with 2 vertical lines (first one indented 6 squares, the second indented 17 squares) thereby providing space for frequency, location, and month/hour of reception.
3. A typical entry would be as follows:

9.373v Jerusalem, Israel 205/2045 217/1500

The number 205 means that I recorded the station for the first time in the 205th month since I began maintaining the register. The 2045 means that I logged it at 8:45 pm local time (some might prefer to use GMT, however). The second number shows that the station was logged 12 months later (month 217) at 3:00 pm. I do not repeat postings to the register for re-loggings more often than 6 months even though I may have received the station on a particular frequency again during the 6 month interval.

This type of register provides a very useful type of reference (in my case going back more than 20 years) and shows clearly when stations move back to old frequencies. It is also very useful during regular DX'ing endeavors when you are trying to ID a new station.

A final point. When setting up the various pages in the register, it is important to leave plenty of blank lines for each frequency (say 8-10 unless it is in a sparsely used spectrum) so that the listings will be in proper order. For example, I have 21 stations registered at 11740 and 8 at 11745. There should be at least 6-8 blank lines in such a crowded area unless you are fond of copying data over.

LOG **FRENDX** REPORTERS

John M. Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA 01545

Sam ALCORN, Maplewood, NJ (DX200, ICF6500W); Brian ALEXANDER, Mechanicsburg, PA; Marion BLANCHETTE, Thonotosassa, FL (R600, DX100); Norman BOBB, Minneapolis, MN (R600, Cr2021); Charles BOLLAND, Lake Worth, FL (R70); James CLIFFORD, Westminster, CA (RFG7, ICF5900W); Ken COBB, Portland, ME (ICR70; CR2021); Vladimir CUCURA, Reading, PA (R7, FRG7); Richard D'ANGELO, Wyomissing, PA (R70); Thomas DALY, Pomona, NY (FRG7700, CR2021); Richard DICKSON, Goshen, OH (DX302); Barbara Ann DILL, St. Marys, PA (RF2200); Peter DILLON, Washington, DC (Zenith 300, DX400); Kurt ENKENHAUS, Silver Spring, MD (NRD515); Joe ERWIN, Arlington, VA (SPR4, ICF6800W); Marlin FIELD, Hillsdale, MI (SX100, SPR4); Ray FORSGREN, Chippewa Falls, WI (FRG7000); Karl FORTH, Chicago, IL (HQ160, R70); Neal GILLIS, Reading, MA (R70); J. Speed GRAY, Grand Rapids, MI (NRD515, R71A); Arthur HANKINS, Greensburg, PA (R1000); Mike HARDESTER, Littleton, CO (R1000, FRG7000); Michael HAWK, Hampton, VA (ICF6800W); Bill HOHNSTEIN, Waverly, NE (SB300); Billy HUNT, Durham, NC (NRD515, R70); Steve JACKSON, Monroeville, IN (SW7800); Brian JONES, Houston, TX (R70); Rufus JORDAN, Pittsburgh, PA (DX302); Sherman KARNs, Oklahoma City, OK (DX400); John Kociela, Tonawanda, NY; Tom LASKOWSKI, South Bend, IN (ICF2001); Steven LARE, Holland, MI (R7, FRG7700); Harold LEVINSON, Philadelphia, PA (R70); Jerry LINEBACK, Conroe, TX (R7); Bob MCCURDY, Camp Hill, PA (RF2900); John MCKELLAR, Chico, CA (DX160); Travis MCLEMORE, Clearwater, FL (FRG7); William MAYER, Allentown, PA (TS4305); Thomas MITCHELL, Port Angeles, WA (FRG7); Andy O'BRIEN, Chantilly, PA (R2000); Robert PALMER, Spokane, WA (R71A); Nick PAPPAS, Orlando, FL (SPR4); Charles PARKS, Houston, TX (RF3100, ICF2002); Sheryl PASZKIEWICZ, Manitowoc, WI (DX400, DX302); J. Gary PATE, Baltimore, MD (R70); Dale PARK, Honolulu, HI (ICF6700W); Clayton Pfeiffer, Grandville, MI; Bill PLUM, Flemington, NJ (RFG7700); John PRATH, Ft. Lauderdale, FL (R71A, FRG7700); Stewart REED, Baton Rouge, LA (R70); Steve REINSTEIN, Mirimar, FL (R70); Dennis RICHARDS, New Haven, CT; Christos RIGAS, Chicago, IL (R2000); Mitch SAMS, Wichita, KS (FRG7); Bryan SHARPE, Castro Valley, CA (DX302); Nolan STEPHANY, Williamson, NY (R392); David SWARINGEN, Huntersville, NC (R70); Ron TROTTO, St. Cloud, FL (CR2021); Pete TUTAK, Jersey City, NJ (R70, HQ180A); George VADINO, Bellevue, WA (RF4800); Dave VALKO, Dunlo, PA (R388, FRG7); Eric WITZIG, Annandale, VA (R1000); Dr. Richard WOOD, Hilo, HI (R1000); Robert ZILMER, Rio Rancho, NM (R1000).....

Muriel (Mrs. Kap) and I wish to thank everyone for the Holiday Greetings. All were most welcome and appreciated and we only wish that we could have acknowledged each one individually.

It was not thanks to the U.S.P.S. Express Mail Service that the Contributors list appeared last month. The package was mailed here on Friday before noon and was not delivered to HQ until the following Monday. Next day service, indeed. I got my money back from the PO, but only after filling out what reminded me of an IRS 1040 Long Form. Thanks to Publisher Bill Oliver for holding a page open until the last possible minute.

*** AWARDS NEWS ***

Not much this month. We did not mail Certificates between December 10th and 27th to avoid them being damaged during the Holiday Rush. By the time you read this all will be done. We're still looking for ideas for new ones, so all suggestions are welcome. We had hoped to announce some new ones this time around, but no such luck, so we'll aim for next month.

HAP DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any five(5) for \$1.00. If your order is more than \$5.00 you may select any seven(7) per \$1.00: KVRN, BBC Radio 2, Radio Highlands, WCCC, NNRC, CKKR, KLUE, KKYN, KBUY, KGNC, KDJW, KELP, KCRS, KPSO (green) (white), KEAN, KCMC, KKYN, KGRI, KRIO, KNIN (large) (small), KRBE, KIYJ, KQCA, KACO, KSFA, KIXY (large) (small), WABD, KKQV (large) (small), BBC-WS, Radio Budapest (red) (blue) (small), KVLU, WBEN, 1ZB, Radio Break, CJOB, KTAM, Radio Kuwait, CHNC, WCAU (large) (small), KKNX, WWSW, Capital Milano, KETX, KTKN, RTE Radio 2, CJWW, CHAB, KHUN (large) (small), KITX, KJCH, KOGT, KDVE, KQTT, WGY, CKND, CJME, CKOM (large) (small), RMT-FM, Canale-5, Telemor-83, Sea Gull Radio, CFUN, KGB, RNE, Polskie Radio (large) (small), City-TV, RBI (blue) (white), 4XD, Radio Caroline (black) (white), Radio El Mundo, 2CH, KAIM, Radio West, RFI (red) (blue) (large) (cir), Radio 270, WQFM, WNVR, KDKD, Radio Superstar, Telecom-Geneve, DC-101, BBC Radio 1, Radio Newcastle, KWR, KBOI (large) (small), CFMO, KBBX, WDAE, WMR, Radio Bristol, Radio Rhema, KOME, KPNM, Radio Forth, CFRA (red) (orange), WPLJ, KPLU, WRIF, WDR (rock) (TV), Radio Orkney, Radio Shetlands (blue) (white), Radio Freedom, Radio Kelly, WIBV, Radio 210 (large) (small), KROY (large) (white), KWWR, WMMS, WEMP, disco-99, MTV, ANARC (large) (small), and 97-rock.

HAP BID ITEMS: ITEM #280: KKDA metal badge (1"cir) red, B&W. #281: KIXZ decal (4x8.5") m/c-very beautiful! #282: RAE (Argentina) QSL card (4x6") blue, B&W. #283: KOGO sticker (4x12") red, B&W. #284: KNAF "Dallas Cowboys" sticker (4x4") blue, white, silver. #285: KFAN "Dallas Cowboys" sticker (4x4") blue, white, silver. #286: KROY T-Shirt (S)m/c-nice! #287: Radio Quito (Ecuador) sticker/pennant (2x4.5") red, white, blue. #288: Radio Korea-1984 cloth pennant (4x8") m/c-sharp! #289: NHK (Japan) sticker (3x4.5") m/c-beautiful! #290: CKCK sticker (3x11") red, B&W. #291: BRT plastic paper holder (3x6") m/c. #292: Radio Espana de Barcelona cloth pennant (6x8") m/c-good looking! #293: Radio Cacique de Sorocaba (Brasil) poster, m/c-nice! #294: Radio Cacique de Sorocaba station ID card (2.5x4") m/c. #295: Radio Ilirida (Spain) sticker (2x7") red, B&W. #296: 98-Rock large wall poster, m/c. #297: Mercia Sound (UK) T-Shirt (S-M) red, white. #298: Radio Mineira (Chile) cloth pennant (2x4.5") m/c-beautiful! #299: Radio Mineira decal (3x3") m/c. following #s 300-312 are DX club bulletins. #300: RIB-1981 complete. #301: RIB-1982 complete. #302: RIB-1983 complete. #303: FRENDX-1979 complete. #304: FRENDX-1981 complete. #305: FRENDX-1977 complete. #306: VHF-UHF Digest 1973 complete. #307: VHF-UHF Digest 1974 complete. #308: VHF-UHF Digest 1975 complete. #309: VHF-UHF Digest 1977 complete. #310: NNRC 1979 7 different issues. #311: SPEEDX-1978 complete. #312: RCMA-1982 complete. #313: TWR (Bonaire) 1970 First Day Cover w/ stamp and cachet, m/c-beautiful! #314: KCRS "Dallas Cowboys" reflective sticker (3.5x4.5") blue, white, silver. #315: KPET (same as 314). #316: KPYN (same as 314). #317: KGNC (same as 314). #318: KLCR (same as 314). #319: KLSR Lone Star Radio sticker (4x7") blue, white. #320: KPRE sticker (3x11") blue, white. #321: KELP sticker (3x8") m/c-stunning! #322: KPSO "Houston Oilers" sticker (3x9") red, white, blue. #323: KTON decal (5x7") m/c. #324: KNOK sticker (3.5x11") m/c. #325: KTBC sticker (3x11.5") red, white. #326: KKYX sticker (3.5x9") m/c-beautiful! #327: KXYL sticker (3x12") red, black. #328: KCCF "Pepper" decal (3x6") green, white. #329: KNIN metal badge (2"cir) silver, black. #330: KZRQ sticker (3x12") m/c. #331: CKUA "Access" plastic tote bag (14x20") m/c-nice! #332: KPPT program guide magazine, B&W. #333: WLML cloth hat-extremely colorful and very nicely designed!! #334: KAIM (Hawaii) sticker (4x7.5") blue, white. #335: NZZO metal license plate (6x12") m/c. #336: WYFR sticker (4x6") yellow, B&W. #337: Radio Tropical (Venezuela) cloth pennant (3x6") m/c-rare! #338: CKCK large "Big 500 Hits" poster, B&W. #339: CKY Radio Winniepeg sticker (5x10.5") red, white, blue. #340: WOMC metal badge (3"cir) red, B&W. #341: WSM metal badge (1.5"cir) red, white, blue. #342: KATT metal badge (1"cir) m/c-beautiful! #343: Beacon Radio (UK) metal badge (1.5"cir) red, white, blue. #344: RBI (DDR) plastic badge (2x2") m/c. #345: Voice of Asia (Taiwan) pin (1"cir) m/c-beautiful! #346: JOFF (Japan-Okinawa) sticker (1x4") m/c-rare! #347: RBI (DDR) large 1984 cloth calendar-very colorful! #348: AWR Radio cloth pennant (3.5x7.5") blue, white, gray. #349: KCEI paper pennant (5.5x9") blue, yellow, gold. #350: KTRH "Houston Oilers" sticker (3.5x5") red, white, blue. #351: Radio Polonia sticker (2.5"cir) red, B&W. #352: Radio Polonia reflective sticker (2.5x2.5") m/c. #353: Voice of America sticker (3"cir) red, white, blue-rare! #354: Voice of Tomorrow QSL card (3x5") B&W. #355: Radio Polonia QSL card (4x6") m/c. #356: Radio Hauraki reflective sticker (5x8") m/c-a real beauty!! #357: Radio Vatican First Day Cover with stamp and cachet (4x7") m/c-very nice! #358: CFAM station pen, blue, white. #359: 6WF (Australia) cloth shoulder patch (2x3") blue, white, orange. #360: Radio Habana Cuba plastic covered, double sided cloth pennant (4x7") red, purple-nice! #361: Deutsche Welle sticker (4x4") m/c-new style. #362: 4GG (Australia) boat safety sticker (7"cir) m/c. #363: KATT decal (4.5x6") m/c. #364: KNUI (Hawaii) sticker (4x7.5") red, white. #365: Deutsche Welle sticker in Spanish (4x4") m/c-new style. #366: KLVI sticker (3.5x12") red, white, green. #367: KBUK sticker (3x11.5") tan, brown. #368: WNOR sticker (3x11") red, black, yellow. #369: KTRM "Dallas Cowboys" reflective sticker (4x4") blue, white, silver. #370: REE (Spain) cloth pennant (4.5x8") m/c-nice! #371: Radio Budapest cloth pennant (4x6") m/c. #372: ORF (Austria) sticker in Spanish (4x5.5") red, B&W. #373: CBC (Canada) mini-bronze station pin (logo type) very nice! #374: RBI (DDR) stick pin, blue. #375: Red Rose Radio (UK) decal (5x5") red, B&W. #376: ORF (Austria) mini-station pin, red, white. #377: KLVJ pot holder (for pans and such) (6x6") m/c-useful!!

ADDRESS: Send your bids and orders for direct sale items to Sam Barto, 47 Prospect Place, Bristol, CT. USA 06010. Overseas customers - please try to send a little extra to cover the very high postage costs. It would be very much appreciated...Sam.

NORTH AMERICAN SHORTWAVE ASSOCIATION
45 Wildflower Road
Levittown, Pennsylvania 19057

FIRST-CLASS MAIL
U.S. POSTAGE
PAID
Levittown, Pa.
Permit No. 319

FIRST CLASS MAIL

NASWA "UNITY AND FRIENDSHIP"

PUBLISHES FRENDEX MONTHLY

NASWA MEMBERSHIP FEES

First Class North America..... \$16
Overseas, Surface Mail..... \$16
Airmail to Central America, Caribbean, South America, Europe..... \$25
Airmail to Asia, Africa, Pacific..... \$28

All remittances must be in U.S. funds and mailed to NASWA,
45 Wildflower Road, Levittown, PA. 19057

Update: Besides FRENDEX, NASWA also publishes UPDATE..... a mid month newsletter with the very latest DX news while it's still news. (UPDATE also appears in each issue of FRENDEX) It is only available to NASWA members.

"UPDATE" SUBSCRIPTION RATES PER YEAR:

North America (First Class)..... \$4.00
Overseas (Airmail)..... \$6.00
Sample copies of FRENDEX and UPDATE are available for \$1.00 in N.A.
Overseas..... \$2.00

EXECUTIVE DIRECTOR & PUBLISHER Bill Oliver, 45 Wildflower Road, Levittown, PA 19057

SHORTWAVE CENTER - John C. Herkimer, 3233 East Ave., Caledonia, NY 14423
LISTENERS' NOTEBOOK - Glenn Hauser, Box 490756, Ft. Lauderdale, FL 33349

OSL REPORT - Sam Barto, 47 Prospect Place, Bristol, CT. 06010

UPDATE EDITOR - Tom Alleman 636 E. 74th Terrace, Kansas City, MO. 64131

DISTRIBUTING EDITOR - John M. Kapinos, 86 South Quinsigamond Avenue, Shrewsbury, MA 01545

LOG REPORT (A) - Mike Nikulich, 2137 W. Farwell Ave., Chicago, IL. 60645

LOG REPORT (B) - Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173

LOG REPORT (C) - David L. Walcutt, 211 West 56th, Apt. 36 F, New York, NY 10019

LOG REPORT (D) - Wallace C. Treibal, 357 N.E. 149 St., Seattle, WA 98155

SCOREBOARD - Jerry Lineback, 115 Wroxtton, Conroe, TX 77304

AWARDS CHAIRMAN - John M. Kapinos, 86 S. Quinsigamond Ave. Shrewsbury, MA 01545.

COUNTRY LIST CHAIRMAN - Don Jensen, 5204 70th St., Kenosha, WI 53140

U. K. REPRESENTATIVE - Alan Thompson, 16 Ena Ave., Neath, W. Glamorgan,
Great Britain, SA 113AD

