

# FRENDX

REPUBLICA ARGENTINA

**IRA 36**  
RADIO NACIONAL

"ARCANGEL SAN GABRIEL"

UBICACION GEOGRAFICA  
Let 66° 21' Sur  
Long 58° 19' Oeste  
FRECUENCIA 16.470  
Apartado Postal 811  
Duenos Aires

CONFIRMO SUS DATOS  
DE FECHA: 21 de octubre 81

MUCHAS GRACIAS

JOSE BILBAO BICHTER  
FRENTE 1070011  
CALLE 1070011




AFAN MCMURDO  
NAVSUPFORANTARCTICA  
FPO, SAN FRANCISCO, CA 96601

WELCOME TO THE CLUB:  
YOU ARE ONE OF THE FEW INDIVIDUALS WHO HAVE HEARD THE AMERICAN FORCES RADIO STATION IN ANTARCTICA. AFAN BROADCASTS 24 HOURS PER DAY FROM 77° 51' SOUTH 166° 39' EAST. AFAN SERVES THE MILITARY AND CIVILIAN PEOPLE WORKING WITH THE UNITED STATES ANTARCTIC PROGRAM. LISTEN AGAIN.



We welcome 43 new and returning NASWA members who have joined the ranks since our last listing which appeared in the July issue of FRENDX. We hope they will find their new association to be helpful.

BLACK, Chris, Denver, CO	MILLER, Richard H., Jr., Haleiwa, HI
BRESLOW, Morton, Philadelphia, PA	NAKANO, Takeshi, Shibata, Japan
CUTHILL, Robert, Toronto, Ont.	NORFOLK, John, Oklahoma City, OK
DAVIDSON, James, Stratford, Ont.	PELLICCIARI, Steve, Norwalk, CT
DeLORENZO, Marc, Sudbury, MA	PETERS, Barry, Harleysville, PA
ENKENHUS, Kurt R., Silver Spring, MD	POTTER, Michael, St. Petersburg, FL **
FLOYD, Joe, Florence, AL	REILLY, Philip M., Rochester, MN
FORSGREN, Ray, Chippewa Falls, WI	ROSENBAUM, Jon L., Irvine, CA
FORTSON, Richard, St. Louis, MO	RYDER, Mary E., Maywood, NJ
FRITTS, Raymond, St. Marys, WV	SMITH, Douglas, Portsmouth, VA
GAFFIN, Josh, New York, NY	STRAUSS, Philip B., West Chester, PA
GREENWOOD, Samuel J., N. Vancouver, BC	STROM, Kevin A., Annandale, VA
GREGG, James M., Jamaica, NY	STUTTERHEIM, M.J., Roosevelt Island, NY
HALE, R. Bruce, Goffstown, NH	THOMSON, Bob, Mobile, AL
HARRIS, Richard, Reseda, CA	WALLENDAR, John A., Chicago, IL
HARTMAN, James, Highland, IN	WATSON, Grayson B., Winnfield, LA **
HASHIMOTO, Kenji, Yokohama, Japan	WESTPHAL, Michael R., Alden, NY
KEEVER, Carl, Katy, TX	WILLIAMS, Dr. Harry S., Willowdale, Ont.
KRZEMIEN, Rick, Carol Stream, IL **	
LANGENECKERT Fred G., St. Louis, MO **	** Welcome back to NASWA after a brief absence!!!
LAURO, Michael A., Hanover, PA	The next listing will appear in the November issue of FRENDX.
LEWCZUK, Mitch, Chicago, IL	
McLEMORE, Travis D., Clearwater, FL	
MAYVILLE, Arthur E., Beech Grove, IN	
MELLON, William G., Fork Union, VA	

**A REMINDER:** Since we have a little space left this time, may we take this opportunity to ask renewing members to be sure to return the Post Card renewal notice which is sent about two months prior to a members expiration date.

This card immediately signals us that you are a current or recent member and tells us when your expiration occurs, so we are then able to process the renewal immediately and without question.

If the card is not enclosed, we have to search back through past months expirations until we can find the member's file card. If we have trouble in locating the card, the renewal processing is delayed until we eventually can find it. In the event you loose the card we send, then a mere mention of your expiration month will be as helpful. The number to the right of your name on the address label is the expiration month.

Both our Publisher and Business Manager will appreciate membership assistance in making our work a little easier.

### THE COVER

This month's cover is another nice design by SWC editor John Herkimer. Any member with an idea for a FRENDX cover is invited to submit it to NASWA Headquarters. If it's used, a suitable prize will be given. Designs should be the same size as the present cover without the FRENDX heading.

### NEW LOG REPORT "C" EDITOR

We're sorry about the missing LR-C column in last month's issue. It was mailed from Hawaii but never arrived. Since John T. Arthur will be permanently located in Hawaii, the column will be edited by Dave Walcutt, 211 West 56th, Apt. 36-F, New York, NY 10019. Dave is no stranger to FRENDX. He has done Log Report columns in the past and also served a term as Distributing Editor. Welcome back, Dave.

### STOLEN EQUIPMENT NOTICE

Mike Hardester reports that his home was burglarized while he was on emergency leave and the following equipment was stolen: Yaesu FRG-7, serial 6 M 082526; Kenwood R-1000, serial 0070145; Drake SPR-4, serial 1734; Bearcat 300 scanner, serial 31058; JCV Model 3060 TV/radio/cassette, serial 12362403; Sony reel-to-reel mono recorder Model TC-106A, serial 28883. IN addition to the serial numbers, John's Social Security number, 559 80 7072, is on some of the items. Should you learn the whereabouts of any of this equipment, please contact John at MWHS-2 Medical, (SC-16), NCAS Cherry Point, NC 28533. Thanks.

### ATTENTION SX-190 OWNERS

If you are interested in tuning out-of-band signals by the VFO Harmonic Technique as described in Procedure XV of Ed Shaw's SX-190 Manual for Technician Owners, send an SASE for a sheet of conversion scales to Jeff Berryman, 42 Pondfield Road West, Bronxville, NY 10708

**FOR SALE: BOONTON RADIO "Q" METER:** Laboratory grade test instrument used for winding/measuring/testing the "Q" of antenna circuits, LF coils, toroids, pot cores, etc. Good shape, but needs new AC Line cord - \$90.00.

**MECHANICAL FILTERS:** Collins plug-in units for the 51J-4 receiver.

Have one of each 6.0 kHz, 3.1 kHz, and 1.4 kHz bandwidths. New, boxed - \$70.00 each.

**VACUUM TUBES:** A pair (2) type 6082WA Voltage Regulators used in the Collins LF receiver R-389 URR and the Collins R-390. New, boxed, unused. Last distributor price was \$15.00 each, price here \$25.00 for the pair.

**LITZ WIRE:** Two, 5 3/4 pound spools; new, full spools, unwrapped manufacturer's seal. Litz wire is modern type with nylon covering and appears to be size equal to #24 wire. Estimated each 5 3/4 pound spool has between 1,200 to 1,500 feet of litz wire - \$40.00 each.

**METER:** Line Level Meter for Collins R-389 URR LF receiver or R-390, R-390A receiver - \$25.00.

**TECH MANUAL:** TM 0967-063-2010, Op/maintenance manual R-390/URR in binder with parts lists and circuit changes (original - not xerox copy - \$20.00).

**MILITARY COAX CONNECTORS:** Type UG-421 and UG-422. These are the almost impossible to find antenna connectors on the rear of the R-389, R-390 and R-390A receivers. Have three (3) mating pairs, new in sealed distributor packages. Distributor cost when can be located is \$13.00 for one and \$15.00 for the other. Sold here as a pair - \$25.00.

**R-390A/URR RECEIVER PARTS:** Have replacement/spare parts as briefly noted here - Audio subchassis, AC Line Filters, power supplies, BFO PTO, complete slug racks (with slugs - none broken), I-F transformers, BFO expansion coupler, front panels, meters, crystals, crystal oscillator plug-in, gears, oldham couplers and other miscellaneous parts too numerous to list here. Send SASE with inquiry for parts you require.

**HAMMARLUND HQ-180 and HQ-180A PARTS:** Hammarlund 24-hour telechron clock, new, boxed, unused. - \$30.00. Another Hammarlund 24-hour clock/timer, but this one is used - \$17.00. Hammarlund S-meter for either the model HQ-160, HQ-145 or HQ-180A, new, boxed, unused - \$40.00.

\*\*\* Please note, the prices noted above do not include UPS shipping; therefore, please remit extra for shipping charges. I would appreciate payment for all items via POSTAL MONEY ORDER. I can ship within 5 days of the receipt of your payment. Steve J. Bohac, P.O. Box 421, Fairview, NJ 07022.

NO COLLECT CALLS ON THESE ADS, PLEASE.

FOR SALE: Wollensak Model 1220 Mono reel-to-reel recorder with 2 or 4 track capabilities. Great for off-radio taping. Very good shape and with free tapes. Price \$100.00 or best offer or trade for good cassette deck. ALSO two library bound volumes of Radio-Craft magazine for 1941 and 1942. Mint condition and packed with schematics. Each \$15.00 or both for \$25.00. ALSO KRS All-band active antenna, Radio West's dandy. Price \$40.00. All items UPS paid. Fritz Mellberg, 1505 Central, Hawarden, IA 51023. Phone (712) 552-2458 after 2300.

FOR SALE: Hallicrafters SX-110 general coverage receiver with external speaker. Very good condition. Price \$100.00 plus shipping. Kevin Atkins, 1617 1st Street, NW, Birmingham, AL 35215. Phone (205) 854-9750 from 0000 to 0300 GMT.

FOR SALE: Galaxy R530, SC-530 speaker with manuals, \$275.00. Gilfer A-20 Pre-selector, \$20.00. FRENEX - complete 1/77 to 12/81 and WRTH - 78 to 81. Best offers. Cashiers check or money order. All items plus shipping. Al Drehmann, 11714 S.W. 129 Ct., Miami, FL 33186. Phone (305) 385-3879.

WANTED: Service manuals and schematics for Tandy-Realistic DX-160 and DX-200 receivers. Will copy and return with postage costs or will pay for copying and postage. FOR SALE: Target sheets to help you plan your DXing. They are 8½ x 14 inches and have space for frequency, station and details and a time section divided into half-hour blocks. One hundred sheets for \$5.00 in North America or \$9.00 outside North America. Sample copy for 50¢ in North America only. Gilles Michaud, 152 Cousineau, Pont-Viau, Laval, Quebec, Canada H7G 3J6. Phone (514) 663-4784 after 2300 GMT weekdays.

FOR SALE: Mint Yaesu FRG-7 in original carton, \$195.00. Tencet Century-21 with manual, \$195.00. Norm Sinclair, 740 Sorrento Inlet, Nokomis, FL 33555. Phone (813) 966-6143.

WANTED: Cassette recordings of U.S. pirate English broadcasts. They should be of fair-to-good audio quality. wanted especially are WKKK, V. of Tomorrow, WRAM, KQSB, R. Confusion, R. Clandestine. I will supply cassettes or pay for them. Please contact William Mellon, P.O. Box 32, Fork Union, VA 23055.

FOR SALE: Panasonic RF-2200. Covers 3.5 to 28 MHz in five bands and has AM/FM. One year old and used less than two months. No scratches. Shipped with manual in original box. Price \$105.00, cashiers check or money order. I pay shipping. Kenny R. Johns, 50 Currie Avenue, Jackson, TN 38301. Phone (901) 423-2366 from 0100 to 0230 UTC.

FOR SALE: Yaesu FRG-7 with Gilfer fine-tuning modifications, Miramo frequency counter and Gilfer A-20 Preselector. All in good shape. Price \$250.00 including shipping. Al Sizer, 22 Country Way, North Haven, CT 06473. Phone (203) 239-2491 anytime before 0200.

WANTED: Information on getting or making a rack or case for an SP-600J. I'd appreciate any help on this. Thanks. Gerry Bishop, PSC Box 55574, Mather AFB, CA 95655.

FOR SALE: Realistic DX-160 with speaker. Excellent condition. I will prepay UPS. Price \$75.00. H.W. Bartsch, 47 Elm Street, Rutland, VT 05701.

FOR SALE: HQ-180C, \$200.00. R-388, \$250.00. HQ-140X, \$90.00. RF-2600, \$120.00 with SCA FM, 3.9 to 28 MHz SW and digital readout on all bands. All work well. George Sherman, Box 2284, Minneapolis, MN 55402. Phone (612) 588-2618 Monday to Friday from 1500 to 0300 GMT.

## EXOTIC-COUNTRY PIRACY IN THE BRITISH ISLES

BY JOHN CAMPBELL

The SW pirate scene has been quite lively in England for the last 11 years, but this is not news to FRENDX readers with long memories. Several of the best English stations, particularly European Music Radio, and one or two in the minor leagues, have been heard and verified by East Coast listeners during the transatlantic pirate seasons from mid-October to early March. Unlike the BEC on SW, though, pirates have represented all but one of the possible "countries" in the British Isles, and they continue to give SWLs the only chance of hearing the exotic ones via SWBC. Now that the winter season is near, it is worth summarizing what may be available to North American listeners in 1983-84.

The traditional pirate bands in Europe are 6195-6320 and 7290-7410, and the traditional broadcasting times fall between 0900 and 1300 on Sundays. 0900 sign-ons in the depths of winter have been heard in North America, but the best bets are earlier starts around 0800 or specially-arranged tests at various times between 0530 and 0800. Where possible, news of special tests will be spread through sources like FRENDX. Of course, anyone who wishes to do so is welcome to adopt any of the stations listed below, and conduct individual campaigns of persuasion. I hope that any successful outcomes in this direction will be reported to LN or Update in time for the greatest number of listeners to benefit. Most interested stations seem to understand publication delays now, but there will always be some which decided to make their broadcasts with next to no notice in advance.

ENGLISH pirate stations are currently going through a very quiet period. No doubt this will not worry any country-hunters who have already logged the BBC. Only one English station is known to be interested in broadcasting to North America this winter, but the general efficiency and enthusiasm of its operators deserves a response, even from people who have heard the BBC. This is Radio Apollo International, which has used 7330-7340 lately and which has the address P.O. Box 319, Edenbridge, Kent. It calls itself the DXers' station, and justifiably so.



Now to the exotic radio countries. In the British Isles, the only one which has never been on SW, to my knowledge, is the Isle of Man. Unfortunately no pirate DXpeditions are being planned; it's inhospitable in the winter, and the ferry-boats are uncomfortable in rough seas. Two more countries have been available in the past, but have no SW activity now: Northern Ireland and the Channel Islands (whose Radio Channel International on 6550 was heard in North America about 4 years ago).

That still leaves 3 countries. British free-radio honor is presently upheld best by SCOTLAND, which has no less than 4 active stations. Each of them should be on the air in winter, on one or two Sundays per month. The most interesting one is Radio Freedom, with address: Dept. R, 67 Elm Row, Edinburgh EH7 4AQ. It uses 6230, but has recently started parallel tests on 9420 with 150 watts which have been heard over long distances. 9420 should be a good choice for Sunday-morning propagation to North America in winter. Radio Stella is usually heard on the last Sunday of the month, on 7319 lately, and is not afraid to get out of bed early enough for regular 0800 starts in winter. Full address is RSI, 48 Pentland Park, Loanhead, Midlothian. Radio Lynda has been on 6260 lately, but plans parallel operation on 6230 and 7315. It isn't recommended to quote the station name in the address, which is P.O. Box 13, Falkirk. Falkirk, by the way, has always been a center of free radio, and in the past it has been the home of two of the four nationalist-flavored Radio Free Scotlands. Finally, there's Weekend Music Radio, 6240, which has had several transatlantic tests with some (though limited) success in previous winters. I hope that the operator can be talked into waking up early on at least one winter Sunday this season. WMR's address is 42 Arran Close, Cambridge, England. All four stations send out good enough signals to make it to North America unless the conditions are against them.

IRELAND should be putting up an especially good performance, probably its best ever, this winter. On recent occasions, the pirate bands have sounded like an Irish monopoly. Against the background of Irish government threats to put both commercial and hobby pirates out of business, this is extremely good news. Here's a summary of what is available at present:

6218 Premier Radio, has supposedly closed, but was back once recently. Address: 139 Ballyfermot Road, Dublin 10.

6243 South Dublin Radio, presently lying low for complicated reasons, but no cause for believing that it won't be back. Uses 6195 occasionally to carry other stations' programs. Address: North Street, Swords, Co. Dublin.

6268 Capital Radio, recently revived. Swords address.

6276 Radio Mi Amigo, Formerly 6928-1/2; likes relaying MW commercial pirates like Radio Nova and Radio Sunshine. Swords address.

6280 Westside Radio, an old favorite, very regular, with chief operator Prince Terry. Address: 53 Charleston Road, Dublin 6.

6293 Radio Ireland International, new since last winter. Excellent signals. Address: 103B Barrow Road, Dublin Industrial Estate, Glasnevin, Dublin 11.

6317 Radio Enterprise, also new and with excellent signals. Address: P.O. Box 1190, Dublin 10.

6350 Radio Emerald International, new, and the nearest thing to Irish "rare DX" because of weak signals. Address: 39 Brian Road, Marino, Dublin 3.

6910 Radio Dublin, regular from 0800 or earlier at weekends and sometimes on other days too. Since it can be heard in Australia, you ought to have heard it already! Probably about 200 watts. Address: 58 Inchicore Road, Dublin 8.

OSL



TO \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Premier Radio  
Internacional**

Broadcasting on 6218 Hz. 48m Band  
6567 Hz. 47m Band

We are pleased to confirm your Reception Report of Premier Radio International

ON \_\_\_\_\_ BETWEEN \_\_\_\_\_ AND \_\_\_\_\_ ON \_\_\_\_\_

253mw

6910sw

**RADIO DUBLIN**

240 MW  
80.2 FM STEREO

**THE VOICE OF IRELAND ON SHORT WAVE**

## EXOTIC-COUNTRY PIRACY IN THE BRITISH ISLES (cont'd)

Finally, the real novelty: WALES. Voice of the Leek, 6265-1/2, is the only all-welsh SW station so far, and it issues QSLs entirely in Welsh. Anyone with a name like Jones is excused from sending return postage. It aims to have only 2 (maybe 3?) broadcasts annually, but negotiations have been conducted to turn one of these into a winter test for North America. The station normally makes its plans well in advance. Technical quality of this operation is high, and the will to be heard in the land of the descendants of Prince Madoc is equally high. (Who he? Well, read "Madoc" by Gwyn Williams, especially if you live in North Dakota). Forwarding address is P.O. Box 319, Edenbridge, Kent, U.K. (not England, if you please).

2 IRCs will cover return postage for any of the stations that I have mentioned. Good DX! And let's have a few North American stations giving us European listeners something to hunt for in winter too.

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(Editor's note: Nice work, John, and thanks! We'll miss your "Unofficial Radio" column in "Shortwave News" (the monthly bulletin of the Danish Shortwave Clubs International). If West Coast DXers think the above borders on teasing, keep in mind that Indos are far and few between in these parts. So, it's revenge of sorts, eh?-JH)

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### The Tandberg 1521: A Modern Dinosaur

by Jerry Berg - 38 Eastern Avenue - Lexington, MA 02173

Recently I found myself in the market for a new open reel recorder, my inexpensive 13-year old machine having been teetering on its last legs for some time. A tape recorder is an important part of my listening equipment. It serves three main purposes. First, if I am on to a weak signal and I cannot identify it "off the air", I can replay the ID until I can, hopefully, piece it together. (I have often been surprised how, after a few days go by, you can pick things out of an ID tape that you missed the first time around.) Second, I keep a tape library of all my Latin American DX, and some non-LA DX as well. Third, I sometimes send taped reports to stations. Except for casual listening or informal band scanning, my recorder is running almost all the time I am listening.

I have, for several reasons, always been partial to open reel recording, as opposed to cassettes, for recording from a receiver. The main advantage to me is that open reel facilitates the physical editing out of a segment of a longer recording. This is the technique I have used for my ID collection, snipping out the desired segment and splicing it onto a master tape containing recordings from that particular country. This is virtually impossible to do with cassettes. Open reel recording also permits longer running time. I generally use a 3600 foot reel of .5 mil tape which, at a speed of 7.5 inches per second, provides 96 minutes of recording time without the necessity of rewinding or turning the tape over. Finally, I still believe that on all but the most expensive recorders (where cassettes will perform nearly as well as open reel), open reel recording provides better fidelity.

With a large collection of open reel recordings made in a half-track mono format (a few going back as far as 25 years), I wanted a recorder that would play these tapes with full fidelity and without the problems of track incompatibility sometimes encountered with quarter-track units found on today's stereo market. I was looking for a reliable, straightforward, half-track mono machine that would produce high quality recordings from shortwave, and nothing more. I was not interested in using the unit for stereo purposes, and thus I had little use for a quarter-track stereo format. Moreover, I did not want the bother of a separate amplifier and speaker if I could avoid it, and so I was hoping to find a completely self-contained recorder-player, not just a "deck" that required connection to other components.

If you have been out of the open reel tape recorder market for a long time, as I was, you are in for some surprises. With few exceptions, open reel machines have become basically semi-professional pieces of equipment. They are designed for the really serious recordist, and consequently they are very expensive. The sky is the limit as to price, with most units being \$1,000 or more. With few exceptions they are decks, intended for use with stereo components.

While I was willing to make a substantial investment for a suitable unit, I still wanted to minimize cost as much as possible. After much inquiry I finally found a unit which met my needs. It is the Tandberg Model 1521, and I report on it below for the benefit of others who may be similarly situated.

If you owned an open reel recorder prior to the advent of stereo recording and cassette machines, you will feel right at home with the 1521. It is a completely self-contained unit, including a ten-watt amplifier and a speaker. It is of manageable size, measuring 15-3/8" wide by 13-1/8" deep by 6-3/4" high. It comes with a snap-on clear plastic dust cover that covers the entire face of the machine. Unfortunately, it is designed for horizontal rather than vertical use, and this presented a problem because, placed in a horizontal position on a desk, the counter and the VU meter are not easily visible. For this reason, and for general ease of use, I constructed a simple wooden stand that holds the unit at about a 45° angle and places the face of the unit and all controls in a convenient operating position.

On examining the unit I was disappointed that, in a design change, Tandberg has replaced the advertised teak cabinet, with handle, with a black, plastic-like case without handle. (The 1521 can also be purchased in a special carrying case configuration.) I am informed that similar substitutions have been made on other Tandberg units lately, apparently as a cost cutting measure. It is the only compromise with quality that is apparent, however. The 1521 is well constructed, with the top panel and most of the controls made of metal rather than plastic. The unit weighs 22 pounds.

Tandberg is an old and well known Norwegian company specializing in the audio-visual, educational and professional markets rather than the home stereo market. Tandberg equipment is particularly popular in language labs, where ruggedness and reliability in hard, daily use is required. The 1521 is designed strictly for mono applications, such as recording from a radio, recording lectures or discussions, making master recordings of educational programs, etc.

The unit accommodates up to 7" reels and operates at three speeds: 1-7/8, 3-3/4 and 7-1/2 i.p.s. I use the 7-1/2 i.p.s. position, where the frequency response is 40 to 18,000 Hz ± 2 db. The frequency response at 3-3/4 i.p.s. is 40 to 13,000 Hz, and at 1-7/8 i.p.s. it is 40 to 7,000 Hz, although the differences seem hardly noticeable to the ear. Using a 3600 foot reel of .5 mil tape, the unit records for 96 minutes at 7-1/2, 192 minutes at 3-3/4 or 384 minutes at 1-7/8, without turning the tape over. There is a four-digit illuminated counter that permits accurate location of recorded material. A push button resets the counter. The VU meter is easily visible when the unit is in a slanted position. It is calibrated in black from -20 to 0 db, and in red from 0 to +6 db, and is illuminated when the unit is in the record mode. The speaker measures 3" x 5-1/2" and produces excellent audio. The unit contains 20 transistors. There are separate bass and treble controls for playback, and they are quite responsive. There is an output volume control, of course, which controls playback volume. A slide switch on the front panel permits selection of the internal speaker, an external speaker or both together. There are two separate (concentric) recording level controls, one for the microphone input level and the other for other input levels (see below). Thus, a microphone and another signal source, such as a receiver, can be connected at the same time and the recording level of each can be separately controlled and mixed together. The heads and related mechanisms are under two metal covers held on by three screws which are easily removable without tools. Threading is accomplished simply by dropping the tape into a single slot and feeding it onto the take up reel. The tape reels are held firmly in place by reel locks (not rubber stoppers).

The microphone input is a regular phone jack and is located on the front panel. All other inputs and outputs are located on the rear panel. Rear panel sockets are as follows: a DIN input for a ceramic cartridge; a phono input for a ceramic cartridge; a DIN socket for simultaneous or separate input from a receiver or amplifier and output (unamplified) to a receiver or amplifier; a phono input for a receiver or amplifier (which I use for recording from a receiver); a phono output for playback through an external amplifier; a phone jack for output to a 4 ohm external speaker; and a second external speaker jack (the design of which is unfamiliar to me). As noted above, a

front panel switch permits choice of internal or external speaker, or both, and so connection of an external speaker to the rear panel speaker jack does not automatically cut out the internal speaker.

The tape transport is controlled mechanically rather than by solenoids, and utilizes the reliable, four-position "joystick" tape motion lever that has been used for years by Tandberg. With the joystick in the three o'clock position, the unit goes into fast forward; at nine o'clock it rewinds. The tape is moved very rapidly in the rewind and fast forward positions. There is an automatic end-stop when rewind is complete. In the six o'clock position, the unit shifts to play. If the tape motion lever is placed in the six o'clock position and a separate lever, the function selector, is moved at the same time from its center "playback" position to its "down" or "record" position, the unit goes into record and the VU meter is activated and lights up. In the twelve o'clock position, both reels are released and can be moved freely by hand. This is convenient for threading the tape onto the take up reel, splicing, or otherwise manipulating the tape.

When the unit is in the record mode, the amplifier is also activated. Thus, by turning up the output volume control the recorded material is amplified as it is recorded. If—as is usually the case when recording from a receiver—you do not want the material amplified while recording, you turn the output volume control to its "0" position. The unit has a useful feature in that, by placing the function selector switch in the "up" or "amplifier" position, when the recorder is not recording or playing back, the unit can be used as an amplifier only, with the recorder output volume, bass and treble controls being operative. This is a useful feature if your receiver audio is not very good and if an unamplified receiver signal is available.

The 1521 also has a pause control which can be used in the record or playback modes, and which can be left in the pause position without the need to hold the control in place.

The recorder has an attractive, professional appearance. It is all black, with panel lettering in white (in both English and French). The instructions are good, although few instructions are needed to operate the machine. True to the unit's European origins, the instructions are printed in English, French, Spanish, Norwegian, Swedish and Finnish.

It is worth noting that Tandberg equipment has been on the market for many years and is easily serviced. Of special importance in these days of foreign imports, Tandberg has a reputation for long term parts availability, as befits the long life expectancy of its products. Thus, there will be few difficulties in obtaining replacement parts for many years to come.

While not priced in the same category as professional quality open reel stereo decks, the 1521 is far from inexpensive. I was quoted a list price of \$715 by two dealers, though more recently the list price has been shown as \$745 in the manufacturer's literature. I was able to purchase the unit for \$650. You may be able to do better if you find the right dealer, but the potential savings are probably not very great because the unit is rarely found "on the shelf" and must be special ordered. It is readily available, however; the dealer obtained mine in a week from Tandberg's American headquarters in New York.

The unit is also available in quarter-track mono format. In that format there is a separate track selector that permits you to record or play back on track 1 (track 4 with tape side 2 up) or track 3 (track 2 with tape side 2 up), or to simultaneously play back tracks 1 and 3 together (tracks 2 and 4 together with tape side 2 up). The quarter track mono unit, Model 1541, lists for \$835.

If you are considering buying a recorder for occasional use, or to record relatively good quality shortwave signals for program listening purposes, a much less expensive cassette recorder will do the job just as well. You should probably consider something like the 1521 only if you physically manipulate the tape a great deal, as I do, or if you like long tape running time, or if you are just partial to open reel recording. (I still use a cassette recorder for preparing taped reports; I record from the open reel "master" onto a cassette, which I then send to the station.) In any event, if you decide to go open reel, and you have no use for stereo, keep the Tandberg 1521 in mind as a reliable, well constructed unit offering high quality audio.



# Loudenboomer

## The Charlie Loudenboomer Report

### THE CHARLIE LOUDENBOOMER REPORT

Something had happened. I was perplexed and disturbed. For years I had enjoyed a fabulous return rate on my reception reports to rare stations. In fact, a hand-lettered poster reading, "99 and 44/100ths percent pure" hung in a prominent place near my receiver, a gift from one of CL's admiring fans. It alluded to the fact that nearly every one of my reception reports was promptly rewarded with a QSL.

When nobody but nobody was getting a verification from Tibet, I received a three-page confirmation letter. I had garnered QSLs from the likes of Zanzibar, Maldives and Tristan da Cunha. There were, in my files, hundreds of veries from obscure Latin American stations, including a prized verie note from Radio Neyba's Sr. F. Navidad.

But something had happened! I had been accustomed to receiving at least a dozen rare QSLs a day. One day, however, the mailbox was empty. Surely a postal holiday, I thought. But a quick check of the calendar showed that the only festive occasion on that date was the anniversary of Henry the VIII's third marriage.

When the mailbox remained empty the next day, and the next, I really became worried. After two weeks without mail, panic set in.

I studied carbons of my recent reports. I quickly concluded that the problem had to be elsewhere. Those reports were no different from earlier ones that had brought prompt replies. They were indeed up to the usual high Loudenboomer standards of reportage. Suspecting that the answer lay with postal deliveries, I checked with my postmaster.

"My mail is being misdelivered or lost," I wailed to that official.

"Nonsense, utter nonsense," he replied scornfully. "The USPS is the finest in the world. We are never stayed from our appointed rounds by snow, sleet or gloom of night...and we never make mistakes."

But after my tears of anguish had begun to dilute the magenta ink of his stamp pad, he took pity and suggested that I contact the chief postal inspector.

I was ushered into the office of Chief Postal Inspector Oscar Blunt. The federal agent was the very picture of a chief postal inspector, brisk, no nonsense, efficient. He fixed me with his steely eyes.

"So you're not getting any QSLs eh? Well you've brought your problem to the right man. I'll look into it and you'll be hearing from me."

I went home relieved, and waited. Several weeks passed without mail. Then one morning, my gloomy mood was broken by the doorbell ringing. At the door stood someone I at first took for a complete stranger, until I realized it was my mailman. He handed me two objects, a long overdue club bulletin and an official-looking letter. I ripped open the latter and found it was a letter from Chief Inspector Blunt:

"Be advised that your complaint has been personally investigated and found to be unwarranted. I can only suggest that your lack of QSL replies is due to erroneous reports:

Signed: O. Blunt, Chief Postal Inspector"

I was crushed. In a daze, I opened the other bit of mail, the months-old DX bulletin. Then something caught my eye. It was a page one announcement by the editor:

"The 1982 award for Man of the Year goes to Oscar M. Blunt, a newcomer to the DX hobby. He is honored for his remarkable achievements, which resulted in verifications from 215 different countries in the space of just three months time. Congratulations, Oscar! Please tell us the secret of your tremendous success!!"

## RADIO NACIONAL

ONDAS CURTAS: PRL-7 - PRL-8 - PRL-9 -ONDAS LONGAS: PRE-8

PRÇA MAUA, 7 — ED. DE A NOITE — 21.º e 22.º

RIO DE JANEIRO — BRASIL

CENSURA  
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I spotted this cover awhile ago in a large box of envelopes at a stamp show. It was dated "April 11, 1944" but what on earth was "Radio Nacional" and who would recall such a station? You're right: Don Jensen fills in the blanks:

"I recall the old Radio Nacional quite well. It was my (and I suppose most of my contemporaries') first Brazilian QSL, maybe 30 years ago. A quick bit of research here indicates that PRL7 was on 9720 kHz; PRL8 on 11720 kHz and PRL9 on 17850 kHz, each with 50 kw. One of the few major stations in South America back then."

The following article appeared in the August 18, 1983 issue of Rolling Stone magazine:

# Voice of America: rock & roll with Uncle Sam

BY CHRISTOPHER CONNELLY  
Washington D.C.

Remember the radio stations you grew up listening to? Those "progressive" FM stations where the disc jockeys all programmed their own music without relying on format consultants or chart positions or advertisers to tell them what to play? Where soul music and rock & roll could be played back to back, and where the deejays' wildly idiosyncratic tastes profoundly influenced your own? Well, one of those stations still exists, in Washington D.C. It has an audience estimated in the tens of millions. Its deejays have total job security:

And, as was the case with some of those stations you remember, the people who manage this station can't tell Motorhead from Barry Manilow. They're part of the U.S. government, and you won't hear their station in America.

The station (more like a network, really) is the Voice of America, a red, white and blue broadcast operation that each week beams out 960 hours of programming in forty-two languages to the U.S.S.R., China, Asia, Africa and South America. (It is not affiliated with Radio Free Europe.) The service was founded in 1942 to provide war news, and under the terms of its 1976 charter, its primary purpose is to "serve as a consistently reliable and authoritative source of news."

News is clearly the priority of the VOA's new director, Kenneth

Tomlinson, who was formerly an editor at *Reader's Digest*. Though the Reagan administration's policies are technically supposed to be directly advocated only in VOA editorials, some have sensed a strong anti-Soviet slant in the service's reports about Central America. Small wonder, then, that even in these budget-tight times, the VOA recently had its annual budget increased by thirty percent, to \$141 million.

The bulk of VOA programming originates from its Washington D.C. complex, where twenty-six studios, a master control board that appears to date from the early Fifties and most of the agency's 1500 stateside workers are based. By and large, programs are recorded on tape here and sent to the VOA's thirty-one domestic transmitters, which in turn send out

shortwave signals to seventy-four foreign-based units. A trip through the VOA's musty broadcast center reveals members of myriad ethnic groups at work, reading the news or conducting panel discussions in everything from Uzbek to Azerbaijani.

But the VOA is also charged to "represent America...and...present a balanced and comprehensive projection of American thought and institutions." Or, as disc jockey James "Russ" Woodgates puts it, "When you think of America, you think of rock & roll." Music may make up little more than an hour of a typical service's eight-hour broadcast day, but with respect for U.S. foreign policy at a post-Vietnam ebb and American culture still ascendant, it's not hard to imagine why an estimated 80 million to 100 million people tune [Cont.]

[Cont.] in: for the music.

From the music standpoint, the VOA seems considerably freer than the stations of the country it represents. "We have no music director or program director standing there, saying, 'This is your playlist,'" says Judith Massa, music editor of VOA's feature (news) division. "Anyone can go to the music library, pick out a record and play it on the air. There is no one to say no." Try that at an album-oriented radio station.

Nobody takes bigger advantage of that freedom than the balding, cherubic Woodgates, a thirty-one-year-old whom VOA hired fresh out of Northwestern journalism school. Woodgates is the host of *Now Music U.S.A.* ("Uh, the title wasn't my idea"), an "academic but hip" half-hour of rock and soul that airs three times a week throughout the VOA network — one of the very few programs to be broadcast so widely. "I'm the Casey Kasem of the third world," he jests.

Unlike the Kasems of the world, Woodgates can and does play anything his heart desires. His playlists are an eclectic, almost bizarre mishmash of styles. Joan Armatrading, Art in America, Walter Egan and an all-but-unknown Christian New Wave band from Sacramento called the Seventy-Sevens all receive airplay along with the more traditional AOR staples. And unlike many other VOA programs, Woodgates' show is broadcast in English, which he says can be grasped by the majority of his listeners. "There's always a creative tension on how much to spoon-feed them," he says while at work in his closet-size office, stuffed with the promotional detritus of rock & roll. "But they have high IQs and are tremendously inquisitive."

Not that Woodgates shrinks from a little upbeat propaganda. Though his "star profiles" occa-

sionally tackle some meaty issues (the brouhaha over backward masking, or hidden messages, on albums, for example), they usually emphasize success stories of young Americans who made it big on hard work and talent. Woodgates speaks slowly and overarticulates for his foreign audiences, and the effect is slightly maddening, like Dick Clark on *Thorazine*: "Bob Seger... a working-class... troubadour... whose songs of love and aspiration... have made him a hero... to young Americans." Of course, as Woodgates puckishly points out, "There's no tune-out factor on shortwave."

Woodgates may be the system's only jock heard throughout the world, but many of the individual language services have their own music programs. Ukrainian émigré Peter Fedynsky's program features everything from heavy metal to Abba ("What I do is stab around in the dark," he admits), and he will go to almost any length to find a Ukrainian hook. Fedynsky therefore plays many cuts by the Romantics, a group that includes a Ukrainian member, and he likes to play anything recorded live at the Fillmore East, since that legendary New York venue was across the street from a Ukrainian meeting hall.

Since nobody really knows how many people listen to the VOA ("We base it on exit polls," says Tomlinson with a laugh), letters provide the only communication between the VOA and its listeners. Woodgates says most of his correspondence comes from India; Fedynsky never hears from his audience at all. Togo-born Roger-Guy Folly gets a thousand letters a month and uses them to program his by-request-only show for the West African (French) branch. He'll play anything from Willie Nelson to King Sunny Adé. "Music makes a lot of friends for America," says Folly. "It serves as bait to keep people listening for the news."

But the position of music on the VOA can be pretty precarious.



Russ Woodgates, the Casey Kasem of the third world

Music programming to Poland, for example, was cut back when the VOA signal started getting jammed after the Gdansk shipyard uprising. "Music isn't seen in a positive enough light by management," says Massa. "It really deserves a higher priority rating."

"It's such a carrot," says Woodgates. "I have discussions with [the powers that be] once a month about its value. It's a great way to get an audience." Tomlinson, a self-described bluegrass buff, acknowledges that cutting back music is "a judgment call" but feels strongly that news must be at the forefront at all times.

The average radio station has meetings almost daily on what songs can and cannot be played; after the one such meeting the VOA had this year, a transcript of it wound up in the *New York Times*. The problems started in February, when program director Frank Scott sent around a memo that asked programmers not to air "music lyrics which may be offensive to any segment of our audience." The tone of the directive recalled Spiro Agnew's rant against drug lyrics, and the upshot was a stormy, hilarious meeting between Scott and some fiery air personalities and staff members. In the course of the meeting, Scott banned the playing of Marvin Gaye's "Sexual Healing" and nearly banned "Ebony and Ivory" from any use in South Africa—until he learned that "Ebony and Ivory" was South Africa's Number One song.

Says one programmer recalling the meeting, "Scott said, 'I don't want the Voice of America to get in bed with the devil.' And a colleague said, 'If the U.S. is in bed with the devil, we can't pretend that's not happening.'" And while Woodgates acknowledges that he's had no problems playing what he wants, he wonders what will happen if a song about, say, El Salvador should become popular.

The stakes are high because the VOA's programming really does have an effect. Programmers say that the VOA's playing of a record

has a significant effect on a song's commercial success in free-market countries. "When you talk about somebody doing well overseas, you can trace it back to when VOA started playing the record," says Massa.

Even more impressive is the case of Willis Conover, a craggy-faced, rumble-toned VOA vet whose jazz programs single-handedly created the development of that music inside the Eastern bloc and the Soviet Union. "When I go overseas, I get more attention than I need," he says. "On my first trip to Poland, in 1959, I was met at the airport with cameras, tape recorders, flowers, hundreds of people behind barricades and a thirty-piece band. And there were two concerts given in my honor by people from all over Poland to demonstrate, I was told, what they had learned from my programs." That scene repeats itself whenever Conover travels there.

Even with that kind of influence, VOA programmers have trouble getting rock & roll artists or their record labels to cooperate with interviews and other things. "I always try to convince them that the whole world is listening," says a frustrated Massa, who once followed Charlie Daniels into a men's room to get an interview. "I never ask them personal questions. I just want to talk about their music."

Nevertheless, the mood among VOA music programmers is upbeat. Massa is especially pleased that the service has finally begun an American Top Ten show; she attributes the delay in the show's approval to the let's-kill-the-El Salvador-government syndrome. Though such fears on the part of the Reaganites don't figure to abate, it seems likely that the music shows on the VOA will continue to reflect what many people wish American radio were like.

"I feel Messianic about the VOA," says Massa. "And especially about the music."

"Sure, it's propaganda," chuckles Woodgates, who calls the VOA a PR agency. "But it's good propaganda." C

Judith Massa: "Music should be a higher priority."



# Technical



# Topics

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

This month we have a preview of the new Radio Shack DX-400 direct entry PLL communications receiver sent to us by Dr. Scott Davenport of Tuscaloosa, AL. Scott heard Harold Sellers' ANARC Equipment Report over RCI in June, mentioning the forthcoming DX-400, and promptly called Tandy Corporation's Ft. Worth National Advertising Dept. We therefore have an advance catalog description of this new receiver and a photograph as well. Many thanks, Scott!



Similar to the format used by the SONY 2001 and 2002 receivers, the DX-400 has direct-entry pushbutton tuning and auto-scan, 6 AM and 6 FM memory presets, lighted LCD frequency display, and a signal strength meter. A choice of wide/narrow selectivity is provided plus fine-tuning. Also included are an antenna trimmer and a 3-step RF gain control. A sleep switch provides automatic shutoff, adjusted from 10-90 minutes. Antennas provided are a telescoping whip and a CCB loopstick. A built-in speaker is included plus jacks for external speaker, external antenna and headphones. The price is \$299.95 and the catalog number is 20-207.

Specifications: Frequency coverage is 150 kHz - 30 MHz, plus FM. Sensitivity is given as: AM (except CCB and longwave) 1 uV for 10 dB S/N ratio; SSB 0.5 uV for 10 dB S/N ratio; Longwave 5 uV and CCB 300 uV. Selectivity is given as:  $\pm 3$  kHz at 6 dB, and  $\pm 6$  kHz at 50 dB in the wide position, while narrow provides:  $\pm 2.5$  kHz at 6 dB, and  $\pm 5$  kHz at 50 dB. Power requirements are six C batteries for the radio, plus 2 AA's for the memory backup. It appears that a 120V AC supply is built-in. Dimensions are 6" X 12 5/8" X 3 1/2", but the weight is not given.

No definite word on when this new receiver will be available, so keep an eye on your local Radio Shack. Also included on the same catalog page (79) is the new DX-360, and at \$99.95 it appears to be their latest entry for the beginning DXer/SWL. It covers AM, FM, plus shortwave in the following bands: 4.5-5.5 MHz, 5.9-7.5 MHz, 8.2-10 MHz, 11.4-14 MHz, 14.6-18.2 MHz and 21-25 MHz, plus Longwave 150-260 kHz. Dimensions are 4 1/2" X 10 1/4" X 1 3/4". It is powered by 4 AA batteries. Radio Shack is a division of Tandy Corporation.



Price \$34.95 + \$4.00 S&H

Our hard-working publisher, Bill Oliver, sends us information on the new MFJ-103 24/12 hour digital clock. It features "pleasant blue" 0.6 inch fluorescent digits and a battery backup to keep the time on during power outages. It requires a single 9-volt battery, which is not included. It has an ID timer that alerts you every 9 minutes after you tap the ID/snooze button, intended for the ham operator. It has a switchable seconds readout, and can be synchronized with WWV. It measures 5" X 2" X 3" and operates on 110V AC. It is available from MFJ Enterprises, Inc., P.O. Box 494, Mississippi State, MS 39762.

Recently I obtained a copy of the Radio Society of Great Britain (RSGB) Radio Communication Handbook, 5th Edition. This 778 page paperback, like the ARRL Handbook, is intended as an all purpose reference for the radio amateur operator. Of interest to us, however, are the rather extensive chapters on receivers, propagation and antennas. The receiver chapter covers the complete development of the superhetrodyne, with detailed analysis of common design trends during their respective eras. Unlike most contemporary references, this one has a number of vacuum tube circuits which helps in understanding the evolution of receiver technology. Also included are a number of current design trends, among them PLL circuitry, and the now popular up-conversion technique. The propagation chapter is equally impressive, with detailed explanations of the various mechanisms which provide unusual reception conditions. The antenna chapter covers a number of wire antennas, including several designs which provide a substantial gain over the usual types we are most familiar with. This book is available for \$22 postpaid from the American Radio Relay League, 225 Main St., Newington, CT 06111.

**universal  
amateur  
radio inc**



1280 AIDA DRIVE  
REYNOLDSBURG, OHIO  
(Columbus) 43068

John and I recently spent a weekend visiting friends in the Columbus, Ohio area and we couldn't resist a side trip to Universal Amateur Radio, Inc. in nearby Reynoldsburg. We were given the red carpet treatment by Fred Osterman, head of the SWL Department which consisted of a tour of their facilities and a demonstration of various equipment. On display were Japan Radio Corporation (JRC) NRD-515, plus the commercial model NRD-92 and NRD-93, the ICOM IC-R70, and Kenwood R-2000. The Kenwood is apparently the house specialty as several modifications are available. These include various filter options for improved selectivity and installation of receiver incremental tuning (RIT) which provides fine-tuning for the non-voice modes. Also on display were the Info-Tech M600A and M200 RTTY converters. The M-600A provided Fred an opportunity to show his expertise in this phase of

the hobby, as he patiently explained the flexibility of this versatile unit and proceeded to log several different types of stations (various non-broadcast radio services) for us. Also in stock are a number of useful accessories and a very wide selection of reference books. The list of items they have available is rather extensive, so write to Universal Amateur Radio, Inc., 1280 Aida Drive, Reynoldsburg, Ohio 43068 for their lists. Many thanks to Fred Osterman and the crew for a very enjoyable visit.

Some folks have inquired as to why I did not use a resistor on my terminated longwire experiment as described last month. Side rejection is accomplished in Beverage wave antennas by the very long length of wire employed; a resistor is used to suppress the backwave, or signals off the back of the antenna. With the relatively shorter length of wire used in most longwire installations, it appears that side rejection is accomplished via the grounded termination previously described. Consequently, we are looking at a much different circumstance. The 120 ft. terminated wire oriented at 160 degrees shows a rather pronounced lobe to the south and a somewhat lesser lobe off the back (north). Due to the numerous arrival angles by which a shortwave propagated signal is received, total side rejection is not possible with this relatively shorter wire. Comparisons made on 60 meters with co-channel African/Latin stations do show a definite preference for the Latins, however. The other longwire (unterminated) has been reoriented to 40 degrees and is now terminated via an earth ground. Hopefully, next time we'll have the results of our comparisons with the two terminated antennas.

That wraps it up for this month,

*Jim*



# Publicizing Shortwave Radio Listening

by George J. Poppin

It has been a few years since I built my first crystal set and one-tube radio receiver to my present FRG-7 with digital readout. I have listened to and verified radio stations in many parts of the world, corresponded with radio enthusiasts from Mauritius to Oswatomee, Kansas, have had representatives from several international broadcasters at my wife Dottie's dinners, met a lot of real shortwave radio buddies and have learned a great deal about people in all parts of the world. This has been a most rewarding experience...thanks to shortwave radio. Now I am doing my bit to let other people know about our fascinating hobby...informing them that SW radio is not mysterious..that it can and is being heard right in their own area and at any hour of the day. Please allow me to share some of my experiences in promoting SW radio with you.

In 1981 my paper proposing that ANARC undertake a comprehensive analysis of the actual and potential North American shortwave listening audience was read to the ANARC Business Meeting of the convention at Thunder Bay. The proposal was adopted by ANARC. I suggested that Dr. Kim Andrew Elliott coordinate the project since he has produced such excellent information as a result of his surveys and studies. More on this study will be provided later on.

My shortwave radio promotional projects on the local level have produced very encouraging results. It is amazing what can be done in this direction if one is enthusiastic about our hobby. One need not have the missionary zeal to get the word across to the public but a little bit of that zeal, or one might call it an interest in ecumenism, will help you in your endeavors. Due to the brevity of this seminar I cannot go into a lot of detail but I will be happy to share those details with any of my colleagues.

Having been in communication with several international shortwave radio broadcasters from Beijing to Kampala since 1975 I learned that their volume of listeners increased a bit since I started to send out press releases pertaining to their programs and schedules to the local newspapers and ESPECIALLY TO THE ETHNIC NEWSPAPERS! ! Thanks to Larry Magne who taught me how to prepare a proper press release.

I learned that it helped a great deal to personally deliver the press release to the editor of the newspaper. That personal touch helped! Many editors didn't realize that SW radio programs were beamed from that language nation during prime listening hours AND THAT THEY COULD BE HEARD!!! They published the press release with my name and telephone number. Thus the potential listener could contact me and I would provide information about the purchase of SW radios and how to properly install an indoor as well as an outdoor antenna. I would mail the new listener information pertaining to radio signal propagation, noise, interference, how to convert GMT to local time besides the station frequency schedules and programs. I make follow-up telephone calls to the new listeners to determine how they are getting along and to answer questions regarding SW radio which may be puzzling them. I encourage the new listener to telephone or to write to me if any questions arise regarding SW reception, etc..

The newspaper editors were put at ease once I told them that I wasn't in the hobby to sell radios. The reader response has been very encouraging. One Greek-Orthodox church bulletin published the entire press release in their parish bulletin and this increased the responses from readers of Greek-American language newspapers. I have invited some interested radio listeners to my QTH to get a first hand listen to a broadcast from the nation of their heritage. That really clinched their listenership and away they went to buy a radio set!!

Occasion has presented itself for me to tape news from Israel Radio so that Carol Eisenberger, who produces a Sunday night program on KQED-FM, is able to present listeners to her program with the latest news pertaining to that nation. She always gives credit to Israel Radio for the news. I lent my old SONY SW radio receiver to one ethnic agency to assist them in getting the latest overseas news for their telephone HOTLINE call-in service. I have attended newspaper seminars and conventions to spread the word about SW radio, got in touch with the various Consu-

lates, sent latest SW frequencies and newsworthy items to SW and DX publications. Glenn Hausey, NASWA and Danish Shortwave Clubs International have been of great help and most cooperative in publicizing various SW radio stations' information. Interesting items to "gossip-type" columnists have yielded excellent results. Such as my items to Herb Caen of the San Francisco Chronicle and Jack Rosenbaum of the SF Progress (a district type newspaper distributed without cost to every household twice per week) regarding the visit of the Consul-General of the People's Republic of China to our Mother's Day Rose Show...or the establishment of a rose culture exchange between our SF Rose Society and the Beijing and Shanghai Rose Societies. (The EAST-WEST Chinese Weekly Newspaper did a whole series on this exchange and gave frequent mention of Radio Beijing). Our Mayor Dianne Feinstein is supporting our Sister-City Shanghai-San Francisco Rose Society relationship. All of this thanks to Mr. Ma Ruiliu and the English Department of Radio Beijing. These plugs included a little bit about SW radio programs and frequencies of the nation involved at the particular mention. Then I heard an excellent program on bird protection in Beijing, got a copy of the script and sent it to the local Audubon Society as well as EAST-WEST Chinese Pacific Weekly newspaper...each had a mention of Radio Beijing. On and on... I have heard from California college professors, a nuclear physicist and many good people who wanted to know..."how do I catch Radio Australia, RAI-Italian Radio, Israel Radio, Voice of Greece, South Africa RSA?".or..."Can I really hear Radio Beijing in Cantonese and Standard Chinese as well as in the English language?" Yes, our friends in Kampala...Radio Uganda...are better known in this area even though they have infrequent SW radio broadcasts.

After my success in promoting SW radio listenership on the local level the burning thought persists: If I can accomplish something towards promoting SW radio in a one-man nickel and dime operation, how much more will be accomplished as soon as more of the SW radio broadcasters and more of the manufacturers of SW radio equipment start an immediate in-depth campaign to advertise the SW programs.

In doing so many more people "out there" will become aware that SW radio programs do exist and that those programs CAN BE HEARD RIGHT NOW!!

George J. Poppin  
Consultant-SF Unified School District  
2654 Seventeenth Avenue  
San Francisco, California 94116  
3 May 1983

(Editor's note: If you were able to attend the ANARC convention this year, Randy Erickson summarized George's article at a seminar pertaining to the same subject.)

## The 1983 South American Handbook

FIFTY-NINTH ANNUAL EDITION

Editor: JOHN BROOKS  
Associate Editor: JOYCE CANDY  
Assistant Editor: BEN BOX



Trade & Travel Publications, Bath, England

I just picked up the latest edition of the South American Handbook and for enthusiasts of Latin DX, it's a must! Distributed in this country by Rand McNally, the list price of \$29.95 is well worth it, since it's a reference you'll use often. So, the next time you hear Radio JSV, 6060 kHz, in Huanuco, Peru, you'll know that it's "an attractive Andean town with an interesting market..."

That's it for this month. As always, the nice comments are appreciated. "Shortwave Center" strives to be a magazine, both in look and in content.

Here's to the start of another season...73.



## REPORT ON THE 1983 ANARC CONVENTION

by Dr. S. David Klein, NASWA ANARC representative

The 1983 ANARC Convention was held on 15 - 17 July, 1983, at the Rosslyn Westpark Hotel in Rosslyn, Virginia, just across the Key Bridge from Washington, DC. The convention was organized and hosted by the Washington Area DX Association (WADXA) under the able leadership of Arlene Luskin. Attending the convention were representatives from most of the ANARC clubs, broadcasters from a number of countries, and people representing all facets of the radio listening hobby. The convention was centered around many formal activities, but there was a great deal of time for just socializing. With an attendance of over 300, a new record, from most aspects the convention was a success.

The convention formally opened on Friday at 5 PM; by that time, many people had already arrived and were into the swing of socializing and examining the exhibits of various receivers & equipment, and material laid out by several broadcasters. The pennants brought as souvenirs by the representative of Radio Beijing quickly disappeared! After dinner, a wine and cheese reception was held, compliments of several of the exhibitors. This provided a chance for attendees to mingle and get to know their fellow conventioners.

Earlier in the day, the ANARC club representatives held their annual meeting. Several matters were discussed including the proposed revision of the constitution and by-laws of ANARC. While several clubs, including NASWA, were ready to vote on the proposed changes, it was found that a majority of the club reps had not been briefed by their clubs on how to vote, and the matter was postponed to a later date. Also discussed were the ways that ANARC could help clubs to publicize the hobby (and themselves in the bargain). John McCann, vice-President of HAP-USA, spoke to the delegates about his thoughts on the future of that organization, which, under his forthcoming leadership, appears to be bright.

Saturday saw the formal portions of the convention, with six seminars and the banquet. The first seminar was on "Publicizing Radio Listening," and serving on the panel were Randy Erickson (Moderator), Ian McFarland (Radio Canada International), John Trautschold, Chris Davis (Sony), and Alfonso Montealetre (Radio Nederland). A number of ideas on the topic were presented, and there was the opportunity for some audience participation afterward. It was pointed out that Sony has perhaps done more to publicize our hobby with their receiver ads than all of the clubs put together!

The second seminar was devoted to "Trends in Broadcasting, Equipment, and Listening." On the panel were Kim Elliott (Moderator), Larry Magne, Chris Davis, Roger Legge, and Bob Grove. During this seminar, topics ranging from receivers & transmitters to programs & jammers were discussed. The third seminar was on "Computers in the Radio Hobby;" serving on the panel were Mike Levintow (Moderator), Bill Krause, Skip Arey, and Jon Cohen. A number of interesting ideas on the use of computers were discussed, including mention of some of the computers which are being used in the hobby; Bill Krause had his VIC-20 on display. Some of the useful types of programs were also discussed.

After lunch, the fourth seminar was held. I should actually say "seminars" as there were several running concurrently on various aspects of the hobby (e.g., shortwave, mediumwave, utility, etc.). The shortwave session (of most interest to FrenDX readers) had on the panel John Trautschold of SPEEDX, Jay Goldberg of WADXA, Dr. Richard Wood, who was visiting from Saudi Arabia, and yours truly as moderator. The format for this seminar was a free discussion, and during the course of the session, topics ranging from QSLs to DXing to SWLING to satellites and SW were discussed.

The fifth seminar was on "Commercial Shortwave Broadcasting." Joseph Costello of WRNO and George Jacobs presented a talk on the difficulties in obtaining a license to operate a commercial SW station in the United States. After this seminar, Kim Elliott presented the RIB awards. This was followed by the last seminar, the Broadcasters Forum. On the panel were representatives from RCI, R. Nederland, VOA, BRT, R. Sweden, R. Beijing, HCJB, BBC, R. Earth International, Zambia BS, and WRNO. It was an opportunity for those at the convention to question the broadcasters about anything and everything, and I suspect that this was the most popular session of the day; it was quite well attended.

Following this was the ANARC banquet. After dinner speakers were Pat Gates and Phil Irwin of the Breakfast Show on VOA, and Joseph Costello of WRNO. The ANARC awards were made, and the ANARC raffle drawing was held.

On Sunday, the Annual General Meeting of ANARC was held. A number of motions were approved, and Toronto was selected as the site of the 1984 ANARC convention. Shortly thereafter, the HAP auction was held with Sam Barto as auctioneer. When all was said and done, over \$2200 had been raised to help the efforts of HAP.

SEPTEMBER 1983



# Listeners Notebook

GLENN HAUSER, Box 6287, Knoxville, TN 37914

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AFGHANISTAN R Afgh ES in Pashto/Dari 1730, GM 1830, EG 1900-1930 now hrd on 11960 ex-11755, //15077 9655 (WBI 14/7) As usual 15077 is from Afgh, others USSR relay (gh)

ALASKA KNLS, Anchor Point, ID, gospel chorus IS of several bars, all repeated 5 or 6 times 0215-0217\* 8/7 on 11940 (D L MacLaughlan, Los Angeles CA) "KNLS, the New Life radio stn from Anchor Point in Alaska" hrd on 11820 2/8 0900-1000 apx, continuous jazz and anmts in RS. Current ITU registrations for this are 0700-1100 & 1500-1900 on 11820, 1100-1500 on 9690, to USSR. From 4/9, plans to use 9620 0600-1100, 6170 1100-2000 (WBI 4/8) This info is incorrect. S83 sked direct from the stn: 0900-1200 RS 9620, 1200-1330 Mandarin 6170, 1330-1630 Russian 6170. Expansion of hours to 0700-2000 and addition of Ukrainian is not planned until D83 (gh) more, LMI

ALBANIAN R Tirana has relatively few bcs in its own language in the ES: Ams 0000-0100 9790 7300 6200, 0200-0300 7300 6200; Eu 0400-0500 1215, 0600-0700 6200 1215, 1300-1400 7090 1458, 1800-1900 7090 & none to other target areas. Check these xmsns for enjoyable music. EG sked seldom changes, but: 0000 NAM 9750 7065, 0130 & 0230 9750 7120 NAM; 0330 NAM 7300 6200. 0430 Af 9485 7300. 0630 Eu 9500 7080. 0700 Au & As 11985 9500. 0930 Au & As 11985 9500. 1230 NAM 11960 9515. 1400 SEAs & Au 11985 9500. 1630 Eu 9480 7065. 1730 Af 15435 11985. 1830 Eu 9480 7065. 1930 Af 9500 7075. 2030 Eu 7065 1395. 2200 Eu 9480 7065 1395. (WBI 7/7) EG all ½-hour

ARGENTINA LR4 R Splendid, 1 kW SW xmtrs LRS 11880, LRS1 9740, LRS2 5985, Mon-Sat 1800-0000, Sun 1200-0000. LR1 R El Mundo, 1.5 kW LRU 15290 weekly [sic, weekday??] 0830-0130; LRX 11755 7.5 kW weekly 0130-0830; LRX1 6120 10 kW weekly 0900-0700; LRX2 9710 7.5 kW Sun-Fri 1500-0100, Sat 0830-1600. LR3 R Belgrano, LRY1 6090 Mon-Sun 2200-0300 (v Sat or Sun by sport events); LRY2 11780 Mon-Sun 1300-2000.

LRAl R Nacional, Buenos Aires, 6060 Mon-Sat 0500-1700 & 2300-0000, Sun 0500-0300, Mon only 0300-0500. 15345 Mon-Sat 1700-1900. LRA34 R Nacional Mendoza, 6180 24h. LR17 R Provincia de Misiones 6160, inactive from 1982. LS5 R Rivadavia, 5882 & 10680 Mon-Fri 2100-0200, Sat 2300-0400, Sun 1800-0000. Evenings 5882, local days 10680.

RAE: 6060 0000-0500, 11710 1030-1330 & 0000-0500, 15345 1900-0500 weekly except Sun. Langs: JP 1030-1100 & 1130-1200. EG 1100-1130, 1200-1230, 1930-2000, 2230-2300, 0100-0130, 0230-0300, 0430-0500. SP 1230-1330, 2030-2100, 0030-0100, 0300-0330. AR 1900-1930 & 2130-2200. GM 2000-2030, 2200-2230, 0130-0200, 0400-0430. FR 2100-2130, 2330-2400, 0330-0400. IT 2300-2330. PT 0000-0030, 0200-0230.

LRA36 R Nacional Arcángel San Gabriel, Antarctic Territory, 15474 & 6030 1300-1530 & 2200-0030. In SP only w/anmts in IT, FR, EG, requests reception reports to LRA36, R Nacional Arcángel San Gabriel, Base Esperanza, 9411-Antártida Argentina, Argentina (Argentine SW Panorama, 2/8, from Gabriel Iván Barrera, Bs As)

AUSTRALIA For S83, RA EG changes include moving one band down to NAM & Pac: 2030-0100, 0200-0500, 0600-0630 on 15320 ex-17795; 0000-0330 17795 ex-21740; 0200-0400 on 15320 ex-17795; 0400-0500 15115 ex-15320 (RA Spectrum 15/8) RA fq anmt at 1100 on 9580 16/8 mentioned test on 9520, faintly hrd o/jammer just before 1115 when wiped out by VOA Bethany 9525 (William O Dickerman, PA)

ARDXC will no longer be announcing availability of QSL cards in any of its pgms, unless for spl occasion. Reports should be sent to ARDXC QSL Service, Box 227, Box Hill Victoria 3128, Australia. Reports which satisfy our revised conditions will be QSLed and sent by airmail (outside Australia). Conditions include: must be on club official form or replica; r.p. required--two IRCs overseas; legible and detailed; sent by airmail within one week of broadcast; non-members' reports should follow EDXC Reporting Guide preferably on official report forms of DX clubs. Policy revisions are partly caused by large number of reports received from overseas which are illegible and very badly prepared. These emerge generally from North America, and it is obvious that there are inadequate or ill-conceived guidelines available for the correct manner in which reports should be submitted. This is something that the primary DX clubs in NAM might address. Frankly, we've found that many reports are atrocious, most are mere demands for a QSL, with little authenticating details. Reports that are prepared on official report forms, issued by Clubs overseas, are invariably well laid out and properly written. Only one QSL per station, even if heard on more than one frequency. All this concerns ARDXC segments on these DX programs: R Australia Spectrum, HCJB DX Partyline, TWR Guam DX Listener's Log, SLBC Radio Monitors International (August Australian DX News)

R Australia and 1/7 that the Australian Broadcasting Corporation (ABC) came into existence that day, replacing the A-B-Commission, which had been the natl bcr for 51 yrs. It was changed to a corp after recommendations by the Dix Committee of enquiry, which reported to the fedl govt last year. (WBI 7/7) RA reported 24/7 that ABC's MW pgms were being relayed on domestic SW xmters in Perth, Melbourne, Sydney, Brisbane --this SW svc due to be extended soon when four additional outlets from xmters in Lyndhurst (south of Melbourne) became available (WBI 4/8)

VLZUV, Sydney operated by Univ of NSW, 1692 kHz now 0845-1100 Mon-Thu, 0845-1000 Fr but from 25/7 M-F will be 0845-1100; 500 watts (Arthur Cushen, NZDX Times July-Aug)

AUSTRIA ORF S83: 5945 0000-0200 ENAm, 0300-0400 NAM, 0400-0600 WNA, 1900-2300 Eu. 6000=Aldrans Eu 0430-2300. 6155 0500-1700, 1700-1900# Eu. 7170 0900-1200 SEEu. 7205## 2100-2300 EAs. 9655 2100-2300 EAs. 9770 0000-0400 ENAm, 0400-0600 WNA, 0900-1000 Eu, 1200-1500 Eu. 11665 0200-0400 CAM, 2100-2300 ESAM. 11755# 0000-0200 & 2300-0000 ESAM. 11825## 1500-1700 SAs/SEAs. 12015 1300-1700 SWEu. 15115 2300-0200 SAM. 15230 1500-1700 SAs/SEAs. 15270 0700-0900 ## AuAs longpath. 15290## 1300-1500 EAs. 15410 0600-0900 NE. 15415## 1000-1200 AuAs. 15420## 1900-2100 WAF. 15560 two xmters: 1700-2000 NE, 1700-2100 SAF. 17725 1000-1200 AuAs longpath. 17740 0700-0900 AuAs longpath. 17775 1700-1900 EAF. 17860 1200-1300# ENAm. 100 kW except ##=300 kW, ##=500 kW. 6000 is HS, 10 kW (ORF 26/7)

BANGLADESH R Bangladesh from 1/8 reduced EG nx bulletins in DS to 10 mins at: 0110, 1530; 5 mins at: 0700, commentary 1540 (WBI 4/8) Return of an old friend! 15280.3, EG to Eu fair w/VOA & jammer QRM including slow speed EG nx 1900 (Gordon Darling, UK, UADX)

BELGIUM BRT ES to Af/Eu 1800-2145 now hrd on 5985 ex-6225, // 17595 1512 (WBI 11/8) The urge to print inband fq is not easily resisted; other sources say 5895 (gh)

BELIZE, see Last Minute Info

BHUTAN R NYAB is on a knoll just beyond and above the capital city, Thimpu, in a 2-storey natural colour cement building, housing studio, offices and transmitter. The single self-supporting steel mast is on the side behind the main building. The xmt is a 300 w unit suppressed to 100. Programming consists of contemporary music from overseas and local instrumentals and vocals. Verifies all correct reports with full data QSL bearing a serial number. Addr is Box 1. Sked Wed-Fri 1100-1400 4620v, Sun 0600-0900 7040 (Adrian Peterson, India, UADX) Hrd on about 4608, very poor, and Sun svc not hrd at all due to propagation but should become audible when we hit bottom of sunspot cycle like in 1972 at 0700 (Victor Goonetilleke, Sri Lanka, ibid.)

BOLIVIA R Cobija, Riberalta, 4856, 0100-0310\* 25/6 with sport, also hrd 7/7 w/ID as "La Voz del Departamento de Pando" (Zella, Cotroneo, Monferini, Bennett, Play-DX) Emisora Cuarto Centenario, Tupiza, 5030, since 6/7 2230-0100\*, sometimes 0115\* (Cotroneo, Zella, Monferini, Lawendel, Play-DX, Italy) R Norte de Montero, 4925, sent personal letter in 55 days, after 2nd tentative report; sent on aerogram w/no IRCs. V/S Leonardo Arteaga Rios, Dir. Addr: Casilla 19, Montero, Depto de Santa Cruz (Clasudio Dondi, Italy's first to QSL this [allegedly], Play-DX)

R Santa Ana, in Santa Ana de Yacuma, obs \*1115 on 4804. In R Illimani nx bulletin 11/7, Urban Education Under-Secretary denied reports that Nicaraguan and Cuban technicians were assisting in the installation of a radio stn on the Bol-Braz border, for the purpose of implementing the literacy campaign. No foreign tech assistance had been necessary so far, but Spain, Ecuador and the Andean Pact had offered technical cooperation (WBI 21/7) R Illimani reported that 20/7 the Pres'd inaugurated new being

eqp at R San Gabriel, stn considered pioneer in adult education. Located in Topocaya sector, run by religious organization, had expanded coverage area by installing a new 20 kW xmtr (WBI 28/7) more, L M I

BRAZIL, LMI

CAMEROON R Douala, testing new xmtr; first day, 11/7, on 4900 at 1850 // 4850, excellent (M Guida, Italy, Play-DX) 14/7 & 15/7 on 4800 2050-2155\*, 0500-, apparently looking for a fq, asking for reports; since 15/7 on 4795 1850-2303\*; local pgms after 2200 (Cacciamatta, Monferini, Zella, Dondi, Calligaro, Lawendel, Guida, 'FS', Play DX) New xmtr of regional stn R Douala, formerly on MW 1106 only, obs 20/7, 21/7 on 4795; 2100 relaying Yaounde EG nx, 2305\* apx (WBI 28/7)

CANADA, LMI

CHINA Re BPM time signals, July LN-18: The reason some Chinese TS are a fraction of a second different from others, and from UTC is that some are emitted coincident with UTC while others are UT1. A check of the last annual report of the Bureau International de l'Heure in Paris (the international coordinating body for time and frequency standards, to which our NRC and your NBS contribute,) shows that the BPM second pulses (or ticks, like WWV's) are on UTC (actually fixed at 10 millisecons in advance of UTC), while the short tone dashed (or beeps, like CHU's) are on UT1. UT1 is 'mean solar time' corrected for a slight discrepancy caused by a periodic wobble of about 15 meters in the earth's axis of rotation. It is the true navigator's time scale and as such is very practical, which is why many UTC time broadcasts also give coded "dUT1" corrections in the form of double pulses or double beeps to allow a user to derive UT1 from the UTC broadcast. UTC, of course, is the internationally coordinated time scale which is derived from atomic frequency standards and which has, therefore, a uniform frequency scale. In spite of this uniform fq, UTC is kept within 9/10 second of the slowly varying UT1 scale by means of "leap seconds" which serve to correct for the accumulated errors in time as practised. At mid-1982 the difference between UT1 and UTC was about 609 ms, but by nearly the end of the year (the 95% point) this difference had decreased to about 272 ms. And so it goes, with the leap seconds being introduced at convenient times to keep the difference less than  $\pm 900$  ms. There are also the UT0 and UT2 time scales! Those interested in learning more about this esoteric but fascinating subject can refer to: a) Time & Frequency Users' Manual, NBS Technical Note 695, US Dept of Commerce, May 1977. b) Frequency & Time Standards, Application Note 52, Hewlett-Packard Co., Nov 1965 (probably out of print now but still available in many labs and libraries). c) NBS Time & Frequency Dissemination Services, NBS Special Publication 432, Dept of Commerce, Sept 1979 (a brief description only). d) the BIH Annual Report for 1982, Paris 1983, from M. le Directeur, Bureau International de l'Heure, 61, avenue de l'Observatoire, 75014 Paris. In this BPM is placed in Pucheng, China, 35-00 N, 139-31E; continuous on 10000; 14-24 UT on 5000, 00-14 on 15000; UTC is given minutes 0-5, 15-25, 30-35, 45-55; UT1 5-10, 25-29, 35-40, 55-59. So the Chinese aren't so crazy after all! (Martin Potter, Ont)

There's a new Domestic Minorities lang pgm from CPBS. Whereas until recently (?) the last in the series of xmsns beginning around 1100 ended at 1456 w/Kazakh, now there's a new one at \*1500-1556\* on 11375 15670, very strong; turned out to be Mongolian when compared with \*1200 which was on at least 8566. Why two hours of MG in the local evening series? Something to do with recent alleged hassling of Chinese in Mongolia? Tuning sig for these is long version of "East is Red"; the Korean \*1000 on 8566 9920 used overseas version as do several if not all the others; Sun 17/7. This is not the only additional glitch in BBCMS PRC material in July LN. 1400 Kazakh is not on 8566 and lower; it's on 15670 11375. There are other problems in the Taiwan guangbo sked; at least I was right in that there are now two distinct Taiwan pgms; that much is not obscured by BBCMS errors -- and more in the ZRGD DS. But I can only perceive them piecemeal. The 0300 RS on 17450 (and likely all associated with it) is not reversed; but I have reported this before. Looks like the majority of problems relate to the info being last season's--actual fqs in use are generally higher than what BBCMS lists. At almost every turn that BBCMS sked is in the Twilight Zone. The DML bcs are almost totally different now that what's listed.

9380: I have been chiding myself for not tuning the bands enough ever since learning about the new ZRGD Taiwan guangbo outlet on 6095 and the newer still on 9455. I made progress toward rectifying this with discovery of the unlisted-by-BBCMS Taiwan guangbo outlet here at 1315 13/7, // 11100 9455 (Program I). So there.

Interesting, Matthew Francis in Tasmania hearing RB EG on 11735 at 1200; will have to check, since the BBCMS sked can't be trusted, but I think that would have put ES right atop DS Pgm I also on 11735 at that time. As bureaucratic as the Chinese are, I can't recall them screwing themselves up in such a way before. I'm sure it has happened with the Soviets, who also seem unable/unwilling to work things out closely with their satellites -- the cochannel junk on 12070 being a good example. There seems to be more willingness on the part of the Chinese to allow ES use of DS fqs, tho, 15880, 11575, 11505, 15500 being some.

RB testing again 15245 11755 c. 27/7 but not commanding the bands as they did last

time. Circa 1200, 1300... Sheesh, 19m--BBC on 11750 now badly bothered by RB up and worse by Taiwan 11745, not to mention the Vietnamese a bit less than a kHz high. Arggh. RB hrd 7/8 on 9535 11755 at 1300, but by 1600 was 11755 15200; 9535 off and 15245 a mass of jamming, so guess that's why they moved. Other programmed and announced //s also hrd. Local nighttime RB reception here awful; 9535 is incredible when they use it, in local mornings.

When RB was on 15245, heard cw on it so started trying suspected feeder fqs. Hit the jackpot on 6995: parallel A1A (hummy) QRM was on 6992, later moving closer to 6991. For a while RB engineers apparently got a notch on it, but it reappeared on the RB sig when the fundamental went to 6991. Other RB parallel this day was 11755, and QRM did not seem to be thereon, but as it's sandwiched so closely by Cuba-11760 and BBC-11755, beat notes at such a high pitch may have been masked by the 5 kHz adjacencies. Only recognizable characters from the A1A were "OMW" repeated several times, and a few jumbled alpha-numerics. This 30/7 1239. Both test fqs have carried identical QRM in past. You can tell if it's on feed by checking if it's on both sidebands of RB signal. The feeder, by the way, is A3E, but with reduced carrier. ITU nomenclature doesn't seem to know what to make of a reduced carrier AM radio-telephone signal with both sidebands.... A UAØ ham calling OOB CQ 6999 was not "repeated" via RB (David Newkirk, Seattle WA)

R Beijing in Esperanto: 1100-1130 Japan & Korea 15100 9860 6825. 1300-1330 SEAs 17745 15165 8425. 2000-2030 Eu 15110 11445 10750 9965 6825. 2230-2300 LAm 15600 11685 11515 (WBI 7/7)

COSTA RICA Since 30/6, R Impacto, TIRS, hrd on 6150 ancing 24h mx & unskd nx. Occasionally carries this EG anmt: "R Impact, CR's new radio stn, can be hrd at 6150 kHz on the 49m band. We would be delighted to receive our listeners' reports on the quality of our signal abroad. Write to us at Radio Impact, Box 197, Santiago, CR." (WBI 7/7) Santiago is incorrect; I recall BBCMS correcting this, but can't find where they did it (gh) San José newspaper La República, 7/7, said CR Minister of Info said image of CR'd be considerably improved abroad when the radio stn "Costa Rica International" started operating. In a report to the Govt Council, which had been approved in full, Minister stated that R Reloj'd xmit on SW and that the Govt'd accepted an offer in this regard. At present R Reloj, commercial stn in SJ, bcs on 730 and 4832 (WBI 21/7) And 6006, haven't you noticed? (gh)

9/7 La Prensa Libre stated that a net of rural radio stns to be known as the Unión Nacional de Emisoras Rurales (UNER) had been created. Composed of 15 stns in remote parts of CR, aim to demonstrate that local stns were of great importance to their respective provinces or communities. New net'd offer very attractive ad rates for all 15 stns or for groups of not less than 4. In addn, pgms'd be prepared jointly for net bcng. This applied basically to sports such as soccer, but something similar was needed for cultural & educational pgms. They'd soon have nx, tnx to support and advice from the Nauman Foundation and the CR Journalists' Assn. Stns comprising the UNER net included R Victoria, R Emmaus, R Alajuela, La Fuente Musical, R Golfito, R Casino, R Bahía, R Sideral, R Cima, R Ultrasonic, R Guanacaste, R Atlántida, R Corobici (WBI 28/7)

CUBA For S83, RHC has several registrations in 13m per the THFBS: 21455 2200-0300, 21500 1100-2200, 21600 2200-0600, 21620 2200-0600, 21740 1100-1700, all intended for SAM. These are tentative HF assignments; there is no guarantee that any, or all will be used (Bob Padula, ADXN) & same goes for further S83 regs below. Weird that RHC et al would anticipate using 13m for first time just when the band is dying and most stns are moving down from it; tho there may be temporary resurgence in fall (gh) RHC on 17613 0150 16/7, SP nx (Chuck Oliver, Spring TX)

Relays of All-Union Radio's domestic Mayak pgm have been hrd again on 4765 on practically a daily basis since 29/6. Xmtr believed to be testing in Cuba (WBI 7/7) Usually obs 1900-1300 apx (WBI 21/7)

CYPRUS BBC relay has its first 250 kW xmtr on air, 1500-2000 17780 Russian; its use at other times is not known (Noel Green, UKOGBANI, DSWCI SWN July)

CZECHOSLOVAKIA 28/7, Czech R DS quoted Ghanaian diplomat who attended World Assembly for Peace and Life against Nuclear War in Prague recently, as saying at a meeting of the UN Special Committee against Apartheid that there'd been talks about using the SW xmtrs belonging to Czechoslovak Radio for bcng the UN's anti-Apartheid pgms to Af (WBI 4/8)

CHILE During a vist in last days of June to the stn R Nuevo Mundo, Santiago, they told me this stn is promptly starting to bc on SW, because they have an old xmtr fixed. They gave no fq (Gabriel Iván Barrera, Argentina) Old WRTHs show it on 5950 or 5955; 11730 or 11740 (gh)

DOMINICAN REPUBLIC R Earth, studios in Neth Ants, xmtr in DR, reported in its 0330

xmsn 22/7 that the Cuban govt'd sent an official note to the Dom authorities denouncing use of a local SW radio stn to criticize and 'offend' the Cuban regime. Dom Pres'd said a spl commission'd been set up to investigate Cuban claim and he'd stressed that foreigners were not allowed to use Dom comms facilities to carry out political activities against other govts. R Earth said that tho the protest note signed by the Cuban Comms Minister 'd said the stn'd been using secret bcng outlets, it had been confirmed that the stn referred to was in fact R Clarín, the same one used by R Earth, whose xmsn was preceded by a pgm oriented to Cuba and Nicaragua. R Earth added that its own pgms were totally independent, non-political and non-religious and were directed to 'mass worldwide audiences'. It was hoped they would not be affected if the Dom authorities decided to take any steps against the airing of the pgms denounced by the Cuban authorities (WBI 28/7) See LMI, Cland...

Coincidentally (?), R Earth resked 26/7 from 0330 to 0200, more like the time they wanted in the first place; LV del CID ancd 3/8 its Máximo Gómez sked via Clarín as 1630-0130. However in the middle of R Earth's GMT Sun 14/8 bc, Clarín vanished from the air and was not hrd again until GMT 20/8, but running own SP pgming at 0200 instead of R Earth; the following night it was off the air again tho there was a carrier on 11695, a fq R Earth hoped Clarín could adjust to (gh) R Clarín off air week of 15/8 due to lightning strikes at xmtr (R Earth 23/8) Earth seems 75min now (gh)

ECUADOR R Nacional del Ecuador, via HCJB xmtr 15350, 2155-0030 SP to Ams relaying DS for listeners abroad incl: 2200-2203 & 2230-2233 Nx headlines; 2300-2330 Sat/Sun En la Noticia nx magazine; 2300-2400 Mon-Fri. 0000-0030 pgm for Ecs abroad. En la Noticia includes 5 mins of nx heads read alternately in SP & Quechua (WBI 28/7)

HCJB S83 EG NAM: 1215-1530 15115 17890, 0030-0700 9745, 0030-0500 15155, 0030-0130 15250, 0500-0700 11910 6095 (HCJB) Am listening to re-bc of HCJB on 15060 at 0040 30/7 in EG. Intermittent lapses in carrier, also very weak. 0100 ID giving fq as ...250 kHz. Don't know is re-bc or spur; 0130 call again but too weak to get fq; started SP (Chuck Oliver, Spring TX) Same old story: mixing product between 500 kW xmtr and other fq on same band: 15250 and 15155 and 15060 are equally separated(gh)

LV de la Juventud, 6522, doesn't anv fq or site, but ads are 100% for town of Catacocha, near Loja, 0145\* (Gabriel Iván Barrera, Aug WDXC Contact via gh)

EL SALVADOR DS of R Nacional de El Salvador obs recently in SP 1030-0500 on 5950 and 9552 (irreg.) // 655, ancs "four powerful signals" on 750 680 660 610 (WBI 21/7) Can anyone confirm 5950, or has BBCMS mixed this up with Nicaragua? (gh) more, LMI

FALKLAND ISLANDS FIBS pgm sked for July indicates 2380 ex-2370, 2030-0230. 3958 continues 1000(Sat/Sun 1100)-2030; 96.5 MHz VHF/FM thruout (WBI 14/7)

FINLAND R Finland ancd 28/7 that 7-14/8 their MW to NEU on 558 1930 would not be available due to possible QRM to TV xmsns from World Athletic Championships taking place in Helsinki. RF'd continue on SW, LW 254, MW 963 then; 963 also incl EG Eu Sats from 2100 (WBI 4/8) Hard to imagine how something as low as 558 could interfere w/TV on VHF (gh) more, LMI

FRANCE RFI in EG 0415 noted on new 11705 20/8 (Rob Harrington, Nashville TN) RFI EG 0415-0430 & 0445-0500 on 15155 11875 11735 9745 7135 6175 3965 (WBI 14/7) more, LMI

GABON R Japan carried out tests to Eu 3/7, 4/7, 5/7, mx mixed w/anmts in JP, EG, FR, GM, SP, PT saying "This is the intl xmsn centre Moyabi in the Republic of Gabon, Africa". In addn to previous sked, there was a test 1030-1100 on 21755. Test for ME 7/7 & 8/7 will be supplemented by another 0530-0600 on 21475 (WBI 7/7) NHK letter says these tests were well rxd in primary targets of Eu, ME, and were therefore success. Reinforced intention of going ahead w/project to xmit RJ pgms by relay from Moyabi (WBI 4/8)

HUNGARY R Budapest has new EG at 1600; and M-F 1050-1120; As M-F 1330 changed to Mon-Sat 1430; all supposed to be on 6025 7155 9585 9835 11910 15160, but at 1600 hrd on 7165 (Andy Sennitt, WRTH, Denmark, RNMN 7/7) 11/7 RB ancd changes in EG due to listener requests: 1100 Mon-Fri expanded to 30 mins 1050-1120; new pgm 1600-1630; Mon-Sat As 1330-1400 retimed to 1430-1500. On fqs above. All other xmsns and times remain unchanged; Greek appears to have been dropped as a result (WBI 14/7) 1600-1630 on 12000 11910 9835 9585 7225 6025, including DX pgm Tue/Fri 1617 (WBI 4/8)

INDIA AIR EG: 2245-0115 on Delhi 7215 9595 11765, Aligarh 15110 15270, Bombay 11895. 2300-2400 Delhi 9735. 0000-0115 Delhi 17790. 1000-1100 Delhi 15170 17705 17387 21695, Aligarh 17875 15320. 1330-1500 Delhi 11810, Aligarh 15335. 1745-1830 Delhi 9595, Aligarh 11620. 1845-2230 Delhi 9665, Aligarh 11620 (Alok Das Gupta, Calcutta, R Australia Japanese DX Time 23-24/7) AIR in Konkani to Eaf 0435-0445 on 17715 15165 (WBI 28/7) Rare opportunity to hear lang spoken in former Port colony Goa (gh)

INDONESIA Indo govt has ancd plans for installation of a hi-powered 250 kW SW xmtr at Cimanggis, near Jakarta, to provide enhanced coverage of DS pgms to Eastern Indo, to serve an estimated 30 megapeople. Secondary purpose to offer alternative appeal to the millions of listeners to R Australia's Indo svcs (ABC News via Ian Eadie, and Melbourne Age via Leon Kolberg, ADXN August) RRI reported 18/7 that the power of the Cimanggis xmtr, construxion of which'd be completed by yearend, 'd be increased (sic) to 250 kW. In addn, 250 kW xmtr'd be installed in Medan to extend coverage areand improve quality of radio bcs for rural areas. RRI also quoted Info Minister that there were some 569 non-RRI radio stns, as compared to 49 RRI's. Regs governing non-RRI stns'd be strictly enforced, especially the one concerning obligation to relay RRI nx bulletins (WBI 4/8)

RRI Sibolga back on 3240 25/6, relaying "Warta berita dari economy" at 1300; was on 5259 in Apr until late June (Sarath Weerakoon, Sri Lanka, ADXN)

[sic]

IRAN VOIRI, Tehran, DS pgm I on Persian: 0230-0530 15084 9023 3779; 0530-0630 3779 (while the others carry Spanish); 0630-1230 17730/15260 15085/sic/ 3779; 1230-1630 17730/15260 15084 3775/sic/(exc 15084 in Bengali to 1315); 1630-1730 15084 9765 9022 7230 3779;(1730-2030 external svc); 2030-2130 same fqs, and 2130+ ES in Persian "The Familiar Voice" (WBI 21/7) Thu 0400-0430 pgm Comment from Colonialist Radios (ibid.)

IRAQ V of the Masses, Baghdad, AR nx & mx 0700-1100 21582.2 // 9555, fair. Not Lebanon as reported by some sources (Gordon Darling, UKOGBANI, UADX May/June)

IRELAND World Music Radio will resume transmissions via Dublin, 6910, from Sept 4, Sun 0700-0900 Eu, GMT Mon 0100-0300 NAM (Andy Sennitt, WMR, RNMN 18/8)

ISRAEL Ship-borne V of Peace off coast of Israel is currently hrd on 6240 //1539 and 100 MHz. Anmts in HB & EG say SW xmsns experimental, requesting reports (WBI 28/7) I suppose BBCMS doesn't make the 'International Waters' distinction--or are they saying it's now within Israeli waters? (gh)

ITALY A stn calling itself R Europa International noted on 9424 peaking around 1430, lots of pop mx & jingles giving fq but no mention of addr or location. R Milano Intl hrd on new 7205, 1025 24/7, QRM-free channel & fair strength (Mike Barraclough & Paul Watson resp., UK, WDXC Contact) R Milano Intl testing new kW xmtr in Torino on 7215 hrd 25/7 1500-1900 in France, Italy (P Cacciamatta, Bergamo, Play-DX)

R Saverio Masetti, Firenze, 100 watt test on 6975 3/7 \*1259-1305\*, IS (Monferini)

RAI Maltese svc 1430-1455 is currently radiated in Italian due to the indisposition of the Maltese ancr! (Noel Green, UK, DSWCI SW News) I believe the Italian word actually means unavailability, not indisposition! (gh)

IVORY COAST, LMI

JAPAN R Japan EG S83: 2015-2045 ME/NAf 11705# 9625. NAM 2345-0045 17825# 15300. N&L&M&Haw 0130-0230 21640 21610 17825# 15195. Eu 0800-0830 21610 17870#. 1830-1930 Eu 11705# 9625. ANZ 0845-0945 15235 11875. SEAs 1215-1245 15235 11875. SAs & Af 1615-1645 15235# 11840. Genl svc alternating hours in JP & EG: As 0100/0730 17810, 0800/1130 15195, 1200/2130 11815, 2200/2430 15195. As 1000/1130 9635, SAs 1200/1430 11840, SEAs 2200/2330 15235. Am 0500/0730 15300, 0800/1830 9505, 1900/2130 15300, 2200/0430 17755. Eu 0100/0530 15135, 0600/0930 17785#, 1500/2130 9675, 2200/0030 9645. Sines relay 0700-0730 15235, 2200-2230 11740. 100 kW except #=200 kW.

(via Bob Bodell & gh)

JIBUTI In a 27/6 bc, Jibuti R reported that the Pres'd inaugurated new xmtr for it. Monitoring over past months reveals noticeable improvement in 4780 reception (WBI 4/8) R Dgibouti, 4780, extended pgm for Ramadan, since 28/6 hrd 1745-2210, but always QRM from R Baku on 4780; better 28, 29, 30/6 (Giuseppe Zella, Dario Monferini, FS, Andrea Lawendel, R Cotroneo, Italy, Play-DX)

KASHMIR AZAD AKR, Muzzafarabad, 1 kW xmtr now on 3670 as noted 17/7 1500. The only real AKR-located xmtr. A lot of DXers who hrd the Rawalpindi relay will have to put back their country scores (Victor Goonetilleke, Sri Lanka, ADXN) Still seems to be some doubt/debate about xmtr locations (Peter Bunn, ADXN ed.)

KAZAKHSTAN Adtl ES from Kazakh R, Alma Ata, obs recently on 7255 5915 5035 900: hkr Kazakh at 1330, 1400, 1500, 1600. R Tashkent in Uighur on same fqs 1430 & 1530 (WBI 21/7)

KOREA NORTH KCBS R Pyongyang ES to SK & Japan in Korean: 2000-2130 SK, 2130-2200 Jpn, 2200-0930 SK 6401 6251 3320, 0930-1030 SK & 1030-1100 Jpn 6401 3320 3015. 1100-1500 SK 6401 3320. 1500-1800 6401 6251 3320 3015. 1800-1930 3015 SK. All + various MW outlets (WBI 11/8)

KOREA SOUTH The 7275 EG offering is "World News Service", not "World Service News",

making the use of 7275 a bit less absurd (David Newkirk, Seattle WA) For S83, R Korea has registered several 13m fqs: 21575 0330-0530 ME, 0600-0900 Eu; 21580 1100-1300 SE As; 21515 2230-0030 SA /sic--SAm or SAs?; 21465 2230-0100 NAm (THFBS via ADXN)

With exception of previously given 7275 svc, here is R Korea complete new sked w/ lots of time changes: 0000-0030 Std CH & 0030-0100 EG to FE on 104.5 MHz; rest SW: 0000-0200 JP FE 9640, 0045-0115 PT Ams 15575 11810, 0115-0200 SP Ams 15575 11810, 0200-0300 EG Ams/FE 15575 11810 9640, 0300-0330 JP FE 9640, 0300-0500 KR Ams on 11810, 0330-0415 RS FEUSSR 9640, FR Eu/FE 11820 7275, 0415-0500 GM Eu/FE 15575 11820 7275; Std CH FE 9640, 0500-0600 EG Eu/Ams/FE 15575 11820 11810 7275, 0700-0900 JP FE 7275 5975, 0900-0930 JP FE 5975, PT LAm 11725 9570, 0900-1100 KR ME/AF/FE 15575 6175, 0930-1015 SP LAm 11725 9570, 0930-1030 EG FE 5975, 1000-1100 KR FE 6135 1170, 1030-1100 JP FE 5975, 1100-1200 EG SEAs/ME/AF 15575 9570, 1100-1300 JP FE 6175 6135 1170, 1200-1245 FR ME/AF 15575, 1200-1400 KR NAm/SEAs/FE 11830 9750 9570 7275, 1300-1330 EG FE 6135 1170, 1300-1345 FEUSSR 6175, 1330-1400 Std CH FE 6135 1170, 1345-1430 Std CH 6175, 1400-1445 IN SEAs/FE 11830 9570 7275, 1400-1500 EG NAm 15575 9750, 1430-1530 Std CH FE 6175, 1500-1600 JP FE 1449 891, 1500-1700 KR NAm 15575, 1530-1600 JP FE 5975, 1600-1700 EG Eu/ME/AF/FE 9870 7550 5975, 1615-1700 AR ME/AF 6480, 1700-1900 KR Eu/ME/AF/FE 9870 7550 6480 5975, 1845-1945 EG Eu 15575, 1900-1945 GM Eu/ME 9870; AR ME/AF 7550 6480; RS FEUSSR 5975, 1945-2030 FR ME/AF/Eu/FE 9870 7550 6480 5975; GM Eu 15575, 2030-2100 JP FE 5975, 2030-2115 SP Eu/ME/AF 9870 7550 6480; RS USSR 15575 15375 7275, 2100-2300 JP FE 5975, 2115-2145 PT Eu/ME 9870, 2115-2200 GM Eu/ME/AF/FE 15575 15375 7550 7275 6480, 2130-2200 Std CH FE 6135 1170, 2200-2245 AR ME/AF 7550 6480; Std CH FE/SEAs/Eu 15575 15375 9640 7275; 2245-2315 PT Eu/ME/AF on 15575 7550, 2245-2330 IN SEAs 15375 9640 7275, 2300-0100 KR FE 5975. (WBI 7/7)

KUWAIT, LMI

LAOS ES on 7045 weaker than HS 6130; \*1145 TI, then VI, KM, FR, EG to 1400\*. Udomsai 6860 1130-1300; Houa Phan 1200-1300 c 4653; Pakse not hrd 6550-6600 (Sarith Weerakoon Sri Lanka, SCDX 12/7) Obs 26/6 (ADXN) 7045 drifts to 7037, EG 1330-1400 (Victor Goonetilleke, Sri Lanka, RN non-MN 28/7)

LEBANON The Christian Phalangist V of Lebanon introed nx in IT daily 1445-1450 on 6550 873 93.2 MHz (WBI 21/7) V of Arab Lebanon, controlled by the al-Murabitun Independent Nasirite Movement, reported that Leb Natl Resistance men'd carried out an opn near border town Metulla against the R&TV installations of "the so-called Voice of Hope belonging to Sa'd Haddad". A booby-trapped car carrying about 70 kg of explosives had gone off near a bldg in Metulla, destroying a large part of the bldg and causing casualties. Monitoring of ME TV ch 12 during eve of 23/7 showed it was on the air but somewhat erratic; 24/7 appeared to be normal (WBI 28/7) see also CRANNY & LMI

LIBERIA In VOA interview 11/7, research scientist for Liberia Rural Comms Net (RCN) detailed project, jointly sponsored by US & Liberian govts to establish radio stns in rural Liberia; 7 originally planned, but for financial reasons only 4: Loffa (at Voinjama), Bong (at Change), Maryland and Grand Gedeh counties. Production base to be set up in Paynesville, edl pgms to be xldt into lcl langs. Problem: in Maryland, where supposed to be one lang, there were actually 7 different mutually unintelligible dialects of Grebos; to be on air at 1985 begin (WBI 14/7)

LIBYA HS talk in AR 15/7 0445 on 7645 (Robert Stafford, Jersey, WDXC Contact) This was in a fq list between 7285 and 9515, so presumably not editor's typo, but? (gh)

MADAGASCAR, LMI

MALAYSIA For S83, R Malaysia, Kuala Lumpur has registered 1000 kW as follows for Overseas Service: 15295 0545-1200 ANZ, 1500-1730 ME, 11900 1000-1200 China/Japan; 17725 1800-2100 Eu (THFBS via ADXN)

MAURITIUS, LMI

MEXICO R Nucleo Oro, 6020, 6/8 1144-1208 ads and mx, really good signal sounding like more than listed 250 watts. Started with a few chimes (Chuck Bolland, FL)

MOZAMBIQUE Nampula, 7435, fair at 1914 17/7, PT features, local ID 1930, may be higher power now; QRM Italian Navy (Steve Thurlow, NSW, ADXN)

NEPAL R Nepal new SW sked: 0200-0350, 0720-1020, 1150-1720 on 5005 9590. All in NP exc EG 0220-0230, 1435-1520. Plans to move 9590 to 7165, but 9590 still noted past week or two (Adrian Peterson, India, RA JP DX 30-31/7) Using 3425 again morn & eve, // 5005 9590, 11/7 (Sarith Weerakoon & G Victor A Goonetilleke, Sri Lanka, UADX) Also on 3425 // 9590 5005 0020-0350 & 1150-1720 (WBI 28/7)

NETHERLANDS RN some EG in S83: ENAm 0230 9590 6165, WNAg 0530 9715 6165, NZ/Au 0730 9770 9715, 0830 9715, all Bonsaire; As 1430 17605 and Madagascr 11740 21480. Af 2030 B17605 B15220 M11740 Lopik=11730 M9715 (Marian Marks, RN 5/7) RN in tent sked from 25/9 shows one 500 kW in use from new Flevoland xmtr site; four 500s and one 100 being

installed and should be fully operational by end of 1984 (Arthur Cushen, NZDXTimes) Jonathan Marks visited new site on the open, windy, flat, desolate Flevoland Polder, "the world's only underwater radio stn", 100m below sea level. Some masts already up, three of five xmtrs installed, testing into dummy load. The 100 kW is a little boomer for reserve. Being built in Belgium and delivered with most parts mounted. Antenna matrix system'll be computer controlled. Six masts are up, two halfway. No antenna wire in place yet, but hoped to get on with that w/in next three weeks. First ant to go up will serve N&SAm and As. Highest tower is 120m for 49mb. Took two days to put up those large masts; positioning them required spl crane. Xmtr bldg also has ant observation point, a sort of clear bubble atop, allowing engrs to look for physical damage caused by rotten wx. Several offls from other stns visit, incl a team from Finland soon. Hope to go into full opn by end of 1984 (MN via Webster, DXO July)

NEW ZEALAND Pirate news: R Freedom/R Star has dropped 41m and 23m, and now calls self "KIWI", Kiwi Radio on 11844 and stronger on harmonics 5922, 23688 w/5 watts. Power to be incr on conclusion of tech problems. Pgms C6W & EZL mx. Reports wanted, no rp req'd. KIWI Radio, P O Box 1437, Hastings, NZ. However, xmsns may conclude permanently in Aug for economic reasons (Letter from stn via NZDXTimes)

R Tropical: I am concerned that some overseas reports insinuate that 'senior members of a major NZ DX club' know more about this stn than they are letting on. Stn has been reported from many parts of NZ, and I note it has apparently given calls to NZDXRL members. No veries reported to DX Times and no recent reports of reception noted. If any member does have info about this stn which will clarify its status, then I'd appreciate hearing from them. I particularly wish to ensure that our reputation for honest and accurate reporting is not compromised in any way (David Ric-

quish, NZDXTimes)

NICARAGUA A July 11 letter from V of Nicaragua says EG at 0100 & 0400 on 5950, but soon will have new sked and 2 new 25m fqs, 11715 and 11840 (Someone in OH via Andy Sennitt, RNMN 18/8) Those two fqs not registered for S83 (Sennitt) 11715 already used sporadically recently with low power. 11840v used briefly years ago pre-Sandinista. Can't wait for them to start QRMing RMSV via Havana, hi (gh)

VON hrd in EG 31/7 0423-0503\* on 5950, 44444; 1/8 0117-0200 when switched to SP, on 5950, 21432. This is a composite report on the nearly identical pgms: 1. Contact 248, mailbag w/LAM mx mixed with letters; name refers to their P O Box number. 2. TCs in local time. 3. Several IDs w/jingle, slogan "A free voice in America", "sovereign territory in Central America." 4. List of requirements for US citizens visiting Nic. 5. "We don't want war, but will defend by every means possible the rights we have won." 6. Several statements on Sandinista health progress and land reforms. 7. Bulletins on Cam & Nic nx, obviously slanted against the US. 8. Many LAM songs. 9. Excerpts from a speech by Ortega, leader of the junta. Aside from the TCs and nx, all the other parts of the pgm those two nights were exactly alike! Nx may have been identical too, but am not sure. All the songs and statements wex identical, but were in different order. Believe VON may be automated, w/"mix & match" splice-together of a finite number of items. TCs, the correct--strange (James Wildman, Cape Elizabeth ME)

VON ES w/some pgms: 1100-1300 SP 11715 ancd & 5950: 1100-1103 nx summary, 1115-1120 intl nx, 1120-1130 commentary, nx, mx; 1137-1145 editorial from "El Nuevo Diario" 1200-1230 relay DS nx, 1250-1300 nx. 2300-0100 SP 5950: 2305-2310 Nicaragua Today, 2330-2335 Nx, 2335-2345 "Today, Here, Now"--domestic, intl nx & commentary; 0000-0010 Nicaragua Today, 0030-0035 Nx. 0100-0200 EG: 0100-0107 Nic Today, 0130-0137 Nx 5950. 0200-0400 SP 5950 repeat 2300-0100; 0400-0500 EG repeat 0100-0200 on 5950 (WBI 21/7)

NIGERIA Eyes widened at an entry in Robert French's utility column in a Jan 83 sample of DX Reporter: Donald Stidwell, Baltimore, reported hearing a relay of R Nigeria on SSB 17971 at 1250; no date given as is usually and infuriatingly the case with this rehash of the NNRC. This clicked. I reached back for my log of 15/10/77 on 17975.3: "R Nigeria, strong w/IS 1400, ID, nx by man. On USB, fine quality when tuned properly. Nx from abroad at 1406. Highly compressed tho it may have been my AGC. End of nx 1412, off air, then short exch of voices. May have been relay by somebody. Sounded like FR or vern, reply in EG something like 'That was the African nx for you'" These fqs are allocated worldwide to aero mobile svc, so likely a relay from ground stn (D Newkirk)

PAKISTAN, LMI  
PAPUA NEW GUINEA R Western, Daru, 3305 kHz hrd well at 0900, still here, not on 3050 as reported by Andy Sennitt, MN 30/6. R Central, Port Moresby, 3290, strong \*1900 w/ full ID, short devotional svc, morn mx 1905 (Arthur T Cushen, MBE, NZ DX Times)

PARAGUAY 9/7, R Primero de Marzo ancd that R Ñandutí'd been ordered to close for 30 days by Interior Ministry. Stn was accused of disturbing public order and creating social alarm (WBI 14/7)

PERU New stn is R Acobamba, 5322, from Acobamba, Departamento de Huancavelica. Sked

1100-0230 (José L Carbone, Perú via Gabriel Iván Barrera, Argentina) Stn on 7050 is R Celendín, 3735 is R Huamachuco, 3835 probably R Huanta del Sur, 5740 is R Yungay, 0.1 kW addr Camino al Cementerio, Yungay, Ancash. Inactive are R Victoria 9720, R Panamericana 5980, R La Crónica 6123 (Gabriel Iván Barrera, WDXC Contact August via gh) La Voz de Oxapampa is new stn on 3260, 1 kW, 2230-0400. R Vila Rica, Pasco Dept is an unofficial stn w/100 w on 75m, fq unk, 2300-0100 (José L Carbone via Andy Sennitt, WRTH, RNMN 18/8) R Pampas, Tayacaja, often hrd on 4854 0115-0316, beautiful mx some of it Italian (Zella, Monferini, Cotroneo, Cacciamaatta, Bennett, Lawendel, Play-DX, Italy, 11/7)

Network information; refer to WRTH 83 for stn number identities. Nueva Fed de Emisoras Cruz del Peru, Avenida Los Incas 117 (Casilla 57), Nasca; director Fernando Cruz Rondinel. Stns: 45), 52x), 53), 76), 113), 172), 186). Organización Roberto Cruzado, Francisco Masías 575, San Isidro, Lima. Director Roberto Juan Cruzado Solari; Tech Dir Carlos Zegarra Echeagaray; sked 24h; stns: 32), 77), 112), 143), 159). Sociedad Radiodifusora Comercial S.A., Jirón Cádiz 285, Lima 27. Main stn: 167), sked 24h. Affiliated stns: 24), 26), 34), 56), 61), 88x), 74), 99), 116), 158), 180), 187). at 1000-0500. Associated stns: 50), 87), 115), 120), 137), 171), at 1000-1400, 1700-19 00, 2300-0100 (Aug WRTH LA Newsletter)

R La Merced, Chanchamayo Dept, is OCY4J on 4960.3, 500 W Platos-brand xmtr made in Perú, 30% US type mx, 30% LAM mx, 40% varied; spl slot for folk mx in morns, per QSL letter from Teodorico Fidehl F, gerente. Addr on flashy envelope differs from WRTH: Jirón Junín No. 171, Apartado 112, La Merced (Ralph W Perry, TX, RNM Japan)

PHILIPPINES R Veritas Asia, Manila, EG: 0000-0030 SEAs 15280 15195, 1430-1500 India & SL 15240 11955 (WBI 11/8) FEBC, Manila, EG: 0000-0500 FE/S&SEAs, Eaf 21512 15305. 0500-1000 FE/AuAs 21512 11890. 1245-1600 FE/S&SEAs 15440. 2300-2400 SEAs 15460 and 21512 (WBI 11/8) R Veritas upsets Sri Lanka govt, see LMI

POLAND R Polonia and that from 11/7, EG svc'd be extended by four half hour xmsns a day, for total of 10hpd. Novelty of new sked was merging of Af & Nam svcs into one EG svc, tho w/retention of previous direxional aeriels and spl spots for listeners in these areas. All xmsns in Swedish have been dropped in favor of the new EG: 1130--1155, 1500-1530, 2000-2025 on 7285 6095 5995 3955 1503; 1730-1855/sic/ 9540 6135 6095 5995 3955 1503. The 1730 pgm was previously on 9540 6135 only (WBI 14/7) R Polonia also appears to have dropped Finnish, replacing it w/Esperanto & Danish. Two EG pgms are carried now at 1730, not one: 1730-1755 9540 6135; 1730-1800 9675 5995 3955 1503. Target areas not ancd, but fqs used suggest both to Eu. RP ancd 15/7 there were 16 bcs in EG to Eu & overseas between 0630 & 2230, plus two 1-hour bcs to Nam 0200 & 0300. The former cmbined PL/EG bcs to Nam now obs 0200-0300 & 0300-0355 EG, 1130-1225 PL (WBI 21/7) However, when fully monitored R Polonia EG sked is reported as: 0200-0300 & 0300-0355 Nam 15120 11815 9525 6135 6095. 0630-0700 Eu 9675 7270 6135. 1130-1155 Eu 7285 6095 5995 3955 1503. 1200-1225 Eu 7285 6095. 1230-1300 Af 15120 11840 9675 9525. 1400-1430 Eu 7285 6095. 1500-1530 Eu 7285 6095 5995 3955 1503. 1600-1630 Eu 9540 6135. 1630-1700 Af 11840 9675 9525 7125. 1730-1755 Eu 9675 5995 3955 1503. 1730-1800 Eu 9540 6135. 1830-1855 Af 11840 9675 9525 7125. 1830-1900 Eu 7285 6135 5995 3955 1503. 2000-2025 Eu 7285 6095 5995 3955 1503. 2000-2030 Af 9675 9525 7145 7125. 2030-2055 Eu 7285 6095. 2230-2300 Eu 7270 7125 6135 5995 1503 (WBI Polish Pathfinders Stn, 1 kW on 7205 & 6195, 1100-1700(Sun 0900-1700), en- 28/7) tertainment pgms produced by the Polish Pathfinders Union (WBI 28/7)

PORTUGAL unID time stn, same as previously noted on 5402, hrd 1/8 on 10410, 2335-2347 on USB, PT YL every 10 sec w "O segundo final serão -- horas, -- minutos, -- segundos" followed by 2 pips. 0005 recheck had audio breaking up badly. Also checked while listening to Paraguay on 10415, and would pop up every now and then for a few secs thruout eve. TCs for GMT+1, F-G level (David Crawford, DXSF) Could that be "Ao somido final serão..."? That would make more sense (gh)

Since 4/8, RDP IS has relayed a 25-min nx bulletin from DS RDP-1 at 1200 in svc to Af 1100-1300 on 21700 & 17800, exc on Sun 7/8 when mx instead. Bull is repeated at 1230 (1000 Sat & Sun) in Eu svc 15125 11800 9740. These replace separate ES nx (WBI 11/8) For S83, R Portugal has registered several new channels, incl 21570 0900-1030 FE, 9520 0030-0330 Nam, 21735 0900-1030 China, 21685 1400-1630 Naf/ME/India (ADNX)

QATAR For S83, Doha has these tentative assignments: 11740 1730-2130, 11885 0245-07, 17895 1300-1730, 21525 0700-1300 for ES w/250 kW (THFBS via ADNX) QBS had nice sig lately on 17910 1530-1630 (Kirk Allen, Ponca City OK)

SCOTLAND Current SW activity here confined to a few unoffl stns w/relatively low power. However, some bcs are being hrd thruout Eu and'd provide excellent targets; R Lynda, first xmsn 26/9/82 on 6840, then moved to 6262, but Vat QRM caused move to 6230. Was to test in July on 7320 0900-1000 subject to availability of 80 watt xmtr.

Sked on 6230 is 0900-1000 on alternate Sundays. Reports to : John Dean, Box 13, Falkirk. Radio Stella, present sked is 7318v on first Sundays. 3/4/83 it tested to USA on 7325. Reports to RSI, 48 Pentland Park, Loanhead, Midlothian, EH20 9AP. Radio Freedom operates first and 3rd Suns, UTC mornings on 6228, also ancs 9420 but unhrd there as yet. Reports to Dept. 5, 67 Elm Row, Edinburgh EH7 4AQ (Jonathan Gordon-Till, UKOGBANI, Aug ADXN)

SEYCHELLES FEBA final S83 fq sked: 7275 0027-0215. 9510 1627-1730. 9515 1827-1845 (1900 Sat/Sun). 9535 0045-0115 & 0248-0321. 9600 0127-0214 (Fri-Tue 0229). 11760 0230-0248 (exc Mon), 1612-1700. 11780 1700-1716 (Wed-Sat 1731), 1731-1803, 1815-1833. 11800 0312-0400 (Sat/Sun 0500), 0457 (0500 Sat/Sun) 0530. 11845 0327-0415 (Sun 0445, Fri 0500) 11855 0217-0305, 11865 1222-1415. 11895 1415-1608, 1608-1626 (exc Mon). 15170 0230-0248 (exc Mon). 15200 0312/0530 as 11800. 15320 1415-1500. 15325 1222-1415, 1500-1608. 15405 1057-1145 (Sun/Thu/Fri 1215). 15410 1612-1700, 1700/1833 as 11780. 15430 0912-1000 (Mon & Wed 0945). 17875 1057-1145 (Sun/Thu/Fri 1215) (FEBA, gh)

SOUTH AFRICA, LMI SRI LANKA, see PHILIPP LMI  
SUDAN Sudanese news agcy SUN reported that during a 20/7 meeting w/Minister of Nat'l Guidance & Info, Pres Numayri issued his directives to begin the Koran BCing Stn as of next August. (WBI 28/7) R of the Dem Rep of Sudan reported that xmsns of Holy Koran Radio, V of Music and R of the Sudanese Nation'd commence 1/8 on separate fqs, "to promote the bc'ing services, which aim to satisfy the desires of the honourable listeners". The People's Pgm (AR: Idha'at ash-Sha'b) 'd begin bc'ing in Sept, thus complementing the other new svcs and the General Pgm. As a result, R of the Dem Rep of Sud'd bc 34½ hpd, increase of 16½ (WBI 11/8)

SWAZILAND Final S83 xmtr sked: #1: 0300-0345 & 0400-0430 3200, 0530-0730 6070, 1530-1615 4760, 1630-2015 3200. #2: 0430-0700 9730, 1445-1530 9640, 1600-1645 5055, 1700-1745 3275, 1800-1845 7295. #3: 0300-0345 9640, 1600-1845 9640 or 9525, 1900-2015 on 9525, 2030-2145 9715. #4: 0300-0345 3335, 0430-0600 5055, 0615-0730 11760, 1630-1715 9710, 1845-1945 9710. #5: 0300-0345 3275, 0400-0430 7295, 1600-1830 4790 (TWR via gh)

SWITZERLAND, LMI

TAHITI FR3, Papéété, now s/off at later time of 0800 instead of 0730, in FR & TH on 6135 9750 11825 15170 (Matthew Francis, RA JP DX 6/8) Not when I checked 11/8, usual 0730\*; and it's now RFO, isn't it, like other French overseas stns, as FR3 no longer exists? The Aussies have a tendency to assume that a 2 kHz drift is a permanent de-berate fq change, and apparently the same applies to time variations, hi (gh)

TAIWAN BBC, CBS, VOFC "Chung-yang Kuang-po tien-tai tsy-yu chung-kuo chih sheng", bc to Mainland: 0945-2200 Cantonese 9690 6040, Hakka 3335. 1000-1130 Mongolian, 1140-1310 Tibetan, 1320-1500 Uighur all 11905. Std Chinese Net-1 24h: 2045-0100 11905 7250 7150, 0100-0345 7250, 0345-0700 11905 7250 7150, 0700-1000 11905 7150, 1045-1600 7250 7150, 1600-1900 11905 7250 7150 /MW portions & fqs omitted here/. Std CH Net-2, 24h: 2150-0950 7105, 0950-2150 11775 6180. Std CH Net 3, Nx & Mx 0955-2200 on 9630 6087. (WBI 4/8) The 11775 directly above explains the jamming often marring BBC-Antigua between 1100 and 1330 (gh)

THAILAND R Thailand, Bangkok ES, 50 kW 11905, 100 kW 9655, 10 kW 927: 2250-0425 EG incl nx 2340, 0000, 0100, 0200, 0300, 0400. 0430-0500 FR, 0500-0600 EG, 0915-1000 Laotian, 1000-1030 Std CH, 1030-1100 TI, 1100-1130 VT, 1130-1230 EG, 1230-1310 Cambodian, 1310-1400 ML, 1400-1430 JP, 1430-1500 BM. THFBS shows 11905 beamed to SEAs, 9655 to ENAm (WBI 11/8)

TURKEY Turkish Polis Radio, Ankara, hrd 0558-1000 & 1058-1600 daily on 6340, also ancs 95.5 FM (WBI 14/7) TRT VOT in Turkish for Turks abroad: 0355-0900 15435 15220 11820 7160, 0900-1000 17885 15220, 1000-1500 17885 15220 11955 9670, 1500-1600 17885 15220, 1600-2200 15220 9670 9610, 2255-0230 17760 11740 (WBI 21/7) Probably outdated as before & after last xmsn given using 11755 to NAM in EG (gh) VOT using new 7155 ex -9610 EG Eu 2200-2300 (Matthew Francis, Tasmania, RA JP DX 6-7/8)

U A E R Dubai hrd on 15435 0330 9/7 w/EG nx, seems ex-15430 (Chuck Oliver, TX)

U K O G B A N I Despite increased use of satellites to feed its relay stns, BBC continues to use SSB xmtrs too and 'll do so mainly as back up in future too. Two of these xmtrs, SSB Senders 1 & 2 using 30 kW PEP via rhombics tunable over all fq ranges are located at Daventry and during the EDXC visit there at the end of May were working as follows: Sender 1: 11070 0015-0300 & 2200-2315, 12189 0300-0715, 15670 0715-0815, 20455 0900-1615, 12127 1615-2200. Other fqs available are 26490 22930 19455 18172 9858 9320. Sender 2: 6838 0015-0415 & 2200-2315, 20345 0900-1615, 15670 1615-2015, 12179 2015-2200. Other fqs available are 19455 12129 12127 9320 7685. Both SSB & ISB modes are used, fqs changed should propagation require at request of rx stn at

relay site. Not intended for general reception but could provide useful signal during periods of difficult reception, providing you have correct eqp. Two more SSB senders are at Rampisham but their use may be disrupted due to installation work (Noel Green, UK, DSWCI SW News) BBC feeder on 9320 at 2239 27/7: EG on USB // 15070, PT on LSB // 15390 (Chuck Bolland, Lakeworth FL)

BBC withdrew 25650 0900-1330 for As/Au beam 5/7 due to work at Daventry and poor propagation. Will be retained for a short time 0900-1330 for ME/Af. 9410 Eu 1615-1800 suspended Mon-Fri due to xmtr refurbishing. And from end of Aug, Singapore relay'll be fed via satellite & pre-shipped tapes discontinued; should improve audio quality particularly on topical pgms. Already uses satl for Canada, Cyprus, Masirah. Planned for new satl links to Ascension, Antigua, 1984, now served by SSB feeders. When Sing starts satl, SSB radio feeder'll be used as standby (Waveguide via Jonathan Gordon-Till, Don Rhodes, Alok Das Gupta, ADXN)

U S A WRNO revised S83 sked: 1700-1900 17775, 1900-2200 15420, 2200-0000 11950, 0000-0300 9705, 0300-0500 6185. Sun also 0500-0600 6185, 0600-1200 6110, 1200-1400 9715, 1400-1700 11940 (George Jacobs, MD, 8/8) World of Radio is thus sked GMT Sat 0430 on 6185, GMT Sun 0230 9705, Sun 2330 on 11950. During Aug the 0230 bc was pre-empted by exhibition football, but started late such as 0315, 0330. During the regular football season, some of the 2330 broadcasts are likely to be pre-empted or delayed. To be surest of hearing W.O.R., start checking for the first bc (gh)

VOA hrd on 12060 at 0315 16/7 w/baseball game (Chuck Oliver, TX) VOA does not bc baseball games. AFRTS does, via VOA xmtrs, and this is 2 x 6030 (gh)

KGEI S83 ITU registrations: 9525 0230-0615 Eu/USSR; 9675 0930-1230 USSR/FE/SEAs; 5980 1230-1400 USSR; 11745 1400-1600 Eu/USSR. All 500 kW (ADXN) 500? I thought they only had 250; and this omits the LAM svc, probably w/very little change as usual(gh)

UPPER VOLTA Radiodiffusion Télévision Voltaïque, Ouagadougou, DS: Mon/Tue/Wed/Fri 0530-0900, 1200-1400, 1600-2400; Thu 0530-2400; Sat/Sun 0700-2400. 4815/9515 50 kW; 4815 until 0800 Th/Sa/Su, then 9515 until 1600 when 4815 resumes (WBI 21/7)

UZBEKISTAN R Tashkent in EG at 1415 on 15458 (Jean Philippe Lebon, Réunion, WDXC)

VATICAN PJP2 to reshuffle Vatican Radio, L'Osservatore Romano, and the Press Office in October (UPI via SCDX 9/8) VR on 15115 0205 27/7 EG, ex-15110? (Chuck Oliver, TX)

VENEZUELA R Nacional on unlisted 21855 at 0000-0030 in SP (P B Fowke, Plimmerton NZ, July-Aug NZ DX Times) R Ideal, Caraballeda, 5060, 1045 songs, 1100 ID (Owen Cullen, Hikurangi NZ, ibid.) R San Cristóbal, 9570 1 kW says sked is 1000-0400 (WRTH-LA July)

VIETNAM Nghe Tinh now hrd on 4705, -1145 VT relay of Hanoi, 1145-1320v\* VT local pgms. Full ID not confirmed, but Nghe Tinh ment'd during pgm annts; last hrd early 1982 when on 4783 (Hiroyuki Komatsubara, Japan, DX Front Line 2/8 via gh) Hoang Lien Son on 5602 & 6626, ex-6599, often KOed by Bac Thai nearby (Komatsubara and Isao Ugusa, ibid.) Tent. Ha Tuyen again hrd on 4819 +1130-1230\*, +1130-1330\* Sun, all local pgms in VT; amazing they have no ethnic lang pgms (Komatsubara, ibid.) Yes, there are 14 ethnic groups in this largest province, indeed strange (Ugusa, ibid.) Gia Lai-Kon Tum changed sked, obs in July: \*1030-1100 VT local pgms, 1100-1145 VT relay Hanoi, 1145-1230\* Mon-Sat Montagnard, 1230-1245\*Sun VT local pgms all on 4687 (Ugusa, ibid.) Lai Chau moved to 6588 ex-6570 since 15/7 but 25/7 back to old 6570. When they were around 6588, nearly co-channel w/Fakse, Lai Chau dominated there. Binh Tri Thien back on 4669 \*1300-1355\*; Lang Son 6510; Cao Bang 6521; Bac Thai moving between 6618-6630 (Isao Ugusa, DXFL 2/8)

YUGOSLAVIA R Yugoslavia in EG: 1430-1500 Eu/ME/FE/S&SEAs 15300 15240 7240. 1730-1800 Eu/ME/Af 11735 9620 6100. 1900-1930 Eu/ME/Af 9620 7240 6100. 2115-2130 Eu/NAW 9620 7240 6100 1269. SW relays of R Belgrade DS pgm I 1245-2205 9505 7200. All one hour later after DST period (WBI 14/7)

**UNIDENTIFIED** 10000 6/8 \*0322-0323\*, a drunk-sounding guy came on over WWV and said WWV was no longer a std time stn--this was the new one. He then gave a long, whoop-type ID (I think) which I couldn't hear. "At the tone it will be 3 hours and 29 cents" or some such, and then went off. Hadn't come back by 0332 when I tuned out. Not terribly strong, but no het (Mike MacCollum, Harbor Springs MI) 7410, pirate presumed 0404-0410\*(?) 4/7, feature about 28/3/64 & R Caroline. 0409 xmsn break, 0410 carrier gone, SIO 232. 7389, presumed pirate 0429 -0439 4/7, weak, them from "Good, Bad & Ugly", "Instant Karma", Lennon, ancr almost impossible to understand, SIO 232 at peak; pulled plug or f/out 0439 (Richard A. D'Agelo, Wyoming PA) 5340 22/7 0145-0220 someone relaying an FM stn from Fort Myers FL; IDed as 97 FM so assume it was WINK. 43333, not hrd since ("ROR/5", SWNS)

## CLANDESTINE CRANNY

Argentine Annie has verified! Those of you with memories of 17740 kHz going back as far as 1982 and a taste for signed photographs of the lady should redouble your efforts to track "Liberty" down. Sorry, I can't give away any more information than that (John Campbell, June DSWCI SW News) Oh, come on now....

R Soberanía Nacional, LMI  
R Farabundo Martí 1/7 and it bc at 1230 (not Sun), 1830, 0100. Obs 6/7 0100-0200 & 1230-1330 on 7040 & 6930, both + 10 (WBI 14/7) In an interview on R Sweden International's Sweden Calling DXers 12/7, a rep of RFM on a fundraising visit to Eu spoke about the opn of these stns. Both R Venceremos & RFM were located within El Salvador, not Nicaragua as had been claimed by some opponents. RV was in Morazán province, whilst RFM came from an underground base in Chaltenango /sic/. The hours of xmsn were different; too, RV carried more mly info about FMLN opns, whilst RFM was 'more or less the basis of democratic revolutionary govt of the future'. (WBI 21/7)

R Guatemala Libre The rep also spoke about this new stn, R Free Guatemala, which was being planned by rev friends in Guat. Not yet functional, but tests being conducted. RFG'd use two fqs, on SW and FM. It wasn't possible to say whether they'd use 31 or 40mb, but at the moment, experiments were being made in 40 (WBI 21/7) About time

La Voz de Sandino, hostile to Nic govt, reported 29/7 that the "Lanza Squad, a member of the Democratic Revly Alliance's Info system" 'd carry out a daily bc at 18 h local on 106 MHz FM and over TV ch 2 (WBI 4/8) Lhave been listening to the xmtr of Edén Pastora Gómez for the past several weeks. This notorious guerrilla fighter, aka Comandante Cero, has stn around 6275, usually 0554\* or continue in Miskito, otherwise all in SP. At times you have a female ancr w/5-digit code numbers; 12/7. 19/7: They now transmit also on FM, each xmsn lasting 5 mins, fqs incl 120, 140, 150, 195 MHz. These are directed to the Nic population and carry coded messages. Mostly 6-10 pm local time. 6275 now seems to be sending from inside Nic judging by nx and other pgming. They are reading lists of 'war criminals', encoded messages, war bulletins, just as of last night #35 on a battle near Costa Rica border, etc. ("BST", SWNS) This one noted on 6220a 28/7 w/apparent La Voz de Sandino ID at 0119 during Miskito; no sign of LV de Nicaragua Libre at that time. LV de Sandino ID again on 6220a 0158 31/7 then a LV de Nic Libre ID was hrd on same fq at 0220. So these two ARDE stns are apparently again sharing a common xmtr (SWNS)

### La Voz del CID, LMI

Spy Numbers Hrd Spanish #s stn, 5 digits, not repeated, in both MN & IN on about 6886 or so. Seems unusual in that number groups seem to be recorded as a group instead of being spliced together from individually recorded numbers, as seems to be the case with many (most?) other spy stns. This usually is on at 0600 or so (Mike MacCollum) Seriously doubt physical tape-splicing involved in others; talking machine

Four digit Spanish #s stn w/YL ancr monitored on 4665a, goes on all night and usually starts on the hour w/message sent twice in a half hour period. Vy strong in NH ("BST", SWNS) Noted 4/8 on the fq just before 0300 w/strength roughly comparable to the presumed Cuban Mayak relay on 4765. Carrier does not stay on between xmsns (C M Stanbury, Ont, SWNS)

The now-notorious stn of 3646 was first noted on this fq 10/3/82, having previously appeared randomly on 3445. A few years back 3040 was regular, and often ran continuously thruout local eves w/no breaks. Now 3646 is by far the most active, and is audible all night. During daylight, 7397 (ex-7383) is the most active, but usually runs open carrier, w/few actual messages. New fq 6211 first noted here 24/7 after 2200, on simultaneously with 3646 and 7397 but not //either. Other fqs to watch are 4640, 4720, 5015 USB, 5499, 5645, 5661, 5892, 6065 (most commonly hrd ones underlined) These stns are rather bafflesome, and are so hysterical as to be amusing (David Crawford, DXSF 10/8)

R Truth 5015, \*0430-0500\* 1/8 w/bird call IS, pop tune, ID, into highly propagandized nx, strongly anti-Mugabe, commentary, pop mx. Many references to R Truth in 3rd person, e.g. "...R Truth would like to point out that..." Best on USB. Voz da Resistência in well on 4950 as well, i.a. Excellent nite for southern Af; tnx to Parks for tip on this one (David Crawford, DX S Florida)

Voz de África Libre, anti-Mozambican stn, not hrd since Apr. This coincides with the killing of Orlando Cristina, the genl secy of the Moz Resistance Mvmt (MNR) and main editor at the stn. Cristina was victim of internal power struggle; mvmt is supported by South Africa (Afrique-Asie, French magazine via Jacques Groen, Neth, SCDX 12/7)

V of Mozambique National Resistance Tho ancd that its regular bcng svc on 4764'd be inaugurated 1/7, continued to carry repeats of its 23/6 xmsn until apx the end of the 2nd week in July. New pgming in PT & verns spoken in Moz first obs 17/7 & 18/7 (WBI)

(PT: A Voz de Resistência Nacional do Moçambique), 0400-0500 & 1700-1800 in PT & verns on 4764. Operated as V of Free Africa from Gwelo, Zimbabwe, from summer 1976 until 13/2/80 when closed down. Again hrd from diff location 31/3/80. Last hrd IDing as VOFA at 1700 12/5/83. Was hrd again 23/6 ancing in PT as VOMNR (WCI 4/8)

V of Namibia pgm presented by SWAPO and bc by Zimbabwe Bcing Corp continues hrd on Mon/Wed/Fri 1900-1930 in EG, AK, Namibian verns (WBI 7/7)

V of the Broad Masses of Eritrea Obs 1430-1630 8/7, 9/7 on 14337, 6260-6265, 7400-7460 (WBI 14/7)

R Bardai, supporting Transitional National Union Government under Goukouni Oueddi, hostile to Hissein Habré, IDing as "This is Bardai, Chad National Radio, the voice of liberation" at apx 1800-1830 FR, 1830-1900 colloquial AR, 1900-2000 local langs, on 6009. First hrd Feb 83, shares xmtr w/anti-Upper Voltan govt stn V of the UV Pop Rev. Ancs it bcs from Bardai, town in extreme north Chad, but xmtr believed to be in Libya. (WBI 21/7) Monitoring obs on 5/8, 6/8, 7/8 indicate V of the Upper Voltan Popular Revolution has closed down. Was believed to be in Libya, sharing xmtr w/R Bardai on 6009, not hrd when checked these dates. But 5/8, R Bardai remained on air one hour later than usual closing at 2130 (WBI 11/8) And making Nam reception more possible (gh) One evening on 6009 hrd EG from Libya giving "25m" instead of Bardai (Ginbey, RSA, RNMN 18/8)

V of Palestine Kol Israel reported 14/7 that Yasir Arafat's supporters had inaugurated a new radio stn by this name in Tripoli, Lebanon; only test xmsns at present (WBI 21/7) V of the Palestine Revolution Libyan nx agcy JANA in a report datelined Damascus 30/7 quoted spokesman of "new revly mvmt of Fatah" (hostile to the leadership of Yasir Arafat) as saying it'd decided to establish a new radio stn of this name Kuwaiti nx agcy (KUNA) report also from Damascus 30/7 said al-Fatah opposition leaders and plans to establish a VOPR stn either in Syria or in the central Lebanese Beqaa Valley (WBI 4/8) V of Palestine, V of the Palestine Revolution Stn named this in AR hrd \*0500 2/8 on 1412, supporting Arafat; opened w/the "Biladi" anthem and ancd: "Oh masses of our struggling Palestinian People! Oh masses of our glorious nation! This is the VOP, VOPR. We will always be with you, telling the truth inkeeping with a brave bullet and expressing your aspirations, defending your revly line as the mouthpiece of the PLO, of its natl charter and of the political pgms issued by the Pal Natl Council". Gave sked as daily 0500-0700 & 1530-1730 on 1412 kHz (WBI 4/8) Believed to be located in north of Lebanon, continues hrd; ancd from 9/8 eve bc'd be 2h later, 1730-1930; morn still 0500-0700 (WBI 11/8) 05-07 & 1730-1945 on 1412; times v (WBI 18/8)

Bizim Radio, the stn/pgm of the Turkish Communist Party, has been a 'guest' in Romania and E Germany in the past (and present too, e.g. 9584). but is being a little more adventurous on 5915 (and 6025?). A Russian-assisted cland beamed to Iran lives there, but Bizim R has been hrd once in place of it (Noel Green, UK, DSWCI) Another technician to the salt mines? (John Campbell, DSWCI Ed.)

V of Iraqi Revolution Hrd again 26/7, 27/7 on 7000, having been untraced since March. Amnts said VOIR'd be on the air 1400-1500 w/repeat of 0300-0400. The V of the Iraqi People stn remains untraced (WBI 4/8) V of Iraqi Kurdistan, 6257 15/8 Kurdish 1505-1607, AR 1607-1635\* (WBI 18/8)

V of the Iranian Revolution 1/8 ancd it be daily 0915-1000 in Kurdish & 1000-1030 in Persian on 46 and (?41) m. Pgms repeated 1230-1315 Kurdish, 1315-1345 Persian. Stn obs 2/8 0910-0940 on fq varying between 6420.1 and 6460.8 (WBI 11/8) 7245-7300, 6420-6440, 6366-6383 variable (WBI 18/8) So 3 xmtrs, then?

R Salvation of Iran (Persian: Radyo Nejat-e Iran), pro-monarchist and hostile to Khomeyni and the Iranian govt, 0305-0400 9032 repeating 1830-1925 on 11660, both in Persian. First monitored 23/6 but may've been on the air since at least 21/3 (WBI 7/7) /Cf Aug LN-22/Correct addr is thought to be P O Box 102, DK-2670 Greve Strand, Denmark and not as published (WBI 21/7) Hmm, Greve Strand is also the HQ of the Danish SW Clubs International (gh) Clear ID in Farsi 0404 just before 0405\*, seemed to come on 9032 at 0330. Obviously using same xmtr as R Vatan; 16/7 (Craig Seager, ADXN)

R Vatan \*0415 suddenly on 9032 ex-9027; gave addr in W Germany at 0427 and has QSLd in the past. // 15555 16/7, in Farsi (Craig Seager, ADXN) R Vatan now sked 0405-0600 on 15555 9027, 1605-1800 on same (Shigenori Aoki, Nagoya DXers Circle, via RA DX 14/8) 27/5 & 28/5, R Vatan (Homeland) hrd on 14990 0405-0605, 1605-1805 w/anti-Khomeini pgms, but now back to wellknown 15555 (Supratik Sanatani, Asian DX Review) m/b Wood's unID!

V of Iran is hrd 0330-0400 on 15315, 1805-1900 on 15355 9785 9605 (Aoki, as above)

V of the National Army of Democratic Kampuchea extended VI segment by one hour, currently s/off 1330 ex-1230. 23/5 surprised to hear them w/orch/instl mx from 1345 to 1415. Perhaps entertaining those resistance groups battling Viet forces w/some western delicacies! Meanwhile Prince Sihanouk has threatened to quit the anti-Viet Cambodian coalition he's headed for a year in a new dispute with his non-communist resistance partner Son Sann. So watch out for new developments (Sarah Weerakoon, UADX) On 5200 1000-1300 & 2300-2400 Cambodian; 1300-1330 Vietnamese (WBI 18/8)

V of the Kampuchean People In 11/7 issue, Bangkok nrxpaper Matuphong reported a high-level mly source as saying that the Kamp Peoples' Natl Libn Front of Premier Son Sann was preparing to set up a radio stn, VOKP. It was located at a secret site in Kampuchea. Stn'd carried out trial xmsns for a week, being thrice daily in Camb lang on MW. No info as to when being'd begin officially. Per source, stn's xmtr power'd limit reception to a 100 km radius. Part of eqp'd been donated by the Singapore govt in 1982. More eqp needed to incr power (WBI 14/7)

## NORTH AMERICAN PIRATES

V of the Border, 6/8 0412 on 7425. Whose border is anyone's guess, but from strength and fading, it probably was quite a ways away (Robb Browne, W Allis WI)

"KPRC" Rxd from Pirate Radio Central, 1616, a plain paper, no data QSL, in reply to two reception reports, one 5 months old, another 2. Both sent to ancd Exeter NH add and return postmark was for Middlesex-Essex MA (Paul E Choroszy, Saco ME, 8/7) The MW pirate KPRC was hrd here 26/7 on SW, 6209, 0320-0600, saying this fq was // 1616. They had mbg pgm, mx, took calls from listeners, gave NH addr (Kirk Allen, Ponca City OK)

R Angeline(tent.) Hrd 2/7 0616-0625\* on 7390. Seemed very satirical, sig not good enough to understand much. Almost no mx, just "You Are My Sunshine" u/ID & whistling notes at 0619. At t/in hrd what sounded like white people trying to talk like black people, but unseemed of V of Tomorrow or WKKK ilk. Mentioned "our revolution" and "White Sands Missile Testing Range" concluding w/hi quality sound-effects. Closed w/IDs in several langs, finally EG; 80% certain of name; similar to R Cland but am fairly certain it was not that. SIO 343-444 (Mike MacCollum, somewhere)

R Highlander, 7430, 0353-0357\* 4/7, Scottish sounding instl mx, ending w/ID, signal/carrier gone/cut. Never hrd of this one before; 353 (Richard A D'Angelo, PA) Most interesting of the 4/7 pirates, 0336-0357 on 7429.7. M opr played mx sounding muchlike Scottish highland tunes, G sig and very pretty mx (Kirk Allen, Ponca City OK)

"WRAM" was on 7430 around 1830-1840 26/6 reading reporters' names, then playing rock (SWNS) unID, possibly WRAM, 7/7 Thu nite, local, rather different for a pirate, 0339-0406 t/cut on 7425. Sig fairly unintelligible due static, couldn't make out IDs, but 0353 ancd phone number, and something about Reagan & Cam, 0344-0347. Talk of revolution 0355, which made me wonder if this was a political stn, but maybe referring to rev in mx. They played 4 songs of somewhat heavy rock, SIO 222 (Mike MacCollum, ?) FCC has busted WRAM in Levittown PA; no, I wasn't involved in it (Bill Oliver, 23/8)

R Free Insanity 13/8 2238-2245\*, after phone tip to check 98.7 FM at 1900, checked but didn't hear until had another chance to check--first FM pirate I've hrd anywhere.. End of song, 2245 ID, mx to s/off. Strong sig, very clear, but could still hear mike clicking on or off at one point. Hope to hear more from them (Mike MacCollum, Indy IN)

Jolly Roger Radio, 94.1 FM, Bloomington IN has been getting a lot of press by returning to the air and taunting FCC. Operator "The Flying Dutchman" says he's moving to England where he expects less trouble from authorities, and may go SW there. Power here reportedly 1 kW (via Ken MacHarg, and Mike MacCollum)

V of Democracy 20/7 0247 on 7430a, ancd as 7530. asked for calls to NYC # but then left air. Hrd again 30/7 on apx ancd 6225 0215 t/in w/classicalmx. 0235 ancd Wash DC loop #, and later one in NY, then obviously fake communist propaganda supposedly relayed from R Moscow's studios via satl, sometimes IDing as V of Communism. By 0310 xmsn clearly intended to be taken as satire. Somewhat heavy handed but quite funny in spots especially a few of the mbg bits. F strength, G mod, but HNL (CM Stantonbury, SWNS)

V of Democracy hrd 21/7 & 22/7 on 7408 & 7428.5 resp, commentaries and Billy Joel mx (Kirk Allen, OK) VOD/VOC hrd from 0307 to 0316 when I had to leave 30/7 on 6226a, ancd 6225. Rather interesting spoof of VOA/R Moscow; gave phone 212 283 9977, which was answered by a tape; seemed to have anticipated several questions so pre-recorded answers, yes, no, Battle Creek adr, and then just pressed the right buttons. M & F (or pretender) reading letters from praise from all over the world, including Khomeini and a Cuban worker. Excerpts from Tchaikovsky's Piano Concerto No. 1. Closing ID by a bland and earnest fellow. Anmts about VOC and VOD relaying each other, few VOD IDs mixed w/bit of US NA, off, but back on later when checked 0424-0432\* w/same IS tape. (Mike MacCollum, Indianapolis IN)

R Northstar International was busted by the FCC Sunday 21/8 around 2000 UTC. He had been on the air 45 min before being visited by the 'head cheese' (Lani Pettit, IA) Was located in southern California (gh)

Radio U.S.A. Hrd 7/8 0357-apparent s/off 0408 on 7375a, SSB, best in LSB. Claimed to be coming from Atlantic Ocean, 200 W; gave A\*C\*E addr, send several 20c stamps for QSL; DJ claimed to be "Mr Blue-Sky", all this in 0404 amnt. Mx seemed mostly rock, 0405-0408, then amnt, dead air, no noticeable carrier, SIO 333-232 (Mike MacCollum, Harbor Springs MI)

R Clandestine 2/7 0521-0557\* on 7375. Nice mix of humor and mx, a switch from the other times I've hrd them, when mx easily predominated. Spoof of the old "Mr Wizard" show, amusing little bit with string of IDs going on far too long, amnts by host R.F. Burns, engineer Boris Figutsky and a YL named "Wanda Lust," who gave the stn's addr (Box 982, Battle Creek); mx included more conventional pirate-type fare as well as an 'oldies' section w/2 songs. Hi quality bc, G strength, audio quality, fq selection and pgms--I only wish that I could hear them more often; SIO 444. Again hrd 7/8 0302-0352\* on 7400a. Thought this was CID at first, as hrd several rock songs in a row, but 0313 ID by R F Burns. This bc consisted mostly of mx, w/occl interruption, as 0323-26 spoof of Emergency BC System. Sig not very good at first, with much static and fading, but it got better. SIO 222-333 (Mike MacCollum, Harbor Springs MI) 7/8 0316-0353 on 7400. Host R F Burns had a "test of the universal space ship and flying machine imperative locator, this includes all UFOs" (Kirk Allen, Ponca City OK)

R Crystal Ship 4/7 0441-0510 on 7425, ID mentioning 4lmb. 2 ancrs talking about Independence Day; gave Box 245 addr, mentd QSLs. Said they were "violating FCC regulations" and "oh boy, we're in trouble now." Rock mx, 0455 played preacher condemning rock & roll. 0501 "let us take you to another time and another place where Halloween is every day." More mx, SIO 242. Also 1/7 0304-0331\* on 7425, SIO 232, rock, IDs w/fq playing preacher condemning rock & roll, ID asked for phone calls to (301) 840-9948; unfortunately none rec'd so they s/off with "73s and fight for free radio" (Richard A D'Angelo, Wyomissing PA) 301 = Maryland

New Wave Radio Int'l, also IDed as NWRI, on 7430.8, around 0500 4/7 (Kirk Allen, OK)

WOIS (?) Another 4/7 pirate on 7438.8 around 0500 (Kirk Allen, Ponca City OK)

KQSB Another 4/7 pirate, on 7432.8 around 0500. Again 14/8 0406 on 7385.1, "The Old Art at Play", ancd mail-drop addr, P O Box 2571, Shawnee Mission KS 66201(Allen)

LAST-MINUTE INFO ALASKA KNLS Anchor Point hrd on 9690 since 26/7; 1232 EG lesson, 1300 CH talk & ID to 1331\*v; strong sig, but poor fq due to jammers against CBS Taiwan; 11820 is barely audible 1430-1600 w/strange mixture of RS religion, jazz & pop mx (Ernie Behr, Ont)

BELIZE Caribbean Nx agcy CANA reported 9/8 that the House of Reps'd passed bill providing for proper admn, management and regulation of radio & TV. Deputy PM, responsible for bcng, said new law long overdue; govt'd promised Belizeans ntl TV, and planned to meet its commitment (WBI 18/8)

BOLIVIA The Lam stn reported on 6081.5 is definitely R 21 de Diciembre; hrd them since 19/2 w/ID; check Apr LN-17 (Ernie Behr, Ont)

BRAZIL A VOA fq div rep indicated that from 14/8 Radiobras'd relay VOA in SP to Lam 0100-0300 via two 250 kw xmtrs, on 17870 & 15390 (WBI 18/8) R Nac da Amazonia hrd on new 6120 since 6/8, PT pgm, mx 0100-0200\*v, vy strong but BEC QRM; // 11780 15445. R Universo, 11905, from 0100 w/"Voz da Libertação", // 6020; both strong 8/8; no longer varies to 11906 (Ernie Behr, Ont)

CANADA RCI is installing three new 100 kw xmtrs to replace the old 50s, and as a result Mon-Fri several of the 250s are off the air during the daytime, e.g. the African service 1800-2000 is only on 17820 50 kw; however if weather is bad the normal schedule will be in effect, as it is on weekends. Similar restrictions on the Eu svc, carried on Daventry relays only (RCI SWL Digest 20/8 & Eu svc 21/8) The 50s are hardly used by RCI at all but for the CBCNQSWS, so are the 100s actually for it?

EL SALVADOR R El Salvador was back on 9553.25 in SP 1200-1330 f/out 7/7, but gone a few days later (Ernie Behr, Ont)

FINLAND Per amnt from R Fin 15/8, plans to intro new EG pgm for Eu 4/9, "Good Morn-

ing" at 0630 (0730 from 25/9) on 11755 6120 (WBI 18/8)

FRANCE RFI plans to bc in EG to FE in 1984 or 85; Swahili, Hausa and other Af langs in 1984. Once Guiana relay on air, greatly expand PT & SP to LM, maybe EG and FR to NAM (RFI spokesman on SCDX 23/8)

IVORY COAST Rdif Ivoirienne, Abidjan, Natl Svc in FR: 0600-1600 11920 7215 4940; 1600-1900 11920 7215 (incl EG nx 1800-1815); 1900-2100 11920 7215 4940. 2100-2400 4940. Pgm in verns 1600-1900 on 4940 (WBI 18/8)

KUWAIT R Kuwait Genl pgm 0225-2215 in AR: 0225-0400 9840 6055. 0400-0500 21545 17850 9880 9840 6055. 0500-0600 21545 17850 15495 9880 9840 6055. 0600-0730 15495 11990 6055. 0730-0930 17650 15495 11990 9750 6055. 0930-1300 17650 15495 15110 11990 9750 6055. 1300-1505 21675 17650 15495 15110 11990 6055. 1505-1600 21675 15495 11990 9840 6055 3950. 1600-1800 21675 15495 11990 9880 9840 6055 3950. 1800-2105 15495 11990 9880 9840 7120=from 1830 6055 3950. 2105-2215 15495 11990 9840 6055. 2nd pgm & forn lang svcs: 0158-0500 Koran Arab Gulf, FE, Eu, NAF, S&SEAs, NAM on 15495. 0500-0800 EG Gulf/FE/S&SEAs/Eu/NAM 15345. 1600-1800 Urdu Gulf/S&SEAs/Eu/NAM 21545 to 1745. 1800-2100 EG Arab Gulf/NAF/SAF/Eu/NAM 11675. External svc to Eu in AR 0815-1300 21675 (WBI 18/8)

LEBANON 9/8 issue, Tel Aviv nspaper 'Ha'aretz' reported Israel'd given permission for a radio stn to be set up by the Druze in the Shuf mtns, in terr controlled by Israeli forces. Druze'd promised in return to refrain from anti-Israeli bcs. Previously Druze'd opd radio stn in terr now controlled by Syrians. For several months they'd been asking the IDF for permission to establish a new stn & xfer eqp from old (WBI 18/8) R Lebanon to Af hrd on 15360.4 1830-2030 incl EG 1830, AR 1900, FR 2000, not on 15355 (J P Turner, SCDX 23/8) Press reports that KING destroyed, but WORD hrd since on new 684 in Cyprus (SCDX 23/8)

MADAGASCAR (or PAKISTAN) Cf Aug LN-18 & May LR-20. Re Mitch Sams' complaint, I found no record of his original 6132 logging in French; however, since gh requested more info on this unID, I suggested Pak as another possibility, but I never claimed a definite ID (Ernie Behr, Ont)

MAURITIUS Regarding a report of Mauritius on 9709.4, I have noted a fairly strong carrier on this exact fq almost daily since early July, 1100-1145a, but never any trace of modulation (Ernie Behr, Ont, 12/8) MBC, Port Louis, 0100-1835(Sat 1905) on 10 kW: 0555-1430 9710, 1430-1905 on 4855 incl pgms in FR, EG, Indian langs, Hakka, Cantonese. The 1030-1430 segment is Indian langs with 1100-1105 nx summary (but Sun one hour later), and 1355-1410 news. The Indian langs are Gujarati, Hindi, Marathi, Tamil, Telugu, Urdu (WBI 18/8) Apparently on at 0100 but no pgms mentioned by BBCMS

PAKISTAN Karachi regional svc 1400-1800 on 4727 (Victor Goonetilleke, SCDX 23/8) Quetta hrd at 0100 on 4879 (W German reporter to UADX via SCDX 23/8)

PHILIPPINES In a despatch from Colombo, Sri Lanka, AFP reported 13/8 that SL Foreign Minister'd summoned the Phil ambassador to express SL's "deep concern" over bcs by the Phil-based Roman Catholic R Veritas. SL authorities said RV'd been beaming "highly inflammatory reports" in its Tamil & Sinhalese bcs, as well as 'derogatory refs' to SL's armed forces during the communal riots (WBI 18/8)

SOUTH AFRICA R RSA S83 EG: 0200-0256 Nam +11730 9615 +5980. 0300-0426 C&E&SAF on 9585 7270 +5980 4990 3230. 0630-0730 W/E/SAF/UK/Eire 17780 15220 +11900 7270. 1100 -1156 C&E&WAF/UK/Eire/ME +25790 21535 15220. 1300-1556 C&E&W&SAF/UK/Eire/ME +25790 9585 15220. 2100-2156 Waf/UK/Eire +17745 15155 9585 7270. +=500 kW, rest 250 (gh)

SWITZERLAND Red Cross Bcing Svc Sept sked of 'beamed' eqs: 27/9 As 0945 EG 21695, 15305, 9560; 0955 FR & 1005 EG 21505. 29/9 ME/Af 0945 FR, PT, EG on 21520 17830 15-430; 0945 AR 21630 (WBI 18/8)

CLANDESTINE LV del Cid bcs via R Clarin suspended last Tue by Dom Telecomms Office, for containing --??-- expressions against a forn govt; Today, Dom Assn of R BCers formally protested suspension, saying govt position not right and this should be decided in court (R Earth 23/8 news) R Natl Sovereignty R Cadena YSKL in San Salvador quoted anonymous callers to nx agencies that a new stn, R Soberania Nacional'd begin being 13/8 0000-0200 & 1200-1400 in 41 & 43mbs. 0000 14/8 hrd on 7075, "v of a free people who resist slavery of intl Marxism, who like and respect human rights, offer their blood to prevent a violation directed from Moscow..." Closing amnt 0040 said 1200, 1800, 0000, 0200; hrd 0200-0220 6960, 1200 & 1800 on 7075 & 6960, the latter w/ 10 sec delay (WBI 18/8)

# QSL REPORTS

Sam Barto  
NASWA QSL Editor  
47 Prospect Place  
Bristol, CT. 06010 USA.



**ADMIRALTY ISLANDS:** Radio Manus 2428 personal ltr in 32 ds. for ms. (Warner-AUST).

**AFGHANISTAN:** Radio Afghanistan 4450 f/d "Bamyan-Buddha" cd. in 2 mo. for 2 IRCs. (Barto-CT). 11960 f/d "Buskaschi" cd. in 100 ds. for 2 IRCs. (Vranes-IL). 15077 cd. in 60 ds. for 2 IRCs. (Plum).

**ALASKA:** KNLS 11820 f/d ltr. w/ brochure in 10 ds. for ms. \* v/s Francis M. Perry, Director of Engineering. (Davis-)

CO). 17880 p/d ltr. in 12 ds. for ms. (Hosmer-MI). 11940 ltr. in 10 ds. (Hazeltine-WA).  
**ALGERIA:** RTV Algiers 17745 f/d ltr. in 30 ds. for 2 IRCs. v/s L. Bouse, Chef, Chaine Espag-  
\* note. Reported and rcvd. ltr. in SP. (Pye-FL).

**ANTARTICA:** LRA36 15476 Radio Arcangel San Gabriel p/d cd. w/ personal ltr. in 60 ds. for an  
EG rpt. v/s Mario Hector Santinoni. (Brenesal-FL). in 3½ mo. for a SP rpt. v/s Jose Bilbao  
Richter, Teniente Coronel. (Insinger-NJ). p/d "Logo" cd. in 162 ds. for a SP rpt. and  
2 IRCs. v/s Hector Luis Reppeto. (Stephany-NY). f/d cd. w/ stickers and a paper flag in  
3½ mo. for a taped rpt. (Aden-OR). 15474 "Logo" cd. in 6 mo. (Johnson-TX). **AFAN** 6012 cd.  
in 24 ds. for 2 IRCs. (Warner-AUST).

**ANTIGUA:** BBC 6175 n/d "Bridge" cd. in 31 ds. for EG rpt. (Martin-IN).

**ARGENTINA:** RAE 15345 f/d cd. in 33 ds. for an EG rpt. and 2 IRCs. Pennant and sticker rcvd.  
(Martin-IN). same in 35 ds. v/s Roxana Larghi. (Fortney-PA). f/d cd. w/ Malvinas stamp  
in 33 ds. w/ pennant. (Palmerheim-MN). 11710 cd. w/ pennant in 29 ds. (Kanopka-NY).

**ASCENSION ISLAND:** VOA 17830 f/d cd. in 12 ds. (Plum-NJ). 21490 f/d cd. in 72 ds. (Clifford-  
\* FRC). Radio Atlantico del Sur 9710 "We are unable to confirm" ltr. in 17 ds. (Fortney-PA)

**ASIATIC RUSSIA:** Radio Moscow 9795 via Komsomolsk-on-  
Amur f/d cd. in 5 wks. (Plum-NJ).

**AUSTRALIA:** Radio Australia 9570 f/d "Kookaburras" cd. in  
30 ds. (Aden-OR). 15160 same cd. in 18 ds. (Kanopka-NY). 21740 cd. in 15 ds. for 2 IRCs. (Brouill-  
ette-MO). same in 15 ds. v/s Peter Barnett. (Blanchette-FL). 15240 f/d "Fairy Penguins" cd. in 23  
ds. for 1 IRC. (Kapinos-MA). 17795 f/d cd. in 20 ds.  
for 1 IRC. (Kapinos-MA). 15115 ltr. w/ lapel pin in  
6 mo. (Park-HI). VLI6 6090 via Sydney cd. in 7 ds.  
for ms. (Warner-AUST). VNG 7500 f/d "Melbourne" cd.  
in 30 ds. (Cones-VA). VLW9 9610 via Wanneroo f/d  
"Map" cd. in 30 ds. (Cones-VA). same in 17 ds. for  
1 IRC. (Palmerheim-MN).

**AUSTRIA:** ORP 5945 f/d "Phantasmagorical Landscape" cd.  
in 58 ds. (Fortney-PA). f/d "Glass Towers" cd. in  
54 ds. (Kremer-SC).

**BALI AND LESSER SUNDAS:** RRI Stasiun Regional 1 Kupang

\* 3385 n/d 2 page personal ltr. in 55 ds. for an IN rpt. and ms, 2 IRCs. v/s Daud Yusuf  
Maro, Kepala Seksi Siaran. (Vranes-IL).

**BELGIUM:** BRT 9880 f/d "Royal Palace" cd. w/ sticker in 84 ds. (Blanchette-FL). ltr. in 19  
ds. for 1 IRC. (Caravan-PA). 17550 mimeo ltr. in 23 ds. for 1 IRC. (Kapinos-MA).

**BENIN:** ORTB Station Regionale de Parakou 5025 n/d cd. in 5 wks. for a FR rpt. and 2 IRCs.  
(Lazarus-LA). f/d cd. in 1 mo. for a FR rpt. (Field-MI). same in 3 wks. for 1 IRC. (Swar-

\* ingen-NC). n/d "Bio Guera Square" cd. in 3 mo. for a FR  
rpt. and 3 IRCs. (Lobdell-MA). n/d "Lamba Warriors"  
cd. in 80 ds. for a FR rpt. and 2 IRCs. (Steph-  
hany-NY). n/d "Bubale Antelope" cd. in 46 ds.  
for a FR rpt. and 2 IRCs. (George-NC).  
4870 via Cotonou f/d cd. in 36 ds. for  
an EG rpt. and ms. (Choroszy-ME).

**BOLIVIA:** Paititi Radiodifusion 4870 f/d  
\* prepared cd. w/ personal ltr. in 3½ mo.  
for a SP rpt. and ms. v/s Dorian Arias  
Montero, Director General. (Lazarus-LA).  
Radio La Cruz del Sur 4875 p/d "Monte  
Illimani" cd. in 89 ds. for a SP rpt.  
and ms. (not used) (Reinstein-FL).  
Radio Norte 4937 n/d ltr. in 6 mo.  
for a SP rpt. v/s Leonardo Artega Rios,  
Gerente. (Field-MI). Radio Fides 4845 prepared  
cd. w/ personal ltr. in 22 ds. for a SP rpt.  
and ms. v/s Arturo Beltran C. (SubGerente).  
(Reinstein-FL)....Nice selection of stations!



Radio Korea



**BONAIRE:** Radio Nederland 9590 f/d cd. w/ sticker and pennant in 13 ds. (Kanopka-NY). 6165 f/d cd. w/ pennant in 46 ds.

**BORNEO:** RRI Stasiun Palangkaraya 3325 f/d (Fortney-PA).

\* personal ltr. in 18 ds. for an IN rpt, ms. and 2 IRCs. v/s Djoko Suryanto. Addr: Jl. M.H. Thamrin No. 1, Palangkaraya, Kalimantan Tengah. (Vranes-IL).

**BOUGANVILLE:** Radio North Solomons 3322.5 ltr. in 70 ds. for 2 IRCs. (Warner-AUST).

**BRASIL:** Ceara Radio Clube 6105 n/d cd. in 1 mo. for a PT rpt \* and ms. v/s Manoel Eduardo P. Campos, Director-Presidente.

\* (Wilkins-CO). Radio Araguaia 4905 f/d prepared cd. in 17 ds. for a PT rpt. and ms. (Lazarus-LA). Radio Rio Mar 9695

cd. in 38 ds. for a PT rpt. and ms. (Warner-AUST). Radio Nacional do Brasil 15290 f/d "Congonhas do Campo" cd. in

22 ds. (Wilkins-CO). f/d "Recife" cd. in 20 ds. for ms. (Niekamp-MN). f/d cd. in 18 ds. for ms. (Kapiros-MA). Radio

Clube de Marilia 3235 f/d prepared cd. w/ personal ltr. in 7 mo. for a PT rpt. and ms. (Lazarus-LA). Radio Educa-

dora da Bahia 6025 f/d prepared cd. in 1 yr. for a PT rpt \* and ms. v/s Sergio Mattos, Director. (Lazarus-LA).

**BULGARIA:** Radio Sofia 9700 f/d "Bachkova Monastery" cd. in 66 ds. (name?) f/d "Pamporovo" cd. in 42 ds. (Plum-NJ).

cd. in 53 ds. (Kremer-SC). same cd. in 40 ds.

**BURUNDI:** Radiodiffusion Nationale du Burundi 3300 B&W cd. in 2 mo. for (Sobkoviak-IL).

\* a FR rpt. and 2 IRCs. (Lazarus-LA).

**BYELORUSSIAN SSR:** Radio Moscow via Minsk 15150 f/d cd. in 29 ds. (Fortney-PA).

**CAMEROON:** Radio Garoua 5010 f/d ltr. in 131 ds. for an EG rpt. (Carleton-ONT). Radio Bertoua 4750 f/d form ltr. in 9 wks. (Wilkins-CO). Radio Bafoussam 4000 p/d form ltr. in 57 ds. for ms. (Palmerheim-MN).

**CANADA:** CFRX 6070 new "Airplane" cd. in 12 ds. for ms. (Kapiros-MA). cd. in 16 ds. for 1 IRC. (Warner-AUST). cd. in 16 ds. (Kremer-SC). CKZU 6160 Vancouver cd. in 22 ds. for 1

IRC. (Warner-AUST). CHU 7335 p/d cd. in 28 ds. (Edmonton-NY).

**CAPE VERDE ISLANDS:** Radio Voz de Sao Vincente 3930 p/d cd. in 124 ds. for an EG rpt. and \* 2 IRCs. (Stephany-NY).

**CELEBES:** RRI Stasiun Regional 1 Kendari 4000 p/d ltr. in 35 ds. for an IN rpt. and ms.

\* v/s Drs. Eddy Sihombing, Kepala. (Vranes-IL). RRI Stasiun Gorontalo 3265 f/d personal \* ltr. in 35 ds. for an IN rpt, ms and 1 IRC. v/s Sudirman Hala. (Vranes-IL).

**CHAD:** Radio Moudou 3286 ltr. in 1 1/2 mo. for a FR rpt. and 1 IRC. v/s Drong Guela Ketchoua. **CHILE:** Radio Patagonia Chilena-Coyhaique 6080 personal ltr. w/ photo (Johnson-TX).

\* in 3 wks. for a SP rpt. v/s Paul Ojeda, Gerente. (Lobdell-MA). same in 41 ds. for a SP rpt. and ms. (Bryant-OK). f/d prepared cd. w/ personal ltr. in 19 ds. for a SP rpt. and ms. (Reinstein-FL).

**NOTE:** Best get this in before I forget... There are many well-know and avid QSL collectors that are members of NASWA. You draw upon the information and v/s that we provide. Although you certainly have the option to contribute or not, if you draw upon other peoples contributions, please contribute yourself... Sam

**CHINA, PEOPLES REP:** Radio Beijing 17650 f/d "Fragrant Hills Park" cd. w/ pennant in 26 ds. for a SP rpt. (Fortney-PA). 17855 "Great Wall" cd. w/ pennant and stickers in 30 ds. (Fortney-PA). 15225 f/d "Tiantan Park" cd. w/ pennant in 15 ds. (Wilkins-CO).



**COLOMBIA:** Radio Macarena 5973 n/d ltr. in 32 ds. for a SP rpt. and ms. v/s Enrique Zambrano \* Nieto, Gerente.(Wilkins-CO), same in 59 ds. for a SP rpt.(Stephany-NY). f/d personal ltr w/ prepared cd. in 1 mo. for a SP rpt. and ms.(Lazarus-LA). p/d ltr. in 35 ds. for a SP rpt. tape and ms.(Choroszy-ME). Emisora Ondas del Ortegua 4975 f/d personal ltr. in 58 ds. for a SP rpt. v/s Carlos Julio Rodriguez. Sticker rcvd.(Fortney-PA). Radio Super de Medellin 4875 personal ltr. in 640 ds. for a SP rpt. and ms. Stickers rcvd. v/s Enrique Rios.(Kanopka-NY). Emisora Armonias del Caquet 4915 n/d personal ltr. w/ cd. in 2 mo. for a SP rpt. v/s P. Alvaro Serna Alzate, Director.(Field-MI). cd. w/ poster in 31 ds. for a SP rpt.(Warner-AUST).

**COOK ISLANDS:** Radio Cook Islands 11760 f/d "Conch" cd. in 19 ds. for 2 IRCs. v/s Nooroa E. \* Tangaroa.(Kanopka-NY). same in 2 mo.(Johnson-TX).

**COSTA RICA:** Radio Reloj 4832 cd. in 36 ds. for a SP rpt. and 2 IRCs.(Warner-AUST). Radio Nacional de Costa Rica 6035 n/d ltr. in 3 mo. for a SP rpt. v/s Juan Ramon Gutierrez A., Director.(Barto-CT).

**CUBA:** Radio Habana Cuba 6020 f/d cd. in 100 ds.(Talbot-ALTA).11760 f/d "Guama Tourist" cd. in 91 ds. w/ pennant and personal ltr. v/s Maria Montero Triana.(Fortney-PA).

**CYPRUS:** BBC 15420 n/d cd. in 63 ds. w/ sticker.(Carleton-ONT).

**CZECHOSLOVAKIA:** Radio Prague f/d cds. in 43 ds. for many rpts.(Fortney-PA).

**DENMARK:** Radio Denmark 15165 f/d cd. in @ 1 mo. for 1 IRC.(Kapinos-MA). f/d cd. in 15 ds. for 1 IRC. v/s Fette Andersen.(Martin-IN).

**DODECANESE ISLANDS (Rhodes):** VOA 7205 f/d cd. in 15 ds. v/s Jennifer Dierffey.(Fye-FL). 15305 f/d "Rodeo" cd. in 8 ds.(Hosmer-MI).

**DOMINICAN REPUBLIC:** Radio Clarin 11700 f/d huge "Map" folder cd. in only 63 mo! for an EG/ SP rpt. and 2 IRCs.(Vranes-IL). Radio Maximo Gomez 11700 via Radio Clarin f/d prepared

cd. via the Chicago address in 11 ds. for a SP rpt. and ms. v/s Pablo Pena, Secretary of Information-CID.(Wilkins-CO). La Voz del CID 11700 via Radio Clarin f/d prepared cd. in 9 ds.(Gliksman-IL). same in 6 ds.(Sobkoviak-IL). f/d prepared cd. w/ ltr. in 10 ds. for an EG rpt.(Swaringen-NC). f/d cd. in 20 ds. for a SP rpt. and 1 IRC.(Cones-VA). f/d cd. in 13 ds.(Stephany-NY).

**ECUADOR:** Radio Bahai 4996 p/d cd. w/ poster in 35 ds. for a SP rpt. and ms. v/s Marcileo Quinteros M.(Plum-NJ). same in 1 mo. for ms.(Valko-PA). Radio Quito 4920 n/d folder cd. in 79 ds. for a SP rpt. and ms.(Niekamp-MN). HCJB 21477.5 f/d "Control Desk" cd. w/ poster in 45 ds.(Park-HI). 15175 f/d \* "Antennae" cd. in 45 ds.(Park-HI). La Voz del Napo 3280 ltr. in 11 wks. for a SP rpt. and 1 IRC. v/s Fr. Evelio Ortiz, Director.(Wilkins-CO).

**EGYPT:** Radio Cairo 9475 cd. in 126 ds.(Cassidy-IN). f/d "Sadat \* Memorial" cd. in 4 mo.(Field-MI). Radio Vatan 15555 n/d "Flag w/ Antenna" cd. in 34 ds. for an EG rpt.(Barto-CT).

**EL SALVADOR:** Radio Venceremos 6852 n/d ltr. in 8 mo. for a SP rpt. via Mexico City. QSL mailed via Managua. v/s Rolando Martinez.(Vranes-IL).

**EQUATORIAL GUINEA:** Radio Equatorial-La Voz del Rio Muni 4926 ltr. in 6 wks.

\* for a SP rpt. v/s Agustin Eduf Esono who states that he gets many reports from the USA with \$\$\$ in them! (Valko-PA).

**EUROPEAN RUSSIA:**

Radio Moscow via Serpukhov 15375 f/d cd. in 5 wks. (Plum-NJ).17860

\* via Leningrad cd. in 44 ds. for a FR rpt.(Rigas). 11840 via Moscow f/d cd. in 56 ds. (Sobkoviak-IL). Radio P&P 21615 f/d "Red Square" cd. in 131 ds. (Carleton-ONT).

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**FALKLAND ISLANDS:** FIBS 3958 cd. w/ personal ltr. w/ \* Commemorative envelope in 27 ds. for 2 IRCs. (Warner-AUST). f/d cd. in 20 ds. for 2 IRCs. (Bryant-OK). same in 68 ds. for a tape and ms. v/s A.R. Davies. (Carleton-ONT). same in 7 wks. for 2 IRCs. (Wilkins-CO).

**FEDERAL REP. OF GERMANY:** Deutsche Welle 9590 f/d cd. in 49 ds. (Gaffin-NY). 6145 via Wertachtal f/d "30th Anniversary" cd. in 58 ds. (Sobkoviak-IL). os-MA).

**FINLAND:** Radio Finland 17800 n/d ltr. in 31 ds. (Kapin-FRANCE).

**FRANCE:** RFI 17620 f/d "Antenna Farm" cd. w/ sticker in 56 ds. (Kremer-SC). 7135 f/d 1981 "50th Anniversary" cd. in 29 ds. (Kapinos-MA).

**FRENCH GUYANE:** RFO 5055 via Matoury f/d folder cd. in 1 mo. for a FR rpt. (Barto-CT).

**GERMAN DEMOCRATIC REPUBLIC:** RBI 11975 f/d cd. in 18 ds.

**GREECE:** VOA 7205 via Kavala f/d "Rodeo" (Kapinos-MA). cd. in 5 ds. v/s Wayne Greene. (Hosmer-MI).

**GRENADA:** Radio Free Grenada 15045 p/d cd. in 430 ds. \* for 1 IRC. (Rigas-IL). same in 216 ds. for 1 IRC. (eder-FL). 15105 f/d cd. in 188 ds. for 2 IRCs. v/s Caroline Gellineau. (Kacir-MI).

**GUAM:** KTWR f/d cd. in 19 ds. for 3 IRCs. (Paszkiwicz).

**HAWAII:** WVH 15000 p/d "Outrigger" cd. in 24 ds. (Kre-

**HOLLAND:** Radio Nederland 17605 via Lopik f/d mer). "Flevo Site" cd. in 17 ds. for 1 IRC. (Kapinos-MA).

**HONDURAS:** Radio Luz y Vida 3250 p/d personal ltr. in EG \* in 3 mo. for a SP rpt. and ms. v/s Don Moore (how you be old buddy!...Sam) (Lobdell-MA). HRVC 4820 "Logo" cd. in 22 ds. (Hazeltime-WA). p/d cd. w/ sticker and pennant in 19 ds. for a SP rpt. and 2 IRCs. (Cones HUNGARY: Radio Budapest 12000 f/d "Logo" cd. in 28 ds. (Kapinos-MA). tob-ONT)

**ICELAND:** ISBS 13797 f/d cd. in 140 ds. (Choroszy-ME). same in 20 ds. for tape and ms. (Carle-

**INDIA:** AIR 15335 f/d "Barge of Love" (!) cd. in 34 ds. (Cones-VA). 4800 via Hyderabad f/d cd. \* in 2 mo. for 2 IRCs. v/s O.P. Khushu. (Lazarus-LA). 5050 via Aizawl ltr. direct in 108 ds. for 2 IRCs. (Warner-AUST).

**IRELAND:** Radio Jellybean via South Dublin Radio 6243 cd. in 72 ds. (Geraghty-UK). Radio Neptune via South Dublin Radio 6243 ltr. in 22 ds. (Geraghty-UK). Andromeda Independent \* Radio via South Dublin Radio 6243 cd. w/ personal ltr. in 43 ds. (Geraghty-UK). Apollo \* Ireland via South Dublin Radio 6243 cd. in 12 ds. (Geraghty-UK). World Music Radio via Radio Dublin International 6910 f/d cd. w/ stickers in 2 wks. for 3 IRCs. v/s Lee Alvin (Plum-NJ). same in 19 ds. for tape and 2 IRCs. (Carleton-ONT). Radio Dublin International \* 6910 f/d "Map" cd. in 38 ds. w/ stickers. (Kanopka-NY). Radio Andorre International via WMR/RDI 6910 f/d cd. in @ 1 mo. (Kleiner-NY).

**ISRAEL:** IBA 11655 f/d cd. in 65 ds. (Aden-OR). same in 51 ds. (Kanopka-NY).

**ITALY:** Radio Milani International 6220 via Zinasco f/d ltr. w/ sticker in 128 ds. for an \* IT rpt. and 2 IRCs. v/s Dario Monferini, QSL Manager. (Clifford-FRG).

**IVORY COAST:** Radio Abidjan 7215 f/d "Map" cd. in 30 ds. for an EG rpt. (Kanopka-NY).

**JAPAN:** Radio Japan 15195 "Hakata" cd. in 23 ds. (Blanchette-FL). 21610 p/d "Imperial Garden" cd. in 30 ds. (Clifford-FRG). 15410 p/d cd. in 34 ds. (Clifford-FRG). JJY 8000 p/d cd. in 30 ds. for 2 IRCs. (Vranes-IL). NSB 3925 f/d "Super Wave Radio Tanpa" cd. w/ stickers in \* 75 ds. for a taped rpt. (Aden-OR). Far Eastern Network 3910 cd. in 68 ds. for 1 IRC. (Warner-AUST).

**JAVA:** RFI Surakarta 4900 f/d ltr. in 33 ds. for an IN rpt. and ms. v/s Moh. (Hosmer-MI). \* Hasjim Benny BA, Kepala. (Vranes-IL). RFI Surabaya 3975 p/d ltr. in 37 ds. for an IN rpt. 1 IRC and ms. v/s Agus Widjaja, Program Manager. (Vranes-IL). ltr. in EG for an EG rpt. and 2 IRCs. (Warner-AUST).



Voice of Asia

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31 Meters

**FAR EAST BROADCASTING CO., INC.**

KIRZHIG SSR: Radio Moscow 11820 via Frunze f/d cd. in 35 ds. (Bryant-OK).

KIRIBATI: Radio Kiribati 16433 f/d \* "Racing Canoe" cd. in 55 ds. for 2 IRCs. (Rigas-IL). in 63 ds. for 2 IRCs. v/s Miss T. Benetito. (George-NC). in 15 mo. for ms. (Lazarus-LA). in 49 ds. for ms. (Hosmer-MI).

KEEP THE QSL REPORTS COMING IN... Sam

**KOREA, REPUBLIC OF: Radio**

**Korea** 9570 f/d cd. in 46 ds. w/ sticker and pennant. (Kanopka-NY). 7550 f/d "Rose of Sharon" cd. in 2 1/2 mo. (name?) 15575 f/d "Stone Pagodas" cd. in 18 ds. w/ sticker. (Kremer-SC).

**LIBERIA: ELWA** 4765 f/d "Antenna" cd. in 90 ds for 2 IRCs. (Plum-NJ).

**LIBYA: Radio Jamahiriya** 11816 p/d ltr. in 13 mo. v/s Mohammed Swidan. (Plum-NJ). same in 1 mo. for 1 IRC. (Swaringen-NC). p/d form ltr. in 125 ds. Addr: P.O. Box 17, Hamrun, Malta. (Fisher-MA). 11815 p/d ltr. in 42 ds. for 2 IRCs. (Bryant-OK).

**LITHUANIAN SSR: Radio Vilnius** f/d cd. in 96 ds. (Paszkiwicz-WI). 15105 cd. w/ folder and ltr. in 126 ds. (Cassidy-IN).

**LUXEMBOURG: Radio Luxembourg** 6090 n/d "Group DJ Photo" cd. in 38 ds. for 2 IRCs. (Hosmer-MI).

**MALAGASY REP: Radio Nederland** 9715 f/d "Drawbridge" cd. in 50 ds. (Kremer-SC). -OK

**MALAYSIA: RTV Malaysia** 7160 via Kuala Lumpur f/d cd. w/ 2 pennants in 44 ds. for ms. (Bryant

**MALTA: Deutsche Welle** 9590 f/d cd. in 52 ds. (Martin-IN). **Radio Mediterranean** 6010 f/d "Map"

cd. w/ sticker in 64 ds. for 2 IRCs. (Carleton-ONT). 6110 same in 5 wks. (Field-MI). **IBRA**

**Radio** 9515 p/d "CN Tower-Toronto" cd. in 47 ds. for 3 IRCs. (Clifford-FRG).

**MAURITIUS: MBC** 9710 p/d "Flag" cd. in 25 ds. for ms. (Reinstein-FL)...FINE!

**MEXICO: Radio Mexico** 15430 f/d cd. in 38 ds. for a SP rpt. and 1 IRC. Sticker rcvd. (Plum-NJ). **XEUJ** 5980 f/d personal ltr. w/ cd. in 6 wks. for a SP rpt. and ms. v/s Marcelo Becerra Gonzalez. Addr: A.P. 62, Linares, N.L., Mexico. (Lazarus-LA).

**MONACO: TWR** 11690 f/d cd. in 13 ds. for 1 IRC. (Kapinos-MA).

**MONGOLIA: Radio Ulan Bator** 12070 f/d "Logo" cd. in 7 wks. (Swaringen-NC). 4865 via Sainshand \* f/d cd. w/ site in 38 ds. (Warner-AUST). 4995 f/d cd. w/ site in 38 ds. (Warner-AUST).

**MONTERRAT: Deutsche Welle** 9545 f/d cd. w/ site in 55 ds. (George-NC).

**MOZAMBIQUE: Radio Mozambique** 9620 n/d "Map" cd. in 27 mo. for a PT rpt. and ms. (Lazarus-LA)

\* same in 60 ds. for 3 IRCs. and an EG rpt. (Vranes-IL).

**NEPAL: Radio Nepal** 5005 cd. w/ ltr. in 43 ds. for 2 IRCs. (Warner-AUST).

**NEW BRITAIN: Radio West New Britain** 2340 f/d ltr. w/ pennant in 35 ds. for ms. v/s Aloysius \* Rumina, Provincial Manager. (Bryant-OK).

**NEWFOUNDLAND: CKZN** 6160 f/d "Map" cd. w/ stickers in 51 ds. (Niekamp-MN). same in 42 ds. for 2 IRCs. v/s D. Uttaro. (Bryant-OK). in 58 ds. for ms. (Kanopka-NY).

**NEW GUINEA: Radio Chimbu** 2376 cd. w/ ltr. in 18 ds. for ms. (Warner-AUST). **Radio Western**

\* **Highlands** 2450 cd. w/ ltr. in 28 ds. for ms. (Warner-AUST). **Radio Madang** 3260 ltr. in 28 ds. for ms. (Warner-AUST).

**NEW IRELAND: Radio New Ireland** 3905 ltr. in 86 ds. for 2 IRCs. (Warner-AUST).

**NEW ZEALAND: Radio New Zealand** 17705 f/d cd. w/ pennant in 13 ds. for 3 IRCs. (Sobkoviak-IL). same in 20 ds.

(remer-SC). 15485

f/d cd. in 21 ds.

w/ pennant (Kapinos

**NICARAGUA: Radio San-**

\* **dino** 6120 vague

veri in propaganda

ltr. w/ pennant in

47 ds. for a SP

rpt. and ms. v/s

Myriam Rojas Tru-

jillo. (Stephany-NY).

**La Voz de Nicaragua** 5950 n/d

personal ltr. w/ pennant in

63 ds. for an EG rpt. v/s

Rodolfo Garcia Gutierrez,

Director. (Choroszy-ME). in

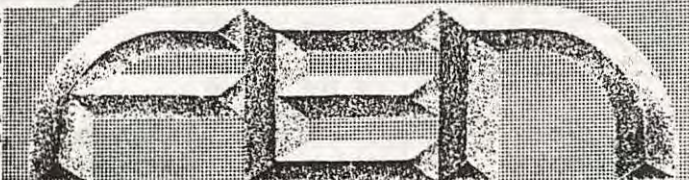
57 ds. for 2 IRCs. Pennant

rcvd. (Hosmer-MI).

**NIGERIA: Radio Nigeria** 4770 via

Kaduna ltr. in 99 ds. for 2

IRCs. (Warner-AUST).



THE FAR EAST NETWORK IN JAPAN

ACKNOWLEDGES AND VERIFIES YOUR

RECEPTION REPORT via John Wilkins

OF 25 May 82 ON 11.750 MHz

THANK YOU

CHIEF, FAR EAST NETWORK



**NIGERIA:** Voice of Nigeria 7255 sked in 215 ds.

(Park-HI). FRCN 6050 via Ibadan f/d form ltr. in 2 mo. for 1 IRC. v/s M.A. Ganiyu. (Plum-NJ).

\* Bendel Broadcasting Service 4932 via Benin City f/d ltr. in 9 wks. v/s L.I. Asoera, Chief Technical Officer. (Barto-CT).

**NORWAY:** Radio Norway 11870 cd. in 18 ds. for 1 IRC (Kapinos-MA). 15185 p/d cd. in 16 ds. (Kremer).

**PAKISTAN:** PBC 5743.5 via Peshawar personal ltr.

\* direct in 25 ds. for 1 IRC. (Warner-UK).

**PAPUA:** Radio West Sepik 3205 ltr. in 22 ds. for ms (Warner-AUST). Radio Southern Highlands 3275 ltr. w/ cd. in 48 ds. for ms. (Warner-AUST).

Radio Central 3290 cd. w/ ltr. in 13 ds. for ms (Warner-AUST). Radio Milne Bay 3360 cd. w/ ltr.

in 57 ds. (Warner-AUST). f/d "Map" cd. w/ ltr.

in 11 wks. for 2 IRCs. v/s Penuel K. Dimaku.

(Palmerheim-MN). Radio Madang 3260 f/d ltr. in 1 1/2 mo. for 2 IRCs. (Palmerheim)

**PERU:** Radio Los Andes 5030 f/d cd. w/ personal ltr. in 3 mo. for a SP rpt. v/s Pablo Cardenas Valverde, Gerente General. (Field-MI). same in 20 wks. for a SP rpt. and ms. (Wilkins-CO). same in 10 mo. for a SP rpt. and ms. (Lobdell-MA). Radio Pampas 4855 certificate in 50 ds. for a SP rpt. (Warner-AUST). Radio Oriente 6189 prepared cd. in 31 ds. for a SP rpt. (Warner-AUST). Radio Madre de Dios 4950 f/d ltr. in 5 wks. for a SP rpt. and ms. v/s Frco. Javier Aniz. (Lobdell-MA). personal ltr. in SP in 16 ds. for a SP rpt. and ms. (Fye-FL). Radio Andahuaylas 4840 f/d prepared cd. w/ personal ltr. in 3 wks. for a SP rpt. and ms. v/s Daniel Andreu Casafraanca. (Lazarus-LA). Radio Atlantida 4790 very nice personal ltr. w/ decal in 1 1/2 mo. for a SP rpt. and ms. v/s Ivan Tenorio Matute, Administrador. (Meyer-WI).

**PHILIPPINES:** FEBC 11890 f/d "Morse Code" cd. w/ pennant in 50 ds. for ms. (Kanopka-NY). VOA Tinang 6185 f/d cd. in 128 ds. (Clifford-FRG).

**PORTUGAL:** Radio Portugal 17880 folder rcvd. in 2 mo. for 2 IRCs. v/s Maria da Paz de Barros

\* Santos. (Park-HI). 11925 f/d "Aquamium" cd. in 28 ds. (Kapinos-MA). Deutschlandfunk 9650 f/d cd. in 1 mo. via Deutsche Welle-Sines for 1 IRC. (Palmerheim-MN). Radio Renascenca 9680 cd. in 98 ds. for 1 IRC. (Warner-AUST).

**ROMANIA:** Radio Bucharest 11940 p/d "Vidraru Dam" cd. in 60 ds. (Choroszy-ME). 9570 same cd. in 65 ds. (Aden-OR). 11940 f/d cd. in 72 ds. (Kanopka-NY).

**RWANDA:** Deutsche Welle 17800 f/d cd. w/ site in 62 ds. (George-NC).

**SALPAN:** KYOI 11900 f/d "Logo" cd. in 2 mo. for ms. (Wilkins-CO). same in 90 ds. for ms. v/s Ralph Eugenio. (Vranes-IL).

**SCOTLAND:** Radio Sylvia 6300 via World Music Radio ltr. and sticker in 121 ds. for 2 IRCs.

**SENEGAL:** ORTS 4890 f/d white "Logo" cd. in 10 wks. for an EG rpt. and 1 IRC. (Palmerheim). SEYCHELLES: FEBA 15200 f/d (!) "Logo/Map" cd. in 25 ds. for 3 IRCs. (Cones-VA)...Unusual!!

**SIERRA LEONE:** SLBS 5980 f/d ltr. in 6 mo. for ms. v/s H.A. Lynch. (Kanopka-NY).

**SINGAPORE:** Radio Singapore 11940 f/d cd. in 77 ds. for 1 IRC. (Rigas-IL).

**SOLOMON ISLANDS:** SIBC 9545 f/d "Logo" cd. in 23 ds. for 2 IRCs. (Niekamp-MN). 5020 f/d cd. in 3 mo. (Aden-OR). f/d cd. in 30 ds. for 1 IRC. (Cones-VA).

**SOUTH AFRICA:** SABC 4835 f/d "Industry" cd. in 35 ds. for 1 IRC. (Niekamp-MN). Radio RSA 9615 and 5980 f/d "Sailboat" cd. in 19 ds. for 2 IRCs. (Kacir-MI). 15325 f/d "Brown-Hooded Kingfisher" cd. in 16 ds.

(Park-HI). 9615 f/d "Ebenezer Dam" cd. in 23 ds. (Plum-NJ). 5020 same cd. in 17 ds. (Cones-VA). Capital Radio 3930 p/d "Presenters" cd. in 78 ds. for 2 IRCs. (George-NC).

**SRI LANKA:** AWR 11835 f/d "RMI" cd. in 22 ds. for 2 IRCs. (Cones-VA)

**SUMATRA:** RRI Pekanbaru 5886 n/d ltr. in 3 mo. for an IN rpt. (Barto-CT). RRI 3414

\* Medan f/d cd. in 3 mo. for an IN rpt. v/s Cornell R. H. Tobing. (Barto-CT).

**SWAZILAND:** Radio SR 6155 f/d "Warrior" cd. in 117 ds. for 2 IRCs. v/s Bill Cookson, Chief Engineer. (Stephany-NY).



**RADIO PEKING (BEIJING)**



**RADIO AFGHANISTAN**



**BAMYAN / BUDDHA**  
height  
53 meter

SWEDEN: Radio Sweden International 11705 f/d cd. w/ sticker in 13 ds. (Kanopka-NY). 17841 (SSB) same cd. in 20 ds. for 1 IRC. (Kapinos-MA). 15270 f/d cd. in 15 ds. (Wilkins-CO).

TAHITI: Radio Tahiti (FR3) 11825 cd. in 49 ds. for an EG rpt. and 2 IRCs. (Warner-AUST). 15170 f/d cd. in 2 mo. for a FR rpt. (Field-MI). same in 41 ds. for 2 IRCs. (Martin-IN). f/d "Conch Blower" cd. in 6 wks. for a FR rpt. and 1 IRC. (Plum-NJ).

TAIWAN: Voice of Asia 5980 f/d "Chinese Opera" cd. w/ pennant in 3 mo. (Field-MI).

TANZANIA: Radio Tanzania 5050 p/d ltr. in 150 ds. for ms. v/s X.J. Mwangole. (Bryant-OK).

TURKEY: Voice of Turkey 11740 f/d cd. for 1 IRC. (Kapinos-MA). f/d "Ibis" cd. in 25 ds. \* (Plum-NJ). Turkiye Polis Radyosu 6340 f/d cd. in 401 ds. for 1 IRC. (Vranes-IL).

UKRAINIAN SSR: Radio Moscow 11950 via Kharkov f/d cd. in 43 ds. (Rigas-IL). 15530 via Ivano Frankovsk f/d cd. in 44 ds. (Hosmer-MI). 9765 and 15465 via Lvov f/d cds. in @ 1 mo. (name?) Radio Kiev 9685 f/d cd. in 2 mo. (Palmerheim-MN). 15240, 11790, 9685 cds. in 27 ds. (Aden-OR). 17870, 15240, 15100 f/d cds. in 27 ds. (Aden-OR). 15100, 9685 and 11790 f/d "Sports Parade" cds. in 1 mo. (Aden-OR).

UNITED ARAB EMIRATES: UAE Radio 21655 f/d "Map/Logo" cd. in 27 ds. (Kapinos-MA). same in 29 ds. w/ station information. (Kremer-SC).

USA: WWV 15000 f/d cd. in 13 ds. (Kremer-SC). KVHF 6240 f/d cd. in 18 mo. for an SASE. (Park \* -HI). WRNO 9725 p/d "Logo" cd. in 102 ds. w/ sticker. (Mayer-PA). KPRC 1616 n/d "Antenna" cd. in 60 ds. for ms. (Plum-NJ). Voice of Free China 5985 via WYFR f/d "Plum Blossoms" cd. in 20 ds. w/ pin and sticker. (Blanchette-FL). Voice of the OAS 9565 ltr. in 20 ds. \* (Cones-VA). 11830 via Bethany ltr. in 96 ds. (Warner-AUST). WOLS 7438 f/d cd. in 23 ds. for SASE. (Rigas-IL). La Voz del CID 11700, 7355, 5106, 7465, 4980 and 7400 f/d "Certificado" in 2 mo. for a SP rpt. (Field-MI)...All rcvd. via the Chicago address. CO).

USSR: Radio Moscow 9730, 9680 and 9760 cds. in 55 ds. (Aden-OR). 15100 cd. in 28 ds. (Wilkins-UZBEK SSR: Radio Tashkent f/d cd. in 37 ds. for 2 IRCs. (Brenesal-FL). 11785 f/d cd. in 35 ds. (Cones-VA). Radio Moscow 15515 via Tashkent f/d cd. in 44 ds. (Hosmer-MI).

VENEZUELA: Radio Lara 4800 f/d cd. in 61 ds. for an EG rpt. and ms. (Choroszy-ME). same in 4 mo. for a SP rpt. (Field-MI). Ecos del Torbes 4980 n/d "Map" cd. in 2 1/2 mo. for a SP \* rpt. and ms. v/s Desiree Gonzales. (Meyer-WI). Radio Valles del Tuy 6130 n/d cd. in 10 mo. for a SP rpt. and ms. v/s Eleazar Ramos Bermudez, Director. (Lazarus-LA). cd. in 10 \* mo. for a SP rpt. and ms. (Lobdell-MA). Radio Los Andes 6010 cd. in 44 ds. for a SP rpt. and ms. (Warner-AUST).

VIENTNAM: Bac Thai Broadcasting Station 6610 QSL folder via Hanoi in 93 ds. (Warner-AUST).

WEST IRIAN: RRI Sorong 4875 f/d cd. in 3 1/2 mo. for an IN rpt. and 3 IRCs. v/s A.F.C. Usmany

YUGOSLAVIA: Radio Yugoslavia 6100 f/d "Koper" cd. in 487 ds. for ms. (Davis-CO). (Choroszy-ME). 15240 f/d cd. in 494 ds. (Kanopka-NY). 9620 f/d "Restaurant" cd. w/ stickers in 100 ds. for ms. (Thibodeaux-LA). f/d cd. in 141 ds. (Hodgson-SO. AFR).

ZIMBABWE: ZBC 3396 n/d large cd. in 2 mo. (Barto-CT).

This time we had @ 119 countries reported. Pretty good. Some excellent QSLs especially from KNLS, Rio Muni, Peru, Vatan and others. This month we ran an all Asian Column. Not too sure about next month but we'll have something interesting.

Art Kleiner of East Rockaway, NY sent along his greetings and his first contribution to the column via WNR Radio. Bill Mayer will be attending Kutztown University in a few weeks as a Political Science major. Hope we will hear from you every now and then - don't keep your face buried in the books all the time. Paul Brouillette sends along a very nice note about the Column. Thank you Paul. Barry Brenesal says that he gets rather apprehensive when Manokwari or the Turkish Police Radio doesn't reply in 4 months. Don't feel that way Barry - we all get the same

type of response. Neil Carleton reports only a few QSLs are coming through. Nothing unusual about that - just keep reporting what you get to us. Leslie Byron says hello to all his DXing friends. He has been under the weather a bit lately. Get well quick. We miss you Leslie. Charles Foxx needs a correct address for Radio Globo in Brasil. Any help? I guess we can end the QSL Column here. Best of DX to everyone....Sam.

# Radio Tashkent



**QSL**

# update

September 1983\*\*\*Number 146

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

UPCOMING DEADLINES: 9 September (Mid-Sept) 19 September (October) 10 October (Mid-Oct)

Reproduction permitted. Credit original reporter and NASWA UPDATE. Dates, times and days are GMT. Freqs are kHz.

**BOLIVIA** R. Nueva America, 4796, in SP 1030-1102. Lively LA mx prgm, M anncr, ID 1045 then into long ad string. Freq and TC. Station promo to 1100 and then UTE came on freq. (Nathan Murff, NM 8-9)

**BRAZIL** R. Nac. de Tabatinga, 4815, presumed, in SP 0010. Often stating "desde Brasilia." Tabatinga is near the Peruvian and Colombian borders; does the stn have SP prgms? Faded by 0045. (Tindall, NC 8-17)\*\*\*A good question. Desde Brasilia implies a national prgm and there have been some recent expansions of network prgming for the RNac group. I have no specific knowledge of SP prgms here, though. Also, R. Guatapuri Colombia has been active on this freq again. More checks are needed. tba\*\*\*R. Anhanguera, 4915, in PT 0135-0204+. Religious prgm w/ mx in background 0135, apparently about peace and war. Quoted Einstein and mentioned Armageddon. ID, freqs 0204 and then mx. (Tindall, NC 8-16)\*\*\*Very strong here of late. tba\*\*\* R. Nacional da Amazonia, 6120, in PT 0758-1005. RNac AM talk and mx prgm w/ M&W anncrs. Many ads for Brasilia businesses. TCs for Brasilia, and gave stns in network on hour. "A voz do Brazil." Excellent till QRM'd 1000. (Murff, NM 8-16)---Same in PT 0950-1020; absolutely killer signal when first noted w/ ad strings, seemingly syndicated Radiobras prgms, RN Amazonia ID w/ freq (only caught 15445 but did mention at least one more) and usual list of net stns at 1000. Into "Jornal Nacional, w/ El Mundo clearly audible underneath. It finally surfaced by 1005 and then stns traded the freq. (Dan Sheedy, CA 8-17)---Same as unID 0915 w/ ad for Banco do Brasil, mx and all very good. (Tindall, NC 8-16)

**CUBA** Mayak, 4765, in RS 0130-0200; classical mx, anncmts, RS talk after 0130, easy listening mx after 0200. (Tindall, NC 8-16)

**ECUADOR** R. Quito, 4920, in SP 0157; ballads and soft rock, ID. (Tindall, NC 8-16)

**FALKLAND IS.** FIBS, 3958, tentative in EG 1048-1118. Usual eclectic pop/MoR mx prgm. GMT-4 TCs. Missed ID on hour, if any. M inserted "time in Stanley, 7 o'clock exactly in BBC WS nx. Nx to 1115 and then weather. Signal fair to good but dying rapidly after 1115. ARO QRM too but still a real treat to hear. (Sheedy, CA 8-17) 1

**KOREA (DPR)** Pyongyang, 3560, in EG 1145-1215. M&W anncrs, EG prgm for SEAsia. Usual "Praise the Great Leader" format--praise and patriotic mx. (Murff, NM 8-10)

**NICARAGUA** R. Zinica, 6121a, in SP 1158-1215; good ID for Sandino, into news program with heavy emphasis on US/Nicaraguan relations. Used "R. Sandino voz de vanguardia" at 1206. TCs nearly every minute. Never did hear a Zinica ID. Is this a nationwide prgm at this hour? (Sheedy, CA 8-17)

**PERU** R. Tarma, 4775, in SP 1102-1115; M anncr, s/on anncmt, gave MW freq as mil kilociclos. M anncr w/ Peruvian mx prgm. Freqnet ads. (Murff, 8-9)\*\*\*R. Huancavelica, 4885, in SP 1115-30; M anncr, local mx. Many IDs and TCs. (Murff, NM 8-10)\*\*\*R. Vision, 5360, in SP 0345-0403+. M dj, latin ballads and US pops. Full ID and NA 0400. (Murff, NM 8-16)

**USA** VoA 6873 sst, w/ two prgms on same freq. Hindi \*0030 and EG Wednesday Morning. (Tindall, NC 8-17)\*\*\*Two feeders methinks. tba

**USSR** RM HS, 5040, in RS 0200. Presumed tbilisi. Much QRM. IS, but nothing else audible. (Tindall, NC 8-16)

\*\*\*\*\*

In the scan slot we return to Takayuki Inoue's report from Japan:


**Costa Rica** R. Reloj, 6006 in SP 1000 7-31; poor. LA pops and TC/ID. Nice ID "Desde San Jose, Costa Rica America Central, transmite Radio Reloj, 730 kHz onda media, 94.3 MHz frecuencia modulada, 6006 y 4832 kHz bandas de 49 y 62 metros. Telefonos 224344 y 212470. Apartado postal 748, San Jose, Costa Rica, America Central. R. Reloj, numero 1 en Costa Rica. Gracias a Ud." **Nicaragua** LVNicaragua, 5949.5 and 11714.4, in SP fair \*1050v-1130 f/out daily. IS and many canned IDs. Slogan is "una voz libre en America."

**Peru** R. El Sol en los Andes, 3230, in SP poor-very poor in late July. OA mx and talk by M. --- R LV de la Selva, 4825, in SP \*1000v-1100 fade out. S/on w/ NA & prgm "Musica Folklorica de Nuestras Andes." Nice Canned ID 1000: "Esta es la Voz de la Selva. 770 kHz Amplitud Modulada y 93.9 MHz Frecuencia Modulada."

--- R. Sicuani, 4827.3, in Quechua and SP 1000-1030; poor 7-20. Nice folklorico and many ads. ID: OAX7T, 4835 kilociclos banda de 60 metros y onda corta QAX7R, 1995, banda de 225 metros onda media. R. Sicuani. Slogan is LV de Canchis.

\*\*\*\*\*

We continue with Takayuki's fine report next issue.

Until then, best 73, 



# LOG REPORT

## section A

2000 to 4899 kHz

Editor: Dr. S. David Klein, 842 Cranbury Cross Road, North Brunswick, NJ 08902

On to a very special column...

- 2380 BRASIL R.Educ. Limeira; 0157 Sev1 ann in PT, ID, TC. f(Barto 7/23)
- \*2380 FALKLAND ISLANDS FIBS; 0105 EG BBC musical quiz show to 0120, into lite mx to 0140 f/out. Started f but started fading 0121, worthless by 0137. (McDaniel 8/14)
- 2410 BRASIL Unid; 0047 Sta playing US pops w/ads, M reading record title in PT. Left this to hear Falklands. (McDaniel 8/14) Shawn, believe it or not, there are those who would have stayed with the Brazilian...including me!--sdc
- \*2420 BRASIL R.Caraja; 0201 Inst mx, vocals, PT ann, ID, ment of Goias ans what sounded like a nx px at 0201. f/g(Barto /23)
- \*2420 BRASIL R.São Carlos; 0908 Clear ID and sev1 ments of São Paulo, ballads, and PT M/ann. wk but in clear(Barto 8/4)
- 3020 UNID 0046 Time sig sta, no ann. vy wk. (Meyer) 1025 Pips & SP ann. wk(Hensley 8/8) This is quite possibly a harmonic of HD210A on 1510--sdc
- 3220 ECUADOR HCJB; 0132 EG ID by M, W w/interview show, p thru QRN. (Gilster 7/27) 0943 EG px called Discovery, foll by rel px. On the hr, EG ID w/fqys, but didn't ment this one. g(Bolland 7/28) 0950 Lang M w/tlk, mx, ID. g(Bobb 7/8)
- 3222 TOGO Lama Kara; 0520 OC into drum & bell IS, NA, ID 0529, nonstop Afro vocals right thru 0548 t/out. (McDaniel 7/12)
- 3225 VENEZUELA R.Occidente; 0140 Ads, TCS, LAM mx. p thru QRN(Gilster 7/27)
- 3230 PERU R.El Sol de los Andes; 1054 OM tlc & ID, jingle, ad, ann about local dance that night. f(Moore-HOND 7/22)
- 3230 SOUTH AFRICA R.RSA; 0305 M w/EG lcl & wld nx. heavy QRN(Bobb 7/13)
- \*3239.6 ECUADOR R.Cult. Antena Libre; 0105 Uptempo SAM ballads w/tlk by M betw tunes. Full SP ID 0111, foll by more mx. f(Bolland 7/27)
- 3250 HONDURAS R.Luz y Vida; 0058 Strong w/SP rel mx & Bible verses by M. (Meyer)
- 3255 VENEZUELA LV de El Tigre; 0110 Usual criollo mx w/ID by M, into lost of tlc. wk under lite QRN(Meyer) 0240 OM vocal mx, f/ann w/tlk, ID, more mx. p(Jordan 7/9)
- 3260 ECUADOR LV del Rio Carrizal; 0140 Ballads, many ads for "La Cooperativa" store that sells just about everything by the sound of it. (Moore-HOND 7/27) 0120T Wk Lam sta, HC style mx, no ID. (Meyer) Same. p(Bolland 7/18)
- 3270 SOUTHWEST AFRICA SWABC; 0035 Mx to 0047 tlc by M foll by more mx. f(Bolland 7/15) 0118 Variety of mx incl electronic. //3295. (Johnson 7/12)
- 3275 VENEZUELA R. Mara; 0305 LAM pop mx, ballads, OM/DJ, ID every 2 sels. f/p(Jordan 7/9) 0315 LAM pops, OM/ann, sev1 ID. f(Desrosiers 7/16) 0317 Mx to 0328 ad string, 0330 ID, more mx, 0352 harp mx, s/off ann, NA, 0354\*. f/g(Stephany 7/9) 1010 Long tlc by OM, one LAM song, ID, more tlc. (Hensley 8/8)
- \*3277 JAVA RRI Jakarta; 1150 F DJ w/IN vocal mx, 1258 ID, SCI, nx. (Murff 8/3)
- 3280 ECUADOR LV del Napo; 0036 LAM slo mx w/usual flutes, etc., vy wk but still good on rare QRNless nite, ID, TC. (Meyer)
- 3285 UNID 1030 Something here w/Andean mx in mornings before Belize OC comes on at 1045-1100. vy wk, but daily. (Moore-HOND)
- \*3286 PHILIPPINES Phil. R.; 1202 M/ann in EG w/nx, ment Indonesia, Philippines, and PNG. Gave So. Pacific wx, then into tlc & mx px, IDs as "This is the Philippines broadcasting from Manila." Ute on fgy, p but readable. (Murff 8/3-4)
- 3288 MADAGASCAR Antananarivo; 0315 In what sounded like FR but could have been a dialect. Clear ID by YL 0316. Heavy QRN(Barto 7/19)
- 3295 BRASIL R.Tapuio; 0120 Clear ID, PT pop mx, ad. Noted another sta underneath which might be SWAfrika. f(Klein)
- 3295 SOUTHWEST AFRICA SWABC; 0105 AK ID by M into long tlc by M, some strange EZL mx for 10 mins, rather good sig. (Meyer) 0200 //3270, this one usually in earlier and the stronger of the two. (Barto)
- \*3310 BOLIVIA R.San Miguel; 0026 M & W w/tlk using reverb mike foll by mx. Was foll by a lengthy talk on what seems to be the reason that R. San Miguel is on the air. Hrd many ment of Sabado, sugg that this is wknds only. Later on, comments were rel. Tnx tip Wilkner. (Bolland 7/10) 0130T M/voc sel, ment Bolivia, tlc by W. vy wk w/heavy QRN(Barto 7/9) 1015T LAM mx sung by groups & ann by W. f sig, could pick out a few SP words but no ID. (Lazarus 8/12) 1030T Noted daily w/ballads & Andes mx. Presumed as never strong enough for ID. (Moore-HOND)

- \*3310 PERU R.Bagua; \*1052V Short interlude of violin mx foll by full ID by M, OA NA, and px of OA mx w/tlk by M to f/out. Opening ID includes words: "OAX?T, mil dos cientos...onda media, OAX??, 3310...onda corta, Radio Bagua, la señal..." Many thanks to Jack Jones for tip. (Lazarus 8/10, 11, 13)
- 3316 ECUADOR R.Pastaza; 0303 Andean mx w/OM ads, IDs, TCs, then solid block of tropical mx to 0341, more ads. (Moore-HOND 7/23) 0325 LAM & HC mx, singing ID. wk tho readable(Meyer) 0400 Soft inst LAM mx, ID by OM. f(Atkins 7/12)
- \*3330 PERU Ondas del Huallaga; 1045 Andean mx, ID 1050. f/p(Moore-HOND 7/21)
- \*3339 ZANZIBAR RTZ; 0310 Lcl mx, many ann by M in SH. wk but clear(Barto 7/19)
- 3365 BRASIL R.Cult. Araraquara; 0213 M DJ w/50's style LAM mx, freq ments of Araraquara, IDs. (Murff 7/24)
- 3366 GHANA Accra; 0537 Long simple drum mx w/occ lite chanting by M to 0555 tlk & EG ID. p/f(Meyer)
- 3375 BRASIL R.Nal São Gabriel; 0948 In with a list of stations on the network by M, then into mx. f(Bolland 7/27)
- 3381 ECUADOR R.Iris; 0131 Rel mx into tlk by M and end of px 0145, ID by M, f/p(Meyer) 0330 LAM mx, EZL mx, OM/ann, fast IDs. f/QRN(Desrosiers 7/16)
- 3385T NEW BRITAIN RENB; 0950 M in PD w/Sun eve rel px, gospel songs. 1030 pop tunes. Heavy QRN(Bobb 7/31) 1018 M/ann in PD/EG w/mx sels. wk(Barto 8/6)
- 3394.5 ECUADOR R.Zaracay; 0031 F/ann w/tlk, ment various localities around the area to 0045 mx. f(Bolland 7/11) 0355 Pop mx, some in EG, ID, QTH by OM, tlk by YL. f(Desrosiers 7/16) 0410 F/voc mx, SP tlk. vg(Lineback 7/11)
- 3476 BOLIVIA R.Padilla; 0117 F/ann in SP, some spot anns by M, LAM mx, ballads, many vocals, TCs, sevl IDs. (Barto 7/9)
- 3480T BOLIVIA R.Padilla; 0036 Just cont tlk by M to 0057. p(Bolland 7/10) Seems to be drifting around a bit--sdk
- 3560 NORTH KOREA Pyongyang; 1145 M & F/ann in EG w/px for SEAs, usual praise for the great leader, played a little patriotic mx. (Murff 8/10)
- 3925 JAPAN NSB; 1029 A few notes of mx, but mainly JP tlk by W, //9595. f(Bolland)
- 3930 TRANSKEI Capital R.; 0411 All pops, upbeat cmcl format, contests, pretty far gone by 0500. Finally a decent log from this! (Berg 8/14) 0448 US pops, wx report, ID 0453. (McDaniel 8/2)
- 3945 VANUATU RV; 0836 FR tlk by M & YL, //7260 about equal. f/QRM(Meyer)
- 3955 ENGLAND BBC; 0444 EG by radio, switch at 0445 to GM. f(Desrosiers 7/10)
- 3958 FALKLAND ISLANDS FIBS; 0900 NX, POP MX, SOME UPBEAT TUNES, INSTS, TCs, AND SEVL IDs. WK TO F(BARTO 8/4)
- 3970 CAMEROUN Buea; 2245 Surprised to have this at both a decent level and free of AROS. Ruing lcl px of pseudo-hilife mx, OM px host (why do most of these anns sound like they're broadcasting from the other side of the grave?). (Klein)
- 4000 CAMEROUN Bafoussam; 2240 Noted w/slight QRM off AROS, carries lcl px at this time, Af chanting w/drums, OM/annin vernac. (Klein) 0457 FR tlk by M, 0500 ID, EG & FR mx headlines fm Yaounde. (McDaniel 8/1) 0530T OM w/FR tlk, hrd ment of Cameroun. p(Desrosiers 7/10)
- 4300T PERU R.Moderna; 0140 Ment of Peru, OA mx, TCs, etc, but no ID. f(Meyer) 0210 Presumed w/ballads, strong but UTE QRM(Moore-HOND 7/21)
- \*4420.4 BOLIVIA R.Reyes; 0112 LAM mx, sevl M/voc, IDs, nice inst mx. vy clear(Barto 7/9) 0022T Strong betw SP SSB net, EZL ballads, M w/TC & poss ID. (Krueger 7/18) 0240T Ballads, inst mx, nonstop to 0303 OM w/tlk, KOed by UTE 0304.f/p(Moore-HOND)
- \*4473.2 BOLIVIA R.Movima; 0020 Fair & clear using ECSSB w/ballads, SP M ID/TC, back to mx. Regular for the past few months. (Krueger 8/1) 0100 Sevl vocals, flute mx, ID 0100. Heavy UTE QRM(Barto 7/9)
- 4485 ARRSFSR Petropavlovsk-Kamchatskiy; 1042 M & W in RS, appears to be a radio drama or documentary. f(Bolland 7/7)
- 4501.8 UNID 0030 LAM w/nondescript ballads, wk & difficult due to UTEs. May be fundamental or harmonic of 750, 900, 1125, or 1500 kHz. (Krueger 8/1)
- 4607.4 UNID 1118 Very poor sig w/deep fades. Seemingly pop mx w/M/ann betw sels. Suspect RRI Serui but too wk to copy for sure. (Reinstein 8/15)
- 4635 TADZHIKISTAN Dushanbe; 2318 IS type mx to 2320 foll by ID by W & then alt tlk by M & W. 4610 & 4485 also in. (Barto 8/7)
- 4656 ECUADOR CRE; 0200 Many canned IDs, few TCs, usual LAM pops. g(Meyer)
- 4696.7 BOLIVIA R.Riberaalta; 0100 Cmty or polit tlk in SP. Unusual--was // Abaroa on 4720. Expected other Bols to be same, but these two were the only ones. (Barto 7/9) 0145 Huaynos, mostly EZL, ID by YL. f/p(Meyer)
- 4719 BOLIVIA R.Abaroa; 0222 Nice Altiplano mx w/occ anns w/lcl saludos, slogans, TCs and IDs. Who says no goodies in summer? [Not I!!] g(Stephany 7/9)
- 4719 CELEBES RRI Ujung Pandang; 1018 EZL IN mx, Judy Collins sel, ID by W. g(Barto 8/5) 1045T M w/IN tlk, laughing, W w/ment of Indonesia, QRM off UTE. (Bobb 7/13)
- 4725.6T BURMA BBS; 1133 In with carrier to 1142, when weak sig w/music noted. This path not ripe yet. p(Bolland 7/30)
- \*4740 BOLIVIA R.Mamore; 0031 Mix of huaynos and LAM pops, ID by M 0038. p level w/lite QRN on good LAM nite. (Meyer) Kevin, what do you have against dates?--sdk

- 4750 CAMEROUN Bertoua; 2305 Tail end of EG nx, off a few minutes later after FR ID and NA. (Berg 8/13)
- \*4755 BOLIVIA R.Emis. Bolivia; 0944 TC and ID, mx. 1059 Ann back w/tlk on px to be hrd Saturday at 5. After this, back to mx. p(Bolland 7/13)
- 4755 PERU R.Huanta; 1015 YL vocal Andean mx & tlk. f/g(Moore-HOND 7/15)
- 4760 SWAZILAND TWR; 0420 GM rel tlk px. f(Lineback 7/14)
- 4762 PERU R.Inca; 0440 OA flute sels, M/ann w/clear "R. Inca" ID in SP, still on at 0530 recheck. f(Klein)
- 4765 BRASIL R.Nal. Cruzeiro do Sul; 1009 M w/tlk & morning mx. p(Bolland 7/26)
- 4765 CUBA Mayak; 0145 Usual RS mayak px of tlk & lite mx. f/g(Jordan 7/17) 0259 Mayak IS, time pips, tlk. vg(Alexander 7/16) 0400 Same. vg(Walko) It looks, unfortunately, as though this is here to stay for a while--sdk
- 4765 LIBERIA ELWA; 2220 EG gospel songs, 2224 ID, sermon. f(Enkhenus 7/28)
- 4770 NIGERIA Kaduna; 2340 Mx w/M DJ, nx 0000 ment candidates of Unity pty of Nigeria. f(Enkhenus 7/28) 0430 EG natl nx, cmty, tlk on voting regs. f(Pye 8/5)
- 4770 VENEZUELA R.Bolivar; 0954 In with ads & mx, full canned ID given as "Grande Bolivar." f(Bolland 7/27)
- 4774 JAVA RRI Jakarta; 1027 IN EZL mx and what sounded like a short nx px starting at 1030 after the ID. Nice clear sig(Barto 8/6)
- 4775T INDIA AIR Gauhati; 1040 Ind film mx, YL in lang 1057-1100, pips, into Ind mx, then Koed by Tarma s/on. p(Moore-HOND 7/13) (Murff 8/9)
- 4775 PERU R.Tarma; 1102 M/ann w/s/on ann, gave MW fqy, M/ann w/OA mx ps, freq ads.†
- 4780 VENEZUELA LV de Carabobo; 0922 M/ann w/rancheros mx, TC, full ID. g(Bolland 7/12) 1000 OM ID, mx, ads, bugle mx, LAM vocals. f(Hensley 8/6)
- 4785 BRASIL R.Ribamar; 0220 US/EG pop/rock mx, IDs, tlk by M after every 2 or 3 sels. (Meyer) There are those who would argue that rock and mx are unrelated--sdk
- 4785 COLOMBIA Ecos del Combeima; 0245 Romantic vocals & TCs betw sels, ment of Super net, full ID 0257. f(Mellberg 7/14) 0510 LAM mx sels, pops, ballads, etc, many IDs, ments of Super. f(Jordan 7/28) 0610 LAM mx, M/tlk, ID. f/g(Summers 7/28) 0950 Tlk, HJ mx, full canned ID. f(Bolland 7/28) 1000 M w/mx, ID. f(Bobb 7/11)
- 4790 PERU R.Atlantida; 0255 Tlk by 2 OM/ann, promos, rock mx, folk mx. f/QRN(Jordan 7/21) 0943 Mx, TC, tlk. p(Bolland 7/7)
- \*4792 ECUADOR Sis.de Emis. Atalaya; 0350 SP w/all tlk. QRM & spl off Atlantida. (Barto 7/9) 0950 Rancheros mx to hr, NA, TC, ID, tlk, mx. f(Bolland 7/27) 1032 OM w/nx. p/f(Moore-HOND 7/15) 0400T Romantic ballads, many ment Ecu, ID not fully understood, 0503\*. f(Atkins 7/17)
- 4795 BRASIL R.Tabajara; 0145 OM w/tlk, into accordion mx, then a sta promo.(Brazzies are fond of such, far more than the SP speaking SAM stations). (Klein)
- \*4795nf CAMEROUN Douala; 2240 FR tlk, FR pops, lcl Af mx, Nx 2301 w/EG nx summary fm Yaounde, back to FR 2305 and s/off w/NA. (Alexander 7/25) 0505 Lisy FR M ID, hilaufe, tlk 0509-0520. f(Krueger 8/2) 0520 M/ann w/vernac tlk, ment Yaounde, to R.Cameroun IS 0530 & Yaounde relay. Also noted afternoons 2200 to 2310\*. Carries Yaounde to 2215, then lcl px to s/off. Easily as powerful as Yaounde. (Klein) 0510T OM in vernacs, hilaufe, no ID. f/p(Atkins 8/6)
- 4795 ECUADOR LV de los Caras; 0105 Long tlk by M w/IDs & ments Ecu, usual UTE garbage on, but toned down. f/p(Meyer)
- 4796 BOLIVIA R.Nueva America; 1030 Lively LAM mx px, M/ann w/ID 1045, then long string of ads. Freq TCs, sta promos, ads to 1100 UTE. (Murff 8/9)
- \*4800 CAMEROUN Douala; 0140 Af mx, full ID 0202, off, back 0205 w/history px. g(Mellberg 7/15) 0112 M w/FR tlk, full ID, QTH, etc, poss inaugural xmsn. More tlk on sta, mx. g(Cunningham 7/15) 2303T FR M tlk, pop mx, FR mx. Prob test xmsn-played tones & carriers game 2350-0002. f(Bolland 7/14) This has since moved to 4795, see above--sdk
- 4800 LESOTHO Maseru; 0420 Sesotho tlk px. f(Lineback 7/11)
- 4800 VENEZUELA R.Lara; 0045 Mellow vocals on Sun eve, TC, usual patter. f(Gilster 8/1) \*0956 NA, YL & OM w/s/on ann, many ID, mx. (Hensley 8/8)
- 4801 ECUADOR R.Popular; 0215 Andean mx sels, IDs by M/ann at 5-7 min intervals, into poss nx 0235. f(Jordan 7/21)
- 4803.7T BOLIVIA R.Santa Ana de Yacuma; 0055 In here w/mx, sounded like nx on the hr, back to mx 0110. Tnx Wilkner. p(Bolland 7/8)
- 4810 GABON Af. #1; 0550 Af mx, FR mx, FR tlk, ID. f(Desrosiers 7/10)
- 4810 GALAPAGOS LV de Galapagos; 0200 M/ann w/inst mx px to NA & 0222\*. (Johnson 7/18)
- 4820 ECUADOR R.Paz y Bien; 0215 Semi-rel style mx, EZLs, few IDs by YL. f/p(Meyer) 0250 Lengthy ann & promo by OM w/IDs & TCs, orch mx. p(Jordan 7/21)
- 4825 GUATEMALA R.Mam; 0055 ID, TC, marimbas. vg(Atkins 8/3)
- 4825 PERU LV de la Selva; 0215 "Discotheque Musical" px w/disco mx [no kidding!] and freq slogans. Nx 0250 to s/off ann & NA, 0256\*. f(Stephany) 0300 ID w/fqys, NA, 0305\*. f/g(Atkins 7/10)
- 4830 VENEZUELA R.Tachira; 0100 Uptempo LAM mx sels, IDs, TCs, etc. g(Jordan 7/17) 0920 OM/ann w/love songs & ballads, IDs. bad het(Hensley 8/16)
- 4832 COSTA RICA R.Reloj; 1034 M w/ID, tlk, mx. f/g(Bobb 7/11)

- 4835 SOUTH AFRICA SABC; 0530 OM w/EG world & natl nx, emty. bad lcl QRM(Park 8/1)
- 4840 VENEZUELA R.Valera; 0241 Usual LAM criellos mixed w/slo pops, hint of a het. (Meyer) \*0930 NA, s/on ann by OM, lcl anthem, saludos, into mx. g(Stephany 7/11)
- 4845 MAURITANIA Nouakchott; 0610 Mid-east mx, AR nx 0635 by M. f/QRN(Summers 7/25) 0645 OM w/AR nx, string inst mx, nx in FR 0700. g(Lausevich 7/31)
- 4850 CAMEROON Yaounde; 2300 FR nx, FR & US mx. g(Fye 7/16) 2314 M & W w/FR tlk, mx. f(Bolland 7/28) 0435 FR mx & tlk. g(Lineback 7/14) 0530 Noted in passing, M/ann w/FR Af nx roundup, carried by Douala as well. vg(Klein)
- 4850 ECUADOR R.Luz y Vida; 0200 YL w/soft LAM ballad mx px, infreq IDs. S/off ann and 0256\*. vp(Lausevich) 1038 Mx foll by ads, full ID 1043, more mx. f(Bolland)
- 4854 YEMEN ARAB REPUBLIC San'a; 0304 AR tlk, recitations, //9780 not hrd. Next nite, this in mud and 9780 vg. Good ME mx 0335-0400. f(D'Angelo 7/15)
- 4856 UNID 0342 Px of OA/Andean mx, poss HC, ann by OM but too wk to pull, s/off 0404\* but missed NA. (Stephany 7/12) Poss Pampas--sdc
- 4860 PERU R.Chinchaycocha; 0110 Nx px - "R. Periodico," ID. f(Moore-HOND 7/10)
- 4870 BENIN Cotonou; 0320 Good ID on 1/2 hr, long FR tlk by M w/lcl notes. f(Meyer)
- 4875 WEST IRIAN RRI Sorong; 1135 F/DJ w/rock mx px, IN ID 1145, then usual IN pop mx to nx 1200. (Murff 8/1)
- 4880 SOUTH AFRICA SABC; 0500 OM/ann w/AK tlk, ment J'berg. f(Desrosiers 7/10) 0510 AK tlk, inst pop mx. f/p(Sharpe 8/6)
- 4885 COLOMBIA Ondas del Meta; 0953 M/ann w/tlk & ads, TC, full ID. g(Bolland 7/29)
- 4885 PERU R.Huancavelica; 1115 M/ann w/OA mx px, freq IDs & TCs. (Murff 8/10)
- 4890 SENEGAL Dakar; 2330 FR ID, into long tlk by YL, poss nx. f/p(Meyer) 0127 OM w/tlk, NA 0137, ID, s/off. f(Desrosiers 7/10) 4892 at 2220, seems to have drifted up a bit, noted w/M/ann tlk on Chad. (Klein)
- 4895 BRASIL R.Baré; 0100 PT jingles, tlk by M/ann, mx, more tlk. f/UTE(Valko 7/27) 0115 M/ann w/TC, ID, into accordian mx, ad, sta promos, more mx. g(Klein) 0945 Full ID, cont tlk. f(Bolland 7/27)
- 4895 BRASIL R.Cult. da Bahia; 0250 Sevl OM/ann w/sta promos, fqy info, mx jingles, to 0257\*. f/QRN(Jordan 7/29)
- 4895 TURKMENIA Ashkhabad; 0137 Usual Mayak orch mx, F/ann w/RS tlk. wk sig, but // 4765 and 4930. (Reinstein 8/15)
- 4899 JAVA RRI Surakarta; 1340 IN pop mx, F/ann w/ID, tlk after 1400. p(Sharpe 8/7)

At the beginning of the column, I said it was special and so it is. We've had a mighty fine turnout given that it's the middle of the summer! It is also special, for me, in that it marks my 18th column; I find it almost impossible to believe that I have been doing this for a year and a half. I guess that what they say is true...time does fly when you're having fun! It's been that, and more.

This has also been a bittersweet column for me because it is my last. When I took the column, I told Bill that I'd do it as long as I could, but that if I ever felt I could no longer give it my full effort, I'd give it up. My intention was to remain as editor for a number of years. At that time, a year and a half ago, I had no idea that within a year I'd be directing the publicity efforts of a major scientific meeting, yet that's exactly where I find myself. That activity had greatly cut into the time I have available for hobbies...or for editing a magazine column. I find it most regrettable, but have come to the conclusion that I can no longer give the column the kind of attention that it deserves, and that being the case, the time has come to pass on the reins to someone who will be able to devote to it the effort that is required.

Having seen this coming a few months ago, I was able to make arrangements for a new editor, someone who will do a super job. He is Mike Nikolich of Chicago, a well-known and competent DXer, who is also very experienced at editing a DX column, having done one in another bulletin for a number of years. Mike will be taking over next month...I hope that you will support him as you have supported me. His address is: 2137 West Farwell Avenue, Chicago, IL 60645.

Over the course of my 18 month tenure, there have been high and low spots, as there are with anything. Of all that has transpired, I am perhaps most pleased by the fact that in editing the column I have come to better know many of you, to the point where I now call some of you friends. It is perhaps one of the most rewarding, yet little known aspects of editing, and I'm pleased that I've had the chance. While my time is limited, I will still be around, not editing, perhaps, but as a contributor...I am not leaving the hobby, as many former editors do, having pushed themselves to burnout; this is more in the nature of a sabbatical.

And so we come to the close. I can think of no better way to end than... Until we meet again, hasta luego, até logo, à bientôt, and 3's & 7's



# LOG REPORT

## section B

### 4900 to 6199 kHz

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

- 4905 BRAZIL R. Relogio Federal, 7-28 0045, ID M&W combo, pips; poor sig (Jordan).
- 4910 ZAMBIA Lusaka, TC at 0500 8-6, ID, into EG nx; fair sig (Atkins-AL).
- 4915 BRAZIL R. Anhanguera, EZ lstng mx 0200 7-17, pops, etc; loud and clear (Hakimshad-AZ).
- 4915 BRAZIL R. Mac. Macapa, excited futbol play-by-play 0110 7-28, IDs, amts, TCs, fgy (Jordan); stn promo 0110, full ID, TC, two ads, accordion mx (Klein-NJ).
- 4920 AUSTRALIA ABC-Brisbane, EG talk 0945 7-18, poor with RTTY (Bolland-FL); EG nx 1400, lady anncr, pop mx, poor-fair sig, 8-2 (Hakimshad-AZ).
- 4920 HONDURAS R. Progreso is back. Full ID with fays, 0057 7-12 (Johnson-TX); nx magazine prgm hrd 0107-0128 7-29, exc sig, //1110 Mw (Moore-HOND).
- 4922 PERU Ondas del Titicaca, OA mx till KOed by HCBJ s/on 1052 7-15; poor (Moore-HOND).
- 4925 BRAZIL R. Dragao do Mar, VG at 0105, stn hype, promos, samba mx (Klein-NJ).
- 4925 COLOMBIA Tent. Ba.Merid.70, 0100 7-28, vy tough, LA mx, Bogota mentioned (Jordan).
- 4936 PERU R. Tropical, pops 0350 7-31, closing ID w/calls 0402, 0405\* (McDaniel-IN); 1012 on 7-7, mostly mx but an ad after every tune; measured here on separate rxz (Bolland-FL).
- 4940 IVORY COAST Abidjan, local mx 2235 (Klein-NJ); nx 2355 7-14, 0002\* after NA (Bolland-FL).
- 4945 BOLIVIA Tent. R. Illimani, 0936 7-13 under Caracol, nx, mx 0939; would be at least fair except for Caracol (Bolland-FL). Also noted here arnd same time (JB).
- 4945 COLOMBIA Caracol Neiva, talks 0202 7-14, ads incl. Coke 0205; poor, QRN (Lausevich).
- 4950 SARAWAK Kuching, EG nx 1330, comment on nationalism, prgm relay, 8-2 (Sharpe-CA).
- 4951 PERU R. Madre de Dios, tropx mx 0040 7-10, ID w/fays 0100, march mx, nx; (Moore-HOND).
- 4955 BRAZIL R. Marajoara, 0135 with PT pops, IDs, etc.; Campos in AM before this one s/on
- 4955 PERU R. Cult. Amauta, anthem 1040, ID; s/on? 7-15 (Moore-HOND); NA #1102 8-6, (Klein-NJ). \*Om. Christian Sold?, into Indian lang; poor (Jones-MS); mx, ID 0310, 0402\* 8-6 (Atkins-AL)
- 4965 BRAZIL R. Poti, vy weak 0140, PT pops, lady anncr, barely made the ID; bad het (Klein-NJ).
- 4970 VENEZUELA R. Rumbos, talk, chimes, 1001 7-15 (Bobb-MN); good with ID 0458 8-3 (Summers-PA); good 0145 7-10, LA mx, man anncr, pips, IDs, good to 0235, then fady (Desrosiers-MA).
- 4972.5 CAMEROON Yaounde, ID 2300, nx, but not //4850 or any other Camerouns (Klein-NJ).
- 4975 BRAZIL R. Timbra, good 0130 with ute off, PT pops, TCs, ID, ads, talk (Klein-NJ).
- 4975 COLOMBIA Ondas del Ortegausa, 1005 7-28, talk, mx, ads, muffled audio (Bolland-FL).
- 4975 PERU Radio del Pacifico, relig. mx and talk 0220 7-27, ID 0304, fair-good (Moore-HOND).
- 4980 SWAZILAND R. Truro prgm, exc with DJ, ads, subcont. pops, 0408-0440 8-1, TC 0430 (Kraeger-FL); 0410-0457 8-6, EG, subcont. mx, travel contest, VG (Atkins-AL); 0420 7-13 with lady DJ, pops, subcont. mx, mid-east-type vocals, good sig (Lineback-TX).
- 4980 VENEZUELA Rcos del Torbes, 0305 7-27, light instr, ID 0330, nx; poor, RTTY (Lausevich).
- 4985 BRAZIL R. Br. Central, ID 2331 7-11, TC, mx (Bolland-FL); ID 0000 7-11, reverb (Desrosiers-MA).
- 4995 ECUADOR R. Baha'i, Andean vocals 0344 7-25, ID 0354, bad QRN (McDaniel-IN).
- 4996 PERU R. Andina, 0920 7-13, mx, talk, excitable anncr (Bolland-FL); folklorico mx 1028 7-13, fading at 1039 (Bobb-MN); good 0100, huaynos, talk, TCs, the usual (Klein-NJ).
- 5010 CAMEROON Garoua, ID 0455 7-14, FR nx 0500, EG 0503; fair (Lineback-TX).
- 5015 ECUADOR Esc. Rdf. Pop, talk, flutes, ID, 0935 7-29 (Bobb-MN); 1029 TC, fair (Bolland-TX).
- 5015 BRAZIL R. Cultura, talk 0552 7-24, march mx, ballads, nx 0605, ID, ad string (Jordan).
- 5020 ALBANIA Gjirokaster, \*0257 7-17, NA, ID, talk, later Albanian vocals, //5057 (D'Angelo-SOLOMON IS. Bondara, sports scores 0832 7-31, ballads 0836, ID 0844 (Lausevich); PA. poor 0930 (Bolland-FL); RA nx 1000 (Enkenhus); Top 40 1120, 1132\*, fair (Atkins-AL).
- 5025 BENIN Parakou, NA 2258 7-29, 2259\* (Bolland-FL); Afr mx 0401 7-11, good (Lausevich); hi-life mx, pops, FR, 0415 7-13, good (Lineback-TX); gangbuster sig 0500 (Klein-NJ).
- 5035 PERU R. Imagen, Bayer ad 1000 7-13, "Buenos Dias Peru" (daily 1-hr prgm), exc (Moore-HOND).
- 5035 CENT. AFR. REP. Bangui, FR talk 2225 (Klein-NJ); NA to 2300\* 7-11 (Bolland-FL).
- 5040 PERU R. Libertad de Junin, ID 0505 7-14, EZ lstng mx, SP vocals (Lineback-TX).
- 5045 BRAZIL R. Cult. do Para, 0755 7-11, fading 0918 (Bobb-MN); mx 0932 7-11, ID (Bolland-FL).
- 5047 TOGO Lome, good 2324 7-29 (Bolland-FL); ID 0535 (Jordan); vy poor 7-10, 0610 (Desrosiers-MA).
- 5050 ECUADOR R. Jesus del Gr. Poder, \*0958 7-16, choir, ID, TC, mx; good (Bolland-FL).
- 5055 FRENCH GUIANA Cayenne, tone to 0859, IS, NA, nx to 0905, VG but undermined. 7-21 (Stephany-Peru R. Amazonas, best rcnp ever on 7-9, 0250-0503\*, IDs, promos, jingles, mx NY). (Cunningham); pops 0403-0500\* 7-17, other stns mentioned, but Amaz. ID 0433, 0457 (Mellberg-COLOMBIA R. Sutatensa, mx, ID 0230 7-23, RTTY (Summers-PA). IA).
- 5112 PERU R. Eco, arnd 1000 various dates, mx, IDs, nx, ads, genly fair (Bolland-FL).
- 5215 UNIT. S. SP 1112-1138 7-22, local amts, TCs, disco, OA mx 1125 (Moore-HOND).
- 5325 PERU R. Nueva Acobamba, huaynos 1108 7-15, man anncr, mentioned Acobamba but no ID noted; poor, and lost at 1127 (Moore-HOND).

- 5360 PERU R. Vision, OA mx, ads, good and clear, 0050-0105 7-27 (Moore-HOND); hpyayno 0220 (Klein-NJ); 0232 8-2, EZ lstrng prgm, full ID, organ fill, echo ID, to 0402\* (Krueger-FL).
- 5451 W. IRIAN RRI-Biak, RRI nx 1200 7-17 (Lineback-TX); tent. 1019 7-30, talk (Bolland-FL).
- 5560 PERU R. Pucara, 0140-0158\* 7-10, poor, ballads, amnts, several IDs noted (Moore-HOND).
- 5770 CLAND. LV de Nic Libre, 0047 7-4, ID 0053, mostly gal talking, to 0100 (Bolland-FL).
- 5883 ARGENTINA R. Rivadavia, sports 0120 7-15, a game, fair sig (Bolland-FL).
- 5945 AUSTRIA ORP, EG 0128-0154, good sigs (Krist-VA, Fraser-MA, Blanchette-FL, Desrosiers-MA).
- 5950 GUYANA Georgetown, relig. prgm 0805 7-31, ID, poor (Lausevich); "Early Bird" prgm 0818 7-16 (Dillman); sports 0956 7-18, ads, ID, TC (Bolland-FL); EG 0100 7-23 (Mayer-PA).
- 5950 NICARAGUA Managua, EG 0115, ltrs, ID 0130 7-26 (Stanley-AZ); 0130 7-13 (Dickson).
- 5960 CANADA RCI, EG nx, "As It Happens," 0120-0130 8-3 (Gaffin).
- 5965 BRAZIL R. Guaiba, good with 2 men giving nx, 1001-1008 7-18 (Bolland-FL).
- 5965 MALAYSIA Kuala Lumpur, 1034 7-30, talk, Islamic mx, //9515 (Bolland-FL).
- 5965 NIGERIA Jos, NA 0431 7-28, ID as "R. Plateau," fays, into rock w/ (McDaniel-IN).
- 5975 BRAZIL R. Guaraja, poor 0940 7-26, mx, canned ID 0943, relig. prgm 0948 (Bolland-FL).
- 5974 COLOMBIA R. Macarena, LA mx 0941 7-12, ID, poor (Bobb-MN); 1021-1052 7-9, IDs after each tune, many TCs (D'Angelo-PA); 1036-1055, mx, prepared stn ID, good 7-30 (Bolland-FL); soccer 1601 7-24, surprisingly good (Krueger-FL); ID 0049 7-13, mx (Johnson-TX).
- 5980 SERRA LEONE SLBC, 2315-2337, talk, mx, IDs, TCs, poor, BBC-5975 QRM, 7-13 (D'Angelo-PA).
- 5995 MALI Bamako, pops 2322 7-24, FR DJ, killed by het at 2345 (Enkenhus).
- 6015 VATICAN EG ID at \*0050 7-29, "Many Splendid Thing" prgm, very good sig (Krist-VA).
- 6020 BRAZIL R. Univerao, mx 0650 7-29, ID 0658 (Summers-PA); ID 0814 7-15, //9545 (Alexander-BOBB).
- 6020 SOUTH AFRICA R. RSA, EG 0200 7-14, nx, cmtries on local events (Fraser-MA). VA.
- 6025 BOLIVIA R. Illimani, 0036-0047 7-15, mx, ads, full ID 0038, pblic.drama (Bolland-FL).
- 6025 MALAYSIA Tent. K.Lumpur, 1115-1130 7-17, pblic.CH, oriental mx, poor-fair (Bobb-MN).
- 6035 BRAZIL R. Globo, talk, electr.sound effects, ID 0009 7-27, phone calls (Johnson-TX).
- 6040 ANTIGUA DW relay, EG 0100 7-15, IS, ID, "Rpt frm Bonn," strong sig (Stanley-AZ).
- 6040 E.GERMANY RBI, gal anncr, start of SP prgm 0000 7-20, ID, nx (Desrosiers-MA).
- 6045 AUSTRALIA RA, EG 0840 7-16, nx, sports, weak but in the clear (Alexander-PA).
- 6045 MEXICO R.Univ.de S.Luis Potosi, 0402-0433 7-29, spol 45th anniv.prgm, choral songs (Howard-CA); full ID with calls, fays after clas.mx, to 0510\*, 8-13 (JB).
- 6050 NIGERIA Ibadan, nx 0501 7-26, ID (McDaniel-IN); pips, TC, natl nx 0600 (Alexander-PA).
- 6060 ARGENTINA RAE, man with mx, mostly tangos, 1015-1030 8-4, ID 1027 "Aqui RAE" (Bobb-MN).
- 6060 PORTUGAL Lisbon, IS, NA at \*0030 8-7, into FR (Johnson-TX); same, good sig 7-16 (Mayer-PA); nx 0125 7-4, ID 0131, into mx prgm; believe PT is 0100-0300 (Bolland-FL).
- 6065 COLOMBIA R. Super de Bogota, "Buenos Dias Colombia" 0803-0820 7-21, good (Bobb-MN).
- 6080 CHILE R. Patagonia Chilena, good 1213-1228 8-2, pops, faded after 1230 (Howard-CA).
- 6085 COLOMBIA Tent. Ondas del Darien, talk, mx, ments.of Col, 1009-1020 8-1 (Bobb-MN).
- 6090 AUSTRALIA ABC-Sydney, interview 0815 7-14, TC 0830, poor-fair in QRN (Bobb-MN).
- 6090 LIBERIA ELBC, good with EG nx at 0708 tune-in, 7-30, ID 0716, ads for Ovaltine and Natl Housing & Savings Bank. Local mx (Alexander-PA).
- 6090 LUXEMBOURG R.Lux, lstrns ltrs 0025 7-11, gave UK address, hvy metal rock, good sig but bad audio (Desrosiers-MA); 0112 7-16, rock, birthdays, IDs, call-ins (Blanchette-FL).
- 6095 ECUADOR HCJB, DXPL 0630-0700 7-16, QRM (Park-HI); same 7-12 (Krist-VA).
- 6096 PERU R. Nacional, yippy OA mx 1106 7-23, ID by gal, another by OM, mentioned other stns' carrying nx which followed (Jones-MS); light pops, 0300-0315 8-4 (Howard-CA).
- 6100 W.GERMANY DW, GM folk mx prgm 2320-2330, SP anncr, fair-good-7-9 (Bobb-MN).
- 6105 BOLIVIA R. Panamericana, good 0255 7-29, several IDs, ads, nice local mx (Howard-CA).
- 6110 MALTA R. Mediterranean, FR to 2230, then EG to 2330; EG nx to 2235, then mx, nx agn. Anncs EG 1800-1900, no mention of 2230-2330. Fair on 7-12 (Bolland-FL).
- 6110 PHILIPPINES VOA in EG at 1128 7-31, prgm about new prods, "Issues in the Nr" (Paszkiewics).
- 6110 ENGLAND BBC, in SP 0015 7-12, ID, nx (Desrosiers-MA); tangos, 0140-0200 SP (Bobb-MN).
- 6115 COLOMBIA LV del Llano, man with lively mx prgm, ID, 0723-0745 7-26, F-G (Bobb-MN).
- 6120 ARGENTINA R. El Mundo, 0920 7-31, talk, ID, mx, TC and ID at 0935 (Bobb-MN).
- 6120 BRAZIL R.Nac.da Amazonia nov here. \*0752 8-4, big sig, chines to 0758, ID with bossa nova, then Br.mx; tnx to J.Jones for tip (Lazarus-LA); 0918 8-1, some mxtr problems; mixed bag of mx, chatter, comls; also 8-3, believe \*0800, joins net 1000 (Jones-MS); 0930 8-7, //11780 (JB); 0940-1000, mx, ID, fair-good 8-1 (Bobb-MN).
- 6126 COLOMBIA R. Super de Cali, ranchera mx 0401 7-10, ID, TC (Mellberg-IA); 0410 7-11, many IDs (Valko); ID 0753 (Bobb-MN); full ID 0901 7-11 (Cunningham); ID 1008 (Lobdell-MA).
- 6130 CANADA CHNK-Halifax, mx 1132 7-24, ID 1144, big bingo game; fair (Cassidy).
- 6135 SWITZERLAND SRI, IS, ID 0144, EG prgm followed, fair-good (Witig 8-8, Stanley-AZ 7-20).
- 6145 NIGERIA Tent. Calabar, sev.times 0445-0535 under DW, Afr mx, vernac.talk (McDaniel-IN).
- 6150 COSTA RICA R. Impacto still widely hrd. 0405-0430 7-8, ballads, IDs (Lausevich); ID 0500, VG 7-17 (Fisher-MA)(hi, John-JB); acknowledging lstrn ltrs in EG, SP at 0600 7-14 (Alexander-PA); LA mx 0705 7-29, ID, way over the QRN (Summers-PA); canned ID at 1005 7-6, exc sig (Bolland-FL); 1104-1123 7-9, many IDs, TCs, ballads, etc.(D'Angelo-PA).
- 6160 CANADA CKXU-Vancouver, CBC ID 0700 7-31, nx, sports, wx, pops (Howard-CA); jazz, s/off annt and NA to 0807\* 7-10 (Alexander-PA); ID, NA to 0806\* 7-16, hvy QRM (Bobb-MN); and call-in contest 2040 7-30, mx, baseball talk (Cassidy).
- 6160 COLOMBIA Em.N.Grenada, 0600-0700 7-15, promos, jingles, nx 0603, mx, such talk (Alexander-PA).
- 6190 PERU R. Oriente, OA mx to 1130, then EG pops, IDs, local armts (Moore-HOND). der-PA).
- 6195 NIGERIA Sokoto, after CBC s/off pretty well, EG ID, TC 0533 (McDaniel-IN). 73-



# LOG REPORT

## section C

6200 to 11699 kHz

Editor: David L. Walcutt, 211 West 56th, Apt. 36-F, New York, NY 10019

- 6220 CLAND. LV de Sandino; 0050-0106\* SP/EG, ment. San Salvador, martial mx; into EG at 0057 with slogans calling for a free Nioaregua (Alexander-PA 7/15); EG/SP ID's, 0106\* (Johnson 7/14).
- 6295.8 PERU R. Chota; 0259-0345 fair-poor in ute with SP ID's, ballads and a few flute fills (Krueger 8/3); 0223 SP, presumed w/ballads, 1-hour TC; strong & QRN free but ute ruins it (Moore-HND 7/21).
- 6348 KOREA S. R. Echo of Hope; 1002-1026 KR, dialogue and comments along with background mx; poor (Bolland-FL 7/21).
- 6650v CLAND. R. Venceremos; 0248 SP, ID, usual M&W oratory with "inspiring" mx; at 0242 to 6675 then back at 0246 (Jones-TX 7/5).
- 6724.4 PERU R. Satellite; still here, e.g. at 0200, not reported lately!
- 6790.2 SOMALIA R. Mogadishu; 0324 lcl mx, ID in AR 0328, then news and music; good (Enkenhus 7/8). Fgy: dlw.
- 6900 CLAND. R. 15 Sept.; marching mx, unrelenting revolutionary ID's from 0305-0321 SP; //7000 better modulation (D'Angelo 7/13).
- 6909.6 IRELAND; R. Dublin Int'l; 0305-0545 EG, DJ chatter, oldies, Johnny Cash, pop/rock mx (D'Angelo 7/20, Lausevich 7/12, Blanchette-FL 7/11, Alexander-PA 7/15). Now 24 hours, I think -ed.
- 6925v CLAND. R. Parabundo Marti; 0105-0145 SP, martial mx, several ID's (Jones-TX 7/18, Alexander-PA 7/15, Mellberg-IO 7/16).
- 7040v PIR./CLAND. "Radio Marti"; 0106 SP tlk, fgy. jumps (Johnson-TX 7/?).
- 7065 ALBANIA R. Tirana; 0000 EG, "News About Albania" (Krist-VA 7/27); 0125-0156 PR, M&W tlk, chamber & vocal mx (Bobb-MN 7/14).
- 7120 ALBANIA RT; 0130-0158\* EG, nx & tlk (Dickson 7/31); \*0230 EG, IS, ID, development of the Albanian language (Stanley-AZ 7/13).
- 7140 JAPAN NHK; 1300 JP w/EG ID (Reed 7/17). Chinese listed at 1300 -ed.
- 7150 GERMANY W. DW; 0340 SH, mx, nx into EG to Afr. (Enkenhus 7/9).
- 7160 ASCENSION IS. BBC; 0335 EG, "This Week Africa" (Lausevich 7/18).
- 7215 IVORY COAST R. Abidjan; \*0559 chime IS, vocal NA, soul & pop mx, 0646 FR, nx, several ID's; vg (Atkins-AL 7/16).
- 7275 KOREA S. R. Korea; 1024 EG, reunifying war-divided families (Park-HI 8/1); 1120 EG, nx, f (Zilmer 8/2).
- 7295 SWAZILAND TWR; 0458 EG, "Hope For Today" (Park-HI 7/20).
- 7295 MALAYSIA RTM; 1255 EG, MOR music (Park-HI 7/2).
- 7345 CZECHOSLOVAKIA R. Prague; 0300 EG, nx (Dickson 7/15, Stanley 7/15).
- 7355 USA WYFR; 0703 EG, choral mx, "Open Forum" (Park-HI 7/8).
- 7400 CLAND. LV del CID; 0500 SP, s/off with ID, NA (Mellberg-IA).
- 7425 PIR. Xtal Ship; 0304-0331 EG, asked for calls to (301)-840-9948, M with freedom of speech ID/pitch, box in MN (D'Angelo 7/17).
- 7430 PIR. V. of Democracy; 0210 EG, rock (212)-283-9977 (Woods-VA 7/18).
- 7550 KOREA S. R. Korea; 1618-1627 EG, Asian/pop mx (Lucas-CA 7/26).
- 9022 IRAN VOIRI; 0438 FS, nx, cntry, f (Hawk 7/17).
- 9032 CLAND. R. Salvation of Iran; \*0304-0358\*, mostly tlk, uses 7-note IS at start & often during program; better 11650 @ 1900 (Berg).
- 9360 SPAIN REE; 2307 SP, nx, cntry, exc. (Hawk 7/17).
- 9410 UK BBC W.S.; 2337, Songs in English Sunshine (Hawk 7/17).
- 9420 GREECE VOG; 0100-0130 GK, local mx (Summers-PA 7/26); 0130-0138 EG, ID in Gk, nx, Greek mx, //9865 (Dickson 7/29, Stanley, Jones-TX).
- Plus a few last-minute items from Jerry Berg that arrived during typing:
- 6210 PIR. KPRC; 0420 ann'g as N.Y.C., talking over the air with Dave Walcutt and taking calls at (212)-352-9906. Rather fluttery. (Berg 8/12). I just can't resist a local phone call, honest! -ed.
- 6221 CLAND. LV de Sandino; 0050 going from SP into EG ment. "the radio communication system of the alliance ARDE..." (Berg 8/14).
- 6960 CLAND. Radio (Soledaria?) Nacional; 0041\* returning mid-amnt at 0206-0226\* close; seems pro-Salvadoran, not very strident. Anncs they're on 0600, 1200, 1800, 2000, apparently corresponding to GMT 1200, 1800, 0000, and 0200. Pretty strong (Berg 8/14).

- 9475 EGYPT R. Cairo; 0300 EG, IS, ID, interview w/Egyptian W. graduate of N.Y. University; news items; fair-poor (Stanley-AZ 7/11).
- 9485 PERU R. Tacna (presumed); 0957-1005 SP, tlk by M. huaynos by W, possible ID w/ment. Peru; out by 1005 (Lobdell-MA 7/23).
- 9495 MONACO TWR; 0645 EG, "Back to the Bible", fqy, ID (Summers 7/14).
- 9503 PHILIPPINES FEBC; 1345 unid lang. w/ID in EG at 1358 (Zilmer 7/26).
- 9505 GERMANY W. RL; 0230-0240 RU, ID, poor (Jones-TX 7/12).
- 9508.8 ALGERIA R&TV Algerienne; 2206-2225 FR, nx, documentary (Bolland 7/6); 2215-2240 FR, nx & mx interludes, //9685 (Lausevich 7/3).
- 9510 GUAM KTWR; 1340-1400 EG, dx news, children's religious pgm, QRM NHK (Zilmer 7/22, Bobb-MN 7/8, Hakimzhad-AZ 8/2).
- 9515 MALAYSIA VOM; 0948-1010 Malaysian, pop mx w/tlk by W (Bolland 7/14)...
- 9515 MALTA R. Mediterranean; 2035 EG, rel. pgm w/ID (Lausevich 7/29).
- 9525 POLAND RP; 0200 EG, A-bomb history; improved audio (Dickson 8/6).
- 9545 BRAZIL R. Universo; 0903-0930 PT, tent., tlk show ment. Sao Paulo, Brazil, Paulistas (Bobb 7/14); 1015-1031 PT, M&W to 1018 mx; rel. talk at 1021; this seems to be a daily program (Bolland 7/16).
- 9545 SOLOMON IS. SIBC; 0610 EG, sports scores (Hazeltine 8/6); 0730 EG, nx, ads, shipping info; g (Hakimzhad 8/5); 0734-0758 EG, nx, ad for Mitsubishi car, soccer promo, shipping news (Alexander-PA 7/15).
- 9560 GERMANY E. RBI; \*0229-0310 EG, ID, magazine (Krist 8/1, Stanley).
- 9560 NETHERLANDS ANT. TWR; 0830 PT, m w/ID, rel tx, mx, g (Bobb-MN 7/21).
- 9565 GERMANY W. DW; 0100 EG, Sunday cultural features (Stanley-AZ 7/17).
- 9565 RWANDA DW; 0455 EG, "Germany Today" on demonstrations (Park 7/20).
- 9570 KOREA S. R. Korea; 1130 EG, "Let's Learn Korean", f (Zilmer 8/2).
- 9575 ITALY RAI; 0100 EG, IS, ID, W w/nx, nx item on Emanuele kidnapping (Stanley 7/11); 0100-0120 EG, "This is RAI" ID by W, nx read by hard to understand W; "Jailhouse Rock" mx (Krist-VA 7/11).
- 9575 PORTUGAL RP; 0530 EG, chimes, NA, ID, nx, lbx; poor (Parks-HI 7/30).
- 9580 AUSTRALIA RA; 1245 EG, "You Asked For It" on rustling (Fraser 7/17).
- 9590 GUAM KTWR; 1315-1328\* JP, M&W comment of a religious nature it seems, with religious mx; TWR IS at 1327 (Bolland-FL 7/30).
- 9590 MALTA DW; 0100 EG, site ID at start of bc (3 reporters).
- 9590 NETH. ANTILLES RN; 0235-0240 EG, Newline program (Gaffin 8/8).
- 9595 JAPAN R. Tanpa (NSB); 1200-1220 JP w/EG ID, classic US C&W oldies; vg (Atkins 8/7); 1405-1430 JP, YL chatter, pop & rock (Mellberg 8/4).
- 9600 CUBA R. Moscow; 0145 EG, "Leningrad Dixieland Orch." (Dickson 8/8).
- 9605 VATICAN VR; 0050 EG, religious tlk, fair (Zilmer 8/5).
- 9610 AUSTRALIA VLW9, Perth; 1411 EG, wx, "1/4 past 10", 6WN nx (D'angelo).
- 9615 SOUTH AFRICA R. RSA; 0200 EG, Afr. nx, cmntry SWAPO (Sharpe 8/4).
- 9620 GERMANY E. RBI; \*2030 EG, "DX program for Europe" (Krist 7/18).
- 9620 YUGOSLAVIA RY; \*2115-2130\* EG, IS, ID, nx by M, rpt on preparations for the Olympics; fair (Mayer-PA 7/17); 2120-2128 EG, nx re: Yugoslav worker unemployment in W. Germany; fair (Cassidy 7/27); \*2210-2235 Slovene, IS of 8 bell-notes, anmts, nx, poor (Lausevich 7/30).
- 9630 SPAIN REE; 0000-0202 EG, to N.Am., "Panorama" show (3 reporters).
- 9645 AUSTRIA ORF; 2225-2257\* GM, M&W w/German mx pgm (Bobb-MN 7/10).
- 9670 SALPAN KYOI; 1605-1635 EG/JP, rock mx, brief dual language comments by M&W, 1633 "KYOI - Your music station"; poor (Lausevich 7/23).
- 9675 BRAZIL R. Marumby; 2350-0025 PT, rel. tlks, mx, ID, f (Bobb-MN 7/9).
- 9680 AUSTRALIA VLH9, Lyndhurst; 1152 EG, TC, IS, ID (Bobb 7/16); 1200 EG, nx, weather, TC, Sunday Recital, fair (Paszkiwicz 7/31).
- 9700 BULGARIA R. Sofia; \*2230 EG, cmntry on US Vice-prez European tour (Krist-VA 7/10); 0000 EG, Bulgarian Nat'l Park system; exc (Fraser-MA 7/9); 0001 EG, nx, economic outlook, exc rec. (Robinson-TN 7/11).
- 9705 MEXICO RM; 0025 SP, ID at 0026, stn. info. (Jones-TX 7/6). Others located further from Mexico look out for R. Nac. - Brazil here -ed.
- 9705 USA WRNO; 0100-0300 EG, rock mx, WOR, etc. (Krist 7/17, Gaffin 8/8).
- 9725 SWITZERLAND SRI; 0144-0215 EG to N.Am., "Dateline" (3 reporters).
- 9730 GERMANY E. RBI; \*2315-0045 EG to N.Am., cmntry (4 reporters).
- 9734.7 PARAGUAY R. Nacional; 0957 IS then NA and s/on anmt and ID's, then music pgm (Johnson-TX 7/15); 2235-0005, LA pops, frequent ID's, fair with heavy co-channel QRM (Atkins-AL 7/31).
- 9735 RWANDA DW; 1500 EG, talk about economy (Hakimzhad 7/21).
- 9745 CAMEROON RC; 2315-2400\* FR with FR/EG mx pgm, QRM, p(Lausevich 7/24).
- 9745 ECUADOR HCJB; 0210 EG, "Unshackled" pgm (Jones-TX 7/27).
- 9748 TANZANIA RT; 0358 EG, lcl mx, ID, time pips, press review; "Voice of Free Africa" show at 0415 (Park-HI 6/20).
- 9750 KOREA S. RK; 1437 EG, mailbag program, fair (Paszkiwicz 7/23).
- 9755 CANADA RCI; 2345 "As it Happens" relay; nx (English-TX no date).
- 9765 USSR RM; 2230 EG, Posner's talk on Samantha Smith (Fraser-MA 7/12).
- 9770 AUSTRIA ORF; 0129-0158 EG to N.Am., //5945 (Krist 7/30, Mayer-7/27).

- 9770 NETH. ANTILLES RN; 0750 EG, "The Inside Story" part 3 on Dutch local broadcasting (Park-HI 7/28).
- 9780 YEMEN ARAB REP. R. San'a; 0305-0330+ AR, Koran recitations to 0330, ID at 0330 (Jordan-PA 7/21).
- 9795 USSR RM. W.S.; 1150-1200, lite mx, Kremlin chimes (Bobb-MN 7/20).
- 9800 USSR RM; 2330 EG, "Radio Kiev" show w/interviews (Fraser-MA 7/21).
- 9815 ISRAEL KI; 0100 EG, IS, ID, nx, "Spotlight" (Stanley 7/16); 0205 EG, news, art, cinema, music; exc (Robinson-TN 7/7).
- 9835 HUNGARY R. Budapest; 0200-0227 EG, item on hero and heroine in Hungarian films, "Record Release" pgm (Krist-VA 8/1); 0200-0230 EG, IS, ID, opening anmts, nx by W, cmntry; good (Mayer-PA 8/6).
- 9865 GREECE VOG; 0335-0405 GK, trad. mx pgm with brief anmts between selections; ID at 0359; poor (Lausevich 7/19).
- 9880 BELGIUM BRT; 0000-0030 EG, "DX Panorama" (Weinhold 7/28); 0030 EG, "Music Box" pgm, "DX Panorama" w/TWR interview (Blanchette-FL 7/11); 0030-0115 EG, "Brussels Calling", dx pgm, fair (Hakimezhad 8/1); 0037 EG, "Brussels Calling" inc. "Music Box"; g (Paszkiwicz 7/11).
- 9915 UK BBC W.S.; 0017 "Radio Newareel", "Outlook" (Krist-VA 7/30).
- 9977 KOREA N. R. Pyongyang; 1235-1250 EG, Asian mx; flutter (Atkins 8/7).
- 10060 VIETNAM VOV; 1100 VT, ment. Hanoi, Ho Chi Minh (Blanchette-FL 7/9).
- 10070 KOREA N. R. Pyongyang; 1230 EG, nx, political tlk (Hakimezhad 7/22).
- 10415.2t PARAGUAY R. Chaco Boreal via ZPG4; 0126-0157\*, per Crawford phoned tip, exc, LSB mode w/amazingly current/progressive format of UK mx including Tears For Fears "Pale Shelter" and Spandau Ballet "True", ads, SP M DJ w/TC's fitting Paraguay but alas, no clear ID before audio cut at end of song 0157. P-T-P xmtr ZPG4-Asuncion, listed here has previously relayed Chaco Boreal (Krueger-FL 8/1).
- 10877 USA VOA feeder; 0340-0400 EG, human interst pgm,vg (Sobkoviak 8/6).
- 11100 CHINA RB; 1515-1540 CH, 1530 ID in CH by M, low-key pgm of talk interspersed with mx ("Wooden Heart"), Strauss waltz (Sharpe-CA 8/2).
- 11619 INDIA AIR; \*1228-1225 EG, IS, ID as "This is Delhi", nx (Lobdell 8/7).
- 11620 BELGIUM BRT; 0036 EG, nx, solar greenhouses described; g (Robinson-TN 7/8). BRT also now trying this 2300, co-channel INDIA & USSR! -ed.
- 11645 GREECE VOG; 0330 EG, IS, ID in GK then in EG; Greek music and songs til 0350 s/off; exc (Stanley-AZ 7/22); 0333 GK/EG, local instrumental music, M with GK ID, W with EG ID & national nx (Park-HI 7/4).
- 11655 ISRAEL KI; 2240 EG, news, pgm on animal behavior (Bauernhuber 8/7); 0200 EG, IS, ID, rev. of the arts in Israel; g, //9815,12025 (Stanley-AZ 7/14); 0207 EG, nx, "Calling All Listeners" pgm followed by "DX Corner" at 0220 (Witzig 8/8).
- 11665 AUSTRIA ORF; 0300-0315 SP, w/ID "Radio Austria" (Reed 7/6); 0435 EG, tourism show, "P.O. Box 700", co-ch ute (Park-HI 7/4).
- 11667 PAKISTAN RP; \*1642-1700 EG, IS, ID in EG by M, freqs, then Koran recitations; //15515 (Lobdell-MA 7/24).
- 11675 KUWAIT RK; 1850-1910 EG, rock mx, ID at 1900, pgm "Mohammed Light of Islam", back to rock at 1910; f-g (Cassidy 8/2). Not Miller Lite?
- 11699.8 DOMINICAN REP. R. Clarin; 0405 EG, "Radio Earth" show w/Hilton ad and station sales pitch; mailbag; QRM USSR 11700 (Park-HI 7/6).  
Fcy: dlw. Expect reception improves to the west w/less QRM -ed.

Didn't quite make three pages and I was hoping to go for four! But with your help this situation will definitely change! If you think your loggings will not make the Distribution Editor's deadline of the 5th, please feel free to send them directly to me at the address above, with the usual proviso that this way you won't appear on the Credits page if nothing was sent to the DE that month. 73,

*Bob*



# LOG REPORTS

## section D

11700 to and above

Editor: Brett Saylor, P.O. Box 10, Whitehall, PA 18052

**NOTICE:** When sending in loggings, please try to only send the most recent ones. I often receive ones which would be over 2 months old when finally published. Since I usually run short of space, from now on any loggings more than one month old will be discarded. Sorry if this sounds harsh, but old DX news really isn't news! Thanks for your support.

- 11700 FRANCE RFI (presumed); 0603-0618 FR, // 11800 with mostly cmtry by W and nx of Afr, some FR pops; f (Lucas 8/4)
- 11700 DOMINICAN REPUBLIC R Clarin; 1605 SP, LAM pop mx; f-p (Pickard 7/31) LVdelCID; 0010-0056 SP, long anti-Castro tlk, id, chimes played frequently arnd id's (which incld mnt of R Clarin and DR), nx 0030, mx 0035 (D'Angelo 7/21) R Earth Int'l; 0247 EG, ads for Curaçao hotel, "World" pgm; p by 0257 (Jones 7/27)
- 11705 SWEDEN RSI; 0230 EG, //15420, Scand nx, intvw w/ Thor Heyerdahl (Stanley 7/14)
- 11710 SWEDEN RSI; \*2300 EG, nx, "Weekday Monday" pgm (Blanchette 7/16, Krist)
- 11710 ARGENTINA RAE; 0100 EG, "Report on the Malvinas" pgm,g (Stanley 7/12)
- 11715 SWITZERLAND SRI; 0145-0200 EG, //15305,9725,6135, "Dateline", "SWMGR" pgms;g (Hazeltine 8/2, Stanley, Hakimzhad, Paszkiewicz)
- 11715 NICARAGUA LV de Nic; 1110 SP, sounded like political cmtry by M & W, marimba mx 7122, ID 1125 (Jones 7/29)
- 11720 USSR R Kiev; \*2300-2358\* EG, nx, cmtry, "Hello from Kiev" (Krist 8/1, Jones) 0200 EG, nx, DX contest for listeners, SIO 545 (Robinson 7/13)
- 11720 CANADA CBC NQS; 1715 Eskimo, vx by M, // 9625, vx (Fraser 7/16)
- 11730 UNITED ARAB EMIRATES UAE R, Dubai; \*0328-0365\* EG, nx, feature on desert caravans and trade, //15435 g & 17775 f; f (Pickard 8/5)
- 11730 NETHERLANDS RN; 2030 EG, "Newline" "SW Feedback" pgms; vg (Fraser 7/16)
- 11735 USSR RM NAM Svc; 0230 EG, tlk on battles w/ Nazis, mx, peace tlk (Dickson 8/6)
- 11735 FRANCE RFI; 0450-0455 EG, tlk by M into FR 0455;f (Mayer 8/9)
- 11740 TAIWAN VofFree China; 0900 CH, s/on, id by M, tlk (Hakimzhad 7/20)
- 11740 TURKEY VofTurkey; 0300 EG, Trk press review, pop mx, s/off 0350 (Stanley 7/21)
- 11740 MADAGASCAR RN relay; 2030 EG, "Newline" "SW Feedback" pgms; f (Fraser 7/16)
- 11750 BULGARIA R Sofia; 0430 EG, tlk on resorts in Bulg; g (Mayer 8/9)
- 11755 CHINA RB; 1540-1556 EG, Letterbox, poor modulation; f (Pickard 7/31)
- 11761a COOK ISLANDS RCI; 0659-0715 EG, het from 11760 OC which usually muffles RCI; RA nx to 0710, ID by M, isl & pop mx, TC for GMT-10hr; p (Lucas-CA 7/18)
- 11760 COOK ISLANDS RCI; 0700-0730 EG, wld nx, mx pgm (Fye 8/2) 0720-0735 EG/Maori, beautiful island mx, ID as "Radio Cook Islands", slight quick fades; f (Valko) 0823 EG, US pop mx, off 0900 (Dillaman 7/16)
- 11775 PORTUGAL RDP; 2030-2110 EG/FR, listener's letters, into FR 2100;f (Summers 7/8)
- 11785 ANTIGUA DW (per WRTH); 0838-0900 GM, operetta in GM; f (Bobb 7/14)
- 11790m SOUTH AFRICA? RSA (tent); 0808 EG, .pgm of concert piano mx fm Royal Albert Hall, heavy QRN (Dale Park-HI 7/26)
- 11795\* USA R Clandestine; 1339 EG, comedy songs, tlk, annod "Check out Clandestine", off 1354; f (Paszkiewicz 7/23)
- 11810 VENEZUELA YVTO? Caracas; 0312 SP, time pips, tlk by M in SP every minute under DW; ID 0315 "Caracas, Ven" and brief GW. What is it? (Mellberg Iowa 7/20-21)
- 11815 POLAND RP; 0300 EG, "Panorama" pgm, on Solidarity; p (Stanley 7/19)
- 11815 JAPAN RJ; 1325 EG, "Mailbag"; f (Hakimzhad 8/5) \*1600 JP, Gen Svc for Asia (Pickard 7/31)
- 11815 NETHERLANDS ANTILLES TWR; 1115-1200 EG, "Morning Songs" request show (Hakimzhad)
- 11815 LIBYA R Jamahiriya; 2200-2310 EG, wld nx, cmtry, pop mx, Tripoli & Malta address, requested letters & IRC's (D'Angelo, Summers, Weinhold, Bauernhuber, Hakimzhad) 0035 AR, vocal mx w/ string instrmts, id 0100 (Jones 7/28)
- 11820\* ALASKA KNLS; \*0900-0932 EG/RS, carrier on abrupt at 0900 w/ "Chariots of Fire" theme for 30 sec, then id by M "Radio Station KNLS...begins its broadcast day. Station KNLS is owned and operated by...According to the Fed Comm Comsn, KNLS broadcasts with a power of 100,000 watts shortwave from Anchor Point, Alaska, United States of America" followed by similar in RS by another M, then more Chariots mx; into tlk of Dizzy Gillespie and other jazz band greats then big band mx. Weak but mostly clear (Cunningham 7/27) 0911-1011 RS (no EG), big band mx w id's & short cmtry on the mx at the 1/2 hrs; into rel pgm 1000, not the first pgm, per Padula via RA DX pgm of 7/31 (Lucas 8/1) 1043 RS, in the clear w/ jazz mx, F annor and id on hr by M (Johnson-TX 8/6)

- 11835 UNITED KINGDOM BBC; 0103 EG, murder-mystery radio play to 0114, nx, "Outlook"  
 11835 SRI LANKA SLBC; 1050-1115 EG, organ mx, Radio Monitors Int'l DX pgm. (Jones 7/25)  
 rpts on Faroe and Solomon Isals: f (Cassidy 7/24) 1045 EG, pop mx, rel pgm at 1115  
 from Calif (Blanchette 7/7)
- 11840 EAST GERMANY RBI; 0230 EG, nx, DX pgm; f-p (Hakimnezhad 7/18)  
 11845 VATICAN VR; 0106-0015(?) EG, mx, story on St Peter's Jubilee, mx, bells (Gaffin 8/5)  
 11855 USA WRNO; 2320 EG, "Shrine of St Jude" svc, EEB ad, gh's "World of Radio" pgm  
 11880 SPAIN SFR; 0000, 0100 EG, "Panorama", "Spain in the 80's" pgms, "SP (Krist 7/31)  
 by Radio" (Krist 7/27, Stanley)
- 11890 USSR Mayak; 2200 RS, test tones then s/on, id, 6 time pips; f (Johnson 7/28)  
 11900 SAIPAN KYOI; 1045-1217 EG/JP, rock mx, id's (Cassidy 7/31, Johnson, Reed)  
 11900 SOUTH AFRICA R RSA; 0640 EG, "Comment" pgm, "Good Morn Afr" (Park 7/26) \*2059 EG,  
 "Under the Southern Cross", "The Bushmen Story" (Krist 7/10) 2130 EG, wld nx by  
 M; f-g (Hakimnezhad 7/30)
- 11910 HUNGARY R Budapest; 1930-1940 GM, IS, id, nx by M (Mayer 8/5)  
 11923 JORDAN Amman; 1330-1359 AR, nx, cmtry, chorus, mx and TC 1359; p (Fye 7/14) What  
 sort of id was heard? If none, this should be marked tentative. bs  
 11930 CUBA RH; 0227 EG, mx, stories on Cuba (Gaffin 8/8) 0059 EG, "Today in History"  
 (Krist) 0215 EG, political history of Ghana ("Eyewitness Africa") (Dickson 7/24)  
 11935 BRAZIL R Clube Paranaense; 0856 FT, tune-in to opening anncmts, id, promos,  
 tlk (Alexander 7/16)
- 11940 ROMANIA R Bucharest; 0200-0300, 0400-0430 EG, listener's club info, "Seven Day  
 Panorama" (Krist 8/1, Dickson, Stanley)  
 11940 GABON Africa #1; 2025 FR, id "Ici Africa Numero Un", several ad's, one sounding  
 like Busch Beer Comm. Local mx, good audio, some fading (Desrosiers 7/10)  
 11945 CANADA RCI; 2129-2158 EG, nx, wx, sports, "Spectrum" pgm on the Afr svc (Krist)  
 11955\* LEBANON R Lebanon; 0230-0300 EG, end of AR pgm, then opening id's by W in EG into  
 nx by M & W local and world; "Lebanon Today" pgm, mx, into SP 0300; f-p (100 rep)  
 11955 SINGAPORE BBC relay; 1045-1115 IN/JP, tlk by M and MEast mx, id, nx 1100 (Bobb)  
 11955 PHILIPPINES R Veritas Asia; 1405-1500 EG, nx, mx request, id (Hakimnezhad 8/1,  
 Lausevich)
- 11960 NEW ZEALAND RNZ; 0550-0625 EG, National Program, nx, wx (Hazeltine 8/6, Alexander)  
 11990 CZECHOSLOVAKIA RP; 0100 EG, "Music for your tape recorder" (good ole Helena.bs)  
 cmtry (Krist 7/17, Stanley)
- 12000 HUNGARY RB; 0100-0130, 0200-0230 EG, "Int'l NxRoom," "DX Panorama" pgms (Dickson  
 7/31, Krist, Stanley, Hakimnezhad)
- 12025 ISRAEL KI; 0200 EG, nx, cmtry, strong signal (Stanley 7/13)  
 12030 USSR RM via Petropavlovsk-Kamchatsky; 0642-0700 EG, Listener's History Club (Sharpe)  
 12070 MONGOLIA R Ulan Bator; 1208 EG, nx by W, then mailbag show, s/off 1234 (Johnson)  
 1450-1510 EG/RS, mx pgm w/M, id 1457, R Moscow relay w/ IS 1459, RS mx, nx;  
 (Lausevich 7/8)
- 13745 ISRAEL KI; 2230-2259 EG, nx, cmtry, id's, //15588a (Lucas 7/21, Krist)  
 13797 ICELAND ISBS; 1830-1850 Ice., W w/nx, mnt "Iceland Atlantica" by M (Lausevich 7/30)  
 14896v MEXICO V de America Latina XEW; 0116-0133 SP, nx pgm w/ occasional ads & jingles;  
 id "La Voz de las Noticias, XEW"; horrendous modulation, wild flux in signal level.  
 Likely their 15160 xmtr w/ problems (Cunningham 7/28+)
- 15010 VIETNAM VoV; 1800 EG, nx, cmtry on post-war; g (Hazeltine 8/3)  
 15044v GRENADE R Grenada; 2158-2300+ EG, ads, "This Week in History" pgm (Stanley, Krist)  
 15070 UK BBC; 1505-1950 EG, "Radio NxReel", "Outlook" pgms (Gaffin 8/3, Krist)  
 15105t MOROCCO RTVM; 2000-2035+ AR, rapid tlk by M, AR instrm mx, per SPEEDGRAM 7/83;  
 //15335 (Jordan 7/24)
- 15115 ECUADOR HCJB; 1311 EG, "Bible For You"; 0230 EG, "DX Party Line" (Krist 7/31)  
 15115 AUSTRALIA RA; 0700-0724 EG, wld nx, rpt from Asia; g (Sharpe)  
 15120 AUSTRALIA RA; \*0600 EG, finally caught this much-QRM'd s/on, //17795 and 15115  
 (the latter s/on 0628); suspect this freq is to PNG (Lucas 7/27)
- 15120 SRI LANKA AMR via SLBC; 1104-1131\* EG, RMI w/ 60 Yrs of Adventist Radio, DX contest  
 info (Park 7/17)
- 15150 WEST GERMANY DW; 1930 EG, "Window on the World" pgm; g (Bauernhuber 8/9)  
 15150 INDONESIA VOI; 0836-0901 EG, nx? to 0843, id, tlk, Asian mx, nx 0852-0857, time  
 pips (5), more mx; p (Lucas 7/20)
- 15165 AUSTRIA ORF; 0430 EG, "Letter From Vienna", "ASWP" pgms (Park 8/1, Stanley)  
 15170 TAHITI R Tahiti; 0200 FR, telephone call-in, rock-pop mx (Blanchette, Stanley)  
 15185 USA WINB; 2145-2200 EG, rel pgms, id; f-p (Mayer 7/18)  
 15190 t CONGO Brazzaville; 2032-2105 FR, Afr-type mx, tlk by M & W; after nx, at 2048  
 mx continues; p (Bolland 7/23)
- 15190 SAIPAN KYOI; 0700 EG/JP, rock mx, id's, ads (Hakimnezhad 7/25)  
 15220 SOUTH AFRICA R RSA; 0700-0730 EG, to interior Afr, mx and short features (Summers)  
 15275 AUSTRIA ORF; 1230 EG, "Report From Austria" to ECNA, SIO 333 (Zilmer 8/6)  
 15290 BRAZIL R Bras; 0200 EG, //17830, "Mailbag", Braz mx; vg (Stanley 7/17)  
 15295 MALAYSIA VoM; 1540-1605 AR, voc mx, id by M 1600, nx (Sharpe 8/3) 0800-0815 EG,  
 nx, pop mx, TCs; vry weak but in the clear (Atkins 7/24)

- 15300 JAPAN RJ; 1900-1915 EG, nx by M (Reed 7/9) 2345 EG, //17825, "Japan Scene" poor (Stanley 7/18)
- 15320 UAE Dubai; 1925-2035 AR, AR mx, nx 2030 by M; f (Bolland 7/23)
- 15325 SEYCHELLES FEBA; \*1500 EG, nx of ASIA & Afr, "The World This Week" (Park 7/30)
- 15345 ARGENTINA RAE; 0230 EG, nx, tlk on Malvinas 0240 (Dickson 7/30)
- 15345 USA AFRTS; 2038 EG, mx nx on Culture Club, Eurhythms etc (Gaffin 8/3)
- 15375 SPAIN SFR; 2022 EG, recipes, bagpipe mx, nx; f (Pickard 8/4)
- 15385 CHINA RB; 0430 EG, nx, cmtry, SIO 232 (Zilmer 8/3)
- 15405 GABON NHK Special Test relay; \*0500-0530\* SP/EG/JP, tape loop w/ 1 min of soft trad mx and tlk; vp (Lausevich 7/8)
- 15425 SRI LANKA SLBC; \*0030-0225 EG, "Morning Show" w/ US & Brit pop mx and M DJ intro the songs; 0159 tlk by M, 6 pips, TC for 0730, into 5 min of wld nx followed by more of "Morning Show"; good level at tune in but by 0215 had faded and R Moscow co-ch began to dominate; //9720 covered (Cunningham 7/16, D'Angelo, Krist, Paszkiewicz)
- 15440 USA WYFR; 2100-2125 EG, rel pgm, Bible study (Gaffin 8/3)
- 15445 BRAZIL R Nac de Amazonia; 1125-1135 PT, tlk by M & W, pop mx pgm; f (Bobb 7/10) 0110-0130 PT, sports cmtry by 2 M, frequent id's; vg (Lausevich 7/29)
- 15525 TAIWAN WYFR relay; 1400 EG, Bible study, SIO 333 (Zilmer 8/7)
- 15550 USSR RM; 0045-0100 SP, nx, cmtry (Dickson 8/7)
- 15555 CLANDESTINE R Vatan; 0410-0557\* Farsi (presumed), lengthy tlk by W, mnt Iran; MEast voc mx, clear ID 0425, mnt Vatan 0432 (Jordan 7/21)
- 15575 TAIWAN VOFB; 1400 EG, nx, cmtry, SIO 343 (Zilmer 8/7)
- 15575 SOUTH KOREA RK; 1400-1500 EG, wld nx, "Short Wave Feedback"; g (Hakimnezhad 7/16) 1415-1500 EG, cmtry on religion, some pop mx, id's; into lang 1500 (Witzig 7/19) 0130-0145 SP, tlk by W w/ freq mnt of Korea, nx, id; vp (Lausevich 7/29)
- 15580 USA VOA; 1730-1745 EG, nx in Special EG (Gaffin 8/9)
- 15585 ISRAEL KI; 1530 Farsi, nx by M, tlk by W; f (Hakimnezhad 7/26)
- 15600 LIBERIA VOA relay; 1700 EG, nx, "Afr Panorama", nx in Special EG (Krist 7/26)
- 16433 KIRIBATI RK; 0600-0630 EG, wld nx, TC, wx, shipping nx, job info, mx (Fye 7/17)
- 17565 GRECE VoG; 1235-1244 EG, nx during GK pgm, SIO 242 (Zilmer 8/5)
- 17605 NETHERLANDS RN; 1445 EG, "NxLine" (Krist) 2028 EG, //11730 not as good (Witzig) 2100-2120 EG, Afr Svc (Hakimnezhad 7/22)
- 17610 BELGIUM BRT; 1406-1442\* EG, wx in Belgium, "Focus" (Krist 7/26)
- 17620 FRANCE RFI; 1600-1655 EG, "Paris Calling Africa" (Cassidy 7/28, Stanley, Krist)
- 17630 ISRAEL KI; 2000-2030 EG, nx, cmtry by W, g (Hakimnezhad 7/22, Jones)
- 17680 CHINA R Beijing; 0300 EG, //15120, 17855, "Profile" pgm (Stanley 7/15)
- 17705 NEW ZEALAND RNZ; 0230-0400 EG, nx, wx, TC's, rel tlk, radio play, mx (Jordan, Stanley Cassidy, Sobkoviak, Hazeltine)
- 17715 NORWAY RN; 1900 EG, nx, "Tasty or Not" pgm on food (Fraser 7/17)
- 17744.8 ALGERIA R Algiers; 2045-2100 SP, noted slightly off freq w/ pop mx, nx; hrd // 9685, 9640, 9508.8 (Alexander 7/15)
- 17745 ALGERIA RA; 2000-2034 EG, pop mx, nx, into SP 2030 (Zilmer 8/6, D'Angelo)
- 17775 UAE UAE Radio; 0330 EG, //15430, 11695, nx by M, wx in Dubai, tlk on culture (Stanley)
- 17800 TAIWAN VOFB; 2142 EG, nx; 0300 EG, nx, cmtry, mx interlude, //15345, 11825 (Zilmer, Stanley)
- 17815 BRAZIL R Cultura; 0145-0215 PT, id 0200, classical mx (Reed 7/19)
- 17840 SWEDEN RSI U.S.B.; 0230 EG, "Weekday" pgm sideband xmsn (Sobkoviak 8/6, Zilmer, Stanley)
- 17867 COLUMBIA R Nacional; 0155 EG lesson then id's by M & W, chimes on the hr, into SP (Johnson 7/26)
- 17900 USSR R Vilnius; 2200-2230 EG, nx, "Music Panorama"; g (Hakimnezhad 7/29) R Kiev; 0200-0228 EG, "Close Up On The Ukraine" pgm (Krist 8/3) R Yerevan; 0250 EG, mx, local nx, SIO 353 (Zilmer 8/6)
- 21477.5 ECUADOR HCJB; 2145-2200 EG, "DX Partyline" id; f (Mayer 7/11)
- 21480 MADAGASCAR RN relay; 1007 Indo, request show w/ W, Simon-Garfunkel, Andrews Sisters mx (Park 7/9)
- 21535 SOUTH AFRICA R RSA; 1725-1745 GM, nx, mx, financial rpt; g (Cassidy 8/2)
- 21600 RWANDA? DW; 1445-1450\* Hausa, nx by M, GM ID 0250 s/off (Mayer 7/17)
- 21610 JAPAN RJ; 0130 EG, wld, Asian nx, "Current Affairs" (Stanley 7/12)
- 21640 MADAGASCAR R Nederland; 1819\* AR, MEast mx, id 1818 (Jones 7/17)
- 21640 JAPAN RJ; 0130 EG, "Japan Scene" pgm (Stanley 7/22)
- 21740 AUSTRALIA RA; 0200 EG, //17795, "Four Corners" pgm (Stanley 7/19)
- 21725 USSR R Peace and Progress; 1300 EG, wld nx, cmtry; g (Hakimnezhad 7/13)

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From Dave Walcutt:

Per August FRENEX, the item listed as ZAIRE on 15350 is actually Radio-Télé Luxembourg.

Thanks, Dave. Remember to send your most recent loggings into IR-D. 73's and gud DX!

*Bob*

# LOG FRENEX REPORTERS

Nick Pappas, 251 S. Olds Blvd., Apt. 243 Fairless Hills, PA 19030

Welcome to the September '83 edition of FRENEX, and thanks to the following forty-eight members for their contributions:

Brian Alexander, Mechanicsburg, PA; Kevin Atkins, Birmingham, AL (R390A, SX110); Ray Bauernhuber, Rosedale, NY (RF2800); Marion Blanchette, Thonotosassa, FL (DX100, RF260, R600); Norman Bobb, Minneapolis, MN (R600, XCR30); Charles Bolland, Lakeworth, FL (Icom R70, FRG7000); Richard Cassidy, Kennebunkport, ME (R1000, ICF2001); Larry Cunningham, Columbus, OH; Richard D'Angelo, Wyoming, PA; Richard Dickson, Loveland, OH (DX302, XCR30); John Dillaman, Centerville, OH (R70); Don English, El Paso, TX; Kurt Enkenhus, Silver Spring, MD; John Fisher, Chelmsford, MA (GPR90); Bob Fraser, Cohasset, MA (XCR30); Del Fye, Miami, FL (R7); Paul Gilster, Raleigh, NC (R70, ICF2001); Reza Hakimzhad, Tuscon, AZ (FRG7700); Michael Hawk, Hampton, VA (GE World Monitor II, XCR30); Hans Johnson, Kingswood, TX (FRG7000, RF2200); Brian L. Jones, Houston, TX; Rufus Jordan, Pittsburgh, PA (DX302, Zenith Transoceanic); Kraig Krist, Falls Church, VA (FRG7700); Terry Krueger, Casseberry, FL (R70, RF4900, RF2900); Arnold Lavsevich, Milwaukee, WI (HQ180C, RF4800); Jerry Lineback, Conroe, TX (R7); Christopher Lobdell, Stoneham, MA (FRG7000, HQ180AX); Rick Lucas, Stockton, CA (R1000); Bill Mayer, Allentown, PA (DX200, TCS12); Tom Mazeltine, Seattle, WA (FRG7, ICF5900W); Shawn McDaniel, Rolling Prairie, IN (DX150B, S85); Fritz Mellberg, Hawarden, IA (RF2900, R70); Don Moore, Santa Barbara, Honduras (FRG7mod, ICF7600A); Dale Park, Honolulu, HI (ICF6700W); Sheryl Paszkiewicz, Manitowoc, WI (DX302); Wilder A Pickard, Evanston, IL (R7, XCR30); Stewart Reed, Baton Rouge, LA (FRG7mod, R70); Betsy Robinson, Clinton, TN (ICF2001); Bryan P. Sharpe, Castro Valley, CA (DX302); Rob Sobkoviak, Plainfield, IL (GE World Monitor II, DX200); Trevor Stanley, Flagstaff, AZ (NRD515); Nolan Stephany, Williamson, NY (R392); Steve Summers, Mechanicsburg, PA; Dave Valko, Dunlo, PA (DX160, FRG7); Terry Weinfeld, East Earl, PA (R1000); Eric Witzig, Annandale, VA (R1000); Bob Woods, Front Royal, VA (RF4900); Robert Zilmer, Rio Rancho, NM (R1000, ICF5900W).

Looks like many of us are escaping the summer heat by turning on our air conditioners, and at the same time, our radios.

Special welcome to new member Josh Gaffin of New York.

As always, thanks to everyone who has taken the time to contribute. Deadline for next month is the twelfth.

Until next month, 73's and good DX.

*Nick*  
7

HAP THANKS: For recent donations of articles for HAP we thank the following individuals....

Mark Schlesinger, Ian McFarland, B. Robinson, T. Mooningham, J. Fortney, R. Howard, R. LaVoie, C. Mann, P. Choroszy and the rest of the people at ANARC-83 in Washington D.C..... Sam.

READ ON AS WE HAVE MANY NEW ITEMS THIS TIME...Sam.

HAP DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any five(5) for \$1.00

New since last issue: Radio Clyde, Radio Bucharest, Radio Tees, Radio Milano International, WRSR, Radio Canada International, KWK, Swiss Radio International, Radio France International (large) (circular) (small) (blue) (red), Radio Vatican (square) (small) (semi-cir.), WIBV, WMAI, KMJR, WRIF, Radio Sweden International (small) (large) (circular), Radio Suede International, WCBW, KCFM, ANARC (small), WEAM, WBLI, WGLI, CKGB, CFTL, Radio Moscow (red) (green), WJNC, WXQR and Radio Berlin International (large) (small)... The following are also available at the same prices: Radio Derby, RNE, WDR (small) (rock), WQMR, Radio 270, Break Radio, KROR, KFOG, 55-Country, KLRZ, WNET, WABB, KBAM, FM-98, FM-102, Radio Monte Carlo, Rete Quattro, PCH, Polskie Radio (green) (blue) (gray) (orange), Radio Budapest, Swansea Sound, BDXC, KTYD, RIAS, 6WF, Radio DeeJay, ORF, 6KY, 4ZA, 1ZB, WGGI Metro Radio, WGLB, KBDF, KVET, KBOI, KKFV, KPNW, KOME (black) (yellow), WQHF, KDKD, WCFI, KTOX, WEZK, WQFM, WLRB, WEEI (mini), WZZO, WIRE, KROY, WLPW, WWSW, WLPX, KLOS, KWIE, KATA, KGB, KYXX, KL0L, WINS, WDET, WPLJ (Stones) (Doors) (Rock n' Roll) (AC/DC) (who), WLLZ, WMO (mini) and ESFN.

HAP BID ITEMS: #738: Voice of Indonesia cloth pennant (4x9") m/c-nice! #739: Norea Radio (Norway) paper pennant (3.5x8") red, white, blue. #740: Radio Mexico sticker (3.5x4.5") m/c. #741: Deutschlandfunk (FRG) vinyl pennant (5x7.5") m/c-beauty! #742: Deutschlandfunk sticker (5x6") m/c. #743: Radio Casino (Costa Rica) cloth pennant (4x8") white, dark green. #744: Radio Universidad de Concepcion (Chile) cloth pennant (2.5x3") m/c-beauty! #745: Radio Veritas (Philippines) paper pennant (3x5.5") red, black, blue. #746: Radio Cayman (Cayman Islands) sticker (3.5x11") orange, B&W-rare!! #747: Radio Clyde (Scotland) metal badge (2" cir) red, white. #748: RFI (France) key chain, silver-very, very nice! #749: Radio Italy key chain, red, white. #750: Voice of Free China-NA Service cloth pennant (5x8") red, white, blue. #751: FEBC (Philippines) paper pennant (4x9") m/c. #752: RFI bag tag, blue, white. #753: SUV (Australia) sticker (2.5x10") yellow, brown. #754: Radio Peking cloth pennant "Girl with Building" (6x11") m/c-beautiful! #755: Radio Ulan Bator (Mongolia) paper pennant (4x6") red, blue, gold. #756: Radio Bucharesti (Romania) cloth pennant (4.5x7") blue, white, purple-good looking! #757: Radio Korea cloth pennant w/ yellow tassel (4x9"). #758: HCBJ paper pennant (4x9") yellow, black. #759: Radio Peking paper pennant "Mt. Village" (5.5x10.5") m/c. #760: Radio Peking paper pennant "Yenan" (5.5x10.5") m/c. #761: Radio Peking paper pennant "Tien An Men" (5.5x10.5") m/c. #762: Radio Peking paper pennant "Chingank Mts." (5.5x10.5") m/c. #763: Radio Studio 91 (Italy) sticker (4" cir) m/c with woman-very beautiful! #764: TV-59 (Italy) sticker (3x3.5") m/c. #765: TV-Abrozese (Italy) sticker (3.5" cir) m/c-sharp! #766: Europe #1 (FRG) sticker (2.5x7") m/c-nice! #767: Radio Koper-Capodistria (Yugoslavia) sticker (2.5x3") m/c. #768: Radio-TV Svizzera Italiana sticker (3x5") red, white, blue. #769: Radio Milano International (Italy) prismatic sticker (3x8") m/c-beauty! #770: Radio Voce (Italy) sticker (2x7") red, B&W. #771: Deutsche Welle (FRG) cloth pennant (6x13.5") blue, white. #772: RFI cloth pennant (4x8.5") blue, white. #773: RNE (Spain) cloth pennant (4.5x8") m/c. #774: AWR (India) paper pennant (4x10") blue, white, yellow. #775: Radio Sweden cloth pennant (4x10") blue, yellow. #776: HRVC (Honduras) cloth pennant (6x10") B&W, blue-beautiful! #777: Radio Korea double sided paper pennant (4x8.5") m/c. #778: Radio San Sebastian (Spain) paper pennant (4x6") blue, B&W. #779: WBBM "Rainbow" decal (4x8") m/c. #780: Radio Sweden paper pennant (4x10") blue, yellow. #781: Radio Tees (UK) balloon, red, B&W. #782: Radio Praha (Czechoslovakia) cloth book marker "Woman" (3x8") m/c. #783: Radio Praha cloth book marker "Bldg" (3x10") gold, B&W. #784: Radio Truro (Swaziland) sticker (3.5" cir) B&W-nice! #785: Radio Veritas cloth pennant (4x7.5") blue, yellow, white. #786: Radio Veritas cloth pennant (4x7.5") yellow, B&W. #787: Radio Veritas cloth pennant (3x5.5") blue, white. #788: RBI double sided cloth pennant (6x9.5") m/c-beauty! #789: RBI double sided cloth pennant (5x8") m/c. #790: RCI (Canada) vinyl pennant (4x9.5") red, white. #791: Radio Nederland cloth pennant (4x6") red, white, blue. #792: RCI 3 different photo cards of their Western, African and NA Sections. (4.5x9") B&W. #793: RCI 2 different QSL cards "B/C Year" and "Canada Council" (4x6") m/c. #794: RCI 3 different photo cards of their announcers (3x5") B&W. #795: Radio Nederland 4 different m/c stickers including "DX Jukebox""His/Hers""Afroscene""I Listen To". #796: RSI (Sweden) 35th anniversary QSL card (4x8") m/c. #797: ANARC metal badge (1.5" cir) B&W-rare, last issue! #798: RBI stick pin, blue, white-nice! #799: Radio Nacional do Brasil sticker (3.5" cir) m/c. #800: KGBX "Bo Duroc" pig photo (3x5") m/c-interesting! #801: RBI large litter bag (11x17") m/c. #802: CKOI sticker (3x8") red, white, blue. #803: WSM metal badge (1.5" cir) red, white, blue. #804: WLNA "Bic Razor" yellow, B&W-it works! #805: Radio Vatican First Day Cover 1981 "50th Anniversary" w/ stamp! #806: ANARC pen, B&W-very rare! last issue. #807: KVOO station whistle (1x3") B&W, yellow. #808: Radio Bucharest key chain, m/c. #809: Radio Peking "Panda" cloth pennant (6x11") green, B&W.... Something for you?

ADDRESS: Mail your bids and orders for direct sale items to Sam Barto, 47 Prospect Place, Bristol, Conn. 06010 USA.

ADDITIONAL DIRECT SALE ITEMS: The following stickers are \$.50 each: Radio Nederland, Radio El Mundo, KTTS, KCBX, BRT (silver) (red), Radio RSA, 4MK, ANARC (large), Radio Vatican (pennant) and VOFC (pennant). We also have 4XO, WDR (TV), 7EX, RTE Radio 2, Radio Rumbo, CKCR, Radio London-266, 2CH, Radio Avon, 2YB, Radio Deutsche Welle (black) (red), Peter Flowers Radio (large) (small), Radio Rhema, Capital Radio, GDXC, Radio Waikato, TIR Radio, Canales TV, Radio City-299, Radio Caroline (black) (white)... Also at quoted prices Radio Vatican (photo) (calendar) at \$.25; WPLJ, WGBB or WIL plastic ID cards at \$.25 each; WMM push button at \$.25; WLDS button at \$.25; WCTC key chain at \$.50; 4CG metal badge at \$.50; WMMR, WLPX, KHL metal badges at \$.25.

# NORTH AMERICAN SHORTWAVE ASSOCIATION

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