



NO COLLECT CALLS ON THESE ADS. PLEASE.

FOR SALE: Modified FRG-7 with two selectivity positions. Excellent condition with original carton and manual, \$275.00. Matching speaker, \$25.00. GAR-7 Digital Readout for above FRG-7, \$75.00. Or all items for \$350.00. I pay shipping and insurance in 48 contiguous states. Gene Nix, 428 Prairieview Drive #A, Gillette, WI 82716. Phone (307) 682-2623.

FOR SALE: Mint Yaesu FRG-7, Gilfer modified, purchased in summer of 1982. Unit was unpacked, then quickly repacked because of house move and has never been reopened. 110-120 volts AC, 12 DC. Price \$205.00. Larry Albert, P.O. Box 83, Chestnut Hill, MA 02167. Phone (617) 254-6398.

FOR SALE: Hammarlund HQ-100 general coverage receiver in very good condition with manual. Price \$115.00 plus shipping. Charles Klawitter, 4627 North Bartlett, Milwaukee, WI 53211.

FOR SALE: Kenwood R-1000 communicatio receiver, 200 kHz - 30 MHz. Like new with built-in speaker, manual, radio books, headphone. Price \$300.00 postpaid firm. George W. CA dy, 2970 North Sheridan, #1219, Chicago, IL 60657. Phone (312) 871-0987.

FOR SALE: New model portables recently purchased (except MFJ) for RCI and 1984 WRTH. \* indicates newly released model imported from Japan or Germany (may not be yet available locally in US). (w) = includes US factory warranty. Includes UPS within contiguous US. Grundig Satell- lite 300\*, synthesized midsize ac/dc, \$265. Grundig Yacht Boy 700\*, digital midsize ac/dc, \$147. Panasonic RF-9 (w), analog mini, \$65. Panasonic RF-B50 (w), analog compact, \$89. Panasonic RF-799 (w), synthesized midsize ac/dc, \$159. Silver XF1900\*, improved version of DX-360 w/digi fq/clock, \$87. Sony ICF-7600D\*, synthesized compact (same as ICF-2002), \$169. Toshiba RP-F11\* analog compact, \$88. WB-1C "Moscow Muffler" noise blanker, premium version, includes optional ac power supply, \$117. MFJ-1040 preselector, \$49. Larry Magne, Box 428, Penns Park, PA 18943.

FOR SALE: FRG-7700 with memory, Gilfer modification of 2.4, 4.0, 6.0 filters, antenna tuner, DC input memory unit and wired for 12 volt. Factory manual and carton included. Mint condition. Price \$395.00 UPS paid. Joe Palkovic, 621 Truesdell Avenue, Altamonte Springs, FL 32701. Phone (305) 331-5982.

FOR SALE: Hammarlund HQ-180A with matching speaker, preamp, and manual. In good condition. Price \$250.00 plus shipping. Hallicrafter SX-42 with matching speaker and manual in good condition, \$200.00. International Broadcast Receiver - Squires Sanderson, Inc. with speaker and amplifier. This is like brand new and has been used only a few times then stored. Cost \$700.00 new, will sell for \$400.00 plus shipping. Drake SW-4A receiver with manual and a Hallicrafter R-50 speaker, both in very good condition, \$150.00 plus shipping. Heathkit HR-10 Hamband receiver (10, 15, 20, 40, 80 meterbands) This is in excellent condition and is a powerful little receiver. Price \$35.00 plus shipping. No reasonable offer refused on these items. C.J. Oreakar, 3763 Juniper Drive, Concord, CA 94519. Phone (415) 676-5198 from 0200 to 0500 GMT.



We have 60 new and returning NASWA members to announce who have joined since our last listing which appeared in the November, 1983 issue of FRENEX. We welcome them!!!

BIRNBAUM, Bernard, Atlanta, GA	LONG, David, Stanhope, NJ
BORGEN, Stephen G., Jacksonville, FL	MacGIBBON, Bruce, Gresham, OR
BRANDI, Ralph A., University Park, PA	MARCARELLI, Louis G., Norfolk, MA
CARTWRIGHT, Brian L., Johnstown, PA**	MORGAN, Edward J., Honolulu, HI
CAMILLO, Michael, Ridgewood, NJ **	MARROQUIN, Rene, Stone Park, IL
CLELAND, H.J., Carmichael, CA	MOSS, Bruce C., Kokomo, IN
COLE, Whiteford R., Brookline, MA	NIANA, Jim, Phoenix, AZ
COOK, John G., Swarthmore, PA	PATNODE, H. Whitman. Tavares, FL
CORSO, George, Waterloo, IA **	PEED, Bud, Sykesville, MD
DYE, E.E., Russellville, AR **	RADABAUGH, Edward A., Lima, OH
ECKERT, Rev. John C., Norristown, PA	REISS, Ken, Grand Forks, ND
EHN, Gösta, Miami, FL	SALLADIN, Charles A., Oswego, NY
FINN, Andy, Marion, IL	SGROSSO, Al, Lexington, MA
FREET, Ben, Carlisle, PA	SHAFF, S.J., St. Peters, MO
GEIST, Michael, Willowdale, Ont.	SMALLWOOD, James A., APO New York **
GRAHAM, P. Jewel, Yellow Springs, OH	SMITH, Leland J., Big Bear City, CA
GRAY, George R., Bensenville, IL **	SMOLENS, Beatrice, Marlton, NJ
GRECO, Frank M., Sr., Temple Terrace/	SNIPES, Donald R., Norfolk, VA
GOSLOW, BRIAN, Worcester, MA FL	THOROUGHGOOD, John, Tyne & Wear, U.K.
GREEN, Jerry L., Maryville, TN **	TKACH, Fred, Austin, TX
GURLEY, Ted M., Beaumont, TX	TURKELTAUB, Steven D., Floral Park, FL
HASTIE, Larry, Baytown, TX **	WABA, Don L., Jr., Gillette, WY
HAYDEN, Dr. Claude, Woodland Hills, CA	WATTS, Robert E., Ayer, MA
HELMS, Harry L., Guttenberg, NJ	WERTHEIMER, Andrew, Golden Valley, MN
ITO, Masakazu, Niigata, Japan	WORDEN, Carl N., Caledonia, NY
JAKL, Peter, Roselle, IL	
JOHNSON, Edward, Penton, MI	** Welcome back to former
JOHNSON, Roger W., Cape Coral, FL	NASWA members who have
KERWIN, Jack, Marysville, WA	been away for a while.
LASKOWSKI, Tom, South Bend, IN	The next listing will appear in the
LEGG, David B., Highland, IN	March issue of FRENEX.
LEVINE, Robert V., Monroe, NY	
LOGSDON, Mark, Indianapolis, IN	

### PHASING OUT THE LIBERTY ADDRESS

After over ten years of dedicated work for NASWA, Mac Leonhardt has decided it's time for a rest. We have already begun to transfer the NASWA Business Office to Levittown, and we ask that all members please take notice of the change. All correspondence in NASWA/FRENDX matters should now be directed to the Levittown, PA address. When one considers the amount and quality of work Mac Leonhardt has done for NASWA over the years, it seems almost absurd to say merely "Thank you," but there isn't really much else to say. Thanks, Mac.

### EXECUTIVE COUNCIL MEMBER ELECTIONS

With Mac Leonhardt's retirement from NASWA affairs comes his resignation from the NASWA Executive Council and this, coupled with the resignation of former publisher Alan Mayer, leaves two vacancies to be filled by election. The present Executive Council members are Don Jensen, Glenn Hauser, and Bill Oliver. The NASWA Constitution states that new Executive Council members must be chosen from willing and active editors and committee members, and those who have agreed to serve if elected are:

TOM ALLEMAN, Mid-month and FRENDX Update  
SAM BARTO, QSL Report  
JERRY BERG, Log Report "B"  
JOHN C. HERKIMER, Shortwave Center  
NICK PAPAS, Distributing Editor and "Pappas on Programming"  
DAVE WALCUTT, Log Report "C"

All NASWA members are eligible to vote in this election. Just send a letter or postal card to NASWA, 45 Wildflower Road, Levittown, PA 19057 naming the two editors from the above list that you would like to see elected to the Executive Council. All ballots must be signed by the voters. We hope to have the results by the next issue of FRENDX.

### NO COLLECT CALLS ON THESE ADS, PLEASE

**FOR SALE:** Realistic DX-160 with matching speaker, manual, 12v adaptor cable, and antenna connector for use in automobile. Price \$70.00, I'll pay shipping. Mike Westphal, 13333 Broadway, Apt. 2, Alden, NY 14004. Phone (716) 937-7345.

**FOR SALE:** Hammarlund HQ-200 receiver, tube-type, with manual. In good condition with only minor scratches. Features "Q" multiplier, antenna trimmer, and noise limiter. Price \$205.00, I pay shipping. Martin H. Gallas, 409 Embree, Princeton, IN 47670. Phone (812) 385-2715 after 5:00 pm CST.

**WANTED:** I would like to contact other members who own the DX-302 to discuss supplemental gear and possible antenna system successes. J. Conrad Meaders, 2197 Clairmont Terrace, N.E., Atlanta, GA 30345.

FOR SALE: Hallicrafters SX-100 general coverage receiver. Excellent shape, selective and sensitive. Has notch filter and 5 filters (5, 3, 2, 1, and .5 kHz), coax connector, pitch control, notch frequency, matching speaker, etc. Price \$200.00. ALSO Collins 51-J general coverage receiver. In excellent condition. Manual and crystal filter with 5 positions. Price \$300.00. Frank Nathanson, 1872 Munster Avenue, St. Paul, MN 55116. Phone (612) 690-4574.

FOR SALE: Collins R-390 in cabinet. Good condition. Inside is clean as a whistle and well-cared for. Prefer pick-up in central Kentucky area. Price \$300.00. ALSO Panasonic RF-4800. Like-new condition. No modifications. Price \$275.00, I'll pay shipping. Loy Lee, Route 4, Lot 7, Monticello Acres, Richmond, KY 40475. Phone (606) 622-1657 daytime and (606) 623-0819 evenings.

FOR SALE: NRD-515 receiver modified by Radio West with 3 Collins filters. Matching speaker. Price \$1075.00 includes UPS shipping. Mark Gorden, 5428 Fulton Street, San Francisco, CA 94121. Phone (415) 556-5116 days and (415) 752-2013 evenings and weekends.

FOR SALE: Panasonic RF-2200, \$70.00 and/or matching Panasonic antenna coupler-tuner, \$15.00. You pay shipping. Scott Cavenport, 403 Woodland Hills, Tuscaloosa, AL 35405. Phone (205) 553-4715.

FOR SALE: Galaxy R530, SC-530 speaker with manuals, \$225.00 or best offer. Gilfer A-20 Pre-selector, \$20.00. FRENEX - complete 1/77 to 12/81 and WRTH 78 to 81 for best offers. Cashiers check or money order. All items plus shipping. Al Drehmann, 11714 SW 129 Court, Miami, FL 33186. Phone (305) 385-3879.

FOR SALE: Drake R-7A receiver, Gilfer modified. Five selectivity filters, AUX-7 program board covering 60, 49, 31, 25, and 19 meter bands and continuous coverage from 10 kHz to 30 MHz, accessory for using your car radio by using DC plug, and Yaesu SP-10 speaker with five tones for best sound. Also has three SO-238 receptacles for tight connectors to your antenna in the back. Original container and manual. Price \$1300.00, I will ship UPS in the United States. Bill Mercer, 1279 Cedars Road, Collegive, PA 19426. Phone (215) 265-3900.

FOR SALE: (All equipment includes manuals). Bearcat 200 scanner with squelch tape recorder on/off module (recorder not included) in perfect shape. One year old. Lists at \$225.00, asking \$140.00. ALSO Microworks P180C serial/parallel interface for Radio Shack Color Computer. Use with parallel printer on the COCO. Perfect shape, one year old. Lists for \$69.00, asking \$40.00. ALSO G.E. Model 3-5015A cassette recorder in perfect shape, one year old. Asking \$12.00. ALSO Radio Shack Model 100 portable computer, 24k, with AC PS modem cable. One month old in perfect condition. Three items list for \$1025.00, asking \$725.00. Vince Pinto, 2 Farview Terrace, Sufferin, NY 10901. Phone (914) 357-7266.

WANTED: Contact with DXers who also collect beer cans. Stateside or worldwide. Noel Brown, 221 St. Johns Road, Auckland 5, New Zealand.

FOR SALE: Back issues of FRENEX in entire year sets all in perfect condition. Complete and postpaid. 1976 - \$14.00; 1977 - \$13.00; 1978 - \$13.00; 1979 - \$12.00. ALSO: WRTH's, all in good or better condition, complete, no missing pages. 1973, 1975 (two), and 1976. Price \$5.00 each postpaid. Terry Klasek, 9720 Vickie Place, St. Louis, MO 63136. Phone (314) 868-7274.

FOR SALE: Yaesu FRG-7, good condition, good performance. Have heard 180 countries with it. Am selling because I've upgraded. Price \$195.00 including UPS. WANTED: Good portable with digital readout. Write stating what you have, condition, and price. Scott McClellan, P.O. Box 982, Battle Creek, MI 49016

**FOR SALE:** AEA MBA-RO teletype reader, power supply and stand. World Press Services frequencies and Gilfer Guide to RTTY frequencies. Mint condition. Price \$210.00. Steven R. Lare, 824 West 25th Street, Holland, MI 49423. Phone (616) 335-2270.

**FOR SALE:** 1984 Tropical Band Guide. Lists 2000-5900 kHz NASWA log reports from 2/80 to 1/84. Exact frequencies, schedules with variations or fade in/fade out times, NA Rarity Guide. country/city/station name check boxes for heard/QSLed/taped, miscellaneous notes, introduction with abbreviations, etc. Price is \$3.00 in North America, \$4.00 elsewhere by air mail. George Sherman, Box 2284, Minneapolis, MN 55402.

**FOR SALE:** Hammarlund HQ-180 in very good condition with schematic and alignment data. Price \$200.00, or will swap for a Kenwood R-600 or Yaesu FRG-7. **ALSO:** Hammarlund HQ-145A in good condition. Makes a good standby receiver. Will swap for a Mizuho SX-59 Preselector or \$75.00. Included with each receiver is an enclosed 8" speaker and spare tubes. A good deal, must move for lack of space. Can ship UPS, but prefer pickup if possible. Steve Kennedy, P.O. Box 231, Immokalee, FL 33934. Phone (813) 657-4974 from 2300 to 0400 GMT.

**FOR SALE:** Realistic DX-302, essentially like new. Original carton and instructions. Ser ed me well, but I'm moving up to a new receiver. Price \$170.00 or best offer. Richard (or Austin) Kelly, P.O. Box 2442, Hammond, IN 46323. Phone (219) 845-5623. I'll pay UPS.

**WANTED:** R-7A or R-70 in mint condition only. Some modifications acceptable. **ALSO WANTED:** Info Tech 200F or 600A and compatible monitor in mint condition only. **ALSO WANTED:** Crystals for SPR-4 covering the 16.0, 13.5, 18.0, 18.5, 19.0, and 19.5 segments. **FOR SALE:** Sony 2001 in excellent condition with carton. Price \$158.00 including UPS. **ALSO:** Numerous aviation, SW and scanner books and charts for sale. Send SASE for list. Jim Uerlings, 3908 Kelly Drive, Klamath falls, OR 97603. Phone (503) 884-7659 after 0100 GMT.

**FOR SALE:** Vintage radio, 1942 Crosley, Model #106, C-P, AM/SW/record player, 6 pushbutton tone controls, new tubes. Best offer. Joe Myers, Phone (703) 635-3812 or Bob Woods, 1409 Adams avenue, Front Royal, VA 22630.

**FOR SALE:** Kenwood R-1000 with 2.9 mechanical filter. Excellent. Price \$300.00. Kantronics Field Day 2 RTTY/CW/ASCII reader. Mint. Price \$240.00. Bearcat 20/20 40 channel scanner, one year old with mobile bracket. Excellent. Price \$225.00 You pay UPS on these. **WANTED TO TRADE:** Any of above with cash where necessary for excellent Drake R-4B with or without digital readout. Would trade also for excellent SP600-JX17, 51J4, HQ-140, HQ-145, HQ 129X, or HQ-150. Also looking for Realistic TRF, Model 12-655. Jerry Strawman, 519 30th Street NE, Cedar Rapids, IA 52402. Phone (319) 362-7124 after 0030 GMT.

**FOR SALE:** Autek QF-1A SSB/CW/AM filter in wxcellent condition with manual. Price \$45.00. **ALSO:** MFJ 901 antenna tuner in excellent condition. Price \$25.00. Postage included on both items. Steve Leite, 190 Healy Street, Fall River, MA 02723. Phone (617) 675-2830.

**FOR SALE:** 1982 WRTH in excellent condition postpaid to you for \$11.00. **ALSO:** 1978 WRTH in excellent condition for \$8.00 delivered. Larry M. Abraham, 3839 Sherman, Bridgeport, MI 48722.

**FOR SALE:** Grundig Yachtboy 100. Great portable with six SW bands and LW, MW, and FM. Price \$65.00 postpaid. Frank Wheeler, 415 East Farmer, Andover, KS 67002.



# SHORTWAVE BROADCAST CENTER



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

January 1984

If the masthead above looks a little "dated", there's a good reason--it's from the January 1968 edition of "Shortwave Broadcast Center", the forerunner to our present-day column. Its editor was considered to be one of the most influential DXers of the time. Yet, impossible logs and impressive veries aside, it was his insistence on accuracy and quality that made him a respected hobby figure. Some 16 years later, he's still "on top" and guru to countless serious, dedicated DXers...he's DON JENSEN.

Don became a DXer at the age of 11, back in 1947, and over the years he's explored virtually all forms of the listening hobby. His favorite is, of course, still shortwave broadcast DX. In those years Don served in a number of official posts for several clubs, including NASWA, which Don joined in 1963 (then known as NASA). It was Don who founded the Association of North American Radio Clubs (ANARC) in 1964, serving as its first executive secretary.

A writer by profession, Don works for a daily newspaper in his hometown of Kenosha, Wisconsin. His freelance articles have appeared in a variety of radio-related publications since 1967, most recently in "Popular Communications", and he's currently involved with the "Radio Database International" publication compiled and edited by Larry Magne. In the past, Don has also worked in the broadcasting industry, both in radio and television. He is married with three children.

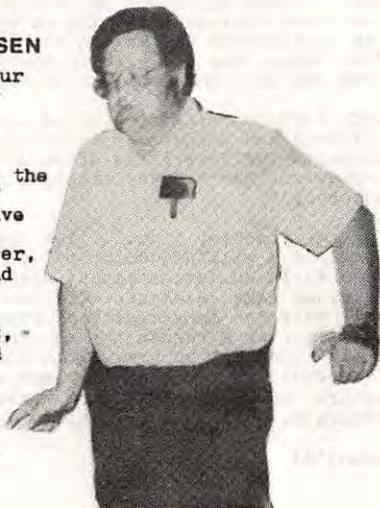
Don kindly agreed to answer a few of my questions....

## INTERVIEW

### THE SHORTWAVE CENTER INTERVIEW: DON JENSEN

SWC: Turn-around has always been common in our hobby. People aspire to the top of the hobby ranks then suddenly disappear. How have you managed to stay active for 30-plus years?

Jensen: I began DXing in 1947, introduced to the hobby by my father and an initial logging of HCJB. I was thrilled that shortwave radio gave me the opportunity to "see" all sorts of distant and exotic places. Now, 36 years later, that still thrills me. I am a DXer and I find the quest for the far away and far-out DX stations fascinating. That may not be the choice of others; it is mine. Over the years, a number of special interests have sustained my activities. I've concentrated on certain areas of the world--the Indian subcontinent, later, Indonesia and then Latin America in general and the Andean region in particular. As my friends know, my last frontier--someday--will be to seriously pursue the Brazilian stations. But not yet!



(cont'd)

INTERVIEW (cont'd)

SWC: Since 1969 you've been involved with your own bulletin, "Numero Uno". Why did you feel a need to start your own newsletter?

Jensen: Unlike today, in 1969 there was no hobby source for quickly exchanging hot DX tips. Club bulletins were monthly; DX programs were taped in advance, or for other reasons, had mostly outdated information. My own DXing needs were not being met. So I invited some DXing friends and acquaintances to exchange their top DX tips via a weekly newsletter I proposed to publish. Some 700-plus weekly issues later, NU is still operating.

SWC: NU's invitation-only status has left it open to rather heated charges as a "secret society"--a closed group of upper echelon DXers who hoard information rather than pass it on. Can you respond?

Jensen: Any so-called controversy about NU is much ado about nothing, and probably concerns only a relative few persons. I suspect most NASWA members have little interest in it. But since you asked, let me observe that there isn't anything sinister about a small group of DXers who choose to "put and take", sharing their DX loggings with each other via a weekly mailing. Its membership was limited to 30 members when it was organized in 1969. The number was arbitrarily selected, but it represents about the maximum that can be handled by the two co-editors without creating an impossible workload. Surely there are far more than 30 top, experienced DXers in the world today, so why should there be a big deal about membership and a supposed elite. Any complainers would do better to gather together other active, top DXers and exchange their own tips via a weekly newsletter. NU has no monopoly on DX news nor on the means for exchanging it among a group of members. NU members are individuals and make their own decisions about whether they want to support other clubs or bulletins. Many do, and several, in fact, are FRENEX editors. Hoard information? You can't hoard information! NU members, through their interchange, may have a time advantage, with a weekly publication, in getting tips from fellow members, but none at all in learning what non-members are hearing. DX news is published in hobby bulletins or broadcast on DX programs sooner or later... and usually it is sooner.

SWC: Your series, "On To The Top", has appeared twice in FRENEX, first in 1972. Can anyone with ambition be a serious DXer or are there certain intellectual skills one must possess?

Jensen: The "On To The Top" series was specifically directed to those who, by their own definition, are DXers who want to do their best in pursuing their chosen aspect of the hobby. It will be, simply, irrelevant to those who favor program listening as opposed to DXing. Being a top DXer requires the development of certain skills and the gaining of required knowledge. That takes time and effort; there's no shortcut. Yes, I think that anyone with the will and ambition to do that can become the serious DXer you mention.

SWC: A reoccurring problem in our hobby is fraudulent reports, both to stations and bulletins. While it may be easy to dismiss as inexperience, it seems the culprit is often someone who is eager to climb the ranks in a shortcut manner. Why are so many in our hobby obsessed with "being somebody"?

Jensen: Frankly, I don't like the term fraudulent reports, since that suggests a willful desire to deceive. I think this rarely occurs. Incorrect reports in bulletins almost always are the result of mistakes, not fraud. Everyone makes mistakes. The careless listener, the inexperienced listener will make too many mistakes. Too many, over a period of time, will earn the reporter a reputation as unreliable. His logging reports cannot be relied upon for accuracy. I think we are all interested in being considered "somebody". I don't think there's anything wrong with that...it's human nature. But it's best to be considered the "somebody" who is careful, accurate, solid and reliable.

(cont'd)

INTERVIEW (cont'd)

SWC: Verifications have long been a hobby staple, especially to the serious DXer. In recent years, economic factors have caused both station and listener to reconsider. Would your hobby involvement be incomplete without veries or is the pure joy of listening enough?

Jensen: It is purely a personal choice, but I enjoy collecting veries. It isn't important whether they actually are proof of reception, since I don't send a report until I am personally convinced that I have, in fact, heard the station. QSLs are part of the hobby tradition I grew up with. They are a tangible part of an otherwise relatively intangible hobby. In a choice between having a verie and not having one, I opt for the former. I recognize that many fine DXers choose not to collect QSLs. That is their choice and I respect it.

SWC: The pursuit of veries, especially to smaller stations, is perceived as rather one-sided. How can we improve our rapport with small, poor operations when we literally "take our veries and run"?

Jensen: I don't consider correspondence with Third World stations to be one-sided, a case of taking the verie and running. The fact that these stations reply, when there is no real reason why they should, suggests that something in a listener's report triggered a desire to return the contact, making it a genuine person-to-person reaching out. I think there is considerably more interaction in a report to a DX station that draws a reply than in the usually impersonal QSL card from a faceless station functionary at a major international broadcaster.

SWC: Program listeners contend that we are missing the point by ignoring the programming directed to us by international broadcasters in favor of chasing weak, rarely heard stations. Do you really think that shortwave is a successful information and entertainment medium?

Jensen: While we may be missing THEIR point, there are a number of valid points in our listening hobby. There is nothing inherently better about tuning in English language programs from an international broadcaster than, say, really enjoying a particularly haunting huayno from a backcountry Peruvian station at 1030 GMT. While I think the major international broadcasters do a generally good job in the area of news and information, I don't consider their entertainment broadcasts particularly good.

SWC: Many years ago you were instrumental in NASWA's switch to all-shortwave broadcast in content. As a former editor, and currently chairman of the Countries List Committee, how do you feel about NASWA today?

Jensen: As one of NASWA's most veteran members--20 years--I consider it to be consistently the best of the shortwave clubs.

SWC: What improvements can we make?

Jensen: Editors and members should continually strive to make the contents of FRENEX more accurate, useful, informative, educational. That sounds like a vague generalization...and it is. And it may be trite...but it's still true.

SWC: Where are we going as a hobby?

Jensen: I don't know. And I've reached the point where I'm not looking for any cosmic truths. I'd be satisfied just to be able to continue to enjoy DXing as I enjoy it, for years to come.

SWC: Don, thanks for the "sage" advice on behalf of all of us. You're a class gentleman, as anyone who's met you can attest.

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Those of us who regularly listen to "SWL Digest" over RCI were pleasantly surprised to learn that Larry Magne's "Radio Database International" will become a regular feature on the program. And who's going to fill us in on the Tropical Band scene? Don, again. Now that's going to be good! (JH)

INDEX TO SHORTWAVE CENTER 1983

By David K. Maxfield, INdXer

	<u>Month</u>	<u>Page</u>
<b>ABBREVIATIONS</b>		
NASWA Abbreviations	May	56
<b>ACCESSORIES</b>		
Rebroadcasting Project for Remote Listening on a Portable Radio (Shaw)	Feb	10
Tanberg 1521, reel tape recorder, A Modern Dinosaur (Berg)	Sept	5
<b>ANTENNAS</b>		
Construct an Active Loop Antenna, (Shaw)	May 14, June 9,	14
Helical Vertical Antenna with Collapsible Whip, (Agner)	May	55
The Inverted-Y Dipole Antenna (Bolland)	July	6
More on Loop Antennas (Jim Herkimer)	Dec	4
<b>COMPUTERS</b>		
English Language Programs to North America: A Computer Program (Cole)	Oct	11
The Home Computer as a Tool for the DXer (Krause)	May	5
Procedural vs. Declarative Computing: What Me Worry? (Campbell)	Nov	12
RF Interference and the Home Computer (Krause)	Dec	11
<b>DXING/SWLING</b>		
Contact (Robins)	Aug	11
Daytime DX (Sizer)	July	4
The DX Coefficient Ego Reducing Formula (Robertson)	Aug	14
The Exalted Carrier (Shaw)	Apr	13
Good Listening in Abha, Saudi Arabia (Wood)	July	9
He Just Sits There and Listens (Sizer)	Mar	7
List Logging (Kapinos)	May	9
Feedback	June	7
On To the Top: A FRENDX Classic (Jensen)	Dec (1982) 2, Jan 2, Feb 2, Mar 4, Apr 6, May	7
Publicizing Shortwave Radio (Poppin)	Sept	13
Riding the Magnetic Storm (Sizer)	Aug	4
60 Years in the Hobby, (C. Oliver)	Oct	5
The State of the Art (Moritz)	Feb	5
A Twist of the Dial Can Transport You to Foreign Lands (Alcorn)	Aug	6
<b>DX/SWL CLUBS</b>		
How FRENDX Got Its Name, (Jensen)	Jan	3
On Helping Out (Moritz)	Mar	6
Feedback	Apr 14, May	9
Radio Nuevo Mundo, Tokyo, Japan (John Herkimer)	May	5
Report on the 1983 AMARC Convention (Klein)	Sept	15
<b>ENGLISH LANGUAGE BROADCASTS TO NORTH AMERICA (Legge)</b>		
May - August, 1983	June	11
November 1983 - February 1984	Dec	14
<b>HUMOR</b>		
The Charlie Loudenboomer Report	Apr 9, July 8, Aug 7, Sept	8
The Great 60 Meter Band Fire of 1971 (Shaw)	Aug	8
Loudenboomer Not Found in Tibet, (Peterson)	Oct	10
More on the Great 60 Meter Band Fire (Rankin)	Oct	9
<b>INDEX TO SHORTWAVE CENTER 1982 (Maxfield)</b>		
	Jan	12
<b>INTERFERENCE</b>		
Interference from TV Receivers (Shaw)	Mar	10
Noise-Reducing Expedients, (Jim Herkimer)	Aug	12
RF Interference and the Home Computer (Krause)	Dec	11
<b>INTERVIEWS</b>		
Dan Ferguson (John Herkimer)	Mar	2
<b>NEWS</b>		
Gatekeepers and Grenada: Alternatives & Restrictions in News Flow (Pappas)	Dec	13
<b>PORTRAITS</b>		
Dan Robinson	Feb Fr Cvr	
Mac Leonhardt	Apr	36
Roger Legge	Nov Fr Cvr	

	Month	Page
<b>RADIO ELECTRONICS</b>		
Filtering Circuits (Taylor)	Apr 12, May	11
Rectifiers (Taylor)	Apr	10
Understanding Power Supplies (Taylor)	Mar 11, Apr 10, May	11
Voltage Dividers (Taylor)	May	12
<b>RECEIVER MODIFICATIONS</b>		
How to Use Your Receiver as an Auxiliary Amplifier (Shaw)	Jan	11
A Look at Sherwood Engineering (Jim Herkimer)	Apr	8
SONY ICF-6500W Selectivity Modification (Thomas)	Oct	6
<b>RECEIVERS, CONTEMPORARY</b>		
Merry Christmas, Al (Siser)	Dec	6
Electra-Bearcat DX-1000 (Jim Herkimer)	Oct	8
ICOM IC-R70 Review (Pinto)	Jan	6
ICOM IC-R70 Review, (Shaw)	May	13
Kenwood R-2000 (Shaw)	Feb	9
Radio Shack DX-400 (Jim Herkimer)	Sept	11
<b>RECEIVERS, VINTAGE</b>		
The Antique Wireless Association (Taylor)	Aug	10
National Company Receiver List, (Taylor)	Jan	4
Random Ramblings (Taylor)	Feb	7
The Walnut Wonders (Taylor)	July	12
<b>SAFETY TIPS</b>		
Rare DX Doesn't Have to be a Shock (Hinkley)	Nov	10
<b>STATIONS</b>		
Brazil (Siser)	Oct	2
Christian Radio Voices (Field)	Dec	7
DXing Indonesia: A Primer (Cosier)	Aug	2
DXing the Indonesian Radio Countries (Sparks)	Nov	2
Emisora Armonias del Caqueta Florencia, Colombia (Field)	Aug	5
Emisoras Gran Colombia, (John Herkimer)	Feb	3
HRVC Celebrates 22nd Anniversary (Field)	Apr	7
HRXK, La Voz de la Mosquitia, Honduras, (Moritz)	July	5
KGEL "Polar Beam" On the Air (Field)	July	11
Radio Baha'i del Ecuador (Plum)	Oct	4
Swaziland Commercial Radio (Howard)	June	4
Voice of America: Rock and Roll With Uncle Sam (Connelly)	Sept	9
<b>STATIONS, CLANDESTINE</b>		
"La Contra" (Reinstein)	Apr	4
Revolucion O Muerte, Venceremos! (Reinstein)	June	5
Tugo O Estrella (Reinstein)	Oct	1
<b>STATIONS, PIRATE</b>		
Exotic-Country Piracy in the British Isles (Campbell)	Sept	3
<b>VERIFICATION</b>		
FRENDEX Latin American QSL Survey, Jan 1976-Dec. 1982 (Klein)	Feb	11
Hints on Reporting to Arab Stations (Wood)	June	3
How to Write a Reception Report (Radio Japan)	Oct	52
The Mystique of the QSL (Siser)	Apr 2, May 3, June	1
Verifying the Chinese Regional Stations (Berg)	Dec	1



Good news from Perry Ferrell at GILFER:

The 1984 World Radio-TV Handbook and Gerry Dexter's "QSL Address Book" are due to be released shortly. Any DXer worth his salt will want both. Gerry's book is the single best reference for the DXer who wants those veries, and he's managed to compile another dead-accurate edition. And who knows more about veries than Gerry Dexter? Write to: Gilfer, P.O. Box 239, 52 Park Ave., Park Ridge, NJ 07656. (JH)





CONTACT (cont'd)

//The next few days brought news on SW, but all in all the coverage was the worst of any news event in all of my thirteen years! Sometimes the news reports were funny. The difference between the VoA and Radio Moscow was hilarious. But really got me mad was a hate-filled song on RBI called 'Yankee Go Home,' which I swore if I ever saw the creep who wrote I'd put him in the Hudson River! I don't think it's right of them to say that in a broadcast to North America, but in communist radio there is no wrong. The communists had a feast of propaganda about the invasion. The Russians thought they knew everything about it, but of course they didn't know what they were talking about.//

My thanks to Josh for taking the time to write. Perhaps the topic for next month will entice more of you to do the same. It is:

//The Pirate Problem.// Is it even a problem? Do pirates and other extra-legal broadcasters have a place in the bands? If so, why; if not, why not? Does the hobby press give pirates too much attention? If it didn't, would they go away? Your answers to these questions will appear in this space next month.

Please do not delay in submitting your contributions. There isn't much time between the time you get the bulletin with the suggested topic and my deadline. Also, your letters do not have to deal with the topic I suggest. As a matter of fact, I'd prefer it if you would write the column yourself with your opinions and interests.

The address for CONTACT, as always: Andy Robins, 2850 Cleveland, Apt. 318, St. Joseph, Michigan 49085. 73's!

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VERIFYING CHINESE REGIONAL STATIONS: A "P.S." by Jerry Berg

After the December 1983 FRENEX went to press, I was pleased and surprised to receive a verification direct from the Fujian Front Station (People's Liberation Army). The station filled in a Chinese-language prepared card which I had sent them (a copy of the usual PBS QSL-card), and also sent along a mimeographed letter in Chinese which I have not yet translated. This came by registered airmail after four follow-ups and a 37 month wait. The return address on the envelope was just Fujian Front Broadcasting Station, Fuzhou, Fujian Province, People's Republic of China. In going back over some old material I have also found that the Fujian Front Station verified for an Australian DXer some five years ago. So definitely list it among the possibles.

A P.P.S.: The second sentence of the last paragraph of the December article should have read "those of us who know little about China" rather than "a little". Count me in the first category.

(Ed's note: Well, I can't imagine you knowing "little" about anything, Jerry, but the typo was mine. Apologies, and thanks for the follow-up!)

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IN THE MAIL...Computer related articles seem to be generating the most mail here. Bob Gunderson, who supplied the follow-up article on computer RF interference in this issue, writes, "With computers invading just about every aspect of life these days it is becoming more important than ever for all of us to know how to use them. What better way than to put them to practical use making our hobby more enjoyable and easier to enjoy." Joe Polchlopek offers, "I'd be very happy to see a monthly column in FRENEX, particularly one with software listings as Bill Cole's (cf. October 1983 SWC) I'm sure there are lots of other members of NASWA who have computers and who are willing and able to write DX type programs, or those like myself with no programming experience but who are willing to learn and benefit from those who do." Any other comments? (JH)



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

Larry Cunningham of Columbus, Ohio opens the column this month with some additional information on Universal Amateur Radio's "UBIX Bulletin Board Service."

More and more today, shortwave listeners are finding new and creative ways to use personal computers in the DXing hobby. About three years ago, I bought an Apple II computer. Soon after this, I learned the BASIC language, and wrote several programs which help me keep records of what I have heard, and WHAT I WOULD LIKE TO HEAR, on shortwave. Keeping these sorts of records on a computer is 1000% more efficient and time-saving than my older methods involving 3 x 5 cards and hand-written notebooks. I also have programs that perform shortwave oriented calculations for me, such as sunrise/sunset times, beam headings, and MUF determinations. In addition, I have a program that compiles my monthly loggings and prints them in the various clubs' reporting formats for submission to club logging sections.

In early October, I added a goody to my computer system which has opened up a whole new world for me. That item is a modem, a device that allows a computer to communicate over a telephone line. With a computer and a modem, your computer can "talk" to other computers. At about the same time as I bought my modem, Universal Amateur Radio of Reynoldsburg, Ohio set up what is known as a computer bulletin board system, or BBS. In general, BBSs are on-line information systems which can be contacted using a computer and a modem. Universal's BBS, which is called UBIX (Universal Bulletin Board and Information Exchange) is dedicated solely to the exchange of radio related information by communications enthusiasts.

The folks at Universal use their computer (a Radio Shack model) during the day for business purposes, but in the evenings (from 8:30 pm to 9:00 am Eastern Time) they turn it over to radio hobbyists. During these hours, anyone with a computer and a modem can call into the UBIX. The system has a variety of features for SWLs. Probably the most exciting section of the system for me is "SWL Tips." SWL Tips are loggings left on the system by UBIX users. It works just like a shortwave bulletin, except that there is no publication delay! People can leave tips on the system, or just read other people's loggings. The loggings appear sequentially from lowest to highest frequency, much like the FRENCH Log Report Sections. Each time you use this section, you have two methods you can use. You can read all of the loggings currently in the file, or read only the "new" loggings. Let's say you read all of the tips on Monday and then call back on Friday. On Friday, you can elect to read all of the tips again, OR just the "new" tips (tips left since Monday!) This can be a real time saver. The big advantage of all this is simple: instead of getting DX tips that are weeks or months old, you can read loggings only a few hours or days old!

Another exciting feature is the electronic mail, or "E-MAIL" section. Using E-MAIL, you can exchange information and messages with others who use the system. I have already made several new friends in the radio hobby using this E-MAIL facility. You can get a list of people who have become users of UBIX (and who you can send E-MAIL to) by using the USER LIST facility. In addition, each user can enter a short "biography" for himself or herself which serves as an introduction to other users of the system. Other sections of UBIX include NEWS and NOTES, SALE ITEMS (at Universal), and MESSAGES TO UNIVERSAL.

I have found the system a lot of fun to use, and a valuable way to exchange reports. I hope that more computer-equipped DXers will get on the system, since the more users there are, the more valuable the system becomes. There is NO Charge for using UBIX, and Universal will send you a free users's manual for a SASE. Their address is: Universal Amateur Radio, 1280 Aida Drive, Reynoldsburg, Ohio 43068.

---

Eric Falkenham, WA3TAD, of Baltimore, Maryland, says owners of the new wonder receivers (Kenwood R-2000 and Icom R-70) beware! These receivers have very sensitive front ends. The front ends (usually FETs or MOSFET transistors) can easily be damaged by

nearly transmitters. (ham rigs, CB's, and Business radio's). They can even be damaged by static discharge. I recently fried the front end of my Kenwood R-2000 by operating my ham transmitter in close proximity to my receiver. The R-2000 was turned off and the antenna was disconnected, but there was still enough induced RF to burn out the front end. The transmitter was running about 100 watts output. Some ideas on protecting your receiver would be:

1. Ground your antenna terminals on your receiver when not in use.
2. Follow the instructions in your manual about muting your receiver.
3. Keep transmitter leads and antenna tuner/cables away from your receiver.
4. Make sure that all equipment is well grounded to earth ground.

Please learn from my mistakes! 73, Eric Falkenhan WA3TAD

---

A press release has been received from Fred Osterman at Universal Amateur Radio, Inc., describing the new POCOM PFC-100 sophisticated control unit for the NRD-215 and Icom R-70 receivers. This equipment, made in Switzerland, provides storage of 100 frequencies along with: mode, AGC setting, bandwidth, and the name of the station. In addition, a realtime calendar/clock is provided, plus LCD alpha-numeric display, versatile timer functions, 6 switched outputs for control of peripheral equipment, and self-diagnostic test, with one-year warranty.

There are seven operational modes: (1) direct mode- direct keypad entry, (2) Search mode- user defined search parameters and rate of search, i.e., direct frequency input in MHz or kHz via the keyboard plus automatic scanning with a chosen rest-time; programmable frequency increment- selected frequency range. (3) Memory mode- direct access to memories or scan all or selected memories, with programmable rest time. (4) Wobbler mode-automatic scan around a defined frequency. (5) Offset mode-for use with VHF/UHF converters. (6) Input mode-loads all of the operational settings of the receiver into the PFC-100, for further processing in the direct/search and memory modes. (7) standby mode-restores control to the receiver.

Fred promises more information when this unit becomes available at Universal.

**Universal  
amateur  
radio inc**



1280 AIDA DRIVE  
REYNOLDSBURG, OHIO  
(Columbus) 43068  
614-866-4267



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Checking the ads in the January Popular Communications shows a number of companies offering the Sony 6500W for under \$ 100. In addition, the various ham radio magazines are carrying ads by companies carrying the new Bearcat DX-1000 receiver. Who will be the first

to contribute a hands-on review of this new receiver? We could also use reviews of the Sony 2002 receiver. There are also several amateur radio transceivers on the market that include general-coverage receiver sections, how do these stack up performance-wise against the top-of-the-line general coverage receivers?

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At the conclusion of last month's column (describing a phased loop/longwire system), the limitations of using a single inductor for the variable wave-trap were mentioned. An alternative suggested was to use a switchable inductance scheme, to provide a wide range of inductances for various random wire lengths. A rotary switch with fixed inductances of 22, 10, and 4.7 uH in place of the single, slug-tuned coil will provide sufficient range for virtually all antenna lengths. An additional toggle switch used to disable the loop antenna input will also allow the variable wave-trap to be used as an antenna tuner for the random wire. One side of each of the inductors should be grounded, as well as the rotor side of the variable capacitor.

Best wishes to all in 1984.

73, Jim



# Pappas on Programming

Editor: Nick Pappas  
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One of the things most neglected in the pages of FRENDX throughout the years has been a frank discussion of what is actually being transmitted by those stations broadcasting within the shortwave spectrum. While great care is taken in reporting times and frequencies, QSL data, etc., we have thrown to the wayside that which probably attracted us to the shortwave hobby in the first place: the programs themselves. In response to the requests of many of our readers, the management of FRENDX has decided to offer a column devoted strictly to the subject of programming on shortwave radio.

An obvious question to arise following the decision to run this column was "How do you want to set it up?" Bill Oliver has essentially left the decision to me, and because I view SW programming as being multi-dimensional, I plan on discussing it on various planes. In the coming months, look for articles devoted to overviews of station formats, topical studies, individual station programming profiles, straight program reviews, special programming events, and many other topics. I do not want this column to be a program schedule, but rather a vehicle for discussion of what is, what was, and what may be heard in the future on shortwave.

The decision to run last month's column "Gatekeepers and Grenada ...." in lieu of this introduction was a reflection of the urgency and importance of the subject matter. It is my intention to maintain flexibility in the presentation of topics which are at the forefront of the ever-changing shortwave world.

Because of the danger of total subjectivity on my part in deciding "what is good" on the radio, I am asking for your input. Comments, suggestions, and criticisms are welcome here. After all, I'm certain my preferences differ from many of yours, and I plan on printing many of the comments I receive in the interest of objectivity and thoroughness. Your responses are important, so please don't hesitate to write. Please mark the envelope of your letter with "Pappas on Programming" to differentiate it from the Log Reports I receive.

I'm looking forward to doing this column, and I hope you find it to be refreshing, informative, and stimulating. But remember, it can only work with your help, so please let me know what you think.

Bill Krause's article in the December FRENEX covered most of the necessary ground to give a computer owner the necessary information to cope with his computer's RFI generation. There are a few additional points that should, however, be covered.

There is one additional source of interference from the computer - the "CPU" or central processing unit. This is the heart of the computer - the integrated circuit that actually does the computing. These are controlled by an internal clock to run at a set speed which is usually in the range of 1-4 MHz. It takes little imagination to see what havoc an electric switch operating at that frequency can cause! This is why shielding the computer itself is so important.

Depending on the type of computer that you have, however, this may prove to be an exercise in futility. There are two "classes" of computer equipment as rated by the friendly folks at the FCC. These two types, "A" and "B", are essentially "business" and "home" computer equipment. The radiation standards for the type "B" or "home" units are much more stringent. Type "A" equipment generates so much interference that if you have one of these units you may as well resign yourself to not being able to use the computer at the same time as your radio. A major problem can occur when peripherals (accessories in plain English) are added to your computer. Not all hardware that is designed to be used with a class "B" home computer is rated the same - some carry the less stringent class "A" rating!

Bill's suggestion of wrapping your computer in foil is a very good one but you should also carefully ground it for the shielding to be most effective. And, if your computer uses an external RF modulator, be sure to wrap this in grounded foil as well. Commodore's VIC-20 has a modulator that is notoriously "dirty".

One last thing that can be done to help keep RF interference to its lowest possible level is to plug your radio into a surge protector that also filters out RFI. This will give you the dual benefit of protecting your valuable gear from voltage spikes that, even if they do not blow out a delicate IC will shorten your unit's life considerably, while at the same time keeping any RF hash on the power line from reaching your receiver - no matter what the source of the interference may have been.

I hope that this information, along with that supplied by Bill, will make it easier for you to live with your computers minus the multitudes of problems that they can cause for radio listeners.

Robert P. Gundersen  
315 Cherry St.  
Northfield, MN 55057

## The Taming of the South

by Mark Warner, GPO Box 313 B, Melbourne, Victoria 3001, Australia

There I was, ace private-eye D.X. Marlowe, in the office sorting through some files when the mailman arrived. All he had was bills, accounts due, accounts overdue and my November FRENEX. I'd subscribed to the mag for around 3 years. In fact, subscribed to since that fateful day back in mid-'80, when a secret ANARC sub-committee had assigned me what was to become a major milestone--The Loudenboomer Case.

It had all seemed so simple at the time. All I had to do was find out who this Charlie Loudenboomer really was and give these ANARC guys the word. But 3 years later, I was no nearer the truth and the trail had turned cold. I flicked through the latest FRENEX to check if CL had mailed in another clue from his hideout (codenamed Nibi-Nibi), but there was nothing doing...

Later that day while chewing over a tacky divorce case, I flicked through the FRENEX again to take in a little light reading. I came across this piece of computers by Prof. Ladislav "Bruce" Cramble. Now, while all the other private detectives in the city were heavily into these computer things, I preferred the tried and tested--a dumb broad in the front office and a stack of file cards. (It was the method that was tried and tested, not the broad--I would have tried, but she didn't trust me). However, this guy Cramble made it all sound so easy, and as he said, "When it comes down to it, these computer methods can solve just about any DX problem". Perhaps he was right. Maybe this is what I needed for The Loudenboomer Case. I checked out of the office and headed for the local Tandy store...

The guy in the store knew where I was coming from when I fired off the magic words, "Give me the one that can handle Prolog". So, 600 bucks and 2 hours later, I had it set up on the desk--my brand new Commovic-II-

Following Cramble's advice in FRENEX, I gave it a try:

grandfather (x,y) :- father (x,z) Father (z,y).

Yep, that seemed to zip through nicely and after a little practice I'd discovered some interesting facts about my ancestors...but it was time for more serious matters.

Through the night I fed into the terminal the facts I had about Charlie Loudenboomer--from his cryptic notes to his latest outcry at being impersonated (it's hard enough tracking one CL without bum steers like that). It was all typed in...

About 4 AM things started to go wrong. Cramble had suggested running the program backwards and sideways to get results, but it seemed I had some data missing. I rechecked FRENEX back issues and, yes, there it was! While holed up in Botswana in search of a QSL, Loudenboomer had made a reference to a lost uncle. I tapped the keys and added the data...

Dawn broke, and as the city stirred and local DXers called it a night, I had come up with results. It had puzzled me at first, but the same solution had appeared whichever way I had run this Prolog program. I'd even gone back to check with Cramble's examples, but the result remained. All I had to do was finish typing my report and the secret ANARC sub-committee would have their answer...but I was worried. I felt like the computer "Deep Thought" on the BBC radio series, "Hitch Hiker's Guide to the Galaxy", who, when he'd come up with the answer to Life, Universe and Everything, had said, "I have the answer, but I don't think you're going to like it." The fact is that according to Cramble's Prolog theories and my Commovic-II- :

Charlie Loudenboomer is his own father.

The case is closed.



THE RIGHT STUFF...Bon voyage and warm wishes to my friend, Ralph W. "Ralphus" Perry, and family who depart for Kuala Lumpur, Malaysia in the coming weeks. We'll miss you, RWP! (JH)

THE WRONG STUFF...If you enjoyed last month's article, "Merry Christmas, Al", you're probably wondering who wrote it. Yes, I forgot the byline, but c'mon--the style was unmistakable, right? Who else, but Al Sizer? Sorry, Si. Forgive? (JH)

As we begin 1984, let's make a commitment--all of us--to contribute to FRENEX and show the kind of support that NASWA deserves. And, thank you, for the support you've shown me during my first year as SWC editor. It's appreciated!

*Al Sizer*





JANUARY 1984

# Listeners Notebook

GLENN HAUSER, Box 6287, Knoxville, TN 37914

## PROPER CREDIT

Other publications and broadcasters may use material from LN provided due credit is rendered to the original reporter and the NASWA Listeners Notebook. This courtesy does not extend to closed organizations which do not allow reciprocal access to their publication. BBC Monitoring Service items (designated WBI for World Broadcasting Information) are copyright and may not be reproduced without BBCMS permission. The most important items have been broadcast immediately on WRNO WORLD OF RADIO or RCI SWL DIGEST, not otherwise mentioned herein. All contributions to LN are gratefully received, but your editor cannot promise a personal reply because of severe time constraints. Material for LN should be marked as such each time (not just on the envelope), as input for other gh outlets also comes to Box 6287. Reports to gh should not be cut into little strips. It also helps if you use one side of paper only, and do not mix LN items with other correspondence. All times, dates and days are day/month GMT, u.o.s. Please do not ask me for advice on receivers or other equipment. Thanks (gh)

ANGOLA 15/12 was the most phenomenal Angolan propagation in 5 years of DXing. Benguela was on 5044 at t/in 2145, but het from Pará on 5045; Brazil died and Benguela surged to S9+; monitored to 2205; ID as R. Nacional + location like all of them. Checked other fqs in WRTH and found 4896 Bié as strong, lotta chat-chat like Benguela, many IDs on both, heard to 2215. 4970, Em. Reg. de Cabinda, has been regular for a month depending on ute, and was also in this day; unlike other Angolans, has French in it (next to Zaire); ex-5033 of last year. Stn on 5013.5 is definitely Angolan, not Luanda, but can't get ID-- R. Nacional da ---. Hrd Huíla, Moçâmedes mentioned; soccer? Still on at 2320. Berg in Dec FRENDX says ex-Provincia de Namibe, ex-Moçâmedes; also hrd a week before at \*0500. 7190 Lobito hrd in past, missing now; 7160 Huambo--if there, buried by Euro; 3970 Huíla buried by RFE/RL, also at 0400; 5192 Moxico absent (Maxfield Greenwood, Sedgwick ME)

ARGENTINA RAE and 11/1 that EG is on 15345 11710 6060 at 1930 & 2200 daily exc. Sun., plus 0100, 0400, 1100, 1200 following morns (WBI 17/11) But EG sometimes at 0130 (gh)

AUSTRALIA R. Australia SSB 12290 sked; EG 0500-0900, 1530-2100. Indonesian 2100-2300 & 2300-0100 & 0900-1400 (WBI 17/11)

BANGLADESH R Bangladesh and it'd xmt Bengali svc (presumably domestic) to WEu at 0730-1900 28/11, 30/11, 2/12, 4/12 on 15270; also tests 0430-1600 1/12, 3/12, 4/12 on 21650 (WBI 1/12) Hrd testing 15270 2/12 & 4/12, both to 0900\* w/amnt in EG of 'special' xmsn from Overseas Svc of R Bangladesh (WBI 8/12)

BELGIUM BRT on 9925 at 0100 6/12 in EG, 0110\*(Chuck Oliver, Spring TX) Ex-9880 to avoid Beijing, both to SAM; BRT // 5910 NAM (gh)

BOLIVIA R. Vilóco, 3340, is active, hrd 14/11 2338-0100+, not bad signal, EZL to 0003 flute theme, M w/loud ID & 3340 fq, then unintelligible chat. "R. Santa Cruz", on new 4682 F-G sig 14/11 0007+, "Los éxitos de los éxitos en Discolandia" pgm, seems Bolivian, but SC is also a Peruvian town; gone by 0130. R. Nacional Huanuni, 5965, 15/11 0935 w/SP talk, many "RN" IDs, but no ments of Huanuni; sig messed up w/Braz QRM. R Cuarto Centenario, 5030, 19/11 & 22/11, 0015+ w/folkloric instls, M w/ID; "costumbre habitual de todos los viernes", the pgm that is! Decent signal, esp. 22/11; Los Andes never hrd pms. R. Dos de Febrero, 5505 new fq, Rurrenabaque, Bení, strange to hear on this fq 21/11 2340, mix of ballads (as on other Bení stns, esp. 4696) and a regional LAm pop, TCs "en los estudios de R.

2 de Febrero." Started off as good signal, useless after 0100 (Richard Stoller, Bogotá DE)

BRAZIL 16/12 observations: 4965 is the hottest Braz fq, Uberaba definitely reactivated, L&C at 0845 to 0915 fade; earlier, R. Poti, Natal \*0745-0805, f/out 0820-0840. Then Uberaba stn takes over 4965, frenetic; never there before, popped up this week. Alvorada \*0945-0950. Maranhão 4750 has vanished, but R. Educação Rural is still very good on 4755. On 4945 at \*0750 not Porto Velho or Poços de Caldas, but Em. Rural São Francisco, Petrolina; at 0759-0801 has many "Bom dia"s with music; at \*0805 another stn, not HJ, comes on. Tentative on 3569 at \*1000-1015 fade, R. Treze de Junho, Brasília, ID per Juan Carlos Codina. On 4795, R. Dif. Aquidauana on good days from 0830 or earlier to 0915. Not hearing other 4795--Tabajara/Parnaíba. Maybe something else before 0830. (Maxfield Greenwood, Sedgwick ME)

R. Dif. do Maranhão noted on 4750 w/VG sigs 0228-0349 19/11 w/ZY & EG pops; full IDs (canned) 0118 & 0301, which included geographical coordinates of São Luiz (John Wilkins, CO)

New stn R. Nacional de Maranhão /you mean Manaus, entirely different place -gh/, 0945 3/12 on 4845 coming in rather well with upbeat mx, frequent IDs as "R Nacional de Maranhão, onda tropical. . ." then giving fq and power, closing ID w/short dramatic pause, then "Radio-Bras" when tried next morning was suffering from bad bet. R. Cultural hrd regularly on 5412 for about two weeks after first noted 14/10, has seemed to totally disappear. Not noted at frequent checks for at least a month. Listening to several taped aircuts, lang is definitely PT, and ID is definitely Cultural and not Cultura. Latest hrd was 0815, which corresponded w/sunrise at that time in very eastern Brazil. Only one stn is listed under Brazil in WRTH as Cultural, being in Senhor do Bonfim, which has late Oct sunrise of just about 0815. Pyming was about 75% US adult contemporary, and about 25% light LAm mx. Every hour would be marked with a short musical bridge, surrounding "Radio Cultural, Notícias" after which a woman would read about 3 minutes of nx and then back into Kenny Rogers & Barbara Streisand (Brian Cartwright, PA) I wonder if it's a 4th harmonic; or are you certain it's Brazil rather than, Cape Verde?

R. Dif. Maranhão, São Luiz on 4750 ex-4755 17/11 & 19/11 0330-0400, live soccer, IDs (Cotroneo, Monferini, Zella, Lawendel, Cacciamatta, Play-DX, Italy) R. Nacional Boa Vista 4875 ex-4835, 17/11 & 18/11 2305-0343 (Monferini et al., Italy, Play-DX) R. Anhanguera, 4915, early \*0630-0800, very good 17/11 & 18/11 (Gordon Bennett, UKOGBANI, Play-DX) R. Nacional de Manaus, 4845, 11/11, 12/11, 16/11, 17/11, 20/11, 24/11 0015-0745, 50 kW, IDs, G-VG (Gropazzi, Cacciamatta, Bennett, Dondi, Monferini, Pavanello, Play-DX, Italy) + ML

BURMA Minority svc noted on 4726, not 4725, peaking 1200-1220 both here and in PA (Maxfield Greenwood, Sedgwick ME)

CANADA RCI hrd on 6280 at 0320 29/11, M&W talking until 0329 s/off in EG w/O Canada, into unfamiliar lang. VOA on 6280 at 0322 6/12, not //6300 (Chuck Oliver, Spring TX) Suspect latter is RCI too. As pointed out before, this is mixing product at Sackville, RCI 5960 + BBC 6120. The BBC shows 6010 in Dec London Calling they apparently decided to stay on 6120--with Moscow/Cuba 6115 QRM, and Zinica-6121 QRM, etc. RCI NAM mbg 18/12 seems to predict that the Caribbean svc would be half an hour later from 1/1, i.e. EG 0000; this may also entail frq change. World At Six would precede it, and Half of As It Happens would follow (gh)

CHAD Moundou on new 5298 5/12, checked for the first time since mid-Oct; at its s/on it was missing from 5289½, so scanned quickly and got it at 422+33- on 5298 w/the simplistic, but distinctive 3 low words, phonetically ee-ah Mon-dou. Then "Ici. . ." etc., into hilife mx, fading at 0510; overall 2 at 0525 f/out. But this is a much! better fq than 5289½ (Maxfield Greenwood, Sedgwick ME) Later Mitch Sams measured it on 5304, so it keeps ascending (gh) Re Max's comments on Moundou sunrise in Nov & Dec, he is both right on one thing and wrong on another--I constructed a graph of SR times for Moundou for the entire year from tables published by IRCA. SR does peak at 0448 on 18/8, but then slides back to 0443 5/10. Max is right on this, but this is a minor secondary peak. The time then rockets forward from 0443 on 5/10 to a max of 0517 on 26/1, before dropping back to 0435 on 27/5. Giving a 15-minute grace period on propagation, the window on Moundou shouldn't be closed until early to mid April, and we should have a good half hour (if you call that good) of listening time all thru Jan & Feb (Brian Cartwright, PA) Brian encloses a graph showing this 'double peak' rather than a smooth curve; this would be true of other places around 9° latitude. Due to elliptical orbit of Earth? (gh)

CHINA Recent survey of bcs for natl minorities from CPBS Peking shows: 0030-0125 Uighur 11365 8566 7050 4735 3990. 0100[sic--rest are 55 mins so really 0130?]-0225 Kazakh 11375 8566 5440 4970. 0400-0455 Korean 9920 8566. 0500-0555 Mongolian 9920 6974 6430 4010. 1000-1055 Korean 5145 4190. 1100-1155 Tibetan 11675 8566 7110 5995 4035. 1200-1255 Mongolian 7035 4190. 1300-1355 Uighur 8566 7035 5800 4735 3990. 1400-1455 Kazakh 8566 7035 5440 4970. 2130-2225 Korean 5145 4190. 2230-2325 Mongolian 6080 5145 4190. 2330-2425 Tibetan 9900 8566 (WBI 8/12) Interesting that scheduling indicates pgms come from one studio/control, but no two of them are on exactly the same set of freqs (gh) R Beijing, in Esperanto: 1100-1130 Japan & Korea 9880 7315 6825. 1300-1330 SEAs 17745 15165 4130. 2000-2030 Eu 9965 9365 7470 6825. 2230-2300 Lam on 11685 11650 11515 9860 (WBI 15/12)

COLOMBIA La Voz del Cauca yá hrd on 10450, 2 x 5225, good sig 2200+ daily, maybe better bet in NAM. very loud unID HJ on 6201v, sometimes straight 1900-2400+ RC mass, sermons, etc. No ID (Richard Stoller, Bogotá DE, Colombia) La Voz del Llano on 6117, 2240 6/12, native mx, G sig (Chuck Oliver, Spring TX)

CUBA unID 1059 4/12, M&W talking back and forth in Russian on 3600, tho poor sig; subsequently tuned to 4200 and hrd the same pair w//pgm, but good sig. 1117 bid "Do Svedanya" to each other, then a closing piece of mx. CH regionals were just starting to come in; figure it could be one of them or a Siberian site. Couldn't find anything listed on either fq (Brian Cartwright, PA) I put it under Cuba, because I'm sure you were listening to R. Rebelde harmonics--the fact that both share a common possible fundamental, 600 kHz should be a tip-off. And of course, Rebelde does carry Russian lessons (for Spanish speakers), also in the evenings. These particular harmonics have been heard to rather high orders, at least 9th, even higher in Florida (gh)

R Habana spurs from 6090 noted all over 49m in late Nov: 6009 6049 6131 6171 & others, some of them stronger than 6090, evenings in EG (Ernie Behr, Ont) Add to those 6145, 6190, 6215 (gh) RHC on 7425, 7385, 7485, all in // Spanish mx 0445 16/12 (Chuck Oliver, Spring TX) RHC on 6220 at 0300 12/11; and freq as 6090 where also hrd. EG nx 0440 //6287; 0535 gone (Chuck Oliver) Cuba hrd on 19370 and 19460 at 0005 in SP (Brian Jones, RA Japanese DX Time 11/12) 2nd harmonics of 9685, 9730 (gh)

On 23/11, Cuban TV interviewed a radio engr of MinCom. Said RHC bc average 132 hr a day in 8 langs; 85% dedicated to Am continent. EG, FR, SP to NAM 20h per day; Spanish & Creole to CAM/Carib 33hpd. SP/PT/EG/QC/GN to SAM. SP/FR/PT/AR to Mediterranean & NAF 12hpd. Said MinCom making investments in order to increase R Havana's power, so that it would be able to cover more areas thruout the world (WBI 1/12) Yippee

CYPRUSES Since 15/11, R Bayrak, Turkish Cypriot stn, ancs in TK "This is R. Bayrak of the North Cyprus Turkish Republic" (Burasi Kuzey Kibris Turk Cumhuriyeti Bayrak Radyosu). In EG & GK, calls self "R. Bayrak, the voice of the Turkish Republic of Northern Cyprus". (WBI 17/11) CBC ES in GK for UKOGBANI, 2215-2245 Fri/Sat/Sun, hrd on 7130 9635 (WBI 15/12)

CZECHOSLOVAKIA [despite the fact that there is no such country as NORPRAGUEWAY] Monitoring survey of R Prague ES shows two new bcs in early morn for Eu: 0530-0545 EG to British Isles, 0545-0600 SP to Spain, both on 11990 9505 6055; says also to BI 1030, 1900, 2000 on 7345 5930; 2130 6055 (WBI 17/11) EG to NAM 0100-0200 & 0300-0400 on 11990 9740 9630 9540 7345 5930 (WBI 15/12) What happened to the two extra freqs? (gh)

CHILE Have been trying to hear R Minería for 3 years, finally succeeded 20/12 0949 on 9750--het w/cARRIER, no audio 9750/51, then taped fine R Minería s/on, ID for Santiago, classical mx theme, 1000 straight Chilean nx, 1007 t/out. 21/12, audio came on at 1001 during nx the carrier on earlier.. Currently narrow window should get better if they stay there; list 5 kW, G signal, sounds like it. Nothing on 11960 (Maxfield Greenwood, Sedgwick ME)

R. Portales now hrd on reactivated 6020, +0900-0300+ weekly [daily?]. // 1180 kHz MW; not hrd on 9572 (Gabriel Iván Barrera, Buenos Aires, Argentina, 23/11)

DENMARK R Denmark ES in Danish: 1000-1052 SEu/Waf 17770. 1100-1150 Greenland/Pac-relay of DS P1 15165. 1200-1252 Au/FE 25850. 1300-1352 Af/Medit 25850. 1400-1452 NAM/Carib 15165. 1500-1552 SAs/Au 15165. 1600-1652 WNA 15165. 1730-1830 Grnld/Pac P1 15165. 1900-1952 ME/EAF 15165. 2000-2052 ENAm 15165. 2100-2120 Grnld/Pac DS P3 Mon-Fri 15165. 2100-2150 Eu/NAF Sat/Sun 15165. 2130-2150 Eu/NAF P3 Mon-Fri 15165. 2200-2252 SAM/Carib 15165. 2300-2352 FE/Japan 15165. 0000-0052 WNA 9745 (R Denmark via WBI 24/11) Aussies find late-nite bc on 11m ludicrous; 0000 unusual time for WNA --audible there? (gh)

ECUADOR R Rfo Amazonas, 4870, has QSLed for the first [known] time to Italy, after 700 days, no IRCs sent; also they sent stamps, v/s Marco Díaz D., Gerente (G. Mennella, Play-DX 21/11) The letter says stn has studios in 3 different cities and bcs in 3 langs--Spanish, Quechua, Shuar (gh) R. Splendit, 5026, ID, G sig \*1100-1120+, decent level. Het on 5025 may be Quillabamba (Maxfield Greenwood, Sedgwick ME, 23/12) [Cf Nov LN-29] did Richard Stoller hear an actual ID for R Amazonas on 3290? The xmtr was moved from Lago Agricola to Quero a couple of years ago & became R Panamericans on the same fq (Ernie Behr, Ont) Presumed HCJB on 11960 at 0450 6/12, Xmas mx, no amnts, pulled switch after time pips 0500; not a word (Chuck Oliver, Spring TX) more, LMI

FALKLAND ISLANDS A FIBS sked for Nov shows 0900-0330 daily exc Sundays \*1000. 2380 is used each day until 1115 and again from 2030; 3958 1115-2030 (WBI 17/11) I've seen a couple of reports confirming s/off around 0330 now on 2380; the morning switch-over time from 2380 to 3958 appears to vary (gh)

FRANCE RFI hrd on 7125 at 0420 16/12, EG nx to 0427, then FR nx. Does Conakry re-broadcast RFI? (Chuck Oliver, TX) I certainly doubt it. RFI supposed to be on 7135

GABON The announced test of SRI [Switzerland] via Gabon probably never took place; on 23/11 & 24/11 SRI on 11715 & 15305 was as weak as usual, from \*2255 w/IS & PT pgm, while ANO was still booming in on at least 2 fqs--4810 11940 9790, the latter RFI. ANO has only 4 xmtrs, one of them not traced, but possibly on 6140 relaying RFI (Ernie Behr, Ont) However, 11715 & 15305 had a satellite-delay compared to direct SRI fqs, so likely relayed from somewhere (gh) The relay stn referred to is presumably the one in Moyabi, Gabon (WBI 24/11)

GERMANY EAST Survey of RBI shows two new bcs for Caribbean in EG: 2315-2400 9620 9600 6070; 0300-0345 9620 9600 (WBI 17/11) EG to NAM: ENAm 0015-0100 & 0100-0145 on 9730 11975. 0230-0315 11975 9730. WNA 0330-0415 11890 11840 9560; 0630-0715 11890 9560 (WBI 15/12) I also find fair reception of SEAs 1330-1415 21540 21465 17880 15450 (gh)

GERMANY WEST DW EG sked w/sites: 0100-0150 NAM M11785 M9565 A9545 6145 M6100 6085 A=6040. 0200-0250 As/AuAs M11945 9690 7285 6035. 0430-0515 G&Eaf 9765 K9565 K7225 7150 6065. 0500-0550 NAM A11705 9690 A9545 6120 5960. 0600-0630 Waf 17875 15275 11905 11765 9700. 0930-1020 As & AuAs 21680 K21540 K17800 17780 13275 A9650. 1230-1315 Af 21600 K17800 17765 K15410. 1500-1550 G&Eaf 21600 15135 K11965 K9735. 1610-1650 As & AuAs M17825 15405 11785 9585 7110. 1930-2020 Waf 17705 15150 11785. 2100-2150 As & AuAs 9765 7130. K=Kigali, Rwanda; M=Cyclops, Malta; A=Antigua/Montserrat (WBI 17/11)

GHANA R Ghana undated sked rxd in Nov: ES EG Waf 6130 1600-2000 daily. GBC-1 = local langs 4915 0500-0900 & 1200-2300 (Sun & Holidays 0500-2300); 5990 1200-1600 (S & H 0900-1600). GBC-2 = English 3366 0500-0900 & 1600-2305; 7295 1200-1600 (S & H 0900-1600). Please address all reception reports to: The Propagation Engineer, GBC Monitoring, P O Box 1633, Accra, Ghana (via John Wilkins, CO)

GREENLAND After that Wow! reception on 11/11, when it was 44344- from 1047 to 1105, I didn't check for about a week, but over last 7 days I have, and there is no carrier, either in am or pm. Hope it is just bad propagation because it was showing signs it would be heard "on the grey" for several thousand miles (I'm 1500 miles away) (Maxfield Greenwood, Sedgwick ME, 5/12) Referring to 3999 kHz

GRENADA On the first day of US operations on Grenada, CBC-TV showed a Sony rx tuned to a new military stn being for Grenada; the ancd ID was "Radio 1580"; was this actually VOA Antigua or a local xmtr on Grenada? (Ernie Behr, Ont) At 2300 30/11, a nx bulletin thought to be from a xmtr in Grenada was monitored on 990 kHz. At 2359 1/12 this anmt hrd: "You are tuned to Spice Island Radio being on 990 kHz in the MW band". This was followed at 0000-0009 by a relay of the BBC WS nx (WBI 8/12) CANA recently reported that the state-run R Grenada was expected to resume bc'ing 9/12 using a 20 kW xmtr. Per a spokesman for the Advisory Council, stn was expected to bc shortly at 1000-0200 on 990 and 535 kHz. BCing House, at Mourné Rouge, and the 50[sic]-kW xmtr at Beauséjour, had been destroyed during the recent [American] invasion. Since then, the US Navy had operated "Spice Isle Radio" from a mobile xmtr at Point Salines. Monitoring observations 10/12 confirmed that R Grenada was being on 990, 2230 anmt: "You are listening to R Grenada, being on 535 & 990 kHz in the MWBCB" (WBI 15/12)

GUADELOUPE In a report on the situation in Guadeloupe, France Inter stated that the studios of R Caribbean International in Point-à-Pitre had been destroyed 13/11 (WBI

17/11) France-Inter reported 22/11 that investigations were continuing in Guadeloupe following recent events. A female presenter on the pro-independence stn R Unité had been charged and imprisoned following the discovery of evidence found in a booby-trapped car outside the Basse-Terre prefecture. 22/11, another pro-independence stn, R Tambour (Drum) was searched in Point-à-Pitre following a tip-off that there were weapons on the premises, but the investigators found nothing (WBI 1/12) FM Or AM, I suppose

GUATEMALA Supposedly long defunct La Voz de Atitlán seems to have returned to 2390. What sounded like La Voz de Atitlán IDs were hrd at 2332 & 2334 15/11; between 2345 & 2355 f/out a Spanish religious pgm was QRMing the regularly hrd Mexican R Huayacocotla, and presumably this same stn was again hrd thru Huayacocotla QRM from 2330 to 2355 f/out w/request and/or dedication pgm that seemed to mention Atitlán several times. On all three dates only the Mexican could be hrd after 2400 (SWNS, Ont) On a visit to sister stn La Voz de Nahualá, I learned that La Voz de Atitlán returned to the air on 2390 1/5/82, but only for two hours a day in mid-afternoon, when it can't be hrd in NAM, or even in Honduras. However, they might extend sked for several saints-day festivals of Lake Atitlán villages (Don Moore, Guatemala, Dec RIB)

Guatemalan on 3370, 0230 17/11, but can never get his ID (Chuck Oliver, Spring TX) Surely R Tezulutlán (gh) Try paralleling to 4835

GUINEA The Voice of the Revolution, Conakry, was hrd by Brian Alexander on 15310 w/ EG 1835--nx commentary, Af mx, pgm about history of Guinea; 1900 French (Brian Alexander, SPEEDXGRAM via RA JP DX Time 11/12) As usual, xmtr is unstable when checked w/ BFO; varied 15311/15310 in a few minutes' time when checked around 0705 13/12 (gh)

HAITI 4VEH first noted morning of 1/12 w/all-FR pgm, blaring in on 4930; 2/12 0000 had pgm of Spanish mx; presumed by Dave Valko and myself to probably be Haiti, then caught EG ID as 4VEH at 0100 3/12. Haven't hrd s/on, but in as early as 1030; s/off somewhere around 0200 (Brian Cartwright, PA) R. 4VEH hrd daily on new 4930 from \*0956 to 1230 f/out in FR & Creole; 0957 IS, NA, 0959 ID "Ici La Voix Évangélique d'Haiti"; and only 840 kHz & FM; then into religious pgms in FR; later, messages & birthday greetings in Creole around 1130 (John Wilkins, CO) unID on 4930 at 0245 16/12; G sig in FR, rel pgm w/FR spkr. 0255 rel mx, anmt at 0300, gave call in FR, which I didn't get, then pulled switch (Chuck Oliver, Spring TX) Seems awfully strong; how much power?

HONDURAS [Cf Dec IN unID on 4901] Yes, this was La Voz de Mosquitia, but not there any more. Haven't checked at Juventud s/off, but 0800 bandscan finds carrier on 4901, 20 mins later on 4900, 20 mins later 4901 again; audio below QRN level; Spanish; YL seems to say Radio Mosquitia. 0915 nothing there; later determined s/off to be at 0900. Seems very low power--250 watts or less (Maxfield Greenwood, Sedgwick ME, 23/12) Greenwood's unID on 4965, mentioned on SWL DIGEST 27/11, is R. Landia, noted 12/11 from 0449 to 0500\*, folk mx, ID/TC by M ancr; jingle ID, s/off msg 0458, no NA. Several good IDs have been taped. Was inactive for years, finally dropped from WRTH tho anmts still mention SW fq (Nolan Stephany, Williamson NY) 4780 [sic, I assume you mean 4965 & the previous item in your report was 4780] stn reported by Max and Jerry Berg was hrd here morns of 5/12 & 6/12 1145-1245, but not for about 5 previous morning as I was diligently looking for KK-Sabah 4970 and heard not even a carrier on 4965. I also hrd no IDs, but just MoR SP w/David Bowie's "Real Love" thrown in. Now Dave Valko tells me that John Moritz told him he had heard a definite Radiolandia ID (Brian Cartwright, PA)

HUNGARY Hungarian Radio reported 7/12 that the old SW xmtrs at Diosd (SW of Budapest) installed 33 years ago, had been replaced by new eqp w/output capacity of 100 kW. Technical reliability was very good and new units, only 1/10 the size of the original, were 60% efficient compared to previous 40-42%--cheaper to operate. The two xmtrs could bc R Budapest's Hungarian & fornlng ES to virtually anywhere, but mainly for N&SAm, Turkey and parts of Eu. Similar SW xmtrs operated at Jászberény (E of Budapest) and Székesfehérvár (SW of Budapest). New eqp also did away with manual fq changing. Some 100 diff fqs could be pgmed into new eqp and within 30 secs of a button press, xmtrs could bc on a diff fq. Changing of aerials, formerly done manually, was also now just a matter of pressing buttons (WBI 15/12)

INDIA AIR, Delhi ES in EG: 1000-1100 NEAs/AuAs 17855 17875 17705 17387 15320 15170. 1330-1500 SEAs 15335 11810. 1745-2230:: 1745-1830 ME, 1800-2000 EAF, 1845-2230 UK & WEu, 1945-2045 N/WAF, 2045-2230 AuAs:: 15265 1800-2000, 15110 2045-2230, 11865 1945-2045, 11830 1800-2000, 11755 2045-2230, 11620 1745-1830 & 1845-2230, 9912 2000-2230,

9755 1945-2045, 9665 1845-2230, 9595 1745-1830 & 2045-2230, 7255 1845-2230. 2245-0115 NE/E/SEAs 15275 15110 11875 11765 9595 7215; 9655 to 2400, 17785 from 0000 (WBI 24/11)

IRAO R Baghdad hrd on 2 new fqs w/Sawt ul-Jamahir HS pgm: 9505 at 1400-1600 f/out, 9689.2 at 2000-2303\* v 19/10 (Ernie Behr, Ont) Both 9505 and 11815 block R Japan 1330

ISRAEL Verie rxd from V of Peace, off the coast on a ship 9 km from Tel Aviv. Bcs on 6240 hrd around 2030; Stn Engr Stuart Vint says xmtr is homemade 400W. Plans are underway to increase to 10 kW and use present fq to evaluate reception. Addr is VOP, P O Box 4399, Tel Aviv (Arthur Cushen, Oct-Nov NZDXT & Oct ADXR)

ITALY AWR relay by R Milano Intl in EG & GM, good 1200-1600 13/11 on 7295 (Dario Monferini, Italy, Play-IX) RAI in EG: GB 1935-1955 9575 7290 7275. Medit 0425-0440 7275 6&65. NE 2025-2045 11800 9575 7235. SAs 0350-0410 9710 15330 11905. Japan 2200-2225 11800 9710 5990. NAM 0100-0120 5970 9575 (via Bob Reinecker, Coraopolis PA) RAI has more EG for Japan than for NAM! (gh)

JAPAN R. Tampa (WSB) has been on w/"Overseas Svc", first among commercial bcers in Japan, since 1/10/83. New pgm "Asian Express" beaming to SEAs at 1630-1700 every Sunday in EG & Cantonese w/current nx & hit mx concerning Japan. Special personality--DJ--is Miss Agnes Chan, a famous singer in Japan and Hong Kong. The Radio Regulation Authority has announced this point of view--the official intl bcs are restricted only to R Japan under the rules. However, there's no problem because R Tampa is received in distant countries thru the SW characteristic. Station ID in this pgm is given as "Agnes on Asian Express from NSB". Addr: Akasaka 1-9-15, Tokyo 107 (JADK via IDXCI)

KARELIAN ASSR Petrozavodsk 4780 & 5060: 4780 0700 4/12 w/best sig I've ever hrd from them still audible after 1200 on both fq. Points out interesting example of winter propagation. Petro is not that far south of the Arctic Circle, which by 4/12 is almost totally dark 24h. Also, great circle path from Petro to Johnstown passes thru a lot of the Arctic, so I was getting good 60m reception of a Euro at 0900-1400 their local time. On 3/12 had noticed what sounded like a second Russian behind Vladivostok on 5015, but didn't think Arkhangelsk, north of Moscow was possible, but now I have to reconsider (Brian Cartwright, PA)

KOREA SOUTH New EG sked of R. Korea, effective 19/12: Eu/ME 0600-0700 11820 15575, 1600-1700 9870 11810, 2200-2300 15575. Ams 0200-0300 11810 15575, 1400-1500 9750 15575. ME/Ar 1100-1200 15575, 2200-2300 7550. SEAs (note time change) 1400-1500 9570. General 0600-0700 7275 9640, 0930-1030 5975, 1300-1330 6135, 1600-1700 5975 (Bill Matthews) [Cf Nov LN-20], KBS HS on 6015, reported by David Newkirk, is not new; first hrd them on this fq 1/3/80, at 1200-1500, but was unable to find any info on it then (Behr)

LEBANON Unusual to hear 2 Leb stns at same time--0500 Sun 4/12, both excellent, V of Hope 6215, R V of Lebanon 6550. (Chuck Oliver, Spring TX) [Cf Nov LN-25] I didn't know V of Hope was unlicensed, but not to worry. Veri rxd from them after 1 year and 1 day--a personal letter signed by Chuck Pollak, who says his folks live in Conroe TX, just 10 miles north of me; written from Hotel Arazim, Metulla, Israel (Chuck Oliver) V of Hope would maintain it's 'licensed' by Major Haddad, who runs south Lebanon (gh) Tel Aviv newspaper Ma'Ariv reported 12/12 that Druz in Shuf mtns were installing a large radio stn in 'Alayh. Xmtrs were very powerful and pgms'd soon be audible in every household in Israel. All the eqp for the stn'd been purchased in the US and the staff were also trained there (WBI 15/12)

MACAO In a 11/12 bc, Rdif Portuguesa reported the newspaper 'O Dia' as saying that France was planning to share w/Portugal, within the framework of the "enlightenment and propaganda action conducted by R Free Europe & R Liberty" a xmtr to be set up soon in Macao, "probably with the agreement of Peking". From this stn, France'd bc in FR at night for Vietnam and Portugal'd bc in Cantonese during day for HK and the SE Chinese province of Guangdong (WBI 15/12) Strange they'd akin it to RFE/RL of all things (gh)

MALAYSIA RTM, Sib, 100% [certain?] ID at 1340 12/11 on 5005 ("PIC," Play-IX, Italy) And 8/11 1455-1500\* on 5005, local ID, s/off, Nepal QRM (A Gropazzi, Italy, Play-IX)

MALDIVES 20/11 letter from V of Maldives says SW 4754 soon reactivates, \*1200 (Fox)

MALTA ICR now IDs only as "IBRA Radio/North America" w/same Toronto addr; 31/10 noted on new 9740 in EG 2030-2115\*, ex-9770, but ancd move to 49m effective 6/11 (Ernie Behr) Now hrd on new 6110 from 2000 GM, 2030-2115\* EG, strong 29/11 (Ernie Behr, Ont)

MEXICO Su Pantera, Mérida, 6105, 1415-1428 5/12, interesting reception; was tuning over a mid morning 49mb, hearing only 4 stns--Halifax, Toronto, Montreal & Mérida. Finished song "At the Wheel" with "Su Pantera - con los Moody Blues" then into at least a 5-min string of spots, one featuring Julio Iglesias and another the intro from "Break It Up" by Foreigner. Rather good sig, tho only carriers or nothing on fq of other 49m Mexicans (Brian Cartwright, PA) R Universidad Nacional de México, 30/10 1731-1825 reactivated on 9600 (Ralphus W Perry, TX, via Play-DX, Italy)

MOLUCCAS RRI Ambon 4845 1325-1405 4/12, amazing sig almost equal w/Mayak & PNG; Island mx to 1400 clear ID by girl; then man w/world nx still in at 1405 t/out. Next morning 5/12 not even audible. Then I found out that afternoon that leadin was broken and was working at best w/indirect couple from the last 300 feet of 320-ft ant (Brian Cartwright, PA)

MONGOLIA [Cf Nov LN-21] R Ulan Bator disappeared from 9577.3 a few days after my 11/10 logging & not hrd since (Ernie Behr, Ont, 16/11)

MOROCCO Fq sked from Moroccan R shows these SW channels from 9/11 for relays of domestic Arabian[ic]-lang net: 1000-1100 15335, 1100-1400 17815 15360 15335, 1400-1700 15595 15360 15335, 1700-1900 17815 15335 15330, 1900-2100 15335 15330 11920, 2100-0100 15330 15105 11920 (WBI 8/12) RTVM hrd on 9865 in AR 2100-2400\*, // 11960 clear to 2200; on 9605 at \*0000-0300\* but QRM to 0135 2/11 (Ernie Behr, Ont)

MOZAMBIQUE Maputo, 4863, propagates well, but ute on -62 or -63. Audible clearly during ute pauses & one can build up tapes; peaking around 2200; 2202 NA, 2204\*; hrd from 2030. Seems like long skip, 1500-miles per hop (Maxfield Greenwood, Sedgwick ME)

NEPAL R Nepal, 5005, 18/11 & 19/11 \*0020 //3230 (Dario Monferini & Giuseppe Zella, Play-DX, Italy) R, Nepal, 3230, 3/11, 12/11, 16/11 \*0020-0042 & 1445-1720\* // 5005 (PLC, Dario Monferini, Giuseppe Zella, Italy; "CR", UK in Play-DX, Italy) 5005 not to be confused with Malaysia, Pakistan, Surinam...

NICARAGUA LV de Nicaragua hrd on 5950 20/11 w/EG statements every half hour that "...steps have been taken to guarantee the security of all foreign citizens, including those of the US, in view of a forthcoming invasion by North American troops," followed by a woman giving procedures for US citizens wishing to enter Nic; EG pgm Nicaragua Today (nx) 0451-0459 (John Wilkins, CO) R Noticias reported 3/11 that the person who had worked for R Éxito'd be relocated at other radio stns. The stn had suspended opns due to restructuring of the People's Radio-Broadcasting Corp - CORADEP (WBI 17/11)

NIGERIA Per QSL letter, R Nigeria, Enugu, 6025, is from a 10 kW NEC xmtr at the Milliken Hill Stn sited apx 400m about [above?] sea level, lat 6-27 N, long 7-29 E. Says none of their new installations at the moment are for SW svc; from P.A.O. Orogbu, Asst CE (Wm Plum, Irvington NJ)

PAKISTAN On 5005, R, Pakistan 18/11 & 19/11 0020-0055, not // 5008 Pak; probably using 5005 to cover Nepal (Monferini & Zella, Play-DX) R Pakistan in Farsi on 5005.5, 20/11 0055; local mx on 5007.5 0059, not // ("PIC", Play-DX, Italy)

PARAGUAY R, Nacional on 9735 at 0150 7/12, 1AM mx, G sig, 0158\*, completely blocked DM (Chuck Oliver, Spring TX)

PERU R Nor Peruana, 9655, 9/11 1256-1300+, G sig, 9660 splat; ads incl Banco Amazonas "highest interest on your savings," which seemed to be 179%! Still 15/11 unID on 6965, pms only, G sig but SSB QRM, pgm "La Hora Tropical": tho mx is Andean! 3943, unID Peruvian loud but very distorted, no ID. 6270, R. Huallabamba, #2312 14/11, G. R. Moderna de Celendín, 4300, 21/11 2315-0100+, G sig w/ballads, just high of ute, TC 2324 "en Moderna de Celendín, a través de los cuatro mil trescientos kcs." Not hrd since Sept, when tent. on 4200.3. Yet another new Peruvian on 6242a, R. Musical de Calca, first hrd 22/9 [sic, must mean 22/11, date of letter] 0000 but ID 1015, rustic mx selections, M talking over mx w/abundant IDs; typical OA wakeup format. G signal, 90 % sure on QTH but we've seen what I can do with place names, hi. Calca is 75km NE of Cuzco (Richard Stoller, Bogotá DE, Colombia) Reported by J.C. Codina as Municipal, not Musical (gh)

New stn, R. Nuevo Continente, OAZ2E, 1 kW on 5190 in Cajamarca City (José Carbone,

via Gabriel Iván Barrera, Argentina, 23/11) R. Nuevo Continente, 5190, is inactive since 10/19 because a xmtr tube blew up, says Gerente General Carlos Justo Rivas Dávila (Ralphus W Perry, TX, Play IX, Italy, 5/12)

R. Inca, 4762, sent QSL card after 6 months, plus fantastic large pennant, about 8 x 12 inches, and multicolored. No IRCs sent but 700 soles in mint stamps; letter franked with 800. V/s Augusto S. Irei I., Dir.Gen. QTH: Av. Arequipa 2469, Lima 14 (Monferini, tnx Mery Dione Blas Rojas, Play-DX)

R. Pampas, 4855, sent 2 QSL letters for 2 reports after 210 and 190 days, plus C90 cassette with Peruvian folk mx plus handmade cloth pennant. Had sent them two C60 cassettes, several Italian stamps, plus two 700-sol Peruvian stamps. Letter received by registered with 1800 soles postage. Also sent 5 Swedish IRCs, they did. V/s Luis F. D. Mestre Rojas, administrador. He collects radio & TV topicals. Addr; Jirón Grau 224, Pampas, Tajacaja [sic] (Dario Monferini, Italy, Play-DX/12)

Our friend and collaboratrix Miss Mery Dione Blas Rojas, in Lima, says: "Spekking of postal matters, workers in that department are on strike here; they are only providing restricted service with contract personnel. R. Esmeralda de Huanta, 5300 kHz [et al.] was Huanta's oldest station, closed down according to owner Sr. Aurelio Liberatto, out of favoritism to R Huanta 2000, 4746 kHz. R. Esmeralda was inspected by the Ayacucho Comando Político Militar; that's a region torn apart by terrorism. R. Huanta 2000 did not undergo that inspection because it received a notice from Lima the day before to 'disarm' its installations (Play-DX 5/12)

"Radio Oyentes" on 6188 at 0355 28/11; couldn't get location before s/off w/NA 0400 --good sig. Checked w/Spanish radio stn here and found "Radio Oyentes" means "radio listeners". However, she insisted R.O. was not the stn's name, but was used to attract listeners (Chuck Oliver, Spring TX) I certainly concur--any station could use the phrase "radio-oyentes". However, I expect you were hearing Radio Oriente, Yurimaguas, which sounds quite similar (gh) Could be a dialectic peculiarity; R. Oriente also sounded like Oyente to me last year (Maxfield Greenwood, Sedgwick ME)

R. Concordia, Arequipa, obs since 14/11 on 9580 (WBI 24/11)

PHILIPPINES FEBC, Manila introed new skéd 6/11 in EG: 2300-3000 21515, 2300-2400 on 15450, 0000-0500 15300, 0500-1000 11890, 1245-1600 15440. SW Mbg pgm hrd on Sun 2345 & Thu 1440, Fri 0840; EG lang lessons "English Now" on Fri 0240 & 1340 (Robert Chester, RA JP DX 11/12)

POLAND R. Polonia, Warsaw, ES in EG: 0630 Eu 9675 7270 6135. 1200 Eu 7285 6095. 1230 Af 15120 11840 9675 9525. 1400 Eu 7285 6095. 1500 Eu 7285 6095 5995. 1600 Eu 9540 6135. 1630 Af 11840 9675 9525 7125. 1730 Eu 9675 5995. 1730 Eu 9540 6135. 1830 Af 11840 9675 9525 7125. 1830 Eu 7285 6135 5995. 2000 Eu 7285. 2000 Af 9675 9525 7125. 2030 Eu 7285 6095. 2230 Eu 7270 7125 6135 5995. All those were 25 or 30 mins. 0200-0300 & 0300-0355 NAM 15120 11815 9525 6135 6095 (WBI 15/12) In the recent past, and perhaps still, R Polonia has also used 41m 0200-0355--7145 7270 but is cagey about admitting it. So, apparently, is BBCMS (gh)

PORTUGAL Per RDP IS report 24/11, Dir of RDP IS has told the Council of Portuguese Communities Abroad, meeting in Vila da Feira (Aveiro District), that plans have already been finalised to increase the power of the net's xmtrs at an estimated cost of 250 megascudos. This was disclosed in reply to suggestions at the meeting that RDP should increase the capacity of its SW xmtrs in order to improve the reception of its pgms destined for abroad (WBI 1/12)

QATAR QBS Doha hrd on new 9905 in AR most of the day 1400-2215\*v, also from \*0242 w/ IS; not on listed 9715 4/11 (Ernie Behr, Kenora Ont)

SABAH Very difficult country to hear in New England but Rumbos [Venezuela] gone from 4970 for at least a week, so Kota Kinabalu in clear, from 1000 to Urumqi s/on 1200. In 6 hours (3 days) of listening, heard only one K.K. ID, 9/12 1045. Waiting for a good opening. Later: Drát!!!! Rumbos noted 19/12 at 1000, back on air just as I tuned for my Sabah-watch. Well, maybe Rumbos will in future prove to be irregular here. This burns me up! I hate a big opportunity closed down! (Maxfield Greenwood, ME)

SAIPAN On the air for less than a year, SuperRock KYOI generates considerable listener interest in Japan and appears headed for a sound financial future. KYOI is a commercial SW stn, on air 24h a day, broadcasting "Contemporary Hits" rock mx directed at the Japanese market. Stn is the brainchild of Lawrence Berger, who also owns KHVH (AM) Honolulu, KUAM-AM-FM-TV Añaña GU, and WVUV (AM) Pago2 American Samoa, and who holds a

50% share in KYOI operator, MARCOM. The other owners are Fred Zeder (25%), now the ambassador for Micronesian political status negotiations, and African Perry (25%), the former President of Kentron Hawaii Ltd. (operators of WXLE (AM) Canton Island in the early 1970s). KYOI is one of a small number of commercial SW radio stns which have commenced being in recent years. 18/12/83, when KYOI celebrates its first anniversary, it'll be the only commercial SW stn in the N Pacific amongst a total of four such stns in Guam, Saipan and Alaska. SuperRock KYOI has a carefully selected name - "Super" having a very strong, positive meaning in Japan, and "YOI" meaning good in Japanese. From its two 170' towers reaching into Pac skies, the latest in rock mx is beamed to a young Japanese audience of 18-30 yearolds from one end of Japan to the other. Major advertisers supporting the stn and its pgms are Seiko, Sony, Continental /Air Micronesia and a Japanese magazine. The technical facilities on Saipan employ just 6 staff, working as operators, antenna riggers and whatever else is needed to keep the stn on the air around the clock. All pgms are prepared in Los Angeles CA by the Drake Chenault Co., which is why the jingle "Music from Los Angeles" is frequently hrd, and then airfreighted to Saipan. KYOI retains a rep in Japan to advise the programmer of the latest in Japanese popmx trends. Sales of airtime are made in Japan, and bills are paid from Honolulu with most business being conducted by phone and telex. This is one of the most comprehensive international bcng operations and firmly places KYOI at the front in the development of Pac bcng. KYOI has rxd thousands of letters and reception reports since coming on air, and acknowledges all reports with cards postmarked "Saipan CM". The stn also hopes to encourage interest in Saipan as a vacation spot. Drive south on Saipan's Beach Road, past the Coast Guard stn, past the White Sands Hotel, past two picnic tables at the Tinian overlook, start up the hill to Koblerville and halfway up take a right onto what must be the worst road in Saipan, bump and jolt down for about a quarter mile and you come upon a bunker-type concrete bldg, framed by two towers that look like they came straight from the "Star Wars" set. (Guam Business News 6/83, & Butch McBride, KYOI Mgr & CE, via Ralph Sutton, NZDXT)

SÃO TOME & PRÍNCIPE hrd for first time in a sesquyear, 21/12 u/ute, tough copy; in PT w/distinctive IS, big gong 2100 on 4806. People talking, different speakers, sounds like coverage of govt session; next day no carrier or ute covered (Max Greenwood, ME)

SA'UDI ARABIA BSKSA Riyadh on 9870 in AR 1800-2140\*v, then moves to 9885 to 2300\*v but some days remains on 9870 (Ernie Behr, Ont, 8/11)

SEYCHELLES FEBA noted on 9565 at \*0157-0300\* w/SAs pgms; on 9600 at \*1700-1716\* in Somali 21/11 (Ernie Behr, Ont) The series "This is FKBA Radio" mentd previously, seems to be over. There is only a nx bulletin now at 1600 hours daily (José Jacob, Asian DX Review, Oct)

SOMALIA R Mogadishu DS, not hrd on 6790 since 18/11, was hrd 1515 24/11 on 7195. Subsequent anmts said on 41m and 300m (963 kHz) (WBI 1/12)

SRI LANKA From 15/10, SLBC ME svc is airing EG request pgm (mx? -ADXR ed.) every Sat at 1800-1830 on 11800. They are charging one rupee per word for the greeting and/or other messages. "Torrington Square" of the SLBC addr has now been renamed as "Independence Square". (José Jacob, Indian DX Club International Asian DX Review, Oct)

SUDAN/EGYPT Per Sudanese nx agcy SUNA, a delegation comprising Egyptian Minister of State for Info, Dir of Eg Radio & Dir of V of the Arabs 'd be arriving in Khartoum 22/11, to set in motion establishment of the Nile Valley Radio. During recent meeting in Alexandria, the Higher Integration Council decided to establish NVR so as to serve objectives of integration between Sudan & Egypt (WBI 24/11) In a report from Khartoum 24/11, Eg nx agcy MENA said Eg & Sud Info Ministries'd agreed that NVR (Arabic: Idha'at Wadi an-Nil) 'd begin xmsns from 1/1/84. Also agreed that the Sudan Corner svc from Cairo would become NVR and that staff and engineering eqp'd become mainstay of new stn. Initially NVR'd be on air 4h a day 0500-0600 & 1300-1800. (WBI 1/12) Believe MW only

SURINAM Monitoring 12/11 revealed what is believed to be SRS (Stichting Radio-omroep Suriname) being on 5005.5. Pgms between \*0810 and 0540\* 13/11 closely resembled SRS's previous domestic pgm. EG anmt 0455 13/11 said Surinam BCng Foundation from Paramaribo. 5005.5 is believed to emanate from xmtr formerly used by R Apintie (WBI 24/11) R. Apintie, reactivated on 5005.9, after the coup 28/11, reggae mx, IDs 2255-0010 on 29/11, 30/11, 1/12, 2/12, poor-good (Giuseppe Zella, Italy, Play-DX) So you heard an Apintie ID? (gh) R. Free Surinam, on 5005+ is, I agree, surely Apintie's xmtr, as it

has been ultra-well defined and perfectly modulated, something which made Apintie an Audio Delight. And why shouldn't RFS indeed not be Apintie in fact, but only under a different name, but with same personnel. Are they moved, that is, transmitting from a "hideout" or at old address? I think I'll write to the old addr and find out. I consider Apintie to have been a fine group of people on SW, a stn of high ideals and humanism, and I wish them the best. They are going from either Hindi or that other exotic lang (for SAM, i.e.) at 0930 to Dutch, just as the old Apintie did. I surely wish they would give us a pgm in English to tell the story of what's going on down there. It would help their cause. They never failed to ans, a letter of mine, so if I get no answer, I'll know they're in hiding, or their mail is being intercepted. I'll send it to their address only, without their name on the envelope. Later: On 5006 0800/0900 Hindi, 0930 DT, ute QRM, has first rate engr; gets out well, modulation par excellence, sounds like Apintie, same xmtr and format; no IDs hrd. Should go back to clear 4995 (Maxfield Greenwood, Sedgwick ME)

TANZANIA 28/11, R Tanzania quoted CE as saying in Dodoma, at the opening of the annual meeting of R Tanzania's Tech Dept, that a lot of the eqp used by RT was old and could not be repaired because its spare parts were no longer manufactured, except by special arrangement. Its most recently purchased eqp was now a deka-year old and, despite determination of techs, it was miracle that RT was received satisfactorily. CE warned that if govt didn't give situation consideration there was danger that many listeners would turn to more powerful stns. He also blamed those who were ready to grant aid to other sectors, but not for essential equipment for RT. Also attending the opening ceremony was the Dodoma Urban District Secretary who said that 'big nations' were reluctant to grant aid to RT 'because they realize it is a powerful weapon in building socialism'. He praised the determination and patriotism of RT techs and called on them to continue with the same spirit of self-reliance during the current difficult economic period. The one-week meeting was attended by heads of the Tech Dept of R Tanzania - Dar es Salaam and the head of RT stns in Arusha, Mwanza and Mbeya [more under ZANZIBAR] (WBI 1/12)

TUNISIA Monitoring since 1/12 shows that Runisian R has introed a daily ES in AR for listeners in the Arab World, 1600-1800 on 15226 w/press review, mx, president's directives, mx. At other times, 15226 carries DS in AR // MW & FM + 11971 7225 (WBI 8/12)

TURKEY TRT, Ankara ES, "The Voice of Turkey", in Turkish for Turks Abroad: 0355-0900 9730 9560 7130 6040, 0900-1000 15220, 1000-1500 15220 11955 9670, 1500-1600 15220, 1600-2200 9515 7215 6005, 2255-0300 9730 9560 7215. EG: 0300-0400 ENAm/SEAs 9730 9560. 1230-1300 SWAs 15125. 2000-2100 Eu 7155. 2200-2300 Eu/ME/ENAm/SEAs 9730 9560 7215 6130 (WBI 24/11) VOT being hrd on 9560, 0300 EG nx; 29/11 is first time I've hrd them there. Turkish pgm until 0255, then 5 mins of "This is the Voice of Turkey". Wish they would send my verie (Chuck Oliver, Spring TX)

UGANDA/CUBA On 5/12, R Uganda reported the Minister of Info & Bcing as saying the Min'd acquire another SW xmtr by mid-84 and'd strengthen the 250 kW ES at Soroti. Said this at meeting w/3-man Cuban delegation in his office. They discussed ways Cuba could assist the Ministry in engineering, pgm prodution, installation of new equipment which the Ministry'd just acquired. Minister told delegation that radio & TV links, maintenance of eqp, training of manpower and pgm prodution to suit Uganda's needs were a problem in his Ministry. He added that the country needed assistance that could enable it to counteract misinformation and correct the country's image damaged by the foreign media abroad, adding that this'd also help to educate, inform and motivate Ugandans to do good work. The Minister asked the Cuban experts to assist Uganda in media development to benefit the rural population. The Cuban delegation consisted of the Dir.Gen. of Radio & TV International, his project engineer and commercial manager for pgm exchange. The leader of the delegation promised that his country'd send experts in RTV to carry out detailed research by early next year (WBI 8/12)

UPPER VOLTA Undated sked w/verie rxd in Nov from Rdif TV Voltaïque: Mon/Tue/Wed/Fri 0530-0900, 1200-1400, 1600-2400. Thu 0530-2400. Sat/Sun 0700-2400. Fq usage: 4815 0500-0900 & 1700-2400; 7230 0900-1700; langs: FR, EG, natl langs (John Wilkins, CO)

URUGUAY CXA30, La Radio, bcs on 6034v 1300-0300v daily exc Sungs to 0500+, 1 kW w/ rhombic ant. Sign off varies some days to 0400/0500. Verifies by QSL letter, v/s is Mario Coronel (Gabriel Iván Barrera, Bs. As., Argentina, 23/11)

U S A On 18/12, WRNO suddenly switched from 6045 to 6020 for the 0200-0400 segment; less QRM there; affects GMT Sun 0230 bc of WORLD OF RADIO. If any of the three WRNO broadcasts of W.O.R. is missed or defective, we try to have it repeated a following GMT Sat at 0500-0530 on 6185, just before the first airing of a new edition. WQPS, 90.9 MHz, Greensboro NC, has changed time of W.O.R. several times, most recently Thu. 5:30 pm ET. W.O.R. on KUWR FM Laramie WY 91.9 MHz 7 pm MT Sats also entails lowpower relays on 88.7 in Casper WY, 88.9 in Glenwood Springs CO, 90.9 in Aspen CO, and soon on 89.9 in Torrington WY. Other details as in Dec LN (gh)

Radio Earth on WRNO is now 7 nights a week, 0400-0500 on 6185. When WRNO was off the air for technical problems, Radio Earth would subsequently double up with another program at 0500-0600 (or if GMT Sat, extending xmsn to carry it at 0600-0700.) The temporary placing of Radio Earth's [non]DX pgm, Dialogue on Sundays (GMT Mondays) was changed back to Sats (GMT Suns) on first half of pgm, but might change again. R Earth keeps picking up creative people whose talents aren't appreciated by other stns, now including Rudy Espinal (ex-R. Clarin), David Monson (ex-BRT), Richard Ginbey (atill on R. Nederland?), Dick Speakman (ex-R. Australia), Wojtek Gwiazda (ex-RCI). Who will be next? This strategy of Jeff White's seems to be paying off, with an increasingly good and diverse program (gh)

The harmonic of WSDB, Sutton WV is being heard at SWNS HQ around 2200 on 2980 kHz, and the harmonic of WIPI Roanoke VA has been hrd at the same time on 3140 (SWNS 30/11)

VOA on 4760, 0305, 1210 12/11. UPI nx by M, then NBC Nx by W, not same pgm as 6300 (Chuck Oliver, Spring TX) Again I assume you mean AFRTS--spur or image? (gh)

U S S R Arkhangelsk on 5015 hrd at 0339 3/own IS, "Govorit Arkhangelsk", local RS pgm 3/12; Khabarovsk on 7210 hrd at 2055 w/local wx, TC for Khab. & pgm rw, 2105 Moscow RS nx 4/12 (Ernie Behr, Ont) see also KARELLIA.

All-Union Radio, Moscow, DS fq skeds; owing to reception condx & QRM, beginning & end of xmsn spans of some fqs not fully determined. SSB feeder channels are subject to fqt variation. From 1/4/84 all xmsns '11 be one hour earlier than shown. First Pgm for GMT+3 1/2 timezones at 0200-2200: AM: 12045 06-16 $\frac{1}{2}$ , 11930 07 $\frac{1}{2}$ -15, 11760 07-15, 9800 06-15, 9775 07-14, 9670 05 $\frac{1}{2}$ -15, 9645 02-12, 9540 06-13, 7350 02-05 $\frac{1}{2}$ , 7250 0545-14, 6140 02-06, 6105 02-07, 6095 02-06 $\frac{1}{2}$  & 15-22, 5945 02-06 $\frac{1}{2}$ , 5930 02-07 & 13-21, 5910 at 02-05 & 13-22. SSB: 17560 LSB 05-13, 5815 LSB 02-04 & 13-22.

First Pgm - Radio Orbita-4 for GMT+5 1/2 at 0000-2000: AM: 15245 05-15, 11700 05-11, 11630 07-14, 9490 00-20, 7420 00-05, 7370 13-1645, 7195 00-05, 6080 00-04, 6040 00-04 & 14-20, 6005 00-06, 5900 18-19. SSB: 13820 USB 02-16, 12135 USB 1215-15, 8005 LSB 12-20, 6920 USB 00-02 $\frac{1}{2}$  & 17-20, 6890 USB 14 $\frac{1}{2}$ -20.

First Pgm - Radio Orbita-3 for GMT+7 1/2 at 2200-1800: AM: 15480 02 $\frac{1}{2}$ -12 $\frac{1}{2}$ , 11805 05-12, 11750 03-12, 9790 03-12, 9605 04-13, 5900 23-04. SSB: none observed

First Pgm - Radio Orbita-2 for GMT+9/10 at 2000-1600: AM: 15545 03-11, 15460 03-12, 12060 02-03 $\frac{1}{2}$ , 12040 02-13, 11825 00-08, 9800 00-05, 7320 22-23. SSB: 19210 USB 05-08, 14850 LSB 03-11, 11575 USB 01 $\frac{1}{2}$ -11, 10690 USB 01-11, 7925 LSB 20-03 & 11-16, 7410 USB 20-03 & 11 $\frac{1}{2}$ -16.

First Pgm - Radio Orbita-1, for GMT+11/12/13 at 1800-1400: AM: 12070 22-07. SSB: 18830 USB 01-09, 15490 USB 02-10, 12050 LSB 23-14, 9905 USB 18-08 & 09-14, 7390 LSB 18-04 & 10-14.

Second Pgm - Mayak, 24h [on a great many AM channels, complex sked, and:] SSB: 22205 DSB 07-15, 17580 LSB 03-13, 16330 LSB 04-13, 15602.75 LSB 04-05, 13380 LSB 02-16, 12205 LSB 06-15, 9905 USB 14-17, 9200 LSB 23 $\frac{1}{2}$ -02 & 15-18, 8005 LSB 20-22, 6822 $\frac{1}{2}$  USB 22-03 & 13-18, 5185 LSB 22-01.

Third Pgm 0400-2100 for Euro USSR: AM: 11690 05-16, 7440 07 $\frac{1}{2}$ -12 $\frac{1}{2}$ , 5900 04-16, 4860 04-06 & 13-21, 4055 04-21 (WBI 17/11)

RMWS Features other than news: 0010 News & Views, 0031 Sun Russian by Radio, other days Music, 0110 Soviet Way of Life, 0131 Focus on Asia or irregularly The Way We See It, 0210 Tue-Sat Newsreel, Sun Commentaries, Mon Talk on Disarmament, 0231 Commentaries exc. Mon. Mailbag, 0310 The Way We See It, 0331 irregularly Soviet Way of Life; Sun Russian by Radio, Mon Comment. 0410 News & Views, 0431 Guest Speaker & features (Science & Engineering, Culture & the Arts, etc.) 0510 Soviet Way of Life, 0531 Music, 0610 Tue-Sat Newsreel, Sun/Mon Commentaries, 0631 Talk/Interview exc. Mon. Mailbag, 0710 News & Views, 0731 Music, 0810 The Way We See It, 0831 Music, 0910 Tue-Sat Newsreel, Sun Commentaries, Mon Talk on Disarmament, 0931 Guest Speaker & Features Mon-Sat repeat of 0431; Sun Russian by Radio, 1010 News & Views, 1031 Music, 1110 The Way We See It, 1131 Talks/Interviews; irregularly, Soviet Way of Life, 1210 Tue-Sat Newsreel, Sun Commentaries, Mon Talk on Disarmament, 1231 Talks/Interviews exc. Mon Mailbag, 1310 Soviet Way of Life, 1331 Talk/Interviews; irregularly, The Way We See It, 1410 News & Views, 1431 Music, 1510 Soviet Way of Life, 1531 Focus on Asia

or irregularly The Way We See It. 1610 Mon-Fri Newsreel, Sat/Sun Commentaries. 1631 Guest Speaker & Features, repeat of 0431, exc Sun. Russian by Radio. 1710 The Way We See It. 1731 Talks/Interviews or irregularly Soviet Way of Life. 1810 News & Views. 1831 Music. 1910 Mon-Fri Newsreel, Sat/Sun Commentaries. 1931 Talk/Interview exc. Mon. Mailbag. 2010 The Way We See It. 2031 Talk/Interviews or irreg. Soviet Way of Life. 2110 News & Views. 2131 Music. 2210 Soviet Way of Life. 2231 Focus on Asia. 2310 Mon-Fri Newsreel, Sat/Sun Commentaries. 2331 Guest Speaker & Features repeat of 0431 (WBI 1/12) Forgive me for omitting the fqs, as there are about 40 per half hour. Tnx to BBCMS for introducing relatively painlessly, this pgm info along with their monster sked of Soviet external services. Those who require full fq info for EG and/or the scores of other languages should subscribe to WBI (or order the 1/12 issue as a sample?). I hope that in future, more details of features and music program titles can be given (gh)

TASS reported 29/11 that experimental bcs, based on use of a digital code, had been held successfully in the Soviet Union for the first time. They demonstrated the advantages of a new being technique over the conventional one, according to an official of the Ministry of Comms Equipment Industry. Results of the tests gave grounds to hope that this method of transmission would become a basis for future high-quality being in the VHF band. Offl added that one of the advantages of digital being demonstrated during the expl bcs was tht it offered effective protection against jamming and distortion. Digital being would also help to solve the problem of crowded condx on the airwaves. Several radio stns would be able to use one wavelength without risking interference with one another (WBI 1/12) Western press reports referred to this being on SW, perhaps some nincompoop along the line (like the one who set up the Dewey Decimal System) not drawing any distinction between SW and ultra-SW. They failed to point out that any jamming of Soviet bcs is most likely their own fault (gh)

VENEZUELA Ecos del Torbes 4980 and R Táchira 4830 have the same verie-signer, Desirée Gonzales, Relaciones Públicas, so it appears they are jointly owned (Vizzoni & Pavanello, Play-DX) And also might explain why both have been reported La Voz del CID carriers, tho only Torbes listed in CID skeds (gh)

YEMEN SOUTHEAST PDYBS Aden hrd on 6005, strong in AR from 1900 to 2000 when covered by BBC 1/12 (Ernie Behr, Kenora Ont)

ZAMBIA R Zambia hrd on 9505 from 1552 10/12 w/birdcall IS, NA, mx, 1600 EG rx; best ever sig & mod, listed as 50 kW (Ernie Behr, Ont)

ZANZIBAR [see also TANZANIA] 19/10 edition of the Daily News stated that R Tanzania Zanzibar would begin being an external svc by end of next year following installation of two 50 kW SW xmtrs at Dole, some 15 km from Zanzibar city. Dir of the Dept of Info & BCing said the installation of the xmtrs was expected to be completed by Oct 1984. They were currently being installed by 50 experts from China. The bldg that'd house the xmtrs had already been completed. The Dir. also said that after installation, RTZ'd be able to bc pgms to Arabian countries and the Comoro Islands in EG & AR. Work on the xmtrs, which started last year, was originally scheduled to be completed this year, but it'd been delayed due to current economic problems. Meanwhile, RTZ had purchased a 10 kW MW xmtr from the US to boost local being capability. Previously had 2.5 kW (WBI 1/12)

ZIMBABWE In a 5/12 bc, the ZBC reported that the govt wanted to ensure that the radio svcs reached all parts of the country and 'in the people's language'. The govt's objectives were disclosed by the Info Minister at opening of a seminar on pgms and svcs in Harare. The Min said after attainment of Independence, govt'd overhauled the being a vc, "which was racial in orientation and colonial in material output". The Min pointed out that 4 radio channels'd been established to inform, educate and entertain the people. By next year, there'd be a fully-fledged external service from Radio 1 beamed in the regions 'to counter racist South Africa's propaganda' (WBI 8/12)

CLANDESTINE CRANNY V of Mozambique National Resistance, hostile to the Moz govt, obs on 10/12 1700-1800 on 4772, in FT 1700-1717, EG 1717-1728, verns 1728-1800. Repeated 11/12 to 0500\* (WBI 15/12)

R Bardai on 6009, often good in local AR & vernac 1900-2020\*v, fading in as early as 1800 some days; 9/12 to 2055\*; no doubt hi-power xmtr from Libya (Ernie Behr, Ont)

V of the Palestine Revolution Monitoring of anti-Yasir Arafat stn on 1412 kHz con-

tinued 9/11 and subsequent days. Xmsn at \*1430 10/11 said the "V of the Palestine Revolution, V of the Palestine Liberation Organization" was being from the Nahr al-Barid Camp. 11/11, it became clear there were two "VOPR" stns on same channel, 1412 kHz--one \*1700, about two mins before the other one had finished. 12/11, no such overlap observed. One operated 0400-0600 & 1318-1634, other 0700-0900 & 1700+. 13/11, only one stn hrd, 0700-0900 & 1658-1857. This IDed as "V of the Pal- Rev-, V of the P-L-0, V of Pal Natl Unity". No xmsns hrd 14/11 (WBI 17/11) Continues hrd generally 0500-0700 & 1330-1630 apx, just one, but being is somewhat erratic (WBI 24/11)

V of the Iraqi Revolution, on 7006 hostile to Iraqi govt, favouring Kurdish autonomy, and that from 19/11, Kurdish xmsn'd be retimed to 1300-1400. Pgms in AR'd be 1200-1230. Monitoring 22/11 confirmed this but on 7015 (WBI 24/11) Andc further change: from 28/11, Kurdish 1130-1230, AR 1300-1330 (WBI 1/12)

R Iran, which says it is voice of the Natl Resistance Movement in Iran, andc its new addr: P.L.K., 084012-A, 5000-Cologne, West Germany. Previous addr was P O Box 17, Blvd Raspail, 75005 Paris, France (WBI 17/11)

V of Tamil Eelam Madras, Nov. 5 - Radio listeners here treated to new stn on 41m, on the air for first time today w/song "Vazhga Tamil Eelam" (Long Live Tamil Eelam), said to be natl anthem of proposed Tamil State in Sri Lanka. This cland was set up w/eqp purchased from W Germany on one of the deserted islands north of Jaffna, per Peoples Liberation Organization of Tamil Eelam, a militant Sri Lanka Tamil youth group headed by Mr Uma Maheswaran. Per VOTE, there'll be regular bcs on Sats & Suns 7-8 pm (1330-1430 UTC), to begin with and its duration will be stepped up gradually (The Statesman, Calcutta, 6/11 via Tripti Ranjan Basu, Oct ADXR of IXCI)

V of the People of Cambodia The Thai EG-lang newspaper Bangkok Post reported 14/11 that Prince Sihanouk's "Natl United Front for an Independent, Neutral, Peaceful and Co-operative Cambodia" and the "Khmer People's Natl Libn Front" under the leadership of the Prime Minister of "Democratic Kampuchea" Son Sann, had set up a mobile radio stn which'd go on the air this month. VOPC, which'd operate from Cambodia, symbolized increased co-operation between the two non-communist factions in the coalition govt of "Demo. Kamp." which were previously at odds with one another. The stn'd be the coalition's mouthpiece and'd demonstrate that the Vietnamese presence in Cambodia was being resisted. The Khmer Rouge already operated its own mobile stn (Ed. note: a possible ref to the radio stns "V of Democratic Kampuchea" or the "Voice of the National Army of Democratic Kampuchea", which are believed to emanate from xmtrs in China) (WBI 17/11) V of the Khmer People In its 12/12 issue, Bangkok Post reported that per diplomatic sources, the Son Sann and Sihanouk factions of the "Democratic Kampuchea Coalition Govt" 'd launch a mobile radio stn 16/12. The 100 kW SW stn, jointly operated by Son Sann's "Khmer People's Natl Libn Front" and Sihanouk's "Natl Front....etc., etc...." 'd be separate pgms, capable of reaching 300km into Kampuchea. VOKP'd report on developments of the coalition's guerilla war 'against the Vietnamese-led Heng Samrin forces'. Stn was due to begin being about a month ago, but was delayed for unknown reasons (WBI 15/12)

V of the People of Malaysia is the new name for V of the People of Malaya, as andc 9/12 to go into effect 11/12; on 12/12 it was explained that the change resulted from the merger of the Marxist-Leninist Communist Party of Malaya (CPM) and the Revolutionary Wing of the CPM, into the Malaysian Communist Party (WBI 15/12)

October Storm Radio/Spark Radio/First August Radio/China. In a commentary on the situation in China on 5/11, the V of Vietnam said that in addn to the cland Ba Yi radio stn (First August), two more clands, October Storm and Spark had appeared in China. VOV said these had bc commentaries criticizing China's 'reactionary' domestic and foreign policies. (Ed note: These stns in fact believed to have been in opn for several years) (WBI 17/11) V of the PLA 2/12, stn called this in Std Chinese hrd w/10-min commentary hostile to Deng Xiaoping at 0900, 0930, 1000, 1015, 1030, 1100, 1115 on 9267.7. 5/12, stn intercepted at 0940 on 7525 instead of 9267.7. 10-min xmsns at 1000, 1015, 1030, 1115 (WBI 8/12) Monitoring past week reveals that V of the PLA shares xmtr w/ two other anti-Deng Xiaoping clands, operating on either 9267.7 or 7524.7 without any pattern. 6/12 & 7/12, R Spark (Std Chinese: Huo Hua Tai), being 'to young comrades throuth the country' hrd on 7524.7 w/12-min bc at 0900, repeated at 0915, 0930, 1000, 1015, 1100, 1115. On these occasions, xmsns on 9267.7 were not hrd. But 8/12 & 10/12 stn IDing as "October Storm" (Yue Feng Bo) obs w/8-10 min bcs at same times on 9267.7. 9/12 & 11/12, October Storm was being on 7524.7 (WBI 15/12)

Spy Numbers in German, 6355 at 0315 6/12, off 0318 (Chuck Oliver, Spring TX)

Radio Liberté hrd on 9610 in FR & Creole at \*2100-2150\* & \*2300-2350\* Sun & Wed since 20/11; strong sig when Euro stns weak, pointing to SAM site; opens & closes w/Haitian NA; anncg addresses in Caracas, New York & Miami (Ernie Behr, Ont)

R Martí In the Oct Electronics Today Intl, I wrote "It is not yet known whether R Martí will share VOA's 1180 kHz channel or set up its own xmtr on the Marathon site". New info recently rxd from a (for the moment) confidential source strongly suggests that R. Martí will come on the air simultaneously from Marathon on 1180 and from a second site in the Florida keys on 530 (C M Stanbury, SWNS 30/11) Press reports from Miami indicate now shooting for late January, Martí's birthday (gh)

R Venceremos on 6595 at 0308\* 6/12 (Chuck Oliver, Spring TX)

R Farabundo Martí hrd 0112-0139\* w/combatt nx & songs 22/10; no jammer, but jumped fq 12 times in 27 mins: 6920, 6900, 6930, 6910 etc (Ernie Behr, Ont) This stn, hostile to El Sal govt, ancd 17/11 it'd shortly start xmting 'from the heroic Guazapa hill' on 105 MHz FM. 20/11 0100 bc said FM'd begin at 0200 that day (WBI 24/11) RFM continues to announce it's on FM from 'the heroic area of Guazapa' for "San Salvador and its outskirts" at 0200 & 1200/1230. However, since 22/11, unanncd xmsn from R Natl Sovereignty has been hrd at these times on 105.2 MHz, obliterating any possible bc from RFM (WBI 8/12) In an interview, published by the Panamanian newspaper Diálogo Social, Nov/Dec issue, head of RFM said stn was in Chalatenango (northern El Sal), one of the rebels' areas. As for its relationships w/other FMLN stns (R Venceremos, R Guazapa, R Unidad) RFM currently coordinated exchange of info about all political and military axions on the various war fronts. "This was very important in presenting unified, objective information on the Salv people's axions in their struggle for liberation". Climatic condtions also created a problem for audio and xmsn eqp--despite care, the harsh climate meant that eqp had to be replaced. It was practically impossible to repair. This was one of the main problems. On the question of combatting 'enemy interference', they had used two methods: "Firstly, we split our signal whenever we detect the enemy's interference; secondly, we transmit on more than one fq, so that a clean signal is always available when one is being interfered with". RFM could be hrd on fqs close to the 40m/7 MHz band, on the air regularly at 1230, 1830, 0100 (WBI 15/12)

R 15 de Septiembre noted on 5560 at 0300 23/11 claiming to xmit from Nicaragua; unusually weak signals (SWNS) mid-Dec evenings on exactly 7000.0 (gh)

## NORTH AMERICAN PIRATES

V of Larvngitis, new pirate, hrd 14/11 0200-0230 on 7415v. Pop mx, one tune by Bing Crosby. Vy poor audio made copy difficult, plus QRM from Israel-7410. Hrd again 3/12, 1600-1629\* on 15050.9--much better audio this time, and fine S9 sig. Very entertaining pgm. "Barking Seal" int sig, s/on parody based on V of Tomorrow's, followed by "Springtime for Hitler": A couple of fake ads, and 70s rock mx. Also a IX pgm spotlighting the FRG pirate R Valentine, and R Clandestine. Quite enjoyable. 15050.9 pgm was repeated 4/12 0303+ on 7430.1, fair to poor sig. Addr is P O Box 982, Battle Creek MI 49016; include three 20c stamps (Scott McClellan, ibid.)

V of Tomorrow hrd again 25/11 0039-0130 f/out, steady S6 signal on 6240. Entire pgm was some guy (not usual ancr) telling stories, some about the Civil War. Not nearly as hard to swallow as before, but I do think I hrd some racial references. No matter when I hear this, it seems to fade into the noise after a while, and I never have hrd 7410 with any more than a useless signal. Not that I want to listen to what they have to say anyhow... (Scott McClellan, Battle Creek MI)

"WBST"? McLemore's unID on 7430 1/11 was likely the same stn reported in ACE under a number of different callsigns, but WBST was the call most commonly reported. This also likely related to Stephany's unID on 7415, "the laugher", which was also reported using this ID. Certainly not R Clandestine, nor R USA (who doesn't have an AM xmtr)--why assume those when other ID given? Don't expect to find pirates in Broadcasting Annual Directory. If the stn ever comes back, they should give their call phonetically (all the calls reported in ACE rhyme w/WBST, as does "WCFE" reported by McLemore). Also, one reporter to ACE hrd WBST claiming to be in Salem MA, probably due to Halloween. This was a confusing stn! (McClellan, MI)

**"KPRC"** hrd 3/12 0500-0710\* on 1615.9//6240.1. Both fqs peaked at S8, but 1616 steadier --usual phone-in pgm, some anti-nuke talk plugging rallies, told caller that the SW was to hopefully reach EU & USSR. Wishful thinking. Longish mbg began around 0540. Mentd he had s/on at 0240, and that a total of 18 calls were received (McClellan, MI) 6240, 19/12 0419 t/in past 0600, Pirate Joe w/mx and phone loop, G sig; //1616 also hrd (Jon Katz, Earlysville VA, hrd on car radio) KPRC Pirate Radio Central hrd 1616 kHz 21/11 0445 t/in well past 0500 w/ep1 "The Day After" bc. Unfortunately that portion of the KPRC xmsn monitored showed no more intellectual or artistic daring than did the ABC TV producion--e.g., no one suggested that an invasion of Cuba might be the most likely catalyst for WW III. Incidentally, one of those calling into KPRC was a journalism student at Carleton Univ, Ottawa (SWNS)

**"KQRP"**, new stn hrd 4/12, 2055-2145 on 11612.3. Top 40 mx, IDs once in a while by M, ancd power as 10 watts. Called itself a "low power DX bc stn" Poor audio, especially on voice which was severely distorted (Scott McClellan, MI) On 15013, 1901-1930\* 11/12. Light rock and pop w/M giving ID over hum as "...KQRP, low power DX broadcast stn..." No talk other than IDs. Weak to very weak in hvy QRN. Also boring to very boring, hi! (Jon Katz, Earlysville VA)

**R Free Insanity**, 7430, t/in 2143 18/12, mx w/M DJ. Mostly old rock/pop. Xmt off several times. Thought off for good 2255, but hrd again at 2339 recheck. Audio reminds me of WRAM. A R Free Insanity was reported by Mike MacCollum in Sept LN, on 13/8 on 98.7 FM. Did anyone hear on FM this time? G sig w/SP SSB QRM (Jon Katz, Earlysville)

**KQSB Internationals**, USA pirate hrd Sun, 4/12 1919-1926\* on 15050. Rock mx, M ancr w/ two IDs. S/off anmts given over a male/female/kazoo/humming chorus background. Ancr IDed self as "Frank Furter". Gave stn addr for mailing purposes, requesting reception reports should include 3 20c stamps or 2 IRCs in order to rx QSL. Addr given was KQSB P O Box 5074, Hilo HI 96720. Reception was excellent (Ken Cobb, Portland ME)

## LAST-MINUTE INFO

**BRAZIL** Brand new stn on 60m, with ancd power of a mere 200 kW--R Nacional de Manaus, a new Radio-Brás outlet for Amazon basin. Power anmt I don't doubt as peaks pinned my S meter, i.e. more than 30 over 9; but does not splatter and one can tune in fqs  $\pm$  5 kHz from 4845, the only fq they announce; I'd say they're here to stay. First noted 0920 18/12. The very hard to get R. Clube Goiânia, 1 kW on 11735, has been propagating, hrd at 0930 ID & from 0905 to 0920 19/12, 2+3+422, many, many, many Clube IDs, ments of Mato Grosso & Goiânia--mx is the typical MG PT ranchera mx. Only 2nd time I hrd this; its early s/on (unknown, but before 0905) helps (Maxfield Greenwood, Sedgwick ME)

**ECUADOR** At 1100 on 5040 while waiting for a strong carrier w/hum to IB, was pleasantly surprised to hear s/on under the carrier (and sort of squashing and distorting the s/on stn) -- R Nacional Espejo. I have never logged this one before. Consisted of a M & W IDs and mx, brief bit of Ec mx, 31+422 and gone by 1120, (Maxfield Greenwood, ME)

## UNIDENTIFIED

**9788** at 0255 14/12, G sig, maybe slavic lang, just few words, then NA, 0257\* (Chuck Oliver, TX) Likely Tirana  
**9575** Saipan? Hrd unID test 1340 25/10 only, instl pop mx to 1353\* abrupt s/off; very strong, but no anmt or ID; not hrd again & Moscow now here since 1/11 (Ernie Behr) Recent info indicates FEBC still not on the air. Maybe RCI? (gh) **6850** 0120 29/11, Dutch, M mentd Nederland once, America several times; excerpt of light mx 0129, 0130 off. VG sig, didn't get ID (Chuck Oliver, TX) Very likely R Vrij Suriname (gh) **6800** 0245 6/12, Radio --- in SP; M & W ancr, mily mx between short speeches; surely a CAM cland (Oliver, TX) **6715** wx stn, 0230 7/12 in EG, but can't make it out; any idea? (C. Oliver, Spring TX) **6545** 17/11 0304, man singing Kenny Rogers' "Lady" but seems in forn lang, pulled switch during song at 0306, G sig (Oliver) **6175** CH pgm & mx 1430-1505 f/ out 6/11, G sig; can David Newkirk check this out? [a month later:] Still here 1/12, 1330-1530\*; Dec LN-19 shows Shaanxi PBS on 6176 to 1520\*, but unID is much stronger than most local PBS outlets and has a more 'western' pgm sound (Ernie Behr, Ont) Maybe Malaysia? (gh) **4862v** 24/10 Af mx, PT anmt 0315-0400 f/out; 27/10 on 4862.5; Mozambique? (Behr) **4753** mystery stn, \*2055 daily, mx, militant drums, Arabic type ID, seems AR or dialect; distinct word "Uganda"; then "R. Eritrea"; "R. Dua Bida", commentary, AR mx, IS as before w/militant drums, 2230 off. Hrd for past 2 weeks (Maxfield Greenwood, Sedgwick ME, 16/12)

**PUBLICATIONS** List of about 100 AIR stn addrs & v/s, for 6 IRCs by airmail from IDXCI, GPO Box 646, Calcutta 700001, India (Tripti Ranjan Basu, IDXCI) December Review of International Bcing has 6-page Report from Perú by freq from J.C. Codina; 6½-page illustrated DXer's Tour of Guatemala, by Don Moore. Samples \$1.25 from gh, same addr as LN.



**BRASIL:** Radio Rural 4765 p/d ltr. in 5 wks. for a PT rpt. w/ tape and ms. v/s Dom Tiago Ryan, Bishop. (Sgrulletta-NY). p/d ltr. in 1 mo. for a PT rpt. and 1 IRC. You can write this station in EG (Gliksman-IL). Radio Marumby 9675 f/d "Fort" cd. in 3 wks. for a PT rpt. v/s Claudio R. Moraes. (Field-MI). Radio Timbira do Maranhao 15215 f/d cd. w/ personal ltr. in 17 mo. for a PT rpt. and ms. v/s Joao Ferreira, International Correspondent. (Lazarus-LA). Radio Nacional de Porto Velho 4945 f/d prepared cd. in 3 wks. for a PT rpt. and ms. QSL came from Radiobras in Brasilia. v/s Jorge Alberto Scandiu-zzi, Chefe do Departamento de Eng. (Lazarus-LA).

**BURUNDI:** La Voix de la Revolution 3300 p/d B&W "Logo" folder cd. in 29 ds. after a f/up rpt. in FR for 2 IRCs. (Streeter-NY).

**BYELORUSSIAN SSR:** Radio Moscow via Minsk 15150 f/d cd. in 61 ds. Schedule rcvd. (Pate-MD).



**CAMEROON:** Radio Buea 3970 p/d large "Map" cd. in 9 wks. for 1 IRC. v/s Amos Evambe. (Gliksman-IL). Radio Douala 4795 f/d "Map" cd. in 10 wks. for 1 IRC. (Gliksman-IL). same in 91 ds. for an EG/FR rpt. and ms. (Reinstein-FL).

**CANADA:** CFXP 6030 via Calgary "Downtown Calgary" cd. w/ sticker and coverage map in 3 wks. for ms. (Orcutt-NY). CFCX 6005 f/d "Montreal Skyline" cd. in 58 ds. (Reinstein-FL).

**CHAD:** Radio Moundou 5286 f/d ltr. in 52 ds. for a FR rpt. v/s Dorong Guela. (Barto-CT).

**CHINA, PEOPLES REPUBLIC:** Radio Beijing 15520 f/d "Logo" cd. in 27 ds. w/ sticker and book markers. (Whalen-FL). f/d "Peihai Park" cd. in 1 mo. for 2 IRCs. (Loudell-TN). 17855 f/d "Kunming Lake" cd. in 25 ds. w/ stickers. (Talbot-ALB). BPM 10000 Shaanxi Astronomical Observatory f/d "Clock Logo" cd. in 6 mo. for 3 IRCs. (Loudell-TN).

**COLOMBIA:** Emissora Armonias del Caqueta 4915 p/d "Logo" cd. in 2 mo. for ms. and a SP rpt. v/s P. Alvaro Serna Alzate, Director. (Palmerheim-MN). Radio Macarena 5975 f/d cd. w/ ltr. in 2 mo. for a SP rpt. & ms. v/s Enrique Zambrano Nieto, Gerente. Sticker rcvd. (Orcutt-NY). f/d cd. in 45 ds. for a SP rpt. Sticker rcvd. (D'Angelo-PA).

**COSTA RICA:** Radio Impacto 6150 f/d prepared cd. w/ postcard in 6 mo. \* for a SP rpt. and ms. v/s Helberth Vazquez Viquez. (Lazarus-LA).

**CZECHOSLOVAKIA:** Radio Prague 5930 and 7345 f/d "Timber Cottage" cd. in 27 ds. (Whalen-FL). 6055 and 9630 f/d "Gelders Cottage" cd. in 20 ds.

**DENMARK:** Radio Denmark 15165 f/d "Flowers" cd. in (Whalen-FL). 19 ds. for 2 IRCs. v/s B. Baug. (Whalen-FL).

**DJIBOUTI:** Radio Djibouti 4780 p/d B&W

\* "Logo" cd. in 1 mo. for a FR rpt. and 2 IRCs. 20kws. (Lare-MI). same in 3 wks. for a FR rpt. (Field-MI).

**DOECANESE ISLANDS** (Rhodes): VOA 15305 f/d "Golden Gate Bridge" cd. in 60 ds. (Lare-MI).

**DOMINICAN REPUBLIC:** La Voz del CID 11700 via Radio Clarin f/d cd. in 142 ds. for a SP rpt. tape and ms. QSL mailed from Apt. 8130 (1000), San Jose, Costa Rica. (Carle-

\* ton-ONT). Radio Earth 11700 via Radio Clarin n/d "Harbor" cd.

in @1 mo. for 2 IRCs. (Orcutt-NY). f/d cd. in 6 mo. for

2 IRCs. v/s Jeff White. (Lare-MI). p/d cd. in 150

ds. (George-NC). f/d cd.

in 130 ds. for first day

vroadcast. (Gavaras-MN). in 157 ds. for 2 IRCs. (Pate-MD)

**ECUADOR:** HCBJ 15155 f/d "Pifo Antenna Farm" cd. w/ schedule

in 53 ds. v/s Roger Stubbe. (Cones-VA). 26200 f/d

"100 watt transmitter" cd. in 22 ds. (Dillaman-OH). 11910

f/d "1982 Alfombrilla" cd. in 55 ds. for ms. (Park-HI).

6095 f/d cd. in 1 mo. for ms. (Loudell-TN). Radio Quito

4920 n/d folder cd. in 1 mo. for a SP rpt. and 2 IRCs.

(Loudell-TN). Radio Rio Amazonas 4870 n/d ltr. w/ sticker in

190 ds. for a SP rpt. and ms. v/s Prof. Mareo Diaz D., Gerente.

\* (George-NC). Radio Pillaro 4995 f/d cd. for 1972 reception. v/s

Angel Gonzalo Salazar, Director. (Field-MI).

**EGYPT:** Radio Cairo 9475 f/d "Mosque" cd. w/ postcards in 4 mo. for

\* 3 IRCs. (Loudell-TN). Radio Vatan 15555 and 9030 n/d red, white &

green cd. in 3 mo. (Field-MI).

**ENGLAND:** VOA 21500 via Wooferton f/d cd. in 14 ds. (JHS-SWC-NY)

Thats a Jr. High SW Club via Barabas).



via  
Jonh H.  
Bruckner

**NPK**  
RADIO NORWAY



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This QSL Card confirms your reception of Radio Earth, via Santo Domingo on 11.7 MHz. Jeff White via Don Hosmer Radio Earth Box 69 Miami, Florida 33243 USA

ENGLAND: VOA 15205 f/d cd. in 34 ds. (Whalen-FL). BBC n/d cd. in 26 ds. w/ schedule (Dillon-PA). Radio Northern Hemisphere



6307 f/d cd. for SASE in 3 wks. Rcvd. station info. personal ltr. This station is part of the Radio Apollo network. I was listening to their Eskimo Service! Hrd. while in the UK. (Bolitho-ONT).

ESTONIAN SSR: Radio Tallinn 5925 f/d cd. w/ pennant and schedule in 38 ds. (Kapinos-MA).

EUROPEAN RUSSIA: Radio Moscow 17700 via Serpukhov f/d cd. in 35 ds. (Lare-MI).

FEDERAL REPUBLIC OF GERMANY: Deutsche Welle 15150 via Julich f/d "30th Anniversary" cd. in 44 ds. (Talbot-ALB). n/d "Monitor" cd. for various frequencies in 6 wks. (Loudell-TN). Sudwestfunk 7265 p/d "Earth from Space" cd. in 5 1/2 mo. for 3 IRCs. (Loudell-TN).

FINLAND: Radio Finland 15400 and 21475 ltr. w/ n/d "Taivalahti Church" cd. in 1 mo. for 2 IRCs. v/s Juhani Niinisto. (Whalen-FL)

FRANCE: Radio France International 21620 f/d "50th Anniversary" cd. w/ pennant and schedule in 55 ds. (Kapinos-MA).

GABON: La Voix de la Renovation 4777 via Libreville p/d "Map/Logo" cd. in 153 ds. for a FR rpt. (Reinstein-FL).

GERMAN DEMOCRATIC REPUBLIC: Radio Berlin International 9560 f/d cd. in 23 ds. (Kapinos-MA). f/d "Rotes Rathaus" cd. in 71 ds. w/ schedules. (Dillon-PA).

GHANA: Ghana Broadcasting Corp.

4915 f/d "Logo" cd. in 53 ds. for a taped rpt. and ms. (Sgrulletta-NY). same in 323 ds. for 2 IRCs. (Pate-MD). 3350 via Ejura f/d "Logo" cd. in 220 ds. v/s Mick Touele. (Reinstein-FL).

GUAM: Trans World Radio KTWR 9590 f/d "5th Anniversary" cd. w/ sticker in 1 mo. for ms. (Loudell-TN).

GUYANA: Guyana Broadcasting Corp. 5950 f/d ltr. in 29 ds. for 1 IRC. (Cones-VA).

HAWAII: WWVH 10000 f/d "Outrigger" folder cd. in 14 ds. v/s C.L. Trembath, Engineer in Charge. (Barabas-NY). 15000 f/d folder cd. in 17 ds. I verified the time period just before and after the Leap Second of June 30 - July 1st. (Park-HI).

HOLLAND: Radio Nederland 15560 via Lopik f/d "Drawbridge" cd. in 22 ds. (Talbot-ALB).

HONDURAS: Radio Luz y Vida 3250 f/d ltr. in 6 mo. on my 4th try w/ a SP rpt. Reply was in EG from v/s Don Moore, Director. (Field-MI).

HRCV 4820 p/d "Logo" cd. w/ pennant in 3 wks. for an EG rpt. and 2 IRCs. (Loudell-TN). same in 67 ds. for 1 IRC. v/s Cindy Maradiaga.

HUNGARY: Radio Budapest 12000 f/d "Logo" cd. (Talbot-ALB). in 25 ds. w/ schedule. (Whalen-FL).

INTERNATIONAL WATERS: Voice of Peace 6239.5 f/d prepared cd. w/ f/d form ltr. in 35 ds. 400 watts! v/s Stuart Vint, Engineer. (Reinstein-FL).

IRAQ: Radio Baghdad International 9745 f/d oversized "Map/Coast of Arms" cd. in 4 mo. for 3 IRCs. (Loudell-TN).

QSL COLUMN REPORT FORMS ARE AVAILABLE FROM YOUR EDITOR FOR A SASE...Sam

This is one side of the new Polish pennant. It is larger w/ a colored edge and long tassel. Future HAP item..Sam.



Radio Berlin  
International

Die Stimme der Deutschen  
Demokratischen Republik

RBI



Radio France Internationale

**IRELAND:** Radio Dublin International 6910 f/d "Map" cd. in 169 ds. for ms. after 2 f/up rpt. v/s Owen Kennedy. (Carleton-ONT). f/d cd. in 27 mo. for 2 IRCs v/s Mary Reynolds. (Streeter-NY). World Music Radio via Radio Dublin International 6910 f/d "Logo" cd. w/ schedule in 19 ds. for 3 IRCs. v/s Lee Alvin. (Whalen-FL). f/d "Sun Logo" cd. w/ sticker in 20 ds. for 2 IRCs. (Cones-VA).

**ISRAEL:** IBA 9815 f/d "Logo" cd. in 2 1/2 mo. for 2 IRCs. (Loudell-TN). 11655 f/d "Map" cd. w/ schedule in 70 ds. (Dillon).  
**ITALY:** RAI 9575 f/d "Centenary of Garibaldi's Death" cd. in 6 mo. for 2 IRCs. (Loudell-TN). 11800, 9575 and 7235 f/d "Art" cds. in 49 ds. (Barto-CT).

**JAPAN:** Radio Japan 17825 f/d "Danzan Shrine" cd. in 45 ds. w/ schedule. (Dillon-PA).

**KAMPUCHEA:** Voice of the People of Kampuchea 9695 f/d ltr. in 27 1/2 mo. for an EG rpt. (Kapinos-MA).

**KAZAKH SSR:** Radio Moscow 11770 via Alma Ata f/d "National Economic Exhibition in Moscow" cd. in 50 ds. (Cones-VA). same in 53 ds. (Dillaman-OH).

**KOREA, PEOPLES REPUBLIC:** Radio Pyongyang 9745 f/d cd. in 209 ds. on my 4th try. (Carleton-ONT).

**KOREA, REPUBLIC OF:** Radio Korea 15575 p/d "Seasonal Scenery" cd. in 66 ds. for 1 IRC. Pennant rcvd. (Caravan-PA).

**KUWAIT:** Radio Kuwait 11675 via Sulabiya f/d folder cd. w/ 2 IRCs. v/s Jawad Al-Mazeedi, Chief Engineer. Tape of Kuwaiti folk music rcvd. (Kacir-MI).

**LIBERIA:** ELBC 6090 f/d "Sound of Progress" cd. in 54 ds. for ms. (Carleton-ONT). 3255 same cd. in 2 mo. for a tape and ms. (Sgrulletta-NY). in 39 ds. for 1 IRC. (Dillaman-OH). VOA 15600 f/d "Golden Gate Bridge" cd. in 13 ds. (Caravan-PA). in 10 ds. (Dillon-PA). same in 48 ds. (Brouillette-MO).

**LIBYA:** Radio Jamahiriya 11816 "Logo" cd. via Malta in 46 ds. for 2 IRCs. (Church-VT). f/d cd. in 22 ds. v/s Mohammed Sweidan Sweidan. (Brouillette-MO). f/d cd. in 1 mo. for 2 IRCs. (Loudell-TN). f/d cd. in 1 mo. (Field-MI). cd. in 47 ds. for 2 IRCs. (Pate-MD). f/d cd. in 4 mo. for 3 IRCs. (Kacir-MD). p/d ltr. in 63 ds. for 1 IRC. (D'Ang).

**LUXEMBOURG:** Radio Luxembourg 6090 "Studio" cd. in elo-PA) 31 ds. (Church-VT). n/d "Staff" cd. in 19 ds. (Whalen-FL).

**MALAGASY REPUBLIC:** Radio Nederland 11740 f/d "Drawbridge" cd. in 38 ds. (Talbot-ALB). 15560 f/d "Flevo" cd. in 6 wks. for 2 IRCs. (Loudell-TN).

**MALTA:** Radio Mediterranean 6110

f/d cd. w/ ltr. in 43 ds. for a FR rpt. v/s Maurice Pace, Director General. (Barto-CT). Deutsche Welle 9590 f/d cd. in 43 ds. (Caravan-PA). **MONACO:** Trans World Radio 9493 van) f/d cd. in 27 ds. for 1 IRC. (Talbot-ALB). 7160 f/d cd. in 1 mo. (Field-MI).

**MONGOLIA:** Radio Ulan Bator 12070 f/d cd. w/ pennant in 197 ds. for 2 IRCs. (Carleton-ONT)

**MONTERRAT:** Deutsche Welle 9545 f/d "30th Anniversary" cd. in 47 ds. (Talbot-ALB). same in 27 ds. w/ sticker. (Caravan-PA). in 22 ds. (D'Angelo).

**NEPAL:** Radio Nepal 3425 f/d cd. in 2 yrs! via a friend who hand delivered \* my rpt. There is a guard at the station gate. The recent upsurge in QSLs is the result of a young woman who came from the BBC for 3 mo. Thanks for the information. (Brown-NZ).

**THE VOICE OF FRIENDSHIP AND SOLIDARITY**

**NEW CALEDONIA:** Radio Noumea 7170 p/d form ltr. in 1 mo. for a FR rpt. and ms. v/s J. Blasco, Chef Technique. (Orcutt-NY).  
**NEWFOUNDLAND:** CKZN 6160 p/d cd. in 26 ds. v/s D. Uttaro. (Pate-MD).

# RADIO NACIONAL



LA VOZ DE VENEZUELA



VOP

## חרנו לשדר

24 שעות ביממה

1540מק





**NEWFOUNDLAND:** CKZN 6160 p/d "Map" cd. in 21 ds. w/ sticker for 1 IRC. (Dillaman-OH).

**NICARAGUA:** La Voz de Nicaragua 5950 p/d personal ltr. w/ pennant and booklets in 3 mo. for an EG rpt. and 3 IRCs. (Loudell-TN).

**NIGERIA:** FRCN 6050 via Ibadan f/d ltr. in 50 ds. for 2 IRCs. v/s M.A. Ganiyu. (Lare-MI).

**NORWAY:** Radio Norway 15175 and 21730 f/d "Traditional Dress" cd. w/ sticker and schedule in 33 ds. (Whalen-FL). 9610 p/d "Aune-Logo" cd. in 23 ds. w/ sticker and flag. (Bruckner-NJ). 15175 f/d "Romsdal Costumes" cd. w/ sticker and schedule in 16 ds. (Barabas-NY).

**PARAGUAY:** Radio Nacional 9735 n/d ltr. in 6 wks. via registered mail for a SP rpt. and 3 IRCs. (Loudell-TN). p/d ltr. in 41 ds. for a SP rpt. and 1 IRC. v/s Carlos Montaner. (Cones-VA).

**PERU:** Radio Imagen 5035 p/d plain white cd. in 1 yr. for a SP rpt. and 1

IRC. v/s V. Daniel Corol Perez, Gerente General. Also rcvd. personal ltr., business cards and postcards. (Gliksman-IL). f/d cd. w/ personal ltr. in 8 mo. on my 5th try for a SP rpt. (Field-MI).

La Voz de la Selva 4825 f/d ltr. in 55 ds. for a SP rpt. v/s Enrique Castro Iglesias, Gerente. (Barto-CT). Radio Pampas 4855

\* f/d ltr. for a SP rpt. v/s Luis F.D. Mestre. (Field-MI). Radio Inca

del Peru 4762 p/d cd. in 82 ds. for a SP rpt. and ms. a very beautiful pennant was rcvd. v/s Augusto S. Irei S., Director Gerente. Addr: Av. Arequipa No. 2469, Lima 14. (Streeter-NY). Radio

\* Quillabamba 5025 f/d prepared cd. in 36 ds. for a SP rpt. and ms. (Choroszy-ME)...Very nice selection...Sam.

**PHILIPPINES:** Radio Veritas Asia 15195 f/d cd. in 47 ds. for 3 IRCs.

Also rcvd. schedule and sticker. (Kapinos-MA). YOA

15290 via Tinang f/d "San Diego" cd. in 16 ds.

(Kapinos-MA). FEBC 11890 f/d

"Morse Code" cd. in 36 ds. for 1 IRC. Also rcvd. schedule and pennant. v/s Henny Gray, QSL Secretary. (Talbot-ALB).

**POLAND:** Polskie Radio 9525 f/d "Warsaw - Old Town Market Square" cd. in 30 ds. (Barto-CT).

**PORTUGAL:** Radio Portugal 6060 f/d cd. in 24 ds. w/ schedule. (Kapinos-MA). Radio Renascenca 11730 p/d cd. in 136 ds. for 2 IRCs. (Kapinos-MA).

**RWANDA:** Deutsche Welle 9565 f/d "30th Anniversary" cd. in 44 ds. (Talbot-ALB). 21600 same cd. in 50 ds. (Choroszy-ME).

**SCOTLAND:** Radio Freedom International 15040 f/d "Bird in Hand" cd. in 21 ds. Ltr. w/ stat-

\* ion history also rcvd. v/s Allan Kidd, D.J. Addr: Dept. R, 67 Elm Row, Edinburgh, EH7

\* 4AQ. (Reinstein-FL). f/d "Logo" cd. in 22 ds. for 2 IRCs. (Krueger-FL). Radio Lynda 6243

\* f/d cd. w/ personal ltr. in 7 wks. for a SASE. Hrd. in the UK. (Bolitho-ONT). Radio

Stella International 7319 f/d cd. w/ station information and personal ltr. in 6 wks. for a SASE. Hrd. in the UK. (Bolitho-ONT).

**SOUTH AFRICA:** Radio RSA 6020 f/d "Sailboat" cd. in 2 wks. for 2 IRCs. (Loudell-TN). 3230 f/d cd. in 25 ds. (Kapinos-MA). 9615 f/d "Ebenezzer Dam-Transvaal" cd. in 13 ds. w/ pennant and sticker. (JHS-SWC-NY). Radio Five 3250 f/d cd. in 28 ds. w/ sticker for 1 IRC.

v/s Colin Miller. (Cones-VA).

**SPAIN:** Radio Exterior de Espana 9630 f/d "Picasso's Palomas" cd. w/ sticker and pennant in 10 ds. (Barabas-NY).

**SRI LANKA:** Radio Monitors International via SLBC 11835 f/d

yellow "Logo" cd. in 42 ds. via Poona, India Addr. v/s \* Adrian Peterson, DX Host. (Reinstein-FL). Adventist World Radio 15120 f/d green "RMI" cd. w/ "1983 Special QSL for 60th Anniversary Contest/AWR-Asia" in 18 ds. (Park-HI).

\* HAP-India via AWR 15120 f/d "Special QSL" w/ RMI cd. in 18 ds. for 2 IRCs. v/s R. Shreedhar, Director

HAP-India and Adrian Peterson.

\* (Park-HI). IDXC1 via AWR 15120 f/d

"IDXC1 QSL" in 18 ds. for 2 IRCs.

(Park-HI). SLBC 11835 f/d "Antenna" cd. in 82 ds. for a taped

rpt. v/s Mr. Nandana Karunanayake, Director of Audience Research. (Carleton-ONT).

**SUDAN:** Radio Omdurman 5039 n/d ltr.

\* in 20 ds. for an EG rpt. (Reinstein)

**SWAZILAND:** Trans World Radio 3200 f/d

folder cd. in 39 ds. (Barto-CT).



POLSKIE RADIO

Mikolaj Kopernik 1473-1543



**SWAZILAND:** Trans World Radio 7295 f/d cd. in 55 ds. for 2 IRCs. v/s Thomas F. Fulghum, Director of Communications. (Dillaman-OH).

**SWEDEN:** Radio Sweden International 11705 f/d "Logo" cd. in 22 ds. (Barto-CT).

**SWITZERLAND:** Swiss Radio International 9725 f/d "Studio" cd. in 22 ds. (Barabas-NY). same in 22 ds. (Talbot-ALB). 11715 f/d cd. in 21 ds. w/ schedule. (Dillon-P).

**TADZHIK SSR:** Radio Moscow 15520 via Dushanbe f/d cd. in 51 ds. (George-NC).

**TAIWAN:** Voice of Asia 5980 "Three Dynasty Generals" cd. w/ pen in 45 ds. (Krueger-FL).

**TANGIER:** VOA 5460 f/d cd. in 12 ds. (Barto-CT). 15205 f/d cd. in 70 ds. for a taped rpt. and ms. pin and FDC rcvd. (Carleton-ONT).

**TANZANIA:** Radio Tanzania 5050 cd. in 88 ds. v/s E.M. Fqui. (McDaniel-IN).

**TIMOR:** RRI Dili 3305 n/d "Map" folder cd. in \* 664 ds. after 2 f/up rpt. in IN for ms. v/s Harry A. Silalahi, Head of Programs. (Wilkins-CO).

**TOGO:** Radio Togo 5047 f/d "Map" cd. in 270 ds. for a taped rpt. and ms. (Pate-MD).

**TURKEY:** Voice of Turkey 9515 and 11755 f/d "Ephesus-Izmir" cd. w/ sticker and pennant in 18 ds. (Whalen-FL).

**TURKMEN SSR:** Radio Moscow 15540 via Ashkhabad f/d cd. in 53 ds. (Dillaman-OH).

**UKRAINE SSR:** Radio Moscow via Lvov 11720 f/d cd. in 43 ds. (Choroszy-ME). 15100 f/d "Rowing Canal" cd. in 65 ds. (Brouillette-MO).

**UPPER VOLTA:** Radio TV Voltaique 4815 f/d form ltr. and schedule in 16 wks. for a FR rpt. and 2 IRCs. (Wilkins-CO).

**USA:** WV 10000 f/d folder cd. in 16 ds. v/s

...if we walk in the light, as  
 he is in the light, we have  
 Fellowship one with  
 another and  
 the Blood of  
 Jesus Christ... Cleanses  
 us from all sin.

**RADIO INTERNATIONAL**  
 BOX 1 VALENZUELA, MANILA, PHILIPPINES

## RADIO TANZANIA



via McDaniel

DAR ES SALAAM

John S. Milton, Engineer in Charge. (Barabas-NY). same cd. in 8 ds. (Hosmer-MI). WRNO 17775 p/d cd. in 67 ds. for ms. Sticker rcvd (Park-HI). 9705 f/d "Logo" cd. in 57 ds. (Dill on-PA). WYFR 11875 f/d "Logo" cd. in 29 ds. (Talbot-ALB). KCEI 9615 f/d "Logo" cd. in 17 ds. v/s Jesus C. Elizondo. (Barto-CT). WINB 15145 f/d cd. in 10 ds. v/s J. Thomas. (Huniwell-NJ). f/d "Logo" cd. in 12 ds. for ms. v/s John Norris, V.P. (Brouillette-MO).

\* VOA 9505 via Dixon f/d cd. in 13 ds. v/s Douglas Mills. (Hosmer-MI). 21485 via Bethany f/d cd. in 52 ds. (Cones-VA). 26000 f/d cd. in 22 ds. (Hosmer-MI). 21460 via Delano f/d cd. in 55 ds. (Cones-VA). same in 8 ds. (Huniwell-NJ). KFAT 7419 f/d "FAT ONE" cd. in 22 ds. for ms. v/s Fred Oyster. (Wilkins-CO).

\* Radio Cuba Libre 6990 f/d cd. in 40 ds. for a SP rpt. and ms. (Gavaras-MN). Radio Antonio Guterres via LVDC 7355 f/d cd. via Costa Rica for a SP rpt. and ms. (Gavaras-MN).

\* KPRC 6210 and 1616 f/d "Tower" cd. in 21 ds. for a SASE. Postmark was from Middlesex-Essex, MA. (D'Angelo-PA). The Crystal Ship 7425 f/d cd. in 61 ds. for a SASE. Postmarked from Farpo, ND. (D'Angelo-PA).

Radio Ignacio Agramonte via LVDC 5106 f/d cd. in 15 ds. for a SP rpt. and ms. via the Costa Rican addr. (Gavaras-MN).



USA: Radio Jose A. Echeverria  
via LVDC 7465 f/d cd. in  
25 ds. for a SP rpt. and 3  
IRCs. via Costa Rica. (Gav-  
aras-MN).

USSR: Radio Moscow 11840 cd.  
in 77 ds. (Dillon-PA).

VENEZUELA: Radio Lara 4800 f/d  
"Studio" cd. in 5 wks. for  
a SP rpt. (Plum-NJ). Radio  
Antonio Maceo 4980 via Ecos  
del Torbes f/d cd. in 20 ds  
for a SP rpt. via Costa  
\* Rica. (Gavaras-MN). La Voz  
del CID via Radio Tachira  
4830 f/d cd. in 12 ds. for  
a SP rpt. (Field-MI).

WEST IRLAND: RRI Sorong 4875  
f/d cd. in 3 mo. for an EG  
rpt. and 3 IRCs. v/s A.F.C.  
Usmany. (Loudell-TN).

YEMEN ARAB REPUBLIC: Radio  
Sana'a 4853 f/d form ltr. in 56 ds. (D'Angelo-PA).  
ZANZIBAR: Radio TV Zanzibar 3339 p/d ltr. in 3 yrs!, one month  
after a f/up rpt. sent via registered mail w/ ms. v/s Mrs.  
\* Tatu A. Abdalla, Director of Information and Broadcasting.  
The QSL suggests that RTVZ would appreciate reception tapes  
for their library. (Bolitho-ONT)...Very nice!

This month we had 99 countries reported with some extremely inter-  
esting QSLs. Good going!

If you noticed I changed this months Column a bit. I tried to  
place the illustrations along with the QSLs. At least some of them  
are done this way. The Column may be a bit short of information because  
it was typed about a week in advance due to the mail rush at this time of the year. Next  
month we should have a great deal to report...Sam.

NOTES: Peter Dillon of Philadelphia, PA. sent along a copy of a reception report form that  
he uses. It is somewhat modeled after the RadioBras form. Joe Talbot of Red Deer,  
Alberta has been working 12 - 16 hours a day for 6 days a week as a roughneck on an oil  
drilling rig! Quite a job. Glad I'm back in Connecticut. Hi! Terry Krueger  
made an excellent suggestion that, in truth, I've been pondering for quite some time.  
Starting with the next issue I'll be listing the clandestine stations under a separ-  
ate section for future cross-reference purposes. This should eliminate much of the  
guess work for the LVDC stations and the Cubans among others. Steve Reinstein says  
that the QSLs are rather slow in arriving. No kiddin. Hi! Maybe they will arrive  
faster if we increase the postal rates! Ted Garley of Beaumont, TX. uses a Kenwood  
R-600 as a receiver with a loop and long wire antenna. Like to thank Don Hosmer for  
his kind words and letter of support. Same goes to Jean-Pierre Caravan of Allentown,  
PA. John Sgrulletta of NY. sent a copy of a QSL he received from VR6TC in the Pit-  
cairn Islands! Nice catch John!

## Certificado de Sintonia

Radiodifusora la estación de la "LIBERTAD/LIBERTY"  
Transmitiendo desde: Territorio Argentino  
Frecuencia de: 17740 kc/s, banda de 16 metros  
Potencia: vatios  
Horas, fecha: 0000-0021 (hora de Greenwich)  
17 de Mayo de 1982



Hemos comprobado sus detalles  
de recepción, y confirmamos  
que la emisora sintonizada es  
la nuestra.

Via Terry Krueger

104 (R) Dr. EDUARDO MAURISTIA MARITE IRIGO  
JEFE DE DIVISION  
DIRECCION GENERAL DE DEFENSA NACIONAL



## Radio Freedom International

Dept. R 67 Elm Row Edinburgh Eh74AQ  
Scotland



To: Terry L Krueger  
Date: Nov 13, 1983  
Time: 1146-1200 GMT  
Frequency: 15040 kc/s  
Power: 30 watts DC input

QSL

That's about it  
for this time.  
Best of the DX  
to all of you in  
1984.

*Sam*

# update

January 1984\*\*\*Number 154

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

UPCOMING DEADLINES: 10 January (Mid-January) 21 January (February) 10 February (Mid-Feb)

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

**ALASKA** KNLS, 6170 $\frac{1}{2}$ , in passing at 0955 w/ big band mx, EG ID and address followed by RS at top of hour. Fair sig but must notch out het. (Ralph Perry, TX 11-16)

**ALBANIA** R. Tirana, 11985, in EG 0935-45; fair. ID, world mx, ID, mx and then "The Youth of Albania." (Ron Trotto, FL 12-16)\*\*\*lists as to Australia. tba

**AUSTRALIA** RA, 6045, in EG 0920-30; mx, W anncr, more mx, ID, talks, ID and talk on record sales in Australia. Good. (Trotto, FL 12-12)\*\*\*Am hearing this as late as 1630 at good levels these days. tba

**CANADA** CFRB, 6070, in EG 0810-30; mx, talks ID, and prgm called "Let's Discuss It," w/ Helmut Schmidt. (Trotto, FL 12-12)

**CHINA** RB, 9860, in EG to 1030\*. ID, freqs, and s/off proceedings by W. (Trotto, FL)

**CLANDESTINE** R. Ignacio Agrazmonte, 5106, in SP 0403 11-15, and 0255-0325 11-16. Of the CID network, but w/ UnID QTH and very fady signal. Prgm at 0300 "Cuba Para los Cubanos." Frequent IDs for stn and net. (Ralphus, TX)+++R. Farabundo Martu, 6900-60v (started at 6930), in SP 0105-30\*; all talk and best ever. Went past 0130 on 12-11. (Marlin Field, MI)+++R. Miskus, 6965, in SP \*0200-0330\*. Good. Usual format but did notice "Battle Hymn of the Republic" at 0215. (Field, MI 12-9)+++R. Venceremos, 7005, in SP 0319; usual format and ID 0330. (Field, MI 12-9)+++R. Antonio Guitarras, 7352, in SP 0200-30; CID network, unID QTH only fair signal but not audible until WRNO 7355 pulls plug on this freq 0200. Panorama Mundial heard. Fuzzy modulation on this one. (Ralphus, TX)+++R. Frank Pais, 7400, in SP 0330-0400 11-16; extremely powerful signal and vy good modulation. CID network, unID QTH. Prgm "Se Llam Jose Marti," w/ 2001 theme. 0330 prgm of "El Mundo de Hoy." Also some sort of a satirical review. Ex-7410? (Ralphus, TX)+++R. Jose A. Echeverria, 7464.3, in SP 0009-0155; superb sig w/ only slight distortion. Testing at first I think as prgm aminly seemed Cuban melodies (or was it Musica Libre?) versions of old US pops. "Chica" was name of version of Gary Puckett's oldie, "Young Girl." Later into real prgm. "Se Llama Jose Marti," just starting at t/out. IDs: Esta es Radio Jose Antonio Echeverria de la cadena radial." (Ralphus, MI)

**ECUADOR** LV Rio Carrizal, 3260.8, in SP 0318-26\* after full ID, freq anncmt, HC NA. Fair. After this one gone and out of the way noted a weak LA on 3260 exact at around 0330 much too weak to work with, but hoping for Oxapampa and watching . . . (Ralphus, TX)+++HCJB,

6070, in Quechua, \*0900-05; IS(?), ID, TC, M anncr, covering CFRX. (Trotto, FL 12-22)

**FRANCE** RFI, 9545, in EG 0415-30; poor. Nx headlines and anncmt that some nx would not be heard because of technicians strike. (Trotto, FL 12-14)

**GRENADA** 990 MW, "Spice Island Radio," operating 5 hrs daily with no SW. As earlier reports had indicated, this is totally separate from R. Free Grenada, whose facilities were razed by US bombers early in the invasion. US Navy has a 12 man team operating stn out of studio mobile unit parked at back of unfinished Point Salines airport. One room studio is in back of Navy truck housing two generators. Format initially all calypso and reggae but now playing C&W and US rock too. Station was brainchild of US Army Psychological Warfare Operations (PSYOPS) section. Nx reports based on wire services, gov't releases and old Barbados newspapers. S/on anncmt "This is Spice Island Radio. We broadcast daily to keep you informed and provide assistance. We will be a consistent source of factual information. We will tell you the truth and bring you the facts as we learn them. They may be favorable or unfavorable, but we will tell you the truth." Reminiscient of VoA's initial b'cast, isn't it? Picked 990 since this was RPG's 75 kW 24 hour channel, where populace was "used to listening." Too bad they didn't follow the same logic on SW. (Ralphus)

**HAITI** R. 4VEH, 4930, various times w/ religious prgms, including Christmas mx and classical mx. Hrd as early as 1015-1245 and at 0300\*. (Field, MI)---Same 0950-1000, in lang. Christmas Carols, NA, ID and into FR. Good. (Trotto, FL 12-12)

**HONDURAS** R. Luz y Vida, 3250, in SP 0105 12-15; weak, references to Honduras. (Field, MI)

**MEXICO** XEUJ, Linares, Nuevo Leon, 5979, now being noted on this offset freq and hrd very well daily to 2400a s/off. Huge signal though some distortion. Religious prgm from 2345, a transcription from TWR, w/ an address in Pto. La Cruz, Venezuela. At 2356, canned ID and into wobbly recording of Mexican NA. After NA and silent period, OM again, saying, "XEUJ, la primera estacion cultural del Norte de la Republica de Mexico." Asked listeners to tune in again next day. (Ralphus, TX)+++R. Universidad de Sonora, 6115, in SP 1605 11-20 w/ nice sig, speech by M interspersed w/ minute-long cuts of pop/bolero mx. Lots of other XE's in at the same time. (Ralphus, TX)+++R. Universidad de Mexico, 9600.8, in SP \*1400

w/ mx show featuring "Las noticias principales del mundo." Hrd two days and started off weakly on both but then hit stride and got strong as technician tuned up xmt. GMT-6 t/cs. Will see how well this gets through in the "upper 48." (Ralphus, TX)

PERU R. moderno, 6365, in SP \*1056; ID and mx, faded out by 1130. (Field, MI)+++  
R. Tacna, 9505, amazed at how well this one in at 1040 t/in. Prgm w/ folklorico mx, longish ad strings, t/cs. (Ralphus, TX)

ROMANIA RBucharest, 5990, in EG to 0430\*; fair. ID, freq sked, s/off w/ M anncr. (Trotto, FL 12-10)

VENEZUELA R. Nacional, 9540, in SP 1405 on 11-23 w/ prgm on Simon Bolivar; good. (Ralphus, TX)

\*\*\*\*\*

In the feature spot this month are our usual reports from Takayuki Inoue in Japan, and to lead off, this interesting story by way of QSL letters reported by Ralph Perry in Texas:

PERU 5190.6, R. Nuevo Continente, according to QSL letter from Sr. Carlos Justo Rivas Davila, Gerente General, for loggings of 3 and 6 September, the station still has not been able to get back on the air since it blew some tubes on 9-10-83. He sent a grand package: including pic-sked, two page letter, business card, wall poster depicting Cajamarca's tourist week in August and tourist book about Cajamarca. Letterhead indicates 1440 MW and 5060 SW, although stn explicitly confirms operation on 5190. Says 5060 was freq that was initially assigned. Story about their "valves" is a long, sad one. They thought they were buying new but were obviously sold used tubes. Must travel to Lima to buy replacements. When they bought more "new" tubes, these blew out also. Lima distributors refusing to give guarantees, either.

Second letter from Sr. Rivas D. w/ some more fascinating background: Seems transmitter was built by one man, an itinerant xmt builder/repairman from Trujillo who's built many an OA xmt. His name is Sr. Luis Franco, 47, and for the past 23 years he has been blind. Carlos, who is having enough trouble just trying to obtain some replacement tubes for his xmt, says Sr. Franco is a rather inspristional character! RNC is run by a total staff of 5 persons and after the SW blew on 9-10, RNC was back on 5190 kHz for a mere 2 hours on 9 Oct before the tubes blew again. During that time, however, they were logged in Japan! Reports received so far from the USA, Europe (especially Sweden). Right now operating strictly on 1440 MW but hoping to put in FM stereo in Feb/March 1984. Letterhead has been changed to refelct 5190 as well.

\*\*\*A fascinating story, and a great object lesson on the joys of QSLing, I think. Tax OM. tba

\*\*\*\*\*

On to Takayuki's regular report:

COLOMBIA LV del Huila, 6150.1, in SP 0650-0110, fair. Colombian mx and TCs w/ ID. Canned ID 0701: Esta es La Voz del Huila, la radio reloj de Neiva, HJFR 1210 kHz, emisora de la primera cadena radial colombiana, Caracol, Caracol, la gran compania."

Armonias del Caquets, 4915.3, in SP \*1003 w/ orchestral mx. "Que bello amanecer" mx and information prgm. Nx from R. Sutatenza 1130 ("Mundo Noticias"). At 1200, mx prgm, "Correo Caqueta." Canned ID every 30 minutes: "El saldo para Colombia y el mundo entero, Armonias del Caqueta transmitiendo desde Florencia, capital fuerte de la amazonia colombiana, HJVK, 970 kHz, en 30 kv de potencia onda larga canal preferencial y 4915 kHz onda corta banda de 60 metros. Armonias del Caqueta, un faro de orientacion religiosa y cultural en el sur de Colombia."

BRAZIL Radio A Voz de Oeste, 4774.5, in PT 0844-0900 f/out f/p. Local mx and TCs. Often "5 e 50, Radio A voz de Oeste."

R. Universo, 9545, in PT 0855-0906 f/out w/ no QRM. Nice LA mx and nx. ID: "ZYJ219 onda media 1210 kHz, onda curta 49m 6020 e onda curta 25m 11905 kHz. Radio Universo, radiodifusora de Curitiba."

BOLIVIA Radio La Cruz del Sur, 4875.8, in Aymara, \*0950-1130. Strong on USB but QRM from another on 4875. Opening anncmt w/ Hymn: Senoras y senores tengan Uds., muy buenos dias. Radio la Cruz del Sur inicia otro dia de labor desde la Paz, Bolivia en Sud-america. Transmitemos en las siguientes frecuencias: CP27 730 KHz 411m onda media CP75 4875 kHz, 61.54m banda tropical onda corta y CP3 Frecuencia Modulada 95 MHz. Esta emisora es iluminada y la ministradora por la Union Bautiza Boliviana, nuestro proposito proclamar que Senor Jesucristo es el camino, la verdad y la vida. Nuestro direccion en Calle Nicaragua y Cajon postal 1408." Same every 30 minutes.

R. Emisoras Pio Doce, 5954.2, in SP \*0900-1100 in November. Local mx prgm, "Luz en Amanecer." S/on after 3 minute-long opening anncmt. Every 30 minutes ID by W: Transmite Emisoras Pio XII desde Sigro Veinte, Potosi, Bolivia. Al servicio de las mayores nacionales."

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The new year is upon us and once again it is time for me to express to all of you and especially to those faithful ones who contribute frequently or even issue after issue my gratitude and best wishes. Many good times ahead . . . stay tuned.

73. 



# LOG REPORT

## section A

2000 to 4899 kHz

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

**PROLOGUE: CHRISTMAS EVE, 1983.** It's -20 degrees here in Chitown. Windchill, that miserable indicator of just how miserable it is outside is a miserable -72. My new car won't start. I don't have my Hammarlund with me. I'm stuck in an apartment 10 miles from home with no means of returning. And it looks like I'll miss Christmas with the folks. But am I crying? How can I when it's time to type my LR"A" column! Had an interesting month. While Astronaut Owen Garriott W5LFL attempted to establish two-way radio contact with fellow hams on earth, I had an ABC Nightline crew at my house filming me DXing the occasion. My Network TV debut fell through when Garriott didn't transmit...Oh, well. Low bands seem to be picking up, and some interesting logs appear this month. Remember, if you hear something, share it with your fellow NASWA members. Log Report A is one way to do just that!


- \*\*\*\*\*
- 2226.5 SAUDI ARABIA, BSKSA; 2000, AR, 1 px on USB, other on LSB, //2350 but weaker (Wood, Saudi Arabia 11/23)
- 2380 FALKLAND ISLANDS, FIBS; 0006-0136, tnx Palkovic tip, near lcl level w/pop phone-in request px, UK M DJ 'til 0100, fading down by t/out (Krueger 11/26); 2316, EG (Bolland 11/13)
- 2390 MEXICO, R. Huayacoctla; SP, 0020-0104\*, tx by M and YL abt Central America, mention of "Farabundo Marti", s/off anmt at 0101 as, "...onda corta Huayacoctla la frecuencia de 2390 kilohertz, 500 watts potencia ..." (Valko 11/26); outstanding sig, 1400, first noted stn in 1965 (Colos 11/26); 0107\*, piano mx and s/off (Stephany 11/23)
- 2500 JAPAN, JYJ; 1109, CW xmtns (Bolland 12/2)
- 2978 UNID INDO; 1136, IN w/OM, one pop tune and what seemed to be an IN vocal selection by YL, possibly RPDT2/Bulungan, other INDOs noted: 4003/3345/4899/4845/4789 and 6188 (Barto 11/21)
- 3230 LIBERIA, ELWA; 0626, EG, sermon by OM (Bolland 11/13)
- 3230 PERU, R. El Sol de Los Andes; 1015, SP OM/YL, both in rapid pace dialogue, possible nx (Bolland 11/9)
- 3230 TAIWAN, BCC; 1155, CH w/YL, clear ID at 1200, only hrd once before in CT several years ago (Barto 11/25)
- 3240 PERU, R. America; 0353, SP, SAM full ID at 0401 (Bolland)
- 3251 HONDURAS, R. Luz y Vida; 0350, SP, tx px, into s/off anmts, mentions of Tegucigalpa, gave FM freq as 96 MHz (Murff)
- 3255 LIBERIA, ELBS; 0636, EG, full ID followed by mx (Bolland)
- 3260 ECUADOR, LV de Rio Carizal; 0223, SP, folk mx w/OM, ID and TC, 0320\*, NA to 0326 (Stephany 11/18); 0035-0327\*, Andean mx w/similar details to Stephany (Field, Wallace and Atkins)
- 3270 NAMIBIA, R. SWA; 0000, classical mx (Bolland 11/13)
- 3280 ECUADOR, LV del Napo; 1011, mx px (Field 12/3)
- 3285 BELIZE, R. Belize; 0322, EG, American pop mx w/British DJ, 0330, tx/mx px w/OM, //834 (Cunningham 11/26)
- 3289.7 ECUADOR, R. Pan Americana; 1031, SP, OM, comments and mx, ID, more mx at 1101 (Bolland 11/9)
- 3295 NAMIBIA, R. SWA; 0339, Afrik., ballads, EZL mx, classical and disco, even "Little Drummer Boy," ID and poss. nx (Paszkiwicz, Enkenhous, Laskowski, Coles, Bolland, Wallace)
- 3300t BURUNDI, LV de la Revolution; 0355, flute mx, long pause, then "Ici..." and another sentence or two by OM, into Vernacular after short local tune (Wallace 11/17)
- 3310 PERU, R. Bague; 1025, SP, comments, ads, TC and full ID (Bolland 11/9)
- 3316 ECUADOR, R. Pastaza; 0219-0401\*, SP, OM, comments and mx from a weekly Wed. evening live mx px, every so often, a break for commercials from studio (Bolland 11/17); 0320, cmt by OM, ID "R. Pastaza presente..." (Wallace 11/23)
- 3322 NORTH SOLOMONS, R. N. Solomons; 1223, Pidgin, lcl mx, XMAS

- hymn, DJ, 1250, f/out (George 12/7)
- 3325t ECUADOR, Ondas Quevedenas; 0340, SP, Andean mx, 1cl instrumentals, OM w/upbeat tx (Jordan 11/26)
- 3330.8 COMOROS, R. Comoro; \*0300, tnx to tip from David Potter, abrupt s/on w/NA-like orch. mx, brief unintellig. anmt by OM into long Koran recital to 0316, no ID noted but all clues point to Comoros -- perfect grayline path thru Comoro at 0300+ freq 200 Hz below listed 3331 as noted by foreign DXers in 1982, excellent nite for stns from Tanzania, Zanzibar, Kenya, Uganda and Ethiopia, too! (Reinstein and Wilkner)
- 3339 ZANZIBAR, RTZ; \*0257, amazing EAF xondx this note, xylophone IS to 0259, NA to 0300, brief anmt by OM w/mention of Tanzania and Zanzibar, lengthy Koran recital by solo OM, good lvl by 0315 (Reinstein 12/2)\*\*Hey, why don'tcha give me a call then next time these two beauties are in! mln. 0319, continuous comments by OM/YL (Bolland 11/13); 1800, off-air relay of nx from Dar-es-Salaam, off-air modulation, strength could be more than listed 10 kW (Wood 11/22)\*\*Power increase predicted months ago by several sources--possibly 100 kW. mln. 0309, tx in lang by OM (Laskowski 11/8)
- 3365t BRAZIL, R. Cultura Araraquara; 0231, mx, no ID, but fairly good signal (Field 12/2)
- 3366 GHANA, R. Ghana; EG, 0605, nx til 0615, mx later (Bolland 11/13); readable but poor w/EG nx (Coles 11/14)
- 3370 GUATEMALA, R. Tezulutlan; 0213, songs w/tx by OM, IDs, marimbas at 0221 (Jones, McLemore, Pate, Prath, Alexander)
- 3385 INDONESIA, Kupang; 1120, YL, IN, mx and comments, news on half hour preceded by ID as "R. Kupang," (Bolland 11/8)
- 3395 ECUADOR, R. Zaracuy; SP, OM w/ID, mention of Ecuador, lite LA mx (Laskowski 11/22); 0416, "Integrada Musical" px w/OM and several ads, occasional IDs, 0501\* (Stephany 11/5)
- 3480 BOLIVIA, R. Padilla; 0142, local flute mx (Bolland 11/13)
- 3735 CLANDESTINE, V. of the Broad Masses of Eritrea; 1930, AR, ID "Huna Sawt ul Jamaheer al Aritriya," AR nx, //7494 (Wood)
- 3777 IRAN, V. of Islamic Rep. of Iran; 2000, AR, external svc to Iraq, political tx, //15084 (Wood 11/3)
- 3905 PAPUA NEW GUINEA, R. New Ireland; 1137, In w/mx and OM, QRO QRM makes copy difficult (Bolland 12/7)\*\*Signal usually best in April and May here in Chicago. mln.
- 3910 JAPAN, FEN/Tokyo; 1203, EG, OM w/nx and mx at 1205 (Bolland 12/6)
- 3925 PAPUA NEW GUINEA, NBC; 1214, U.S. pops, OM, TC, "19 minutes past 10" 1257, EG, comments and mx, //4890 (George, Bolland 12/7)
- 3975 INDONESIA, RRI/Surabaya; tent. 1201, OM w/comments but quick fade made copy difficult (Bolland 12/7)
- 3975 UNITED KINGDOM, BBC; "EG by Radio", 0700 (Coles 11/14)
- 3995 W. GERMANY, DW; 0350, EZL, IS at 0400 (Jones 11/5)
- 3999 GREENLAND, Gronlands Radio; 1100, orchestral waltz, brief OM tx, 1102, familiar EZL in EG, then ARO QRM (Enkenhus 11/15)\*\*I've heard this one is still off the air. No ID reported, so maybe better to label this one "tent". Keep us posted! mln.
- 4000 INDONESIA, RRI/Kendari; 1200, In w/nx program, OM, also noted INs on 5451, 4789, 4719, 4845, 4875, 4899, 4003, 5259 and an UNID IN on 4449 from 1212-1216 w/OM -- any help from California DXers? (Barto 11/29)
- 4055 USSR, Kalinin; 0413, RS pop mx, listed as M3. No //s found today (Reinstein 12/4)
- 4130 CHINA, R. Beijing; \*2000, EG nx (Wood 11/23)
- 4450 AFGHANISTAN/USSR, RA; 0155, Islamic mx and comments, earlier at 0155, this was simo w/4740 but at 0200, programming was different (Bolland 12/1)
- 4475 GERMAN FED REP., USB feeder, 0230, RS, OM w/nx (Bolland 11/27)
- 4485 USSR, Ufa; ID at 0600 into classical mx (Coles, 11/24)
- 4565 W. GERMANY, R. Liberty; 0625, chants by OM w/occasional chorus (maybe religious px??) world nx at 0630 (Jones 11/6)
- 4656.5 ECUADOR, CRE; 0240, SP, fast-talking OM (sports event??), occasional IDs (Jones 11/10)
- 4607 IRIAN JAYA, Serui; 1234, OM w/tx, "Love Ambon" right before

- 1300\* (Cartwright 12/4)
- 4696.8 BOLIVIA, R. REiberalta; 0155, SP, cont. mx (Bolland 11/13)
- 4699 INDONESIA, RKIP/Surabaya; 1105, OM, IN, no clear ID but definitely in w/tx, some occasional CW QRM (Bolland 11/8)
- 4719 CELEBES, RRI/Ujung Pandang; 1231, IN, tx by OM, nice vocal mx w/frequent interruptions by OM, QRM de UTE (George 11/27); 1055, IN w/YL, IS and chimes at 1059 (Bolland 11/8)
- 4725.5 BURMA, BBS, 1146, occasional comments by OM (Bolland 11/27)
- 4740 USSR, R. Afghanistan; 1222, local vocal mx, IS and 3 pips at 1230 followed by nx (Rigas 11/12); 0150, long Islamic singing, nx at 0200 by OM (Bolland 12/2)
- 4746.5 PERU, R. Huanta; 0951, SP, beautifully in the clear w/Andean mx, ID by OM 0959 (Cartwright 12/3); 0959, many IDs by OM, some really beautiful OA mx w/flutes, couple TCs, call letters given once but missed (Valko 11/20); 1004, mx followed by ID and TC (Bolland 11/22)
- 4750 BRAZIL, Radiodifusora de Maranhao; 0725, new freq, clear ID (Cartwright); 2330, mostly PT pop mx, canned ID at top of the hour, verified as this by J. Moritz (Valko 11/19); 2318, booming in w/pop tunes, OM (Reinstein 11/17); 0245, XMAS mx, ID as "The most powerful radio station in the North" (Smith 12/8); 0206 (Rigas 11/29); 0310 (Bobb 11/26)\*\*UNIDS by Bolland and McLemore are probably this one. mln.
- 4750 CAMEROON, R. Bertoua; 0420, OM w/ lcl group vocals, 1950's Rock and Roll (Jordan 11/17)
- 4750 ECUADOR, R. El Mundo; 0528, SP tx and mx (Pagte 11/20)
- 4762 PERU, R. Inca; 0614, SP, mx, OM, clear ID at 0620 (George 11/13); unbelievable signal w/2 OMs, Andino mx, ID at 0930, px "Reyeces de folklorica del Peru", ads (Stephany 11/10)
- 4765 BRAZIL, R. Nac. Cruzeiro do Sul; 1014, PT, just in w/comments and possible jokes (canned laughter heard in background) (Bolland 11/22)
- 4770 VENEZUELA, R. Bolivar; 0342, OM w/"Laid back" futbol coverage, ID and network promo (Jordan 11/24);
- 47/4.5 JAVA, RRI/Jakarta; 1145, nice signal w/lagu populer to 1156, In tx by OM w/mention of "stasiun...Jakarta"(Reinstein 11/22)
- 4780 DJIBOUTI, RTVD; 0302, easily as strong as YV at t/in but faded fast, Koran 0302 (Atkins 11/10)
- 4780 KARELO-FINNISH S.S.R., Petrozavodsk; 0657, 0657-1200, light inst. mx incl. "Midnight in Moscow" (Cartwright 12/4)
- 4780 VENEZUELA, LV de Carabobo; 0120, SP, OM w/ID and some lovely ballads (Bobb 11/13); 0126, OM w/ID, ads (Plotnick 11/8); 0300, SP, TC, singing ID (McLemore 11/15, Jordan 11/9)
- 4790 PERU, R. Atlantida; 0314, SP, mx by children's chorus, 0316, ID by OM into typical LA mx (Smith 12/8); 0620, lcl folk mx selection followed by OM tx (Jordan 11/13); 0310, speech by wild OM (Jones 11/11); 2300 (Wallace 11/8)
- 4792 ECUADOR, Sistema de Ematalaya; 0310, SP, futbol coverage, one OM w/supersonic play-by-play (Jordan 11/24); 0445, SP, bank ad, HC pop mx, 0502\* (Stephany 11/27)
- 4795 CAMEROON, R. Douala; 2105, EG, Afro nx (Alcorn 12/6); 2158, FR, comments until 2200, then highlight mx (Bolland 11/12); 2105, EG nx by OM, ID as "Int'l Svc of RC" (D'Angelo 11/13)
- 4795 ECUADOR, La Voz de Los Caras; 0230, SP, YL mx, OM comments followed by Tango mx (Bolland 11/22)
- 4800 INDIA, AIR/Hyderabad; 1232-1235, EG nx read by OM, very nice lvl for East Coast. This and Madras on 4920 are noted here almost daily w/poor to good signals (Barto 11/13, 26, 29)
- 4804.4 SAO TOME E PRINCIPE, R. Nac.; 0730, PT, comments followed by more comments (Bolland 11/13) \*\*Didn't list hearing an ID, so best to label this one "tent". By the way, Sao Tome has been noted by several here in Chicago area recently. mln.
- 4810 ARMENIAN S.S.R., Yerevan; 0432, good signal w/RS tx by OM and plano mx, //4990/Yerevan weaker (Reinstein 12/4); 0358, possible ID, 040, 5 time pips, change over to Moscow (Bolland)
- 4810 GABON, Africa #1; 2040, FR, lively singing w/DJ patter (Plotnick 12/8); 2258\* (Bobb, Jordan, Coles)
- 4815 BRAZIL, R. Nac. Tabatinga; 0310, PT, usual ballads by OM/YL vocals, big echo effect IDs and refs to "R. Bras"(Jordan 11/20); 0328, PT, Brazilian ballads (Alexander 12/4)

- 4825 COSTA RICA, R. Columbia; 0340, two OMs w/many IDs, stn promos, plus nx (Jordan 11/20); 0328, vocal mx. (Jones 11/16); 0236, bookstore ad, messages to Costa Ricans (McLemore 11/10) 0321, SP, soccer px (Smith 12/8); 0130, ID (Stanley 11/17)
- 4825 TURKMENIA, Ashkabad; presumed w/RS cmts at 2213-24, Moscow ID at 2217 (Bolland 11/13)
- 4830 VENEZUELA, R. Tachira; 0335, SP, mx, ID (Purdue 11/12)
- 4832 COSTA RICA, R. Relej; 0250, SP, tx, mentions of "CR", LA vocal mx, ID at 0255 (Purdue 11/6)
- 4835 SARAWAK, RMS/Kuching; 1540, Malay, pop mx, ID at 1545, OM w/Koran, into broadcast info, s/off (Sharpe 11/22)
- 4835 SOUTH AFRICA, SABC; 2150, presumed w/light mx, EG YL DJ (Wallace 11/1); 2135, EG, TC, Dvorak symphony (McLemore 11/16)
- 4845nf BRAZIL, R. Nacional de Manaus; 2317, great sig w/nonstop Brasopops px, taped IDs "R. Nacional de Manaus, onda tropical, 4845 kcs, 60 metros...um emissora? radiodifusao de RADIOBRAS." (Reinstein 11/17)\*\*new station R. Nacional de Maranhao 0945-1001, several full IDs, mentions of RADIOBRAS, gave power in many IDs (Cartwright 12/3)\*\*Perhaps the stations being heard are one in the same???
- 4845 COLOMBIA, R. Bucaramanga; 0706, lite pop mx, many IDs, never noted so late (Rigas 11/25); 0438, SP, full ID by OM (Plotnick 11/9); 0346, SP, LA pops, OM DJ, ID (George 11/14)
- 4845t MALAYSIA, RM; 1326, island sounding station coming up past 1315, mixing w/Ambon (Cartwright 12/2)
- 4845 MOLUCCAS, RRI/Ambon; 1137, IN, mostly island mx til 1200 time pips and ID by OM (George 11/27)
- 4850 CAMEROON, R. Yaounde; 2102, EG, OM nx, 2107, ID for Int'l svc of RC, FR by YL after, //9745 (D'Angelo 11/13); 2133, FR DJ w/pop mx, 2200, balafon IS (Enkenhus 11/11)
- 4850t INDIA, AIR/Kohima; very tent., under Tashkent, sometimes equal in strength, 1218-1225, subcontinental inst. and vocals (Barto 11/13)\*\*See below. min.
- 4850t MONGOLIA, Ulan Bator; 1211, tent. w/Asian orch. mx, some CC-mx, some subcontinental stuff -- not Beijing (Reinstein 11/21)
- 4851 ECUADOR, R. Luz y Vida; 1034, SP, Andino mx w/many ads, including some for local merchants and a bank (Stephany 11/11)
- 4853 YEMEN, R. San'a; 0305, chants, RTTY QRM (Coles 11/13)
- 4854 PERU, R. Pampas; 1036, Andean mx, sports, ID at 1042, some UTE QRM (Cartwright 12/3); 1030, OM w/comments and mx, full ID at 1038 (Bolland 11/22)
- 4855 BRAZIL, R. Por un Mundo Melhor; 2204, PT, alternating OM and YL w/mx bridges, several RADIOBRAS IDs (George 11/28)
- 4856t BOLIVIA, R. Cobiya; SP, 0315, long tx til 0348 by M. Lively, LA mx, then ID by same OM along w/TC and possibly the px name, "Buenos Noche Sur America" at 0352. More mx and s/off 0354. Sound like Cobiya?? (Valko 11/11)
- 4860 CHINA, Lanzhou/PPBS; 1022, CH, YL and OM cmt, CH mx on half hour followed by probable ID (Bolland 11/27)
- 4870 BENIN, La Voix de la Revolution; very clear w/FR mx and Cuban mx at 0600 (Coles 11/13); OM tx in lang (Laskowski 11/25); 2220, EZL mx, occ. tx by soft-voiced DJ (Jones 11/13); 0518, FR, OM tx, ID, nx about M.E. (Plotnick 11/9)
- 4870 ECUADOR, R. Rio Amazonas; 0237, several ballads w/guitar, accordian, ID at 0306, NA (Atkins 11/17)
- 4875nf BRAZIL, R. Nac. de Boa Vista; NF for this one, complete taped ID by OM at tune-in w/freq, which I couldn't catch. 2 more IDs, into non-stop ballads, ex-4835, 0230 (Cunningham, Jordan)
- 4885 BRAZIL, R. Clube do Para; 0927, mx, ID, phone-in show, weak and distorted by other stn on freq (George 11/25)
- 4890 PIRATE, R. Clandestine; EG, 0429-0506\*, rock and pop mx by Foreigner, Kinks, test for UFOs, story about man w/rat poison, s/off anmts at 0506 (Valko 11/4)
- 4890 SENEGAL, RS; 2142, FR/Vern, tribal, highlife (McLemore 11/9) 0600, FR, s/on (Coles 11/9)
- 4895 USSR, Ashkabad; 0430, RS, OM/YL nx (Bolland 12/4)

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**POSTSCRIPT:** Oh, I guess I forget to tell you that the apartment I was stranded at was my fiancée's. So instead of Turkey and all the trimmings for XMAS dinner, we had pizza and wine. It was still great. Have a wonderful 1984! 73e and good DX!



# LOG REPORT

## section B

4900 to 6199 kHz

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

4VEH back on 4930, Apintie on 5005, German "Locals" on 6030 and 6085 . . .

- 4900 VENEZUELA R. Juventud, SP talk, LA vocal mx, 0315 on 11-6 (Purdue-MN); US mx, infrequent armts, s/off armt 0349, NA to 0352, vy good as usual on 12-3 (Stephany-NY).
- 4905 CHINA CPBS-Beijing, CH talk by gal at 2205 on 11-17, fanfare, more talks, strung but flutery (Wallace-PA); M&W talking in CH 2230 on 11-26, good sig till s/off after the 2300 pips (Laskowski-IN); pounding in with huge signal 11-22, usual pips 2300, ID by man as "Zhongyong Remain Guangbo Dientai," then off (Reinstein-FL); on 11-18, hrd till past 2300, poor sig (Bolland-FL).
- 4910 EQUADOR Em. Gran Colombia, futbol 0220 on 11-9, excited play-by-play, spot IDs about every 5 minutes, full multi-voiced echo ID at 0230; fair-poor (Jordan).
- 4910 ZAMBIA Lusaka, fish eagle IS at 0347 on 11-26, EG ID, pop mx, much talk, best sig in a long time (Laskowski-IN); fairly good signal 0348-0358 on 12-4, E.Afr rhythms and chorus of singers, EG TC (Reinstein-FL); fair at 0430 on 11-13, African mx and talk; make it tentative (Coles-TX); seeming nx in unid. language at 0430, reference to Lebanon at 0500 (Field-MI).
- 4915 BRAZIL R. Anhanguera, 0100 on 11-17, deep voiced man, "Ave Maria" backing, big produc. ID, multi armts; talks, mx, guitar, soft mood mx, IDs, fgs, TCs, good sig (Jordan); lively mx 0310 11-3, echo talks, regular and singing IDs (Wallace-PA); ID, armts, PT balls at 0710 on 11-26 (Alexander-PA).
- 4915 COLOMBIA Armonia del Caqueta, nondescript vocals at 0357 on 11-24, ID, into inspirational talk, fair with QRN (Jordan); talk and mx at 1049 on 11-22, full ID 1053, fair signal (Bolland-FL).
- 4915 GHANA Accra, religious service and preaching at 2146 on 11-13, s/off armts, ID and anthem till 2206\*, poor but in the clear (D'Angelo-PA); EG nx 0600 11-14 (Coles-TX).
- 4915 KENYA Tentatively Nairobi, 2105 12-3, maybe Swahili, talk by man, armt by gal, then short anthem to 2113\*; poor with het (Wallace-PA).
- 4920 AUSTRALIA Tentatively ABC-Brisbane, seemingly an EG interview of a sports personality, 0710-0720 on 11-13, but too weak to understand much (George).
- 4920 EQUADOR R. Quito, man with sporting event, ID, 0235-0246 on 11-19 (Bobb-MN).
- 4920 INDIA AIR-Madras, 1200-1210 on 11-13, Indian vocals by man, armts 1200-1202 and 1204. ID 1200, monotone-type singing; under Brisbane but easily readable (Barto-CT).
- 4922 PERU Ondas del Titicaca, booming in 0957 11-10, great OA AM; Andean mx, armts by man, full ID (Stephany-NY); on 12-4, 1004-1010, OA mx, TC at 1005, ID by gal at 1009; had to use exalted carrier rcpn to cut down on Brisbane QRN (Cartwright-PA).
- 4925 EQUATORIAL GUINEA Bata, 2023-2030\* 11-3, Afro mx, YL talk 2026, ID, brief chimes, NA to 2030\*, exc sig (Valko); tent. then with talk, mx, 2020 on 12-3, R.Nac IDs, no armt at 2100, fair-poor (Wallace-PA); tent. then with probable s/off armts, anthem, to 2138\*, poor signal on 11-13 (D'Angelo-PA).
- 4930 GEORGIAN SSR Tbilisi, 2353-0005 11-23, RS M&W, chamber mx to 2359, then RM IS and into nx, fair sig (Bolland-FL); unid. RS 2150 11-2, Mayak IS 2200, poor (Wallace-PA).
- 4930 HAITI 4VEH is back, and widely heard. 12-2, 1130-1540 fade-out, and again at \*2200, local lvl with FR and patois, sloppy carted IDs among only AM and FM, lots of Xmas mx, nx, sermons (Krueger-FL); 12-1 at \*2336, sig abt like the 4765 Cuban; two tones 0000, reverb ID, SP lesson to 0025 (Reinstein-FL); various times at 2245-0302\*, fair sig, almost a commercial sound, FR, some SP (Jordan); Xmas mx at 0034 on 12-4, FR ID at 0102 (Smith-CT); sounds like fairly high power, all FR except had EG ID at 0100 on 12-3, also exc in mornings arnd 1030 to 1330 fade-out (Cartwright-PA); religious prgms 0145 12-4, nx 0200, sermons till 0255 closing prayer, s/off armt, B.P. 1 QTH, NA to 0259\*, also EG lesson 0000; also 12-3 at 1058, armt as 1000-0300, birthday armts, Xmas mx Stephany-NY); to 0302\* 12-2 with IDs, talk, Xmas wv. request for letters, some Creole at times (Cunningham); good with classical mx 0233 12-6 (Rigas-IL); hrd 1200 on 12-4, not sure if s/on; NA, nx, relig. mx 1218, talk, good sig (Bolland-FL).
- 4932 NIGERIA RN Educ. Svc. nx 2103 11-11, ID 2120, rock mx, govt prgm 2145, ID and TC 2200, good sig (Stephany-NY); natl nx relay 2110 12-3, //4770 then (Rigas-IL); nx 2125, into remote features, ID 2147, piano, ID 2200, local mx (D'Angelo-PA); ID 2215 11-5, into FR prgm, ID in EG 2230, TC 2300, pledge, NA to 2302\*, superb sig, must be Lagos not Benin (Cunningham); hrd to 2301\* on 11-24, poor sig (Bolland-FL); 2230-2301\* 11-8, nx, pop and local mx, TCs, ID 2245, fair sig (Erkenhus-MD); showing up well most afternoons, EG pub. affairs prgm, 2300 ID, 11-5 (Nikolich).
- 4935 PERU R. Tropical, 1037-1043, SP mx, ID, more mx, fair 11-15 (Bolland-FL); also 11-22 1055-1101, ads, talk, comb TCs and IDs, poor sig (Bolland); ID, pops, 0320 (Coles-TX).
- 4940 IVORY COAST Abidjan, mixed bag of mx 2134-2158 11-22, couple of armts, fair-good (George); jazz 2300 11-24, fair (Bolland-FL); FR and native mx, many IDs, hrd at 0605 on 11-14, fair overall (Coles-TX).

- 4945 BRAZIL R. Mac de Porto Velho, Br. mx 0845 on 11-24, ads, ID, fair sig with no sign of the Colombian (Alexander-PA); 0912 12-3, fair with talk, mx, full ID (Bolland-FL).
- 4945 COLOMBIA Caracol Neiva, ads, IDs, talk, mentions of Colombia, 0235-0242 11-22 (Purdue-MN); ad for Banco de Colombia, mx abt Col, Beirut, 0307 on 11-15 (McLemore-FL).
- 4950 PERU R. Madre de Dios, surprised to find 2231-2300 11-25, EZ ltnsg mx, jazz, simple ID 2247, almacon ad (Reinstein-FL); 11-13 2324-0230\*, EZ ltnsg, rock, banco ad, many TCs, ID arnd 0210, taps, s/off armt, NA and off; poor (Valko); tent. them, poor 11-27 0140-0230, couldn't make much out, very, very weak (Bolland-FL).
- 4950 SARAWAK Kuching, 1102-1113 11-22, nx, //7160, poor; also 1104-1132 11-7, nx, talk by a man, sports, EZ ltnsg mx 1128, time ticks on half hour, ID by gal, nx by man, poor sig (Bolland-FL); natl and regional nx in EG 1430 11-16, pops, TC, ID (Sharpe-CA).
- 4955 BRAZIL R. Cultura, 0930-0944 12-3, talk, canned ID 0934, mx, fair sig (Bolland-FL).
- 4955 BRAZIL Tent. R. Marajoara, 0220-0235 11-19, very poor, talks, ID 0230, 90% sure it was Marajoara; extremely weak (Jordan).
- 4955 PERU R. Cultural Amata, 1028-1048 11-2, vocals, talk, ID, TC, weak, fady, almost gone by 1050 (Valko); 1054-1108, fair overall with light clas. mx, ID 1100 (Cartwright-PA).
- 4958 AZERBAIJAN SSR Baku, 0404-0425 12-4, RS nx to 0414, local Baku prgm with Islamic mx at 0415; weak but clear (Reinstein-FL).
- 4960 CHINA R. Beijing, 1044-1050 11-15, gal in JP, mentions of CEI; 1049 singing (Bolland-FL).
- 4961 VENEZUELA R. Sucre, local mx 0125 11-6, ID 0130, talk, very poor (Jordan).
- 4965 HONDURAS R. Landia, pop mx 0210-0300 11-18, ads, TCs, full ID 0230 (Bolland-FL); LA vocals, TC/ID after each song, complete ID before 0458\* 11-24, fair-good (George-NC); folk mx, ID/TCs, ID jingle, off 0500 with no NA, poor 11-12 (Stephany-NY); exc with "Alvorada Ranchera" prgm 1150 11-26 (Reinstein-FL); 1246-1310, mx, ads, IDs (Bolland-FL).
- 4970 VENEZUELA R. Rumbos, nx 0357 11-16, chimes, LA mx, IDs, armts, VG (Stanley-AZ).
- 4975 BRAZIL R. Timbira, 0005-0035 11-11, PT pops, armts infrequently, ID at 0035, in the mx; fair with het, and other Brazilians also hrd (Valko).
- 4975 TADZEIK SSR Dushanbe, alternating M&W, RS, 1241, surprisingly strong (Nikolich).
- 4975 UNID. SF or PT 0215 11-9, marimba tunes, weak with QRM on both sides (Wallace-PA).
- 4977 Ecuador R. Tarqui, sudden \*1040 11-3, campo ballads, brief armts between, 1053 ID as "lo mejor de lo mejor," flutes, HC NA 1055, TC, noticias, good lvl with 4980 splash (Cunningham); 11-15 1051-1101, SF mx, full ID, HC NA 1059, fair sig (Bolland-FL).
- 4985 BRAZIL R. Brasil Central, PT ID 0020 11-30, talk by man, LA mx, pops (Prath).
- 4990 ARMENIAN SSR Yerevan, even with RSA 0414 12-4, //4810 stronger, 4040 unhrd (Reinstein-FL).
- 4990 S. AFRICA R. RSA, 0400 11-12, TC, ID, Afr nx, EG prgm, \*0425, \*0430 in FR (Stanley-AZ).
- 4990 VENEZUELA R. Barquisimeto, EG disc mx 0254, TC, ID, exc 11-30 (McLemore-FL).
- 5005 EQUATORIAL GUINEA Bata, fair with SP nx 2100 12-3, but no ID hrd (Rigas-IL); Afro instr mx 2104 11-10, talk, ID, s/off armts, NA to 2134\*, good sig (Valko).
- 5005 NEPAL Kathmandu, haunting IS \*1147 12-7, ID 1149, Nepal mx, WVW QRM (Cobb-ME).
- 5005 SURINAM R. Apintie, DT mx and talk, poor 11-15 0205-0300 (Bolland-FL); rock mx, DT talk 0320 11-16, hvy RTTY (Wallace-PA); tent. them 0320-0337 11-30, US pops, armts in EG, presumed DT, weak and distorted (George-NC); also an unid. here 11-13, pops, some EG, "Early Sun Morn Show," 0343-0515 (Stephany-NY), and to 0542\* with TP 40, apparent NA 0541 (Atkins-AL). Sounds like them-JB.
- 5010 CAMEROON Garoua, EG and FR ID at \*0429 11-12, NA, fqys, into Afro mx; also 2105 11-13 with EG nx, also hrd on 4850, 4795, 9745 (D'Angelo-PA); EG nx 0530 11-13, VG (Coles-TX); EG nx 2105 12-3, good sig (Rigas-IL); EG 2107-2122 11-10, ID 2112, into own prgm 2120, ID by man (Valko); Afr mx to FR talk, NA, 2225\* on 12-2 (Bobb-MN).
- 5013,5 ANGOLA Em. Prov. de Namibe, apparent NA at \*0459, several RN de Angola IDs 0500 with mentions of Namibe, PT ballads, light mx; noted several nights since 11-29 with fair-good signal, sometimes holding up past 0600 (Atkins-AL).
- 5015 BRAZIL R. Cultura Cuiaba, PT pops, IDs and talk after each song, 0544-0607 11-13, ute and Garoua QRM (Valko); fair 11-13 0722-0737, talk, mx, full ID 0731 (Bolland-FL); 0945-1000 11-5, march mx, possibly nx, ID, slogans, clear sig, QRM (Jordan).
- 5015 USSR Vladivostok, man in RS, 1034 11-22, fair (Bolland-FL); 1350 ID on 11-26, EG talk 1350-1354, EG ID 1355 (Coles-TX); R/S Pac. Ocean, IS 1315 12-3, ID (Rigas-IL).
- 5020 NIGER Niamey, FR and vernac talk, 2120-2159\*, drums 2148, local flutes, nx in FR, closing armt in FR 2158, flutes, NA; fair on 11-13 (Bolland-FL).
- 5027 UGANDA Kampala, vernac talk 0333, ID, fair 11-16 (Wallace-PA); EG nx 0345 11-30, strong but hvy ute QRM (George-NC); EG nx 0400 11-17, orch. mx 0413, vernac 0415 (Atkins-AL); FD nx 0402, ID, into vernac, to 0435, 11-12 (D'Angelo-PA); EG nx 0405, poor sig on 11-13 (Coles-TX); tent. them, anthem 0401, EG nx, "people of Uganda" mentioned (Cunningham).
- 5030 PERU R. Los Andes, armts, ads, jingles, several IDs, M&W, 1030 on 12-4 (Alexander-PA).
- 5035 BRAZIL R. Jornal Transamazônica, good 11-29 2232-2240, ID, then nx (Bolland-FL).
- 5039 UNID. Possibly AF, 0400-0445, end of Nov; Omdurman? (George-NC); AR to 0440 fade 12-5, Afr, ME influence; poor, and Sudan a guess (Atkins-AL). Yes, Sudan's rptd back-JB.
- 5040 COLOMBIA R. Cinco, HJ mx 0235 11-30, TC, very good (McLemore-FL); ID 0259 11-5, full data, canned slogans (Stephany-NY); vocals, IDs, 0320 12-4 (Alexander-PA).
- 5040 GEORGIAN SSR Tbilisi, clear 0427 12-4, lady in RS, unfamiliar "IS" 0430 (Reinstein-FL).
- 5047 TOGO Lome, fair with IS and ID at 0529 on 12-1 (Coles-TX).
- 5050 COLUMBIA LV de Yopal, ranchera mx 0410-0430 11-19, talk, full echo ID, fqys (Jordan).
- 5050 VENEZUELA R. Mundial, baseball 2350 11-19 (Prath-FL); upbeat LA vocals 0140 12-5, ads, ID (Alexander-PA); talk 0345 11-20, local ballads, ID, weak (Wallace-PA).
- 5055 SWAZILAND TWR, EG religious prgm at 0234-0240 on 11-7 (Purdue).

- 5060 PERU R. Amazonas, ID by man 0408 12-4, poor, 5057 and 5062 QRM (Cartwright-PA).
- 5063 ~~ECUADOR~~ R.Nac.Progreso, HC mx, amts, NA to 0712\* on 11-12 (Alexander-PA).
- 5066 ZAFRE Tent. R. Candip, poor at 0328 on 11-13 with drum mx, possible ID (Coles-TX).
- 5090 CHINA R. Beijing, talk, oriental mx, 1110-1130 11-25 (Bolland-FL); usual harsh-sounding YL with talk 1220 11-7, CH mx 1225 (Nikolich).
- 5095 COLOMBIA R. Sutatenza, IDs, amts, SP vocals, 0201 11-24 (Purdue-MN); talk, mx fragments, ID, 0229-0245 11-26 (Bobb-MN); ID 0340 11-25, bank ad, good sig(Stanley-AZ).
- 5106 CLANDESTINE LV del CID, good at 0550 11-8, best sig of all their xmtrs (Coles-TX).
- 5112 PERU R. Eco, 1120 12-3, 0207 12-4, fair with mostly US pops, not strong but in the clear (Cartwright-PA); excited DJ 0150 11-27, amts, ads, IDs (Alexander-PA).
- 5257 INDONESIA RRI-Sibolga, 1158-1207 11-13, gal anncr, no ID hrd but RRI mentioned at 1207, weak with some static; also at 1203 on 11-14 (Barto-CR).
- 5450.5 W.IRIAN RRI-Biak tent., soft instr.mx, occas. IN anncr, 1045-1115 11-13, fair(Atkins-AL).
- 5565 CLANDESTINE R. 15 de Sept, end of nx 1217 11-27, pol-talk (Bolland-FL).
- 5770 CHINA PLA stn presumed, oriental mx, gal anncr, 0945-1000 11-13, good, //weaker 4840 (Atkins-AL); complete ID 1100, into talks, good level 11-12 (Cunningham); traditional CE opera-like mx 1224 11-27, //6400, fair sig (Bolland-FL).
- 5895 BELGIUM BRT, Dutch soccer game, 2000 11-23, good sig (Wood-S.AR).
- 5905 PAKISTAN RP, good 1415 11-23 w/Pushtu NW Frontier and Afghan Refugees Svc(Wood-S.AR).
- 5910 BELGIUM BRT, \*2300 12-3, IS, DT ID, nx, talk (Mayer-PA); 0020-0115\* 11-20 with mx requests, DX info, fair (Gillia); "Brussels Calling," "Focus," \*0029-0111\* 12-1(Krist-VA); answers to questions, mailbag, fair 0030 11-16 (Blanchette-FL); sports, 60's pops, parl.rvw, 0045-0103 11-22 (Jordan); fair, mx, rpt on economy, 0055 11-8 (Cassidy).
- 5930 CZECHOSLOVAKIA Prague, 0100-0157 11-14, nx "Sun Magazine," good sig (Dillon-PA); 0100-0200 in EG, 11-28, "Sun Mag," "Golf in Czech," good (Tomko-NJ); 0100 11-15, "Edit Pages," "Mx for yr Tape Rcdr," UN (Krist-VA); nx, talk, ID, het, fades, 0100 5945 AUSTRIA Vienna, EG talk on Austr roads, 2140 on 12-5 (Alcorn-PA); 0130 on (Meaders). 11-15, "Austria Calling," "Rpt frm Austria" (Krist-VA); talk on antique arts fair, 0130 11-16 (Blanchette-FL); 11-21, mainly waltz mx to ID, 0159\* (Meaders); 0330 11-29, nx, ID, foreign policy, football, tourism, to 0356, fair (Dillon-PA).
- 5950 GUYANA GBC, listeners ltrs, musical requests 0352 11-12, s/off amts as GBC regional svc, NA and pledge of allegiance to 0402\*, fair sig (D'Angelo-PA); weak at 1008-1020 on 11-23, nx, wx, EG talk by a man (George-NC).
- 5950 NICARAGUA LV de Nicaragua, SP ID 0047, mx, EG nx bltn 0100, "Nic Today," SP agn 0108, good on 11-10 (Enkenhus-MD); EG/SP nx 0110 11-22, local mx, fair-good (Meaders); EG nx bltn 0155 11-24 (Purdue-MN); SP 0350, ID, revolutionary talk, EG nx 0400 11-17(Dillon-FL).
- 5955 COLOMBIA LV de los Centauros, 0935 12-4, LA mx, amts, ID, slight het(Alexander). PA.
- 5960 CANADA RCI, exc with ID 0300 11-26, nx, wx, sports, "RCI Journal" (Krist-VA); exc with FR nx at 0330-0340 on 11-26 (McKellar); EG 0400 on 11-13, nx, sports, "Prime Time Canada," exc sig (Dillon-PA).
- 5965 ENGLAND BBC, exc in EG 1300 11-27, nx, talk on Israel, "The Good Books," "Paying to the Wreckage" (Krist-VA).
- 5970 ITALY RAI, symphony mx 0050 12-5, ID in IT, fair-good (Bobb-MN); EG ID \*0100 on 11-13, nx bltn, light mx (Krist-VA); EG nx 0103 11-22, mx, to 0120, fair (Jordan).
- 5975 COLOMBIA R. Macarena, 1000 on 11-5, ballads, quick ID, later at 1013 full ID backed with organ mx; fair in QRN (Jordan).
- 5975 ENGLAND BBC WS, nx 0300 on 11-8, "The World Today" (Dillon-PA); fair 0605 (Coles-TX).
- 5980 SIERRA LEONE Freetown, EG ID 2057 11-24, local amts; pretty early hr(Passkiewicz).
- 5980 S.AFRICA R. RSA, 0200 on 11-15, IS, ID, TC, "Afr Today," nx, 5985 QRM (Stanley-AZ).
- 5985 USA WYFR-Okeechobee carrying Voice of Free China prgm in EG, 0200-0300 11-14, ID, nx, cntry, into CH 0300 (Dillon-PA); good 0205-0230 11-8 (Meaders); 0240-0300(Bonnet-IN).
- 5990 ROMANIA R. Bucharest, 0145-0207, Roum to 0200, then EG ID and EG nx, fair 11-20 (Bolland-FL); 0200 11-24, IS, nx, VOA-5995 QRM (Prath).
- 5990 S.AFRICA R. RSA, fair at 2220 on 11-17 when caught EG s/off (Wallace-PA).
- 5995 AUSTRALIA RA, EG 0920-0940, "Women's Scene," pop mx, ID 0935, 11-24 (Plotnick).
- 5995 USA VOA, good 0300-0400 EG, world nx, jazz, relaxing mx, 11-14 (Bonnet-IN).
- 6000 BRAZIL R. Inconfidencia, continuous nx frm 2234 11-29, //Er. on 5035 (Bolland-FL); excited echo talks at 2335 11-1, jingles, IDs, fair sig (Wallace-PA).
- 6005 ASCENSTON IS. BBC WS, 2200 11-14 with nx, "World Today," financial nx, fair (Krist-VA).
- 6005 S.YEMEN Aden, AR mx 2115 12-2, talk, fair in hvy QRM (Bobb-MN); AR mx with man talking in between, 0335 12-1, ID 0400, fair but hvy EBC and VOA QRM (Cobb-ME).
- 6006 COSTA RICA R. Relej, 0615 11-9, nx, TCs (Coles-TX); LA mx, IDs, TCs, 0745-0800 11-23, I don't hear on 60 mb anymore (McKellar); vy good 0800 11-27, SP mx, ID, TC 0803 (Pate-MD); nx 1000 on 11-18, ID 1007, into pops, TC 1011, fair sig (Hewitt-MI).
- 6009+ PERU R. America, 1043 11-11, mostly US pops, amts, ads, ID at 1100; sig improved steadily but splash and hets got worse. //booming 9510 (Cunningham).
- 6009+ VENEZUELA R. Los Andes, 1015 12-4, ID, YV mx, amts, IDs as Los Andes and 1040 (Alexander-PA); stn promos 1022 11-28, ID, mx, TCs, canned 1040 ID 1031 (Bolland-FL); LA mx 1039 on 12-4, mention of musica de Venez, ID as Los Andes and 1040(Cartwright-PA); local mx 1025 on 11-5, full reverb ID, slogans, 2 anncrs (Jordan).
- 6010 USSR RM, 2055-2115, talk by M&W, ID, IS, fair, in FR and SP (Bobb-MN).
- 6010 UNID. AR-style vocal mx, no amrt, poor, 0533-0540 on 11-20 (George-NC).
- 6015 S.KOREA Presumed Seoul, fair in Korean, 1015-1033 on 11-23 (Bolland-FL).
- 6015 USA WYFR-Okeechobee, exc in EG at 0612 on 11-9, //9852.5 (Coles-TX).
- 6015 VATICAN RV, EG 0050-0110, ID, talk on Xmas, "Heart and Mind" (Dillon-PA, Tomko-NJ).

- 6020 BRAZIL R. Univasco, 0905 Br.mx, ID and fays 0907, //9545, 11905 12-4(Alexander-PA).
- 6030 CYPRUS CBC, \*2210-2245\* 11-11, guit IS, ID, nx, Greek pops (Stephany-NY).
- 6030 W.GERMANY Sudddeutscher Rdfk, 2240-2315 11-28, pops, single gong 2300, nx, opera, ID missed when BBC came on (George-NC); jazz, rock 2250 11-4, chime, ID, nx by man at 2300, to 2305\* but missed s/off amnt because of BBC IS at 2304 (Stephany-NY).
- 6035 AUSTRALIA RA, letters 1530-1545 11-30 (Bobb-MN); nx, pops, DJ, 2033 11-19 (George-NC).
- 6040 ANTIGUA DW relay, 0100-0150, nx, "Ltr frm Berlin"; "Focus on Bonn." EG(Dillon,Stanley).
- 6045 CANADA CBC, "Voice of the Pioneer" 1320 11-27, ID, good sig (Krist-VA).
- 6045 USA WRNO, rock mx 0214-0235 11-17 (Purdue-MH); 0226 (McLemore-FL).
- 6050 NIGERIA FRCN-Ibadan, ID, talk, mx, 2204-2230 11-23, EG and local lang (Bobb-MN).
- 6055 CZECHOSLOVAKIA Pragas, good at 0527 s/on 11-8, EG to UK and Ireland (Coles-TX).
- 6060 PORTUGAL Lisbon, MA at 0100 11-18, PT ID, talk, mx, good but fading (Bobb-MN); EG in 0300-0330 slot, ID, nx, week's events, "Our Choice of Mx," other prgs (Krist-VA, Dillon-PA, Jordan, McLemore-FL, mostly reporting good rcpm).
- 6070 CANADA CFRX-Toronto, 0410 (Dillon-PA), 0615 (Coles-TX), 1233 (Bolland-FL).
- 6074 COSTA RICA R. Rumbo, ads, then mx, TC, later ID, fair 1225-1233 11-16 (Bolland-FL).
- 6080 CANADA Tent. CMFX-Vancouver, C&W mx, W.Can.wx, ID 0900, lost to carrier 0907(Cobb-ME).
- 6080 CHILE R. Patagonia Chilena, mx 1002 11-17, ID, maybe s/on, fading 1019 (Field-MI).
- 6085 W.GERMANY Bayerischer Rdfk, 2051 11-24, rock mx, ID 2058, jazz, chime, nx (Stephany-NY); s/on 0559 11-15, nx, ID 0607, ad, GM/EG EZ lstrng mx, exc sig the VOA-6080 QRX(Krueger-FL).
- 6085 W.GERMANY DW, 0100, IS, ID, world nx, cmtry, mailbag, "Germany Today," "Art on the Air," "People and Places," etc. (Stanley-AZ, Blanchette-FL, Krist-VA).
- 6090 CUBA Havana, EG nx 0115 11-18 (Dillon-PA); "Land of Mx" 0125, Lux QRM 11-11(McLemore-FL).
- 6090 GUATEMALA TGMUB, \*1059 11-24, organ IS, 1100 ID as "TGMUB, LV de la Iglesia Bautista en LA;" mix of mariaba mx, organ mx, EZ lstrng, religious vocals (Alexander-PA).
- 6090 LIBERIA ELBC, EG 0745 12-3, ID, police rpt, nx 0800 (Alexander-PA); talk on import regn 0830 11-24, ads for "3 of greatest films ever to come to Afr," vy good (Atkins-AL).
- 6100 YUGOSLAVIA Belgrade, EG 2015-2028\* 11-26, ID, local mx, //9620 (Cobb-ME).
- 6105 MEXICO XEEM, 1215 11-16, SP mx, full ID as R. Merida, mx 1220, good sig (Bolland-FL).
- 6106 BOLIVIA R. Panamericana, US pops at 0656 11-27, ID at 0707, fair at 0736\* (Pate-MD); \*1030 11-10, organ IS, s/on amnt, ad string, "Bolivia en Antena" prgs (Stephany-NY).
- 6110 MALTA R. Mediterranean, with ICR prgs in EG, 2042 11-26 (Rigas-IL); R. Med with FR vocals and accordian mx 2135 2230 11-14, ID (Bobb-MN); FR talk 2144 11-29, full FR ID 2230, NA, into EG (Bolland-FL); EG nx, pops, to 2327\* on 11-8 (Jordan).
- 6110 UNCL. AR vocals 2033-2101 11-29 only, time tones 2100, under EG IBRA prgs(Krueger-FL).
- 6115 PERU R. Union; fair 0931 with OA mx, IDs, TCs, creased by RM; carrier 0952 11-20(Valko); exc at 0957 12-4, almost CH-sounding Andean mx, IDs, wiped out by RM (Cartwright-PA).
- 6115 USSR RM in EG 0522-0530 on 11-2, talk on Grenada (Purdue-MN).
- 6117 COLOMBIA LV del Llano, up a little 0520 11-20, LA mx, DJ, ID (George-NC). Also AM-JB.
- 6120 ARGENTINA R. Nacional, fair at 0900 12-4, SP, pips and ID (Cartwright-PA).
- 6120 W.GERMANY DW, good with nx and cmtry at 0500 on 11-27 (Coles-TX).
- 6120 ENGLAND BBC WS, good at 0215-0235 11-8, mx, a play, talk about Reagan (Bonnet-IN).
- 6130 CANADA CHNK-Halifax, 1257 11-2, pops, nx, deep fades, poor-fair (McLemore-FL).
- 6130 USA VOA, EG nx, "Caribbean Rpt," fair 0000 11-22 (Dillon-PA); cmtry on nuclear war, 0224 11-22 (Purdue-MH); 0300-0400 11-10 with jazz hr, world nx (Bonnet-IN).
- 6135 BRAZIL R. Gaucha, PT ballads at 0825 11-26, IDs, amnts, M&W annrc (Alexander-PA).
- 6135 SWITZERLAND, SRI 0145 with ID, TC, nx, "Sunday Supplement," cmtry, talk on lack of snow, SP at 0215; (Bonnet-IN); poor, Stanley-AZ; good, Krist-VA).
- 6140 AUSTRALIA ABC-Perth, 40-50's pops 1133 11-5, ABC ID 1200, pips, concert mx(D'Angelo-PA).
- 6140 CANADA CBC, exc with EG nx and FR nx, 0628 on 11-9 (Coles-TX).
- 6145 USA KGEI-S.F., SP talk, relig. mx, man with ID to 1505\*, fair sig 12-7 (Trotto-FL).
- 6145 W.GERMANY DW, 0100, IS, ID, EG nx, "Press Rvw," "Germany Today," fair 11-21(Stanley-AZ).
- 6150 CHILE R.Nac. de Chile, all talk 0000 11-26, ID 0004, readable but hvy QRM (Valko).
- 6150 COSTA RICA R. Impacto, peppy DJ, IDs, good mx, good sig 0105-0130 12-5 (Bobb-MN); 0152 12-3, IS, ID, talk and mx, poor sig (Zilmer); ID 0300 11-2, nx, C.R. mentioned several times, fair sig (Purdue-MH); pops 1035 11-14, man DJ, frequent IDs (Hewitt-MI).
- 6165 NETH. ANTILLES RN-Bonaire, \*0227 11-25, IS, ID by gal, "Newslane," "Media Network," very good sig (Bobb-MN); nx 0230 12-2, good signal (Tomko-NJ); "Happy Str" 0230-0320 on 11-28, Tom Meyser, talk of postal strike, all EG (Dillon-PA); ID 0230 (Krist-VA).
- 6165 SINGAPORE BBC YES, IS 0259 on 11-25, ID at 0300 by man (Gillis). Sure of this? JB.
- 6170 ALASKA KHL-S-Anchor Pt, 1150-1215 11-7, fair to 1200, then poor, maybe antenna shift; pop mx prgs in RS to 1200, EG ID, into Motown prgs in CH (Nikolich); good 1237 with CH gal hosting opera prgs, ID and EG address 1300, more CH, 12-2 (Krueger-FL); clas.mx prgs in CH to 1300 on 12-1, full data EG ID, then sounded like a language lesson, ID 1330 (Cartwright-PA); 1314-1336 11-27, children's story in EG, flute melody, EG ID, into CH at 1330; poor sig (Enkenhus-MD).
- 6170 FRENCH GUIANA Cayenne, rock tunes 0908 11-12, ID by man, other talking 0915 (Jones); 1037 11-22, morning show with mx, ads, call-ins, TCs, nx at 1100, fair sig (Enkenhus-MD).
- 6175 ANTIGUA BBC WS, nx 0300 11-5, "World Today," good sig (Dillon-PA); 0415 11-24, intl and UK nx (Purdue-MH); 0700 11-19, nx, "From the Weeklies" (Sharpe-CA).
- 6180 TAIWAN BBC, time sig, 3 low and 1 high pip, CH ID, march, nx, at 1300 11-11(Wood-S.AR).
- 6180 VENEZUELA R. Turismo, LA mx 1000 11-16, ID 1007, ads, fair-poor (Hewitt-MI).
- 6185 USA WRNO, 0306(Purdue-MH), 0410(Stephany), 0420(Brandi), 0529(Krist), 1230(Bobb).
- 6195 PERU R. Cusco, 1002 just after s/on 11-12, OA mx, canned IDs, ads, poor (Stephany-NY).
- 6200 ALBANIA R. Tirana, EG 0330-0400 12-4, nx, read telegrams; fair (Tomko-NJ). 73 -



# LOG REPORT

## section C

6200 to 11699 kHz

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

Happy New Year! Emphasis this month will be on material not covered in last month's Section "C", which should be considered complementary. So if you don't find it in this issue check December too...

- 6200 ALBANIA R. Tirana; 0330 EG, culture in Albania (Dillon-PA 11/13).
- 6215.7 LEBANON V. of Hope; 0516-0023\* EG religion (4 reporters).
- 6240 INT. WATERS V. of Peace; 0058-0200 EG, US/UK pop mx with UK-accented ancr w/passing ID's; poor w/utes (Stephany-NY 11/25).
- 6240.2 PIR. "KPRC"; 0432-0503 EG, taking phone calls from listeners, discussing current social issues & pirate radio; (212)-352-9906; ID's as KPRC, Pirate Radio Central, w/accurate freqs, claimed QTH as NY, mailing address in NH (Cunningham 12/3); 0650-0711\*, pop mx, New Hampshire address for reports, tlk abt world peace; s/off with "good Night, Irene"; //1616 (Alexander-PA 12/3).
- 6250 EQUATORIAL GUINEA R. Malabo; 1800 Afr. lang nx, mentions of Malabo; f (Wood 11/16); 2144-2203 unid lang, mx & cmnts with signal barely audible; poor (Bolland-FL 11/15).
- 6252 VATICAN VR; 0645, ID in Italian during Mass (Coles-TX 11/9).
- 6302vv CLAND V. of Broad Massees of Eritrea; 1930 AR, world nx, M&W, unjammed today, //3750.5, 7489.5, 24336; vg (Wood 10/30). In November Richard reports this chased by jammers thru 6257-6294 -ed.
- 6295 UNID 2355 FR?, pop songs, jazz, and off; p (Wallace-PA 11/10).
- 6364 PERU R. Moderna; 1108-1120 SP, Andean mx beneath CW, not that bad when CW operator quit (Cartwright-PA 12/4).
- 6509.8 VIETNAM Lang Son 1210-15, mx throughout, p (Bolland 11/13).
- 6520.5 VIETNAM Cao Bong 1214-30, ditto (Bolland 11/13). So presumed? -ed.
- 6549.6 LEBANON R. Voice of Lebanon; 2315-2320\*, running late on 11/16. AR nx by M w/ment of Israel, Reagan, Mitterand; into anthem-like march at 2319 to s/off; very strong (Reinstein-FL 11/16). 0530 AR, nx & Christian pgm; strong sigs (Coles-TX 11/8).
- 6665 CHINA Beijing 1243 CH w/M&W; it never ceases to amaze me how many of these China stns are operating & audible in Chicago; also noted 6750 and 6790 (Nikolich 11/7).
- 6850 CLAND R. Frie Suriname; 0105-0134\* unid lang, long talk by M, quick ID 0108, ment Surinam, drums at 0112, clear ID w/drums at 0117 (Valko 11/11); 0120 non-stop talk, rev. rhetoric by M, with frequent ID's; good sig (Cartwright-PA 12/3).
- 6860 CHINA R. Beijing; 2141-2158 EG, M&W w/CH lessons; ID 2154, European Service, //9860 (Gillie 11/9).
- 7065 ALBANIA RT; 0000-0030 EG, "Albanian Calendar"; f (Dillon 11/18).
- 7075 ALBANIA RT; 0150 SP, typical critique of Capitalism (Jones-TX).
- 7100 USSR RM; 0000-0230 EG to N.Am. (Dillon 12/2, Bonnet 12/2).
- 7110 ETHIOPIA V. of Revolutionary Ethiopia; 0340+, absolutely excellent sig pushing S-9 on the ICOM! Unique local mx, harsh rhetoric by M in presumed Amharic w/many ment of Khartoum, lots of drumming & into seemingly educational pgm w/M counting (Reinstein 12/1).
- 7120 SOMALIA R. Hargeisa; 0930 Somali, local mx; g (Wood 11/25).
- 7160 MONACO TWR-Monte Carlo; \*0723 EG, IS, rel pgm (Rigas-IL 11/25).
- 7200NF SOMALIA R. Mogadishu; 0500 Somali mx, 0555 nx, ID, 0601 off; back on \*0900, Somali; moved from 6790; g (Wood-Saudi Arabia 11/25); 1957-2101\*, mostly mx till 2015, then 30 minutes of political cmtry; clear ID 2100, NA, and off (George 11/22).
- 7204.8 ZAIRE R. Lubumbashi; \*0357-0447, orch. NA at 0358, vernacular M into hiliife vocals till 0407 FR; ment Lubumbashi, more mx, sermon-like talk in vern; big sig, tnx Crawford (Krueger & Palkovic 12/4).
- 7219 MOZAMBIQUE RM; 1610 PT, futebal; good (Wood-Saudi Arabia 10/30).

- 7255 NIGERIA VON; 2150 stringed mx, EG ID, NA, 2200\* (Wallace 11/9).  
 7270 S. AFRICA R. RSA; 0520-0530 FR, jazz mx, f (McKellar 11/18).  
 7285 MADAGASCAR R. Netherland; 2310 Indonesian, playing US rock mx; ARO QRM (Wallace 11/19). Not Holland in GM -ed.
- 7345 CZECHOSLAVAKIA R. Prague; 0100-0345 EG to N.Am. (4 reporters).  
 7355NF USA KGEI; 0330 RS, ID & religious talk (Rigas-IL 11/12).  
 7355 USA WRNO; 0000-0200 EG, rock mx (4 reporters). & WYFR here -ed.  
 7385 CUBA R. Habana Cuba; 0330 SP, IS & ID noted (Coles-TX 11/8).  
 7400 GLAND LV del CID; 0303-0319 SP, 14-note Glockenspiel tune 3 times. ID: "Esta es La Voz del Cid, La Voz de Cuba Independiente y Democrática." Glock. repeated often (Brouillette 11/30).
- 7410 ISRAEL Kol Israel; 2235-0225 EG to N.Am. (4 reporters).  
 7420 USSR RM; 0640-0757 RS, M&W informational tlks w/interviews, reports; ponderous orchestral mx followed by IS, ID (Jordan 11/9).  
 7430 UNID. \*0356-0405 f/out 11/25 only; slow guitar-like solo mx till M in African language 0400; VOBME? (Krueger-FL 11/25).
- 7432 GLAND V. of the Broad Masses of Eritrea; 1605 Tigray nx (Wood).  
 7493 GLAND V. of Br. Mass. Eritrea; 1830 Oromo nx, g (Wood 11/20).  
 7600 ECUADOR HD 210A; 0045 SP, time pipe, time on the minute (Alcorn).  
 7820 CHINA R. Beijing; \*1800 RS, news; f, jammed (Wood 11/22).  
 8000 JAPAN JYJ; 1340 JP, time signals, weak (Purdue 11/18).  
 9420 GREECE VOG; 0045-0130 GK/EG to N.Am. (3 reporters).  
 9422.5 PAKISTAN RP; \*1215-1315\* AR, ID, Qur'an, nx; //11674, 17640 (Wood).  
 9460 GREECE VOG; 1400-1500+ GK, //11645 (Zilmer 11/25, Rigas 11/20).  
 9475 EGYPT R. Cairo; \*0200+ EG (3 reporters); 2045 AR (Dillon 11/18).  
 9490 USSR R. Magallanes; 0200-0230 SP, IS, world and LA news, via Nikolayev per UHN 50; Andean mx; //9450 (Jordan 11/30).
- 9500 ALBANIA R. Tirana; 1930 EG, nx abt Albania, world nx by W, cmntry on East-West military buildup, "Mx From Albanian Film" (Krist).  
 9505NF IRAQ Sawt ul Jamaheer; 1325-1400+ AR, vocal & instrumental mx, tentative ID at 1330, Mideast vocals (Jordan-PA 11/16).
- 9505 JAPAN RJ; 1520-1700 EG/JP; Gen. Svo. (McKellar 11/30, Trevor).  
 9510 ANTIGUA BBC W.S.; 0515-0530, "Twenty-Four Hours" (McKellar 11/22).  
 9510 GUAM KTRW; 1335-1400\* EG, "This is TWR Pacific" (Bolland 11/27).  
 9510 ROMANIA R. Bucharest; 0200 EG, "Sunday Studio" (Krist-VA 12/5).  
 9515 MALAYSIA Kuala Lumpur 1115-1130 Malaysian; music and comments; on the half-hour W gives news; poor (Bolland-FL 11/22).  
 9515 MEXICO La Voz del la America Latina; 1257-1301 SP, comments and adds; full ID as above; poor (Bolland-FL 11/6).  
 9515 USA BBC W.S. via Greenville; 0200-0230, nx etc. (Bonnet 11/26).  
 9520 IRAQ Sawt ul Jamaheer; 0700 chimes, ID, AR nx; //9505, 9555, 9690, 11735 (Wood 11/17).
- 9520 SAUDI ARABIA BSESA; \*1700 Somali, anthem, ID, Qur'an, nx; vg, //11910 (Wood-Saudi Arabia 11/17).
- 9525 NORWAY RNI; 2205-2230 EG, "Norway Today"; f (D'Angelo 11/6).  
 9525.4 MOZAMBIQUE RM; 1700 PT, ID, nx; good (Wood 11/4).  
 9535 ANGOLA R. Nacional; SP to 2200, then into unid. lang w/nx, mx; 0230 PT on 12/3, but today 0230 EG news; mx (Field 12/4).  
 9535 CUBA RHC; 0750-0800 EG, "World of Stamps"; f (McKellar 11/28).  
 9545 ANTIGUA DW; 0500-0550\* EG to N.Am., nx & review (Witzig 11/8).  
 9553 EL SALVADOR R. Nacional; 1820 SP, cmnt & rel tlk; full ID at 1825 followed by mx; f (Bolland 11/20); 0008 "Radio Soberania Nacional", nx of Grenada, ID, mx fillers, march (Jordan 11/9).
- 9560 GERMANY E. RBI; 2100-2200 EG (Weinhold 11/24, Krist 11/27); 0330 EG, IS, ID, nx from G.D.R., "Pop Corner" (Stanley 11/16).  
 9560 TURKEY VOT; 2200 EG, 2300-0200 TK, 0200-0300 EG (8 reporters).  
 9565 MALTA DW; 0100-0150 EG to N. America (4 reporters).  
 9570 ROMANIA RB; 0230 EG, Romanian folk mx pgm (Prath 11/24).  
 9575 ITALY RAI; 0100-0119 EG to N. Am. (3 reporters).  
 9575 PORTUGAL RP; 0530-0550 EG, nx, ID, fqy info (Trotto-FL 12/7).  
 9580 PERU R. Concordia; 1037-1102 SP, OA mx w/singing, tlk by M&W, partial ID at 1051 as "... minutos en Concordia". ID at 1100 by W after mx as "Radio Concordia". Very weak. (Valko 11/20).
- 9580 PORTUGAL R. Japan via Sines; \*2215-2230\* EG, ID (Trotto 12/6).  
 9585 IRAQ R. Baghdad; 1700 FA, anti-Khomeini cmnt; g (Wood 11/19).  
 9585 S. AFRICA R. RSA; 2000-3130 FR/EG to Europe (3 reporters).  
 9590 CANADA BBC W.S. via Sackville; 2300-0030 (Purdue, Bonnet 11/12).  
 9595 ETHIOPIA RVRE; 1800 Somali, liberation pgm (Wood 11/23).  
 9600 PORTUGAL RP; 0115-0130\* SP, c&w songs, chimes, NA (Bobb 11/27).  
 9630 CHILE R. Agricultura; 1035-1100 SP, two acns alternating w/nx items, cmntry; several ad strings; good until 1050 (George 11/23).  
 9635 COLOMBIA R. Nacional; 0230-0245 SP, vocal mx; f (McKellar 11/25).

- 9635 SWITZERLAND SRI; 0200 EG, SEAS, development (McLemore 11/8).
- 9650 ANTIGUA DW; 1010-1020 EG, nx, ID, freq, address (Bobb-MN 11/15).
- 9650 GUINEA VR; 2130 unid lang, tlk, //15310; p (Laskowski 11/13).
- 9655 SAUDI ARABIA BSESA; 2000 AR, march, ID, nx; //9720 (Wood 11/1).
- 9660 VENEZUELA R. Rumbos; 1220 SP, light mx, ID's (Hewitt 11/27).
- 9665 BULGARIA R. Sofia; 1640 EG, nx, missile deployment (Hewitt 11/27); 2130 EG, tlk on missile buildup; fair (Laskowski-IN 11/24).
- 9670 BRAZIL R. MARUMBY; 0831-0855 PT, ID, fqy, into news, mostly from Brazil; Brazilian mx at 0850 (D'Angelo-PA 11/6).
- 9670 PORTUGAL AWR-Sines; 0903-0917 EG, dx pgm (D'Angelo 11/6).
- 9670 SATPAN KYOI; 1700-1745 EG/JP, rock (Mayer 11/24, Purdue 11/13).
- 9680 BRAZIL R. Nacional Amazonia; 0805 PT, w/frequent ID's (McKellar). 2240-2315+ FT, shouted anmts, pops, many ads; //11780 (Jordan 11/19).
- 9680 INDONESIA RRI Jakartal 1200 IS, ID, IN mx; vg (Wood 11/10).
- 9685 ALGERIA RA; 1950 FR; 2000 EG, ID, nx; fair (Brandt 11/12).
- 9690 IRAQ Sawt ul Jammaheer; 1700 AR, ID, nx; //11720 (Wood 11/17).
- 9695 EGYPT V. of Arabs; 1700 AR, ID, fqy list; to Europe (Wood 11/17).
- 9700 GREECE VOA-Kavala; 2040 EG, "New Horizons" (Paszkievicz 11/27).
- 9720 SRI LANKA SLBC; 1235-1253 EG, children's tunes and other novelty-type fare; ID at 1245 followed by a rel pgm; f (Bolland-FL 11/6).
- 9734.6 PARAGUAY R. Nacional; 0950 SP, LA mx, ID 0950, TC, nx; g (Hewitt 11/19); 0100 SP, march mx, possible ID, p, tentative (Caasidy 11/23); 0130-0145, ID, nx esp. about Paraguay (Dillon 11/17).
- 9745 CAMEROON RC; 2135 FR, indigenous mx, ID, US mx (Jones-TX 11/13).
- 9745 ECUADOR HCJB; 0045-0655 EG to NAM., S. Pac. (11 reporters).
- 9745 IRAQ Sawt ul Jammaheer (Voice of the Masses); 1215 Islamic mx (Bolland 11/6); 1830 AR, nx, mx, to Americas & Europe "min Baghdad" (Dillon 11/25); 1905 AR, tlk about Iran (Jordan 11/25).
- 9755 EGYPT R. Cairo; 1800 AR Holy Qur'am Svc., list surat (chapters), verses; f, QRM Vatican in Latvian (Wood-Saudi Arabia 11/23).
- 9760 MOROCCO VOA-Tangier; 2132 EG, "World Report" (Brandt 12/6).
- 9765 SPAIN SFR; 2000-2030 EG, "Sports Roundup" (Krist 11/12).
- 9765 USSR RM; 0430 EG, ID, nx in brief, "Marxism Today"; fair, via Lvov per UHN (Mayer-PA 12/3). Which svc., NAM, or World? -ed.
- 9790 FRANCE RFI; 2138-2152 FR, mx, ID, freqs; g (Bobb-MN 12/4).
- 9815 ISRAEL KI; 0000 EG, world & ME mx, "Spotlight" (Stanley-AZ 11/12).
- 9835 HUNGARY RB; 0200-0229 EG, "This is R. Budapest, Hungary" by M, "Int. Newsroom", cmnt on NATO missiles (Krist-VA 11/22).
- 9839.4 VIETNAM VOG; \*1200-1209 unid lang, mx, omnts, nx (Bolland 11/6).
- 9855 GREECE VOG; 1933 GK, weak w/newsreel pgm relayed from the domestic First Program, R. Macedonia (Rigas-IL 12/3). Am I right in understanding your report that "R. St. Macedonia" is domestic net? -ed.
- 9860 CHINA RP; 0000-0135+ EG to N.Am. (3 reporters).
- 9863 PAKISTAN RP; 1455 UR, patriotic songs, ID (Wood 11/23).
- 9870 SAUDI ARABIA BSESA; 1800-1930+ AR, "General Pgm" (3 reporters).
- 9900 BELGIUM BRT; 1930 DT lbx to Afr. (Wood 11/6); 2202 EG, IS, ID, Brussels Calling Europe; p (Zilmer 11/28).
- 9905NF QATAR Doha 0245-2130 AR, all day, nx, Qur'am, interviews, sports (Wood 11/7+); 1615 AR, 1cl mx, vocals plus percussion (Jordan 12/1).
- 9925 BELGIUM BRT; 0030-0105 EG to S.Am., //5910 (Alcoba 12/7, Zilmer).
- 9936.5 CLAND VBME; 1500 Eritrean mx, Tigray (Wood 11/23).
- 9957 PAKISTAN R. Pakistan or R. Azad Kashmir; 0525 UR nx w/mentions Kashmir, Karachi, etc; conceivably a harmonic of R. Azad Kashmir if 4980 has drifted to 4978.5; reported drifting (Wood 11/25).
- 10680 ARGENTINA R. Rivadavia relay; 2356 SP, sports. (Cunningham 11/13).
- 11180 CLAND V. of Free Sons of Yemeni South; \*1300-1701\* AR, ID, Qur'am, attacks of Soviet & Cuban imperialism; all in South-Yemeni-accented AR; ID "Sawt ul Abma ul Yemen al Ganub al Ahrar" (Wood 11/16, 17).
- 11588 ISRAEL KI; 2200 HB, Reshet Bet pgm; //9385 (Zilmer-NM 12/5).
- 11600 CHINA RB; \*1600-1755\* EG, nx w/US accent; g (Wood 11/17).
- 11655 ISRAEL KI; 2000-0030 EG/FR/etc. (4 reporters).
- 11655 MONACO TWR-Monte Carlo; 1505 RS following EG ID (Zilmer 11/20).
- 11675 KUWAIT RK; \*1800-2100\* EG to Europe (Wood, Enkenhus 11/11, Krist).
- 11685 CHINA RB; \*2000 Cantonese, ID, mx (Wood 11/16).
- 11688 PAKISTAN RP; 1618 EG, cmntry on Pakistan, then S.As. vocals; het noted here (Purdue -MN 11/6).
- 11690 SPAIN SFR; 2000 EG, mx, //11840 (Wood 11/1). 1952-2005 EG, music, news at 2000; reception poor (Brandt 12/6).
- 11695 BELGIUM BRT; \*1700 IS, DT news; f, QRM Beijing (Wood 11/17).

73 *De*



# LOG REPORT

## section D

### 11700 and above

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Greetings for the New Year! Hope that Santa brought you the new gear you wanted (or at least a new QSL or two). On to lots of good loggings:

- 11700 DOMINICAN REPUBLIC R Clarin; 1618-1903 SP, trumpet IS, NA, full ID 1620 by M, romantic LA mx, Beatles tunes (Enkenhus 11/26, Bobb, Hewitt)
- 11710 USSR RM; 0550-0600 EG, DX pgm, perfect reception (McKellar 11/29)
- 11710 SWEDEN RSI; 2300 EG, nx, Dateline, moved from 11705 and // 9695 - used 11705 for only a few days (Zilmer 12/5) Bonnet, Brandi, Stanley, Witzig, Blanchette)
- 11710 ARGENTINA RAE; 0100, 0400 EG, nx, mx, sports, DX contest, Arg folklore gm (Mayer, SWITZERLAND SRI; 2330-2345 GM, nx, vg (Mayer 12/2) 0145, 0445 EG, &McKellar)
- 11715 SWITZERLAND SRI; 2330-2345 GM, nx, vg (Mayer 12/2) 0145, 0445 EG, &McKellar)
- 11715 DATLINE pgm, inti IT 0500 (Stanley, Witzig)
- 11715 GABON - Swiss R Int'l (via Moyabi); \*2255-0055, exc here and 15305, both used for 3-day relay test to LA, opening w/ PT, GM 2230 (Krueger 11/24)
- 11720 CANADA CBC; 2200-2230 EG, nx, telephone call-in "X-Country Check In" (Dillon)
- 11720 BULGARIA R Sofia; 0000 EG, cmtry on Euromissiles, poor; //9700 (Stanley 11/27)
- 11725 AUSTRALIA RA; 1800 EG, nx (Zilmer 11/28)
- 11730 PORTUGAL R-Renascence; 2331-2400 PT, tlk, ID by W, mx (Bobb 11/24) Dillon, Tomko)
- 11730 SOUTH AFRICA R RSA; 0200-0300 EG, to NA, nx, cmtry, "Africa Today" (Bonnet, TAIWAN WQFC; 0225-0300 EG, vocal & instr mx, Mailbag, cmtry, &Brouillette)
- 11740 requests reception reports (Bonnet 11/9)
- 11740 VATICAN VR; 1455-1500\* EG, tlk by W, IE, s/off, p (McKellar 11/17)
- 11740 MADAGASCAR R Nederland; 1830-1900 EG, Happy Stn show (Weinhold 11/27)
- 11745 FINLAND RF; 1745 SW, nx, //15130; g (Wood 11/20)
- 11745 USSR R Peace & Progress; 1652 EG, nx abt SWAPO (Paskiewicz 11/26)
- 11745 TAIWAN WQFC; 0300 EG, nx, cmtry, f (Stanley 11/17)
- 11750 UK BBC; 0430 EG, rock mx pgm, financial nx 0445, weak (Witzig 11/8)
- 11750 ASCENSION ISLAND BBCWS; 0102 EG, mx pgm, "Outlook" (Krist 11/16)
- 11755 NORTH KOREA R Pyongyang; (time???) SP, mx, nx, //15340 partially covered (Field)
- 11755 TURKEY VoT; 2200, 0300 EG, nx on earthquake; fade out by Q314 (Purdue, Dillon)
- 11760 LIBERIA VoA; 2118-2131 EG, "World Report", f (Brandi 12/6) Dillon, Stanley)
- 11760 CUBA R Habana; 0330 EG, cmtry on Cuba in Grenada, musical QSL's for DXers (ANTIQUA? BBC; 1200-1215 EG, nx, g-exc (Headers 11/12)
- 11775 BRAZIL R Nac da Amazonia; 0040-0201\* PT, prof pgming, lively ads, pop vocals, many ID's, g; //9680 f (Jordan 11/28, Bobb)
- 11785 UZBEK SSR R Tashkent; 1200-1215 EG, nx, cmtry on Pakistan Air Force, g (Cobb)
- 11790 USA AFRTS (Bethany); 2310-2330 EG, football game, g (Mayer 12/3)
- 11790 AUSTRALIA RA; 1558-1630 EG, mailbag pgm, DX, pgm, QRM (Mayer, Bobb, Hewitt)
- 11793 COLUMBIA -RDif Nac, Bogota; 0243-0300+ SP, choir mx, Latin hymn (Jordan 11/19)
- 11800 AUSTRALIA RA; 1510-1559 EG, nx, rock mx, p (Dillon 11/8)
- 11805 BRAZIL R Globo; 0125 PT, call-in pgm, g (Gillis 11/13)
- 11810 SOUTH KOREA -RK; 0200 EG, wld, Asian nx, cmtry, mx, f (Stanley 11/14)
- 11810 INDIA AIR; 1345-1400 EG, cmtry, interview w/ P.M. of Mauritius, f (Enkenhus)
- 11815-16 LIBYA first, this cmtry from Peter Dillon: My prime interest in SWL is to hear as much AR as possible so I often tune 11816; I can usually pick up their bcst @ 1900. This stn bcsts w/ the dual ID of Saut ul-Watani-l Kebir, Saut ul-Thawrat ish - Shaabiyah (Voice of the Great Homeland, Voice of the People's Revolution). According to Vito Echevarria in Monitoring Times (Sept/Oct 83) this is a clandestine stn beamed to Lebanon. R Jamahiriyah is sometimes rpt'd as being in AR, but I think the AR bcst are actually the above (tho I speak AR I could be wrong) PD, 12/1. Thanks for the obs, bs.
- 2030-2200 AR, mail call, nx 2100, tc, several ID's (See Above), tlk on British Imperialism, bad QRM (Dillon) \*2219-2350\* EG, R Jamahiriyah, reading from Koran, Pan-Afr Youth Festival 1983, nx by M, press review (Dillon 11/6) also (Purdue, Coles, Stanley, Hawk)
- 11820 SAUDI ARABIA BSKSA; 1800-1820 AR, nx, wx, NA, ID, //9870.5, g (Bolland) 2115-2209 AR, big-band mx, E-Z list mx, mail call, Libya QRM (Dillon 11/6)
- 11820 ASCENSION ISLAND BBC; 0202-0217 SP, nx, cmtry, mx (Hawk 11/22)
- 11825 SOCIETY ISLANDS (TAHITI) R Tahiti; 0315 FR, island mx, slight het, vg (Stanley)
- 11835 ECUADOR HCJEB; 0145-0200 FR, tlk by M, mx (Bobb 11/21) 0220-0245, rel pgm in UNID lang then went into RS (time?), later blocked by UNID carrier (Hawk)
- 11840 USSR RM; 1719-1930 EG, cmtry, RS by Radio, nx (Blanchette, Dillon)
- 11845 CANADA RCI; 0247-0258 EG, nx, cmtry (Hawk 11/22)
- 11845 VATICAN VR; 0050-0110 EG, Sunday Mass, Martin Luther's 500th ann (Dillon 11/7)

- 11850 SAUDI ARABIA BSKSA; 1800 EG, interview w/ one of my colleagues at King Saud University; all EG & FR are here 'tho ann'd 11855 (Wood 11/16)  
1838-1907 EG, nx, mx, sports, ID "You are tuned to the Beat Svc of the Kingdom of Saudi Arabi", SID 242 (D'Angelo 11/13)
- 11850 CANADA RCI: 0100-0115 EG, nx, cmtry, "RCI Journal", exc (Krist 11/18, Headers)
- 11855 USA WRNO; 2300 EG, recorded pop mx (David 11/29)
- 11855 WEST GERMANY DW: \*1400-1435 GM, world, local nx, mx (Jordan 12/1)
- 11855 WEST GERMANY RF; 2110-2130 CZ, per DX Digest, mx, tlk, poor w/ QRM (Jordan)
- 11855 SAUDI ARABIA BSKSA; 1830 EG, nx, press review (see 11850) (Alcorn 11/8)
- 11860 CHINA RB; 0000-0058\* EG, nx, "China in Construction", features (Dillon, Alcorn)
- 11860 TAIWAN VOFC; 2000 AR, tlk on Taiwan-S Korea relations, CH pop mx (Wood 11/20)
- 11860 ASCENSION ISLAND BBC; 0430-0445 EG, pgm on opera singers, f (Mayer 12/4)
- 11865 PHILIPPINES VOA; 1505-1515 CH, tlk by M, f (Bobb 11/21)
- 11880 SPAIN SFR; 0000-0125 EG, mx "For Your Listening Pleasure", features on Spain, "Panorama", "Press Review" (Mayer, Stanley, Alcorn, Headers, Dillon) 0310-0325 SP, mx, nx, cmtry (Hawk 11/22)
- 11900 SOUTH AFRICA R BSA; 2000, 2130-2157 EG, to W Afr, UK, Ireland, "Africa Today" pgm (Dillon, Coles)
- 11900 MARIANAS ISLANDS KYOI; 1428-1601\* EG, rock mx, ID w/ "Choy" pronunc, gave 9760 at s/off, f (Enkenhus 11/14, Purdue)
- 11905 CANADA RCI: 1945 EG, DX show w/ Hauser's rpt, exc (Coles 11/27)
- 11905 TAIWAN CBS, Taipei; 1855 CH, Taiwan patriotic anthem, ID, march; off #1900 after time signal, neatly coordinated w/ RCI s/on, g (Wood 11/21)
- 11920 T JORDAN RJ; 2035-2100+ AR, instr mx, tlk in AR, tant ID by M 2045, pos ref to Jordan; 2045-2052 in clear w/ poss nx, ref to MEast countries, p (Jordan 11/25)
- 11920 EAST GERMANY R Berlin Int'l; \*2315-2330 PT, IS, ID and nx by M, p (Mayer 12/2)
- 11925 PORTUGAL -RF; 0300-0330 EG, nx, tourism pgm (Stanley 11/27, Purdue, Hawk) 11/20)
- 11938 KAMPUCHEA RK; 1235 (Lang?), tlk w/ mx after 1245, s/off 1300; QRM 11940 (Field)
- 11940 GABON Afr #1; 1952 FR, mx, ID by M (Plotnick 12/8)
- 11940 SINGAPORE SBC; 1500-1505 EG, nx, g (McKellar 11/4)
- 11945 CANADA RCI; \*2129-2158\* EG, nx, mx, sports, "SWL Digest" (Krist 11/12)
- 11950 USA WRNO; 2215-2250 EG, rock mx, ads, concert info (Purdue 11/2) (Dillon)
- 11955 LEBANON \*RL; 0200-0235 AR/EG, tlk on Geneva conf, nx, ID 0220, into EG 0230
- 11955 PHILIPPINES R Veritas Asia; 1450 EG, Explore the Philippines, g (McKellar 11/2)
- 11965 RWANDA BW; 1505-1521 EG, "Window On The World", f-p (Brandt 11/19, McKellar)
- 11965 PHILIPPINES VOA; 1150-1202 EG, EG lessons by M, W; ID 1200 into CH (Enkenhus 11/26)
- 11975 EAST GERMANY RB; 0013-0036 EG, IS, NA, nx, cmtry, f (Enkenhus 11/11)
- 11980 UKRAINIAN SSR RM WS via Vinnitsa; 0340-0358 SP, nx, antry, mx (Hawk) 0515-0600 FR, cmtry, mx (Jordan 11/24)
- 11985 ALBANIA R Tirana; 1415-1430\* EG, tlk on India by W, off w/ anthem (Trotto)
- 12035T SWITZERLAND RSI; 2010-2025 presumed IT, pgm seemed to be nxreel w/ tlks; WRTH shows this time slot as beamed to Afr (Jordan 11/25), \*1810 EG, IS, for MEast; now out-of-band for first time, // in band 15125, 15415, 17850; g, some splash from BBC AR 12040 (Wood 11/20)
- 12050 EGYPT RC; 2003 AR, mt Israel, mx followed by tlk by W (Plotnick 12/8)
- 12205 LSB KAZAKH SSR Alma Ata; 1250-1325 RS, operatic vocals by W, orch mx, f-p (Jordan)
- 12185 EGYPT RC; 1940 AR, ID, mx; mixing product of 11915, 12050, g (Wood 11/24)
- 13797 ICELAND ISBS; \*1830-1900 Icelandic, nx, piano notes 3X @1844, ID; chimes 1900 then nx & cmtry by M, f (Jordan 11/25)
- 14420H UK -BBC; \*1900-1945 Romanian, ID "Aici e postul de radio Londra"; 2X 7210 which was also hrd; g (Wood 11/24)
- 14500 \*\* SWITZERLAND UN Radio; \*1820-1842\* FR, RS, chime IS and FR/RS ID's every minute by M to slow chime and RS nx at 1830; IS again at s/off, good w/ RTTY QRM (Stephany)
- 14028 MEXICO XEW; 1720 SP, using freq mod, w/ sports; no harmonic, exc (Coles)
- 14320H FRANCE RFI; 1935 FR, tlk, ID, sports, 2X 7160 which was also hrd (Wood 11/24)
- 15000 JAPAN JYJ; 0310 JP, time pips, CW ID & voice ID by W, f u/WWV/H (George 11/14)
- 15040 SCOTLAND R Freedom Int'l; 1146-1200 EG, presumed site pending confirmation, T/in to pops, EG M ID's and address, said reports would be confirmed w/ certified QSL. Later ID gave complete address in Edinburgh, "the capital city of Scotland" and off or lost shortly after 1200. (Heard by CANAVDX V, Canaveral Nat'l Seashore, FL DXpedition participants 11/13--via Krueger) congrats, bs.
- 15050 CLANDESTINE UNID; 1637 EG, rock mx, jump to 15045 @ 1638, off abrupt 1640 (Jones)
- 15050 USA KQSB Intl'; 1905-1927\* EG, test to Eur, Afr, Erank Furter at the helm. Big Country and Loverboy tunes, message for empire Hancock Bldg (???) (Alcorn 12/4)
- 15070 UK BBC; 2008 EG, world nx, QRM (Plotnick 12/8) 1758 EG, nx (Krist 11/13)
- 15084 IRAN VOIRI; 1418 Persian, speech by M, "Islamic Republic" mt'd, into mx (Barta)
- 15105 ASCENSION ISLAND BBC relay; \*1428-1515 EG, bells IS, ID for "BBC Atlantic Relay 'tn best to w and Gen Afr"; "Discovery" pgm, "R Nxreel", g (Enkenhus 11/11) (Bolland)
- 15120 NIGERIA VoN; 1155-1201, 1630-1659, 1800-1815 EG, pop mx nx (Sharpe, Cobb, McLemore,

15125 TURKEY VoT; 1240 EG, nx of Cyprus, Euromissles, f (Blanchette 11/28)

15130 PORTUGAL R Japan via Sines; \*0700-0730\* EG, JP/EG ID, nx; ex-15235 and a change for the worse since under jammer, p (Wood 11/18)

15130 USA VOFc via WYFR; \*2100 SP, to LAM, nx, ID "La Voz de China Libre" (Wood)

15135 WEST GERMANY DW; 1500 EG, nx, Africa in German Press, f (Zilmer 11/26)

15145 USA WINB; 2245-2251 EG, s/on, rel pgm, f (Brandt 11/17) 2319-2335 GK, ezl mx by orch til 2330, EG ID, into GK w/ M anncr (Brouillette 11/11) 0320 SP, ez mx non stop into s/off ID at 0329 (Smith 12/3)

15155 ECUADOR HCJB; 0040 EG, intl nx, "Todot In Review", "Way To Life" (Alcorn 12/7)

15159 ALGERIA RTA; 2000 EG, nx, into SP 2030, g (Wood 11/3)

15165 DENMARK RD; 1614-1631 DN, nx by W, ID 1616 in DN & EG, tlk of politics by M & W, review of DN press, f (Enkenhus 11/11)

15165 NORWAY RNI; \*1600 EG, ID, "Norway Today" (Krist 12/4)

15170 USA WYFR; 1805-1830 FR, rel mx, tlk by M, f-g (Bobb 12/1) (Smith)

15170T TAHITI RT; 0318 lang, island mx, some unintelligible anncmt, fades; no pos ID

15180 NORWAY RNI; 1600 EG, "Norway Today", //15165, to NAM, SIO 333 (Zilmer 12/4)

15185 SOUTH AFRICA R RSA; 2130-2156\* EG, features (Alcorn 11/30, Cobb)

15185 USA WINB; 2240-2244 EG, rel pgm, s/off, f (Brandt 11/17)

15195 JAPAN RJ; 0130-0200 EG, nx, current affairs (Krist 12/5, Stanley)

15205 USA VOA; 0015 EG, "N-Line" (Krist 11/22)

15215 USA WYFR; 1635-1650 EG, rel pgm, g (Bobb 11/14)

15230 NORTH KOREA R Pyongyang; 2316 EG, nx abt Asia, orch mx (Paszkiewicz 11/27)

15235 CLANDESTINE (LIBYA) Sawt ul Watan al Kebir; 1800 ID, pipe mx, AR; do not confuse w/ VOA AR also here! //15450,17930; g (Wood 11/13)

15235 JAPAN RJ; 2300 EG, econ nx, f (Stanley 11/15)

15240 USSR R Kiev; \*0030-0058\* EG, nx, cmtry on Euromissles (Krist 12/5)

15260 CANADA RCI; 1930-2000 FR, Afr Svc, nx, sports, g (Dillon 11/4)

15265 INDIA AIR; 1950 EG, Indian mx, ID; seems to have cleared up mod prob (Wood)

15270 TAIWAN VOFc; 2300-2332 EG, tlk on CH culture, into SP 2330 (Stanley,Wallace)

15285 CANADA CBC; 1710-1730 Eskimo, tlk by W, mx, ID (Bobb 11/23)

15285nf AUSTRALIA RA; 0358 FR, ID anncmts, mx, f //15320 g (McLemore 11/29)

15290 BRAZIL R Bras; 0200 EG, Braz pop mx, nx (Stanley 11/19, Dillon)

15295 ECUADOR HCJB; 2100-2200 EG, "DX Party Line", f (Krist 11/21, Wood)

15300 UNITED ARAB EMIRATES R Dubai; 1800 AR, letterbox, f (Wood 11/7) 1615-1626 EG, QRM de RFI, //15320, wx, cmtry (Purdue 11/6) Stephany

15300 JAPAN RJ; 2345, 0030 EG, nx, cmtry, f-g (Krist, Trotto, Stanley, Purdue, Tomico, France RFI; 1445 FR, pop mx (Prath 11/12)

15305 MOROCCO UN Radio via VOA; \*1929 EG, ID, "Week At The UN" pgm, f-p (Stephany)

15310v GUINEA La Voix de la Rev; 1825 EG, "Sunday Magazine", tlk on developing nations, occ hilife mx, xmtr drifts + 3KHz; vg (Atkins 11/27) 0700 FR, ID, Guinean mx, vry strong here all day, poss power increase? (Wood 11/18) 2000-2235 FR/vern, speeches to 12th Congress of PDG, cmtry, hilife mx, nx, g (Enkenhus, Stephany, Cobb, Paszkiewicz)

15320 NORTH KOREA RP; 2300 EG, nx, cmtry of Reagan's trip to S Kor (Stanley)

15320 AUSTRALIA RA; 0300 EG, world nx, f (Stanley 11/16) 0700 EG, nx (Sharpe)

15325 CANADA RCI; 1900-1930 EG, to Eur, nx, wx (Dillon 11/4)

15335 SAUDI ARABIA BSKSA; 2153 AR, ID, AR mx, (Jones 11/27)

15340 NETH ANTILLES Trans World Radio; 2254-2300 PT, rel pgm, IS, f (Brandt 11/17)

15340 NORTH KOREA RP; 0020 SP, tlk by M, mx, ID, 0050\* (Jones 11/21)

15345 USA AFRTS; 1904 EG, football games (Krist 11/13)

15345 TAIWAN VOFc; 0100 EG, IS, ID, nx, cmtry, f/out 0120, p (Stanley 11/19)

15345 ARGENTINA RAE; 0100 EG, mx, off 0130, f (Stanley 11/21)

15350 LUXEMBOURG RTL; 1651-1706 FR, ads, radio quiz, "Dix-Huit-Heure" pgm (Enkenhus)

15365 USA WYFR; 2051-2130 EG, Bible reading, g (Bobb 11/28)

15375 SPAIN REE; 2045 EG, letterbox pgm, Spanish nx, sports, DX show, g (Hewitt)

15400 IRAQ R Baghdad; 1800 AR, chives, ID, long listed but rarely rpt'd here (Wood 11/3)

15405 VATICAN VR; \*1400 SP, IS, s/on to LAM w/ nx, //21725 (Prath 11/13)

15410 USA VOA; 1840 EG, top 40 tunes (Purdue 11/4)

15405 SEYCHELLES FEBA; \*1100 AR, rel pgm from Lebanese studio, g (Wood 11/18)

15410 SEYCHELLES FEBA; \*1731-1803\*, \*1815-1833\* lang, IS, Afr-sound M anncr w/ songs, AR-like lang, fair (Jordan 11/26)

15415T BRAZIL R Clube de Riberao; 0014 PT, echo-tlk by M & W, mx, p (Wallace 11/3)

15425T AUSTRALIA ABC; 0339 EG, fairly sure it was; wx, poss cricket cntry (Smith 12/3)

15455 USSR RMWS; 1450 EG, folk mx, //15135,15150,11840 (Prath 11/19)

15470 CUBA RHC; 2100 EG, nx, alternating anncrs, g (Wood 11/17, Alcorn)

15474 ANTARCTICA LRA36, R Nac Arch Sar Gabriel; 2305-0029\* EG/SF, rock mx, big band tunes, request for reports, p-f (Coles, Jones, Brandt)

15485 NEW ZEALAND RNZ; 1700, 0354 EG, ezl mx, wx, //17705 (Smith, Zilmer, Stanley)

15550 USSR RM; 1430 SP, nx, RS mx (Prath 11/19)

15575 SOUTH KOREA RK; 0200 EG, class mx, nx, cmtry (McLemore, Stanley, Gillis)

15600 LIBERIA VOA; 1735-1820 EG, nx ir Special EG, f (Dillon 11/6)

15710 CHINA CPBS; 0515 CH, Beijing opera, not //17605 which was also hrd (Wood 11/25)

17595 BELGIUM BRT; 1700 DT, nx to Afr, SIO 343 (Zilmer 11/28)  
 17565 GREECE VOG; 1540 EG, folk mx, nx by W, to NAM; new freq? (Prath 11/12)  
 17605 NETHERLANDS RN; 1800-1820 AR, AR, SP mx, into FR 1830 (Dillon)  
 17620 FRANCE RFI; 1600 EG, PCA, Afr nx, mx (Stanley, Purdue)  
 17675 EGYPT RC; 1830-1900 AR, nx, tlk on Arab-Isr pbl, f (Dillon 11/7)  
 17690 CUBA RHC; 2050-2130 AR, wld nx, cmtry on Grenada, class mx, g (Dillon 11/13)  
 17700 EAST GERMANY RBI; 1549 EG, mailbag pgm, mx (Purdue 11/6)  
 17705 NEW ZEALAND RNZ; 0100-0355 EG, mx pgm, nx (Stanley 11/22, Plotnick)  
 17710 BRAZIL VOA; \*0100-0120 SP, world nx, p-f (Jordan 11/17)  
 17715 ITALY RAI; \*1400-1425\* IT, to NAM, nx, sports, //21695, f (Wood 11/2)  
 17720 BRAZIL R Bras; 1915 GM, Braz pop mx, has since moved to 17755, vg (Wood 11/4)  
 17720 FRANCE RFI; 1600 EG, nx, PCA, mx (David 11/9)  
 17730 USA WINB; 1900 EG, cmtry on Grenada invasion (Wood 11/16) 1700 GM, rel pgm (Trotto)  
 17745 ALGERIA R Algiers; 2000 EG, nx, mx (Laskowski 11/27)  
 17755 JAPAN RJ; 2220-2300 EG, nx, current affairs (Hewitt, Stanley)  
 17765 USA AFRTS; 0350 EG, football game (Witzig 11/8)  
 17770mf AUSTRIA ORF; \*1230-1255\* EG, "Austria Calling", exc (Krist 11/27, McLemore)  
 17775 USA WRNO; 1930-1945 EG, rel tlk, ID (Bobb 11/14)  
 17784 EGYPT RC; \*1645 Shona to Zimbabwe, 1730 Ndebele, 1700 chimes, ID, march (Wood)  
 17785 SWITZERLAND SRI; 1315-1345 EG, tlk on Sony 2002 vs 2001 (Weinhold) which won? be  
 17790 ECUADOR HCJB; 2000-2005 Swedish, ID in EG then into Swedish (Trotto 12/7)  
 17795 FRANCE RFI; 1610-1630 EG, PCA, Afr nx (Bonnet 11/7)  
 17795 AUSTRALIA RA; 0200-0355 EG, into FR 0356 (Witzig, Stanley)  
 17810 JAPAN RJ; 0100 EG, nx, current affairs (Stanley 11/17)  
 17815 MOROCCO RTM relay Domestic Svc; 1257-1322 AR, instr mx, tlk & nx, f-p (Jordan)  
 17815 BRAZIL R Cultura de Sao Paulo; 0200 PT, orch mx, tlk (Jones, Smith)  
 17840 CZECHOSLOVAKIA R Prague; 1430 EG, mx, cmtry, //21505(222) SIO 322 (Zilmer 12/4)  
 17860 SWEDEN RSI; 1400 EG, nx, SCDX, move from 21615 which was short-lived (Zilmer)  
 17865 VATICAN VR; \*1200 EG, to Asia, nx, f (Wood 11/9)  
 17875 INDIA AIR; \*0955 EG, IS, to NE Asia, //15320, also anno'd 21695, unhrd (Wood 11/24)  
 17875 WEST GERMANY DW; 1635-1700 GM, cmtry, nice mx (Bonnet 11/7) (David)  
 17895 ECUADOR HCJB; 1800 SP, "Informativo Vozandes", nx, f (Wood 11/18) 1500 EG, nx  
 17910 QATAR QBS; 1230-1300 AR, "Rukn il Filastin" i.e. "Palestine Corner"; this  
 freq only used in daytime, otherwise new 9905; vg (Wood 11/24)  
 17940 LIBYA (Clandestine) Voice of the Sudanese Popular Revolution; 1530-1640 AR,  
 rev mx, cmtry, ID "Saut-uth-Thawrat ish-Shaabiyyah as-Sudaniyyah"; on from 1430  
 (Dillon 11/5, Jones)  
 18080 UK BBC; 1500 EG, "Afr Theatre" pgm (Prath 11/20)  
 21465 EAST GERMANY RBI; \*1515-1558\* EG, nx, cmtry on W Germ (Krist 11/24)  
 21470 UK BBC; 1344-1356 EG, pgm on piano composition, f (Bolland 12/7)  
 21477.5 ECUADOR HCJB; \*2129-2159\* EG, "DX Party Line" (Krist 11/14)  
 21480 MADAGASCAR RN relay; \*1427-1509 EG, Asian Svc, nx, g (Enkenhus 11/11)  
 21490 ASCENSTION ISLAND VOA; 1357-1400\* SP, mx, features, f (Bolland 12/7)  
 21500 UK VOA; \*1400 Uzbek, ID in EG, then pgm in Uzbek, g (Bolland 12/7)  
 21545 KUWAIT RK; 1800\* Urdu, three pips, EG ID by W, //1341 which remains on (Wood)  
 21570 SWITZERLAND SRI; 1328 EG, nx, g (Berryman 12/1)  
 21600 RWANDA DW relay; 2012 GM, Afr nx, ID 2014 (Plotnick)  
 21610 JAPAN RJ; 0130 EG, DX corner, nx (Stanley 11/14)  
 21610 ITALY RAI; 1500 IT, sports, to SAm, //17715; g (Zilmer 12/4)  
 21677 PAKISTAN RP; \*1100 Burmese, Qur'an, nx, 1200\* after EG ID, g (Wood 11/18)  
 21685 FRANCE RFI; 1600 EG, PCA, nx, //21620, 21580, 17620, 15300 (Prath 11/19)  
 21700 UAE Dubai; 0530 EG, nx, jingle for "Sunshine Stn" (also used by V o Turkey as  
 I recall), //17775, 17830; vg (Wood 11/17)  
 21720 AUSTRALIA RA; 0700 EG, cricket cmtry, this freq sked \*0755 (Wood 11/25)  
 21720 PORTUGAL RFE via Gloria; 1517 Czech & Slovak, cmtry against "The Day After",  
 then interview w/ J Buckley, RFE/RL Director (Rigas 11/25)  
 21802 PAKISTAN RP; 1000 Urdu, ID for Islamabad, time signal w/ 6 pips, g (Wood 11/17)  
 25615 NORWAY RNI; 1300 EG, NO Jazz Fed, vg (Blanchette 11/6)  
 26020 ECUADOR HCJB; 1730-1800 SP, tlks, f (Jordan 12/1)

In the interest of helping myself and all the other editors, PLEASE follow the following guidelines when submitting loggings:

1. Give the FREQUENCY, COUNTRY, STATION, TIME, and LANGUAGE (preferably in that order)
2. Outline briefly the details heard, including definite (or tentative) ID's, program names, type of music, etc.
3. State your NAME and the DATE heard
4. PLEASE submit your logs on strips of paper approx 1"x8 1/4" (2.5x22 cm) and cut them apart before sending them to the distribution editor. This helps us reduce time and improves the chances that the logging won't be misplaced or lost.

REMEMBER THAT FRENCH ONLY EXISTS WITH YOUR CONTRIBUTIONS. THANKS TO ALL WHO DO!!!!

# LOG REPORTERS

**FRENDX**

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

Happy New Year and welcome to the January '84 edition of FRENDX. Thanks to the following fifty-four members who found time to contribute during the hectic holiday season:

Samuel Alcorn, Morrisville, PA (DX200, ICF6500W); Brian Alexander, Mechanicsburg, PA; Kevin Atkins, Birmingham, AL (R390A, SX110); P. Barta, Toronto, ONT (RF2800); Sam Barto, Bristol, CT; Jeff Berryman, Bronxville, NY (SX190mod); Marion Blanchette, Thonotosassa, FL (DX100, RF260, R600); Norman Bobb, Minneapolis, MN (R600, XCR30); Charles Bolland, Lakeworth, FL (R70, FRG7000); Arthur Bonnet, West Lafayette, IN (DX302); Ralph Brandi, University Park, PA; Paul Brouillette, Hazelwood (St. Louis), MO (DX160); Brian Cartwright, Johnstown, PA (FRG7, R388); Richard Cassidy, Logansport, IN (R1000, ICF2001); Ken Cobb, Portland, ME (RF4900, RF2800); J.P. Coles, Spring, TX (TR7, DX400, DX302); Larry Cunningham, Columbus, OH; Richard D'Angelo, Wyomissing, PA; Ronald David, New York, NY (DX160); Peter Dillon, Philadelphia, PA (4000-1); Kurt Enkenhus, Silver Spring, MD (NRD515); Marlin Field, Hillsdale, MI (SPR4, SX100); George Nelson, Fayetteville, NC (DX302); Neil Gillis, Reading, MA (R70); Michael Hawk, Hampton, VA (World Monitor II, XCR30, DX150B); Al Hewitt, Kingston, MI (DX300); Brian L. Jones, Houston, TX (DX302); Rufus Jordan, Pittsburgh, PA (DX302, Zenith Transoceanic); Kraig Krist, Falls Church, VA (FRG7700); Terry Krueger, Casselberry, FL (R70, RF4900, RF2900, ICF2001); Tom Laskowski, South Bend, IN (ICF-2001); Bill Mayer, Allentown, PA (DX200, TCS12); John McKellar, Mountain View, CA; Travis McLemore, Clearwater, FL (FRG7); J. Conrad Meaders, Atlanta, GA (DX302); Mike Nikolich, Chicago, IL (SPR4, HQ180); Sheryl Paskiewicz, Manitowoc, WI (DX302); J. Gary Pate, Baltimore, MD (R1000); Alan Plotnick, Hamden, CT (R7); John Prath, Ft. Lauderdale, FL (FRG7000, FRG7, RF4900, DX160); Ronald Purdue, Byron, MN (DX300); Steve Reinstein, Miramar, FL (R70); Chris Rigas, Chicago, IL (R2000); Bryan Sharpe, Castro Valley, CA (DX302); Christopher Smith, Plainfield, CT (R1000); Nolan Stephany, Williamston, NY (R392); Robert Tomko, Belle Mead, NJ (ICF-2001); Ron Trotto, St. Cloud, FL (DX100); Dave Valko, Dunlo, PA (DX160, FRG7, R388); Steve Wallace, Sinking Spring, PA (R4B, HQ180AC); Terry Weinhold, East Earl, PA (R1000); Eric Witzig, Annandale, VA (R1000); Richard E. Wood, Abha, Saudi Arabia (R7, R1000); Robert Zilmer, Rio Rancho, NM (R1000, ICF5900W).

Some interesting facts about last year's contributions: Only three members managed to contribute to each of last year's issues. A special salute to Rufus Jordan, Dave Valko, and Terry Weinhold for this noteworthy achievement. Incidentally, the total for individuals who contributed last year is 191, or roughly ten percent of NASWA membership. Let's see if we can beat that this year.

And finally, a collective thanks to all who sent their holiday greetings.

73's and good DX,



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

Radio Monte Carlo, Radio 210, WEMP, Disco-99, European Music Radio, WBWA, Amateur Radio, KPLU, WXQR, Radio Reporter, WJNC, WBTW, Radio Tees, Radio Canada International, Radio France International (red) (blue) (large) (circular), Radio Vatican (small) (square) (semi-cir.), Radio Sweden International (large) (circular), NCBW, KCPM, ANARC, CKGB, CPTI, Radio Moscow, Radio Berlin International, Radio Nacional de Espana (soccer) (circular), WDR Radio (rock) (small), Radio 270, WOMR, KPOG, 55-Country, WMET, 6WF, Radio Derby, Rete Quattro, KBAM, Polskie Radio (green) (blue) (gray) (orange), Radio Budapest, BDXC, ORF, PKBY, 12B, Metro Radio, WGLB, KBOI, KPNN, WQMF, KOME, KDKD, WCFL, KIXQ, WEZZ, WLRS, WEEI, WZZO, KROY, WLUP, KLOS, KLOL, WINS, WDET, WPLJ, and ESPN..... The following stickers/decals are available for \$ .50 each: WERE, Deutsche Welle (green) (blue) (red), 2CH, BBC Radio One, Radio Peking (black) (blue) (green), Radio El Mundo, Radio Nederlands (circular) (square), KTTS, KGBX, BRT, 4MK, ANARC (large), Radio Vatican sticker-pennant, WDR-TV, RTE Radio 2, Radio Rumbo, CKCR, Radio London-266, Radio Avon, 2YB, Radio Rhema, GDXC, Radio Waikato, Canales TV, Radio City-299, and Radio Caroline (white) (black).

**HAP BID ITEMS:** ITEM #168: Netherlands World Broadcasting a feature publication by R.D. Haslach 110 pages on the history of radio in Holland with dozens of rare photographs! #169: KHLO (Hawaii) sticker (3x9")/m/c. #170: Peter Flowers Radio (Italy) sticker (2x20") green, white. #171: WRBQ "Hot Air Balloon" sticker, m/c-sharp! #172: Voice of Asia (Taiwan) circular pin, m/c!!! #173: WYFR sticker (4x6") yellow, B&W. #174: WBHD sticker (3x10") red, white, blue. #175: Radio Monte Kanate (Italy) sticker (4.5" cir)/m/c. #176: WCOZ sticker (5x7")/m/c-beauty! #177: Radio Golfo Ligure (Italy) plastic sticker (3x4") blue, white. #178: Gamma Radio (Italy) sticker (3x5.5")/m/c. #179: WHIT sticker (4x6")/m/c-beautiful! #180: Radio Clyde (Scotland) sticker (2.5x22") red, white. #181: Radio Luxembourg sticker (4" cir) red, white. #182: Radio Norway cloth flag-pennant (2x3") red, white, blue. #183: BBC Radio 2 (UK) paper banner (2x11") yellow, B&W. #184: BBC-WS sticker (1.5x11") red, white, blue. #185: Radio Tirol-Wundervoll (FRG) "Dog" sticker (2.5x4") red, B&W. #186: Radio Tirol "Eagle" sticker (4x4") red, B&W. #187: Radio 3 Stuttgart (FRG) sticker (4.5" cir)/m/c-nice! #188: SWF-Radio Landestudio (FRG) sticker (4x5.5")/m/c. #189: Radio Stuttgart (FRG) "Horse" sticker (4" cir) m/c-beauty! #190: NDR Radio (FRG) "Walrus" sticker (5.5" cir)/m/c-super!!! #191: HR3 Radio (FRG) sticker (3x4.5")/m/c. #192: DLF Radio (FRG) sticker (4x6")/m/c-nice! #193: Kurpfalz Radio (FRG) sticker (5" cir) m/c-beauty! #194: Bayerischer Rundfunk Radio (FRG) sticker (4" cir) blue, B&W. #195: BRF Radio (FRG) sticker (3.5x5.5")/m/c. #196: Radio Bayern (FRG) decal (4x6") blue, white. #197: Saar Radio One (FRG) sticker (4" cir) m/c-beauty! #198: Ulmer-Samstagradio (FRG) sticker (4.5" cir) m/c-very nice item! #199: HCBJ-EM for Quito/Esmeraldas sticker (3x8") B&W-sharp! #200: Radio City One (Italy) sticker (3.5" cir) red, B&W. #201: Radio Mediterranean (Malta) sticker (4" cir) m/c-nice! #202: Voice of Tomorrow (US Pirate) QSL card (3x5")-rare! #203: Radio Nederland plastic coaster (3x4.5") red, white, blue. #204: Radio Nederland plastic puzzle game (same as RFIs) (3x3") red, white, blue. #205: Radio Nederland plastic/paper address book (2.5x3") red, gold-nice! #206: Radio Nederland large cloth carrying bag w/ Logo, red, white, blue-very, very nice! #207: Radio Polonia new double sided, plastic enclosed cloth pennant with frill (!) (5.5x9") red, B&W-beautiful! #208: Radio Nederland cloth pennant (4x6") red, white, blue. #209: Radio Polonia stick pin, red, white, silver. #210: Radio Nederland new lapel pin, red, silver, blue-beautiful! #211: Radio Nederland B&W money pouch. #212: HRVC (Honduras) cloth pennant (6x10") blue, B&W. #213: RAE (Argentina) paper pennant (4x8") blue, white, orange. #214: NBC (Papua) paper pennant (3x6") yellow, brown. #215: Radio Veritas (Philippines) cloth pennant (3x5.5") blue, white. #216: Manx Radio (Isle of Man) sticker (3.5x5")/m/c. #217: Radio Freedom (New Zealand) sticker (3x6") red, white. #218: RBI (DDR) cloth pennant "Logo" (5x8")/m/c. #219: RBI cloth pennant "Bear" (6x9.5") nice! #220: Radio Nacional de Espana cloth pennant (4.5x8")/m/c-nice! #221: Radio Veritas cloth pennant (4x7.5") blue, white, yellow. #222: Radio Veritas cloth pennant (4x7.5") yellow, B&W. #223: HCBJ paper pennant (4x9") yellow, black. #224: IBC (Italy) sticker (3x5") purple, white-nice! #225: Radio West (UK) pen, red, white, blue. #226: Radio Japan 3 different QSL cards (4x6")/m/c. #227: CFOX sticker (4.5" cir) m/c-beauty! #228: KNU1 (Hawaii) sticker (3x7.5") red, white. #229: WYNN "Rock n Roll Pirates" sticker (3.5x9")/m/c. #230: WDAE "Tampa Bay Bucs" sticker (3x9.5")/m/c. #231: Radio Mexico sticker (3.5x4.5")/m/c. #232: Radio Libertaire (France) sticker (3.5x4") B&W. #233: Radio Nottingham (UK) decal (3x7")/m/c. #234: Italia-TV sticker (3.5x4")/m/c. #235: Radio Sweden poster (11.5x17")/m/c-very nice! #236: Red Rose Radio (UK) decal (5x5")/m/c. #237: KAOI (Hawaii) sticker (3.5x7") blue, B&W. #238: WVVI (Virgin Island) sticker (3x5") blue, white-rare! #239: AGC (Australia) "Boat Safety" sticker (7" cir) m/c-beautiful! #240: Radio Nacional do Brasil sticker (4x4")/m/c. #241: VOA sticker (3" cir) red, white, blue. #242: Radio Forth (Scotland) decal (5x6") orange, B&W. #243: DLF Radio (FRG) sticker (5x5.5")/m/c. #244: Radio Koper-Capodistria (Yugoslavia) sticker (2.5x3")/m/c-nice! #245: Europe #1 (FRG) sticker (2.5 7.5")/m/c. #246: Radio Cayman (Cayman Islands) sticker (3.5x12") orange, B&W-rare! #247: Radio 210 (UK) pencil, red, gold. #248: Radio 210 metal badge (1.5" cir) red, B&W. #249: Radio 210 decal (4.5" cir) red, B&W. #250: Radio Korea double-sided paper pennant (4x8")/m/c-very nice!

**ADDRESS:** Please send your bids and purchases for direct sale items to: Sam Barto, 47 Prospect Place, Bristol, CT, 06010 USA. Minimum order of \$3.00 - if you can. Thank you...Sam.

**ADDITIONAL DIRECT SALE ITEMS:** These are available at the quoted prices: WLPX, WMMR and WMEI metal badges at \$ .25 each; mini-posters at \$ .25 each from Radio London, Radio Nord, Radio West, Radio Duomo (car) (woman), Voice of Syncom, Radio Caroline and Radio Fil Rose; RBI book-marks at \$ .25 each; WMMR book covers at \$ .25 each; metal "Antenna" badge at \$ .25 each; while they last RCI plastic pennants at \$1.50 each; WWWE large litter bags at \$ .50 each; RCI QSL cards (Council) (Broadcasting Year) at \$ .25 each; RCI ID photos at \$ .50 each; and Radio Peking book markers at \$ .25 each....Have a great 1984!!!!!!...Sam.

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