

# FRENDX



## ANARC 1983

Washington Area DX Association  
(WADXA)

Association of North American  
Radio Clubs

606 Forest Glen  
Silver Spring, Maryland 20901

JULY 15 - 17

JULY 1983



# ROLL CALL????

We welcome 90 new and returning NASWA members who have joined the ranks since our last listing which appeared in the May issue of PRENDX....We hope they find their new association to be helpful.

- Joseph M., Panama City, FL  
Y, Mark E., Charlotte, NC  
EY, Murry, Athens, GA  
EL, Ned L., Delta, OH  
R, Dan, Amherst, NY  
Kevin G., Rocky Mount, VA  
Russell, Ardmore, OK  
Dieter, Murrysville, PA  
LY, Michael, Vincenttown, NY \*\*  
N, Bernard A., Wichita Falls, TX  
N, Tim W., Glenview, IL / PA  
DOOLE, Mrs. E. Spencer, Pottstown  
Jody P., Spring, TX  
EST, Harold, Lynbrook, NY  
TT, Carl, Ponca City, OK  
INGER, Rick, Milwaukee, WI  
STON, Barry, Ithaca, NY  
Jeff, Garden Grove, CA  
N, Ronald L., Kankakee, IL  
LI, Frank, Smithtown, NY \*\*  
Walter, Rochester, NY  
Walter, Portland, OR  
David, Lauderhill, FL  
ERG, Howard, Charlotte, NC  
S, John S., Newtown Square, PA  
E, Lester, Los Angeles, CA  
George W., Arlington Heights, IL  
David M., Houston, TX  
Joseph L., Odon, IN \*\*  
EY, Wayne, Angleton, TX \*\*  
AK, Don, Peoria, IL  
Takayuki, Tokyo, Japan  
E, William Y., Malta Bend, MO  
ON, Robert J., Haddonfield, NJ  
SKE, B.H., Bethesda, MD  
Jon, Earlsyville, PA  
ID, Robert V., Sharpsville, IN \*\*  
James C., Jr., Lexington, KY  
Warren P., Beaver Dam, WI  
R, John, Seattle, WA  
Mitchell E., San Jose, CA  
R, Donald J., Boyertown, PA  
James P., Beloit, WI \*\*  
Sergio G., Jr., Tampa, FL  
MARTIN, Michael E., Plainfield, IN  
MARUO, Ichiro, Matsubara, Japan  
MASLIN, Charles W., Westfield, NJ  
MERCER, William H., Collegeville, PA  
MINNICK, Frank, Newark, DE  
MORROW, Greg, Austin, TX  
MYRAND, Jean Louis, Ste-Foy, P.Q.  
NAKAGAWA, Masaru, Gosen-City, Japan  
NELSON, Alton S., Zumbrota, MN  
NICOLOSI, Mike, Howell, NJ \*\*  
NIEHAUS, Karl F., Omaha, NE \*\*  
NOLL, Edward M., Chalfont, PA  
O'BRIEN, Joe, Bronx, NY  
PALMER, Joseph, Dallas, TX  
PROKOP, Larry, APO San Francisco  
ROBINSON, James F., Coatsville, PA  
ROSENBERG, Harold, Montreal, P.Q.  
RUBIO, Richard D., APO New York  
RYMARZ, Martin E., Bolingbrook, IL  
SCHWARTZ, Mike, APO New York  
SEVACKO, Robert J., Dublin, PA  
SHERER, Robert A., Lagrangeville, NY  
SINCLAIR, Norman, Salem, IL  
SMITH, Gerald G., Richfield Springs, NY  
SQUIRES, John E., Kennett Square, PA  
STEFFEN, Fred W., Lexington, KY  
SUCHERNICK, John, Howell, NJ  
SUZUKI, Hideo, Aichi, Japan  
SUZUKI, Satoru, Nagoya, Japan  
TAYLOR, Brent S.D., Fredericton, N.B. \*\*  
TETRO, Rene F., North Wales, PA  
TIEDMANN, Warren L., Hesperia, CA  
TINDALL, Bruce M., Chapel Hill, NC  
TROTTO, Ron, St. Cloud, FL  
VOLTEC, Tom, West Mifflin, PA  
WALLACE, John E., Jr., Laguna Hills, C.  
WARD, Terry A., Cedar Falls, IA  
WEBBER, Dennis, Des Moines, IA  
WHITAKER, Joel, Fanwood, NJ  
WHITE, Frederick N., Jr., Rockville, MD  
WILSON, Ralph W., Havertown, PA  
WOISLAVSKY, Irwin, Flushing, NY  
WOODY, Thomas V., Oklahoma City, OK  
YUCAS, Vinny, Marshfield, MA \*\*

\*\* Welcome back to NASWA after a short absence!!

Richard, Winnipeg, Man.  
N, Elaine, Akron, OH  
next listing will appear in the September issue of PRENDX.

# NASWA

## HEADQUARTERS REPORT

NORTH AMERICAN SHORT WAVE ASSOCIATION

45 WILDFLOWER ROAD, LEVITTOWN, PA. 19057

### LATEST ON WHITE'S RADIO LOG

A letter dated June 10, 1983 from Don Gabree states that the typesetting is complete, cover work would be done in a week, and the revised target date of the end of June for mailing copies should hold barring unforeseen events. The price is \$3.95 plus \$1.00 shipping. Write to Worldwide Publications, Inc., P.O. Box 5206, North Branch, NJ 08876.

### OLD DOMINION DX'ERS

DX'ers in Eastern Virginia and Northern North Carolina who would like to meet with other DX'ers on a regular basis are invited to join Old Dominion DX'ers in Norfolk, VA. Those interested can contact NASWA member Charles R. Foxx, Jr. 2932 Myrtle Avenue, Norfolk, VA 23504. His phone is (804) 623-0362. For information on the club, please call after 0200 UTC. Charles adds that he's interested in hearing from members anywhere who own the R-2000 receiver.

### GREENPEACE REQUESTS HELP

The following letter was received from Greenpeace Radio, 435 Utah Street, San Francisco, CA 94110

"Greenpeace asks your help. We are trying to find out what frequencies the Japanese whaling fleet operates on, and in what modes. We hope to monitor Treaty compliance and geographical area of operation. Any information that you could provide would be greatly appreciated, and if you could pass this request on to anyone who might be able to help, we would also greatly appreciate it. Any available information on any whaling radio operations, particularly the "pirate" (non-Treaty) whalers, would also be appreciated."

### "TUNE IN THE WORLD"

Global Village Press, P.O. Box 1345, Jeffersonville, IN 47131-1345 sent an announcement on the new book "Tune in the World, A Listener's Guide to International Shortwave Radio" by Kenneth O. MacHarg who brings over 25 years of listening experience to the material which was provided especially for the book by each station listed. This paper back book contains profiles of over sixty international broadcast stations with daily program schedules, pictures of personalities and shortwave facilities and other information not available elsewhere. The announcement states further that the volume is designed as a handbook for the experienced listener as well as an introduction for those who are new to the international bands. Publication price will be \$8.95 with a publication date set for September 30, 1983. A special pre-publication price of \$7.95 including postage in the U.S. and Canada is available through September 30, 1983. Residents of Indiana must add 5% Sales Tax.

### NASWA TROPICAL BANDS GUIDE 1983

Lists 2000-5900 kHz Log Reports from 2/76 to 1/83. Exact frequencies, skeds with variations or fade in/out times, NA Rarity Guide, country/city/station name check boxes for heard/QLS'ed/taped, miscellaneous notes, intro with abbreviations, etc. Price is \$3.00 in North America, \$4.00 elsewhere by air from George Sherman, Box 2284, Minneapolis, MN 55402.

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: AEA MBA-RO teletype reader, power supply and stand, World Press Services Frequencies and Gilfer Guide to RTTY Frequencies, \$270.00. One month old and mint. Drake 2-B with 2-BQ Q-Multiplier, \$165.00. Heathkit DX-60B transmitter, HG-10 VFO and HR-10B receiver, \$150.00. I ship. Steven R. Lare, 824 West 25th Street, Holland, MI 49423.

FOR SALE: Yaesu FRG-7 modified with 4 kHz and 2.4 kHz ceramic filters and with modified AGC plus a GAR-7 4-digit readout. Both in mint condition. I have \$560.00 in them and I'm asking \$350.00. Gary Hickerson, P.O. Box 3135, Ft. Smith, AR 72913. Phone (918) 626-3945 after 5 pm CDT.

FOR SALE: Drake R-4C in excellent condition. Recently modified and aligned by Sartori Engineering with a narrower Sherwood 1st IF filter, 3 solid state tube replacements and Drake update modifications. Coverage is 120-16 meters. Price \$475.00 negotiable. Chuck Mitchell, 133 Carlin Drive, Carmel, IN 46032. Phone (317) 846-8874 after 2230 GMT.

FOR SALE: (1) Drake SPR-4 and MS-4 speaker. Noise blander. Modified to use 2.4 kHz filter on AM. All SWBC crystals and others. Excellent condition. Price \$275.00 plus UPS. (2) Hammarlund HQ-180 AX and matching speaker. works all right but needs alignment. Chassis clean. Price \$215.00 plus UPS. (3) Hammarlund Sp-600-JX17 General coverage receiver for .54 to 54 MHz. Excellent condition. Prefer pickup, but would ship freight collect or deliver within 150 miles. Price \$250.00. (4) Drake R-4A with notch, calibrator, noise blander, all ham and SWBC crystals and others. Very good condition. Price \$235.00 plus UPS. No reasonable offer refused on these items. Jerry Strawman, 519 30th Street N.E., Cedar Rapids, IA 52402. Phone (319) 362-7124 after 0000 GMT.

FOR SALE: Drake R-7 receiver 1 1/2 years old with 2.3 and 4.0 filters installed. Also has MS-7 speaker, Eavesdropper antenna, dust cover, and Transi-trap lightning arrester. In mint condition. Price \$950.00 or best offer. don Sardone, 622-B Clarkson Avenue, Elizabeth, NJ 07202. Phone (201) 527-8669 after 1700 hours.

FOR SALE: National NC 183D receiver. Covers .54 to 31 MHz plus 6 meters. Ham band-spread. Five step selectivity with crystal phasing (tunable passband). Very good condition mechanically and very clean though some minor scratches. Excellent audio - HiFi SW! Very big and heavy so I'd prefer local, but if you really want to pay shipping...? Price \$130.00 or offer/trade. Norman Wald, 3138 North Seminary, Chicago, IL 60657. Phone (312) 935-0588 after 6 pm central time.

WANTED: I would like to obtain a manual or copy for a Hallicrafters Model 75-53A. Please contact George Jelen, Rt. 3, Box #216, Archbold, OH 43502.

FOR SALE: Yaesu FRG-7000-424 with Gilfer 4.0/2.4 modifications, dust cover, SP-120 speaker, YH-55 headphones, original carton and manual. Mint condition, used less than 25 hours. Price \$400.00, I pay shipping. Frank Funelli, 74 Mt. Pleasant, Smithtown, NY 11787. Phone (516) 265-3531 evenings.

WANTED: Back issues of Review of International Broadcasting from December, 1982 to May, 1983 (Issues 71 to 76). I will pay \$2.25 for each issue. If you are interested in selling, please write to Frank John Petrick, Box 101 Twist Run Road, RD 3, Endicott, NY 13760.

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

**FOR SALE:** Kenwood R-1000 receiver with selectivity and AGC modifications; excellent condition. \$295 plus shipping. Bob Hill, 854 Coleman Avenue #G, Menlo Park, CA 94025. Phone (415) 329-1480.

**FOR SALE:** Kenwood R-1000 with DC Adaptor \$350.95.  
1981 wrth handbook \$16.95  
Shortwave Listening Guide \$3.00  
Information on new beam antenna send sase  
Danny Dankart, 13672 Fairmont Way, Tustin, CA 92680

**FOR SALE:** Mint Gilfer YAESU FRG-7 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 Volts DC. \$235.00  
Larry Albert, P.O. Box 83, Chestnut Hill, MA 02167 (617) 254-6398

**FOR SALE:** Realistic DX-100 with manual and original carton \$50.00. Like new and I will ship. Lou Wack, 6712 Columbia Pike, Annandale, VA 22003 (703) 256-2165.

**FOR SALE:** Kenwood R-2000. Terrific rx with digital readout and two separate 24 hour clocks \$470.00 (Want to buy Kenwood 420-S transceiver) Dale E. Long, 266A Long Lane, Lititz, PA 17543. (717) 626-8794.

**FOR SALE:** Info-Tech M200F RTTY and code converter in like new condition. \$375.00, includes UPS in USA. Richard Kawa, 3296 Abbott Road, Orchard Park, NY 14127 (716) 825-2662.

**FOR SALE:** YAESU FRG 7700 in mint condition with Gilfer Modified mechanical filters and improved selectivity for \$400.00 call evenings or weekends (516) 935-0380. Vasant Shridharani, 96 Cedar Drive, Plainview NY 11803.

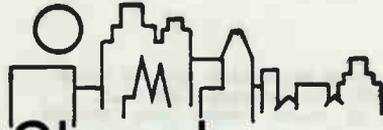
**FOR SALE:** MFJ-1040 brand new all band receiver pre-selector in original box with instructions. 1.8 to 54 mhz, up to 20 db gain, 20 db attenuator, takes two antennas \$79.00. You pay postage and insurance. Alan Piotnick, 77 Woodlawn Street, Hamden, CT 06517. 203-281-3913, after 6:00 P.M.

**FOR SALE:** Hallicrafters SX-100 general coverage receiver. Great shape, selective and sensitive with notch filter and five filters (5,3,2,1, .5 kHz). Aligned, new tubes, SO-239 coax connector added 11/81. Complete manual with schematics, \$175.00. Steve Pacetti, 12751 W. Alameda Drive, Lakewood, CO 80228, 303-985-2475. 0000-0004 weekdays, no collects.

**FOR SALE:** Modified YAESU FRG-7 in excellent condition. Two selectivity positions: Gilfer 3 kHz or Radio West-installed 2.9 kHz mechanical filter, switchable fast/slow AGC. In original carton with manual, includes matching speaker and Gilfer GAR-7 digital readout. \$400 for all of above, I pay shipping and insurance in 48 contiguous states. Gene Nix, 428 Prairieview Drive #A, Gillette, WY 82716 307-682-2623.

**WANTED:** A copy of the manual (including schematic diagram) for a National NC-183 receiver (circa 1950). Please contact me if you can make a copy of yours, and I will send copying charges. Also interested in buying a National Selecto-Ject plug in unit for the NC-183. Bill Martin, 43 Hurst Road, Wilmington, DE 19803.

**WANTED:** DX-ers to travel to Indonesia this fall. With at least 15 people, we can spend 3 weeks in Java, Bali, and Sulawesi for about \$2200 (air, transport, hotel). Visit RRI hq; hopefully, smaller stations. Hear gamelan without QRN. Free stopovers in Asia (cheap electronics). Austin Kelly, 312-471-0454 0000-0500 GMT weekends, or 6509 S. Kedzie, Chicago, IL 60629.



# Shortwave Center

July 1983

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

As announced last month, Ed Shaw will be leaving us. His last column was this month. Regrettably, John Moritz has also asked to "pass on" his column, but is appreciative of those who took the time to share their columns with him. To Ed and John....thanks! You'll both be missed.



## Daytime DX by Al Sizer

Most DXing is done in the hours of darkness, or those short periods just before dusk or dawn. So what do DXers do when the sun comes up? Perhaps they go away into their graves, like Dracula, awaiting the next setting of the sun. Or more likely they turn to other pursuits--like work. I've had a lot of fun through the years in turning to the 13 meter band (21450-21840 kHz) when the lower bands are silent. I won't try to make you think that the thrills here are anywhere near comparable to those of logging new stations and countries in the tropical bands. Nor would I regret the loss of a single country if I eliminated 13 meter band DXing from my records. But I have had fun.

DXing in the 13 meter band is pretty much restricted to daylight hours here at my Connecticut QTH, although I hear Australia, Japan and the Philippines well at night. It also has a direct relationship to the frequency of sun spots and, as the frequency of those goes down in the next solar cycle, reception conditions will wane.

If you don't log a target one day in the 13 meter band, don't give up trying. Like no other band I know of, it has a tendency to shut completely at times.

An example: Qatar is a country I had not logged here and when I saw the May FRENEX that it had been reported on 21525 kHz by Prof. Richard in Saudi Arabia, and learned it was scheduled until 1300 sign-off, I immediately put it on my target list. For two successive days I heard absolutely nothing; on the third day it was in strong and clear.

I have made 257 loggings in the 13 meter band and heard 60 countries. The only country I have seen logged in FRENEX in the past has not been logged by me: Libya.

Below I offer a list of countries I have logged, not with the claim that it is exceptional, but with the hope of encouraging other DXers to try the 13 meter band. I know other DXers can top this record and I'd love to hear from them.

My countries:

Algeria, Armenia, Asiatic USSR, Australia, Azerbaijan, Bangladesh, Belgium, Bulgaria (R. Moscow), Canada (Brazzaville), Cyprus, Czechoslovakia, Ecuador, Egypt, England, Estonia, European USSR, France, German DDR, German FR, Ghana, Greece, Hungary, India, Israel, Italy, Japan, Kazakh, Kirghiz, Kuwait, Latvia, Lebanon, Malagasy, Malta, Mexico, Netherlands, Netherlands Antilles, Norway, Pakistan, Philippines, Poland, Qatar, Romania, Rwanda, Saudi Arabia, South Africa, Spain, Ireland, Tadzhik, Tangier, Ukraine, UAE (Dubai), U.S.A., Uzbek and Iran.

(Note: The station logged by many as Morocco on 21735 kHz, in the past should be classified as Tangier, I believe.)

# HRXX, La Voz de la Mosquitia -

*the saga continues.* by John Moritz

HRXX took to the shortwaves on January 23, 1961, on a frequency of 4910 kHz, the idea of the Reverend Landon Wilkerson, an independent Baptist Missionary who has spent seventeen years in Honduras with his wife and family helping the Miskito Indians.

First heard by Pitt McNeil in Washington, DC, the identification of the station was initially thought to be La Voz de Justicia, until a week or so later, when the correct ID was clearly noted.

On the air from 1200 to 0300 GMT daily, initially, they were sporadically heard during the evening hours with homespun broadcasts in Spanish, Miskito dialect and English. The broadcasts were notable for their "as it happens" quality, with the announcer suddenly noting on occasion that he had just stomped a scorpion, or that some unknown creature had just flown into the studio and he was not sure what to do. They also sent out greetings and personal messages to friends in the U.S. and elsewhere.

However, quickly after taking to the airwaves, the station was beset with equipment problems that put it on and off the air at an astonishing rate. Because of this situation, and the rather unique approach to broadcasting by the station, it was felt by many DXers that a QSL from this one would end up being a prized possession. I counted myself among the few lucky people who received an early report.

**HRXX**  
**LA VOZ DE LA MOSQUITIA**  
1200 to 0300 KHz  
**PUERTO LEMPIRA, HONDURAS**  
**CRISTOPARA TODOS**

It is now two years since HRXX took to the airwaves and although they rarely, in a recent letter to me from Reverend Wilkerson, he made no reference to equipment trouble; and noted that they were on the air daily from 1100 to 0400 GMT.

The reason for HRXX, according to Wilkerson, is to "proclaim the gospel of Jesus Christ to the Miskito Indians and to provide, practically, the only station they can receive in this area on small radios". The area he speaks of is Puerto Lempira, a remote part of Honduras located in the easternmost territory of the country, which has an average rainfall of 125 inches during two rainy seasons, according to Wilkerson. Temperatures range from a sometime high of 128 degrees in July and August, to a low of around 55 degrees in November.

Wilkerson says he picked shortwave for his station to save money. He continues, "with no radio, television, or newspapers or magazines in the area, broadcasting offers a challenge to furnish TRUTH to many in many fields and now to counter the communist Nicaragua atheist radio".

The broadcasts continue in Spanish, Miskito dialect and English. Wilkerson informs that over the past two years they have sent out confirmation of reception to 39 states and 21 foreign countries. In addition to the radio station there is also a clinic and theology institute. Current plans for the radio operation, according to Wilkerson, are for HRXX to go to the standard broadcast band, perhaps as early as this July, on 750 kHz, to continue the shortwave operation in the evening only.

If you are fortunate enough to log La Voz de la Mosquitia, the Reverend Wilkerson can be reached at Mision Bautista, Depto. Gracias a Dios, Puerto Lempira, Honduras. He will be glad to hear from you.

Thank you, as always, for your contributions and suggestions for articles. Your ideas are excellent!

Richard Wood suggests I review the guidelines for submitting material to SWC. Very simply, if you can submit camera-ready manuscripts (i.e. I don't have to type or retype for you), please keep your margins within 7 5/8" and page depths to 12" per page. Please single space? If you can't manage that, I'll be happy to help, provided your work is legible. That's about all you have to know! I'm looking forward to hearing from you.

# The Inverted-V Dipole Antenna....

## Try It, You'll Like It!!

by Chuck Bolland, KA4PRF  
4066 Aster Ct.  
Lakeworth, FL 33461

I often hear comments from fellow DXers that they are frustrated because they haven't the area to string up a good long antenna. They say their lot doesn't have any trees or high supports that can be used to stretch a longwire between. I say to them: Don't give up! There is an antenna that can be used in very limited space with only one support. However, if an antenna of this type is going to be erected, one must disregard some traditional ideas in antenna construction. Two of these ideas are height and shape.

Have you erased those two characteristics of antennas from your mind? Then the best all-round antenna is an inverted-V dipole. Now, I will probably hear from someone telling me that I am mistaken, but bear with me. Presently, I have two inverted-V dipoles which have yet to be surpassed by any other type of antenna I have constructed or bought. One of the V's is cut for 80 meters with 62 foot legs. The other antenna, also an inverted-V, has legs 150 feet long. Considering the size of my yard, 85 ft. by 150 ft., that's an accomplishment getting those two antennas up.

Before I tell you how I did it, let me try to describe some of the signal characteristics of the inverted-V dipole. First, it is very broad-banded. I get good to excellent gain on all the bands with both of the inverted-V's. When using an antenna tuner, I really pull in good signals. Next, the inverted-V is pretty omni-directional serving well as a main antenna. Finally, there is a marked decrease in RF noise compared to a longwire. In fact, the second V I mentioned above (with the 150 foot legs), was once a 300 foot longwire which had too much noise before it became an inverted-V.

It took me awhile before I built and installed my first inverted-V. I always felt that just a regular dipole was sufficient, but when I got my amateur radio operator's license, necessity forced me to install the 80 meter inverted-V. The V became my main antenna, both for transmitting and SWL/DXing on the SWBC bands. To transmit, I purchased and built the Heathkit SA-2040 Antenna Tuner...but for just ordinary receiving, no tuner was necessary.

I was always under the impression that the entire antenna had to be very high off the ground, the legs as well as the apex, to be a good antenna. This was an incorrect assumption on my part. Another bad assumption was my belief the legs of the antenna had to be straight to work. Not so! The only requirement that had to be maintained was at the apex, where the two legs meet at the insulator. Here a 90° angle had to be maintained. A larger angle could be tolerated, but not a smaller one, which is a very simple requirement.

When my first inverted-V had been installed, what did it look like? The height of the V was about 40 feet, hung from a ping tree on the edge of my yard. One of the legs sloped down at about a 220° angle from the center. Since there was plenty of yard in that direction, the leg of the antenna remained straight. However, the other leg of the inverted-V did not have the space it needed (the tree was about 30 feet from the property line in that direction), so I had to zig-zag it to the ground while maintaining the 90° angle at the apex above. I used nylon string to guide it in a zig-zag direction, forming a Z. Each leg ended up at about 7 feet from the ground at its base.

My second inverted-V dipole is located in the same tree, about 10 feet away from the 80 meter inverted-V. It is a much greater antenna in the sense that each leg is 150 feet long and each leg is shaped like the letter Z as it descends towards the ground. I found after I had this particular antenna finished, it didn't have the gain that I expected. I stood back and took a good look at the antenna and found that the angle at the apex was less than 90°. After taking care of that matter, the gain increased considerably.

I recommend that the wire you use to construct your inverted-V be heavy gauge speaker wire. Radio Shack is one source where this wire can be purchased, although other less expensive sources can be found. If you separate the two strands of speaker wire, they can be soldered together to make one long strand, or they can be hung as each leg of a shorter inverted-V. Regardless, this wire is well insulated and will not ground out as easily making it excellent for limited space areas.

So having limited space and only one high support, one can erect an exceptional shortwave antenna using the inverted-V dipole. If no trees are available, a television antenna mast can be used as a support. Inverted-V dipole antennas do not have to be very long, as before I built my antenna tuner, I had an inverted-V for each of the higher amateur bands. I found that even the shorter antennas worked well on shortwave. So one should, at least, try an inverted-V antenna to see how it works in his own situation. You'll be surprised!

THE NEW YORK TIMES, SUNDAY, MAY 29, 1963

## Moscow's Facade on War and Peace Cracks a Bit

By SERGE SCHMEEMANN

Special to The New York Times

MOSCOW, May 28 — Twice in recent days the facade of unanimity on matters of war and peace that the Soviet authorities try so hard to maintain has cracked.

First, it was a newscaster on the Moscow radio's English-language service who reaffirmed a report on Afghanistan to cast Soviet troops in the role of villains. Then British women campaigning for peace urged officials of the state-backed Soviet Peace Committee by arriving at a formal meeting with

one of Moscow's diehard pacifists in town.

In both cases, what primarily focused attention on the incidents is the Kremlin's refusal to permit more than one opinion, its own, on any issue.

The women who upset Moscow's appointed peace activists were two organizers — Ann Pettit and Karen Cutler — of the continuing protest against the planned deployment of United States cruise missiles at Greenham Common in England, a cause applauded in the Soviet news media.

An American colleague, Jenn McCollister, a Rhodes scholar from Seattle,

accompanied the Britons to the meeting with the Soviet peace committee. So did a Soviet woman, Olga Medvedkova, a founder of the unofficial Soviet antiwar movement, which has been harassed and denounced by the Soviet authorities since its inception last June.

The four women were ushered before a panel led by Oleg Kharikordin, deputy director of the peace committee, and it was only when it came to Mrs. Medvedkova's turn to introduce herself that the officials realized who was in their midst.

According to Mrs. Cutler, "their reaction was incredible." The women

said the officials quickly interrupted an attempt by Mrs. Medvedkova to explain the goals of her group and declared that bringing her to the meeting was a "provocation" and an "unfriendly act" that was "totally unacceptable."

At one point, the women said, Mr. Kharikordin demanded to know if "this is the way you do things in Britain." Mrs. Pettit responded that this was precisely the way they did things. Mrs. Medvedkova then defused the confrontation by withdrawing.

The incident demonstrated anew the Kremlin's aversion to any internal voice that differs from the official position that the arms race and the nuclear threat emanate exclusively from Washington.

The incident with the women was preceded by the stunning disclosure

that an ambassador on the Moscow radio's worldwide English-language service, the Kremlin's primary means of disseminating its message abroad, had on two separate days altered his texts to depict Soviet troops as the aggressors in Afghanistan.

The newscasts seemed especially striking against the general indifference Westerners have found among Russians to the war in Afghanistan; no protest even approaching such boldness has emerged in the three and a half years since Soviet troops went into Afghanistan.

In bulletins read by Vladimir Danchev on May 18 and then last Monday, May 21, stock phrases were altered to reverse the blame for war. This instead of having the Afghan population playing an increasingly active role demanding

against bands "infiltrated from Pakistan," Mr. Danchev read "bands infiltrated from the Soviet Union." Elsewhere he spoke of resistance to "Soviet occupation."

The Moscow radio officially said the changes were mistakes, but Western diplomats rejected any possibility of error on such a scale. Soviet sources later said Mr. Danchev, although a Russian, came from Tashkent, a Central Asian capital whose population may harbor stronger feelings on the Afghan war than their northern neighbors.

The sources said the 35-year-old newscaster had been dismissed from his job and was under investigation. His fate is not likely to become known for some time, although it is generally believed the Soviet authorities will not act leniently after such an embarrassment.

### Man who contradicted Kremlin is missing

MOSCOW (AP) — The Radio Moscow announcer who broadcast news reports contradicting the official version of Soviet military action in Afghanistan could not be found by Western reporters yesterday.

Vladimir Danchev's secretary at the studio said he would not be in his office but she would give no other information. A woman at his apartment who said she was his maid said he went for a walk Tuesday and had not returned.

On Monday, he said Afghanistan's population was playing an increasing role in protecting the country from "Soviet invaders."

The above clipping was sent by Ed Insinger who adds, "In all honesty, I give this gentleman a lot of credit for speaking his mind in a closed society where he can, and probably will, be severely punished. His was a courageous act".

Howard L. Hobson, of Mechanicsville, PA, supplied the copy at left, from the May 26 edition of the Richmond Times-Dispatch. In addition, Howard sent a copy of the original story, from wire dispatches, with the cryptic heading, "Announcer in Moscow May Learn Truth Hurts".

A fascinating story....did anyone hear this? (JK)



# Loudenboomer

## THE CHARLIE LOUDENBOOMER REPORT

My first contact with the Septuagenarian Aid Fund came last summer at the International Worldwide Continental DX Association convention. I'd heard of SAF before, as have most DXers, but I really didn't know much about the organization. So when I saw 'SAF Bingo Party' on the convention agenda, I decided to sit in.

I spent \$10 on a bingo card and sat down at a long table where other players were waiting for the action to begin. I turned to the guy seated next to me.

'A fund raiser for SAF, eh?' He nodded in reply.

'So what is SAF anyway?' I inquired of my companion.

Giving me a look that suggested I'd been rip-van-winkling for the past 20 years, he replied, 'It helps the old people in the hobby, of course!'

Just then, a very sincere young man stepped up to the mike.

'Tonight,' he said, 'We're going to have a lot of fun playing bingo for the old folks. Every buck you spend helps DXers over the age of 70. It's a wonderful cause, so dig deep and buy two or three cards! The first number is B-14....'

Tentatively, I raised my hand.

'What is it, Mr. Loudenboomer?' the young man asked pleasantly.

'If you missed it, the number was B-14.'

'It's not that,' I responded. 'I was just wondering...what does SAF do for the elderly?'

'We raise lots of money to help our senior hobbyists,' he explained patiently. 'Next....G-71.'

'But what do you DO?' I interrupted, still puzzled.

'Well,' said the earnest fellow, 'we sell tapes of popular Portuguese pharmaceutical radio commercials. We raffle off WOA pennants and mechanical pencils. And we have our fund-raising bingo games. The next number is I-23.'

I still didn't understand what SAF did, but my fellow players were beginning to glare and mutter, so I just shut up.

After the game, the nice young man announced that the bingo party had raised \$4,375 for the Septuagenarian Aid Fund.

A couple of the players walked towards me.

'Loudenboomer,' charged one ample woman, 'you must be some sorta communist: What's the idea of questioning such a benevolent, charitable organization as SAF? Hate old people or sumthin?'

Assuring her that I not only liked the elderly, but was well on my way to being one, I again posed my question: 'But what does SAF do?'

'It puts radios in retirement homes to encourage residents to take up DXing, smarty!' she shot back.

'Well, do they want to take up DXing?' I asked.

'How should I know?' she snapped.

A tall youth standing next to her took up the attack.

'With your attitude, Loudenboomer, I hope that when you reach 70, SAF denies you its services!'

'What services?' I tried again.

'That's right!' he responded vehemently.

'They'd cut me off from WHAT?' I asked.

'You bet!' he snarled. 'Nada, zilch, nil, zip, nothing!'

Well, that did it. CL is no coward, but faced with the prospect that in my twilight years, I might be cut off from the beneficence of the Septuagenarian Aid Fund, prudence won out.

I dropped a quarter in the can placed on the table near the door.

On the can was a small placard.

'SAF: IT HELPS OLD PEOPLE IN THE HOBBY....OF COURSE!'

Good Listening in Abha, Saudi Arabia

by Richard E. Wood

Here in the Asir Mountains of southwestern Saudi Arabia, shortwave listening is the basic way for expatriates to keep in touch with their home countries and with world events. There is no alternative to it, and everyone, more or less, does it. So, how does my listening day go? What stations do I actually listen to, in English? What frequencies provide a clear, listenable signal?

This is a chart based on my actual listening preferences and realities. Not all frequencies in use are listed, only those which provide reliable reception. They are listed in order of their reliability, under average conditions.

A few observations: since I am fairly near the equator, conditions do not vary so greatly from day to day. Frequently I hear the BBC apologizing for deteriorated reception conditions, even in this area, and suggesting that we return to a lower frequency; meanwhile, I am still listening as usual on 21710, or even 25650. A careful reading of this chart will answer some questions about propagation; about the effectiveness of relay stations (e.g. the BBC Coventry relays of RCI); and about my listening tastes. Spring and proceandistic stations do not appear, since I do not listen to them. My listening times are from 8 a.m. (usually later), local time to 2:30 a.m. (often earlier); at other times I am asleep, or DXing. Note that the BBC Eastern Relay Station (Masirah) is never the most reliable here, although it is physically closest to me; it is beamed to South Asia. This chart is for the IFAB spring season, but, again due to our latitude, reception does not vary greatly from season to season and frequencies are not changed very much to this target area; an exception is Radio RSA, which often seems to use too low frequencies (e.g. at present at 0630, and in our winter at 2100). I also take this opportunity to protest at RCI's use of excessively low frequencies, especially its nonuse of 21695 to Africa in the winter. A combination of 11 and 13 meters to Africa (and the Middle East, which for some strange reason is not a target area direct from Sackville, but only via relay from Britain on some very ill-chosen, heavily jammed frequencies) would be much more successful than the current reliance on 16 and 19 m.

UTC	local	station	best frequencies, in order
0500	8 a.m.	BBC	15420c, 17895c, 9410
		RA	21680
		AFRTS	21670p
		KV	9440, 17885, 19485
0530	8:30	Dubai	21700
0600	9 a.m.	BBC	21650c, 15420c, 17895c, 15070, 17790
		OW	17875, 15275, 11905
0615	9:15	RCI	15265d, 17860d (N-F; both 8000s)
0630	9:30	RSA	17790, 11900
0700	10 a.m.	BBC	21660c, 17895c, 15070, 17790, 15420c
		RSA	17790
		SRI	21520
		RJ	15235s
0730	10:30	BBC	as 0700, but 21650 now s.
0800	11 a.m.	BBC	21710, 15070, 21660a, 15400s
0820	11:30	ORF	15410
0900	12 noon	BBC	21710, 15420c, 15070, 20650, 11700c, 15310s, 21695, 17770s
		Oran	11890, 9735
		SRI	21695, 21520
		AN	15560
0930	12:30	OW	21500, 15275, 21680
		EQT	15050V
1000	1 p.m.	BBC	21710, 15420c, 15070, 20650, 11700c, 15310s
		Oran	11890, 9735
		95KSA	11855 (Th./Fri.)
1030	1:30	Dubai	21695// 21655
1100	2 p.m.	BBC	21710, 15420c, 15070, 20650, 11700c, 15310s, 21695
		SRI	25790, 21520, 17795
		RSA	25790, 21635
		95KSA	11955
		RSI	21610

00	3 a.m.	BBC	21710, 15420c, 15070, 25650, 21550a, 17885c
		RA	9770, 9640
		BSKSA	11955
		AFRTS	26000a
		KY	15605, 17630, 17685, 25640
00	3:30	OW	21600, 17800, 17765, 15410k
15	3:35	ERT	15050V
00	4 a.m.	BBC	21710, 15420c, 15070, 17790, 21550a
		ASA	25790, 15220
		RNI	25615, 25730 (Sun.)
		RA	9770, 9640
00	5 a.m.	BBC	21710, 15420c, 15070, 21550a
		ASA	25790, 21535, 15220
		BRT	17610, 21910 (M-F)
		RSwi	21700
00	5:30	RN	17605, 21480m
00	5 a.m.	BBC	21710, 15070, 21590, 15430a (to 1515), 21660a, 21550c, 15420c, 17790, 17885c
		ASA	21535, 25790
		RA	9770
		OW	21600, 15135, 11965
		Vatican	11810, 15110
		VOA	15260
00	6:30	SRI	21570, 17930
		RA	9770, 6035c
		RCI	21695, 11935d
00	7 a.m.	BBC	21710, 15070, 21550 (to 1515), 21470 (to 1515), 12095, 9410, 15420c
		VOA	15260, 15445, 15600
		RA	6035c
		RFI	17620, 21620, 17795, 21580
		RNI	26030, 25730 (Sun.)
00	8 a.m.	BBC	21710 (to 1745), 17695 (to 1745), 15070, 12095, 15105a, 9410, 15400a, 9610c
		VOA	21840, 17795, 17870, 15600, 15580, 15260
		RA	6035c, 9770
		RNI	21730 (Sun.)
00	9 a.m.	BBC	15070, 12095, 15400a, 9410, 15105a (to 1815)
		RA	6035c
		RCI	17920, 15260
15	9:15	SRI	21570, 17950, 17930
00	10:15	BRT	15595, 6225
00	10 p.m.	BBC	15070, 9410, 15400a
		RA	6035c
		RCI	21695, 17975, 17920 (M-F), 15325, 15250 (M-F)
		VOA	21840, 15600, 15580, 17795
00	11 p.m.	BPC	15070, 9410, 15400a, 7320, 15260a
		RCI	21695, 17975, 17920, 15325 (M-F)
		REE	15375, 11760
		KY	17685, 9009, 11637, 9815, 15585, 9440
00	11:30	RN	21885b, 17695b, 15225m
00	12 mt.	BBC	15070, 9410, 15260a
		PEZ	15375, 11750
		ASA	17745, 15155
		RA	15160, 21650
		AFRTS	15430, 15385

2130	12:30	RCI	21695, 17820, 15325, 17875,
2200	1 a.m.	BBC	9410, 15070, 15260a
		RCI	11925, 15325, 9760
		RA	21650
		AFRTS	15430, 15345
2300	2 a.m.	BBC	9410, 15070, 15260a
		RCI	11850
		AFRTS	15345, 15430

Key to abbreviations: a Ascension, b Bonaire, c Cyprus, d Daventry, e Eastern Relay (Masirah), m Madagascar, p Philippines; for Australia: c Carnarvonsk Kiosk, s Sines.

Marlin Field, of Hillsdale, MI, keeps us informed on FEBC doings....

## FEBC, Saipan

An entirely new overseas transmitting site is no small undertaking...a 10,000 square foot transmitter building, three new housing units for resident engineers, a 50,000 gallon water storage system...and, of course, the massive antenna system capable of carrying six 100,000 watt transmitters simultaneously...plus a host of small details too numerous to mention. Completion of the site with the first two of the transmitters operational will cost \$2 million. \$500,000 is still needed. Hopefully, the first transmitter will be operational for China in May.

(Taken from letter of Bob Bowman, president of FEBC)

## KGEI "Polar Beam" On The Air

On March 6, 1983, FEBC's San Francisco station, KGEI, went on the air with a new high gain antenna beamed directly "over the pole" to Moscow and other points in Asia.

The new antenna is the product of almost three years of planning and construction. Manufactured by Technology for Communications International, of Mt. View, CA, the unit measures 800 ft. long by 360 ft. tall and cost \$360,000 to complete.

The 4x4 antenna was erected entirely by FEBC personnel and a large contingent of volunteers (from the Bay area and other parts of the state). The tower bases and guy

anchors alone received over 600 tons of concrete. From guy wire to guy wire, the new antenna system is almost the length of three football fields.

The multi-band, steerable antenna now beams the Gospel on an extensive schedule to the USSR:

0230-0615 GMT to Moscow and Western USSR  
0930-1100 GMT to Central USSR  
1230-1430 GMT to Siberia

In addition, one hour of Japanese is broadcast from 1130-1230 GMT.

KGEI's 250,000 watt transmitter coupled to this new antenna makes it the most powerful non-government voice in the U.S. (Taken from The Broadcaster Magazine, publication of FEBC and letter from Bob Bowman, president of FEBC).

Odds'n Ends Dept....If you're wondering about the future of "Technical Topics", we have good news! Starting next month, my brother, Jim, will be taking the helm and I think you'll realize immediately that Jim has the credentials to do the job. Jim's address is 3255 South Drive, Caledonia, NY 14423.

I'm equally happy to report that my old friend, Andy Robins, will be aboard with his own column; a personal look at issues closely tied to programming and related topics. Andy is a professional journalist with WHFB and hopes to encourage meaningful dialogue. We have no plans, or desire, to continue "It Sounds To Me" and I'm certain you'll find this new column fascinating. (JH)



# Vintage Vignettes

WDX3UPA, Bill Taylor, Box 132, Unionville, PA 19375

## THE WALNUT WONDERS

The purpose and scope of this article is to familiarize you with the different styles of cabinetry that were used to house radio chassis in the early days of radio. The basic configuration of the cabinet, along with other aspects of a set, may be used as general indicators of the age of the unit.

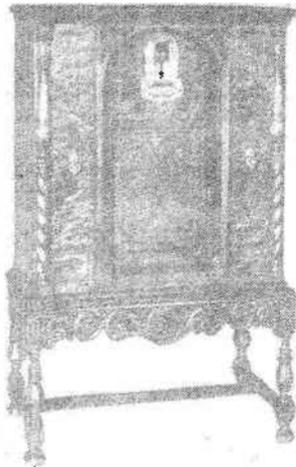
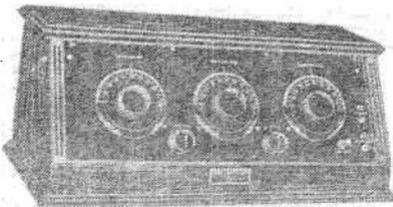
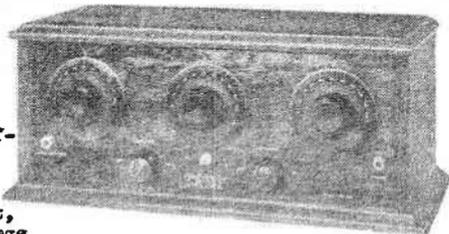
In years past, many of the more elaborately decorated cabinets have been recycled into (sniff) liquor cabinets and silver chests. Now, really guys ... can you possibly imagine the ridiculous idea of restoring an old Stanley Steamer for the sole purpose of pulling a farm wagon?!? Why not buy old Rembrandt paintings for the canvas underneath!

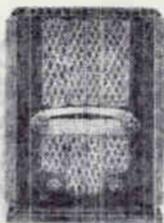
What would predispose people to commit such heinous acts of debauchery? Their ignorance, of course, that radios are beginning to appreciate in value. But one should also realize that these poor people have at least acknowledged the great aesthetic worth of the woodwork in these fine old friends.

The early twenties found many radio fans using breadboard equipment. Most of these were "homebrewed" on nicely finished hardwood boards. Several years later, however, the "breadbox" style had captured the public's eye. The top two pictures at right (top, with bakelite panel and middle, with wooden panel) show the general size and shape of these sets. In order to place things in their proper perspective, the dials on both sets are four inches in diameter. The materials used included oak, walnut, mahogany, and several others with lesser frequency.

Toward the Later twenties, the highboy styled cabinet began to gain popularity. At the first, this spindly-legged cabinet provided for hiding the batteries as well as housing a radio. The highboy, however, was the ideal cabinet for the new AC sets in late 1927 and 1928. The box of the highboys was, nominally, 2'x3'x18". The area inside of this enclosure provided ample room for a radio chassis, a power supply/power amplifier board, and a self-contained large (10" to 12") cone speaker. These cabinets also marked the large-scale advent of fine cabinetry in the radio field. Roping, burl veneers and intricate carving and cut-outs were now being used to augment the beauty of the hardwoods.

The breadboxes and highboys were ill-fated for the coming depression and hard economic times. As the thirties dawned, a new type of set was going





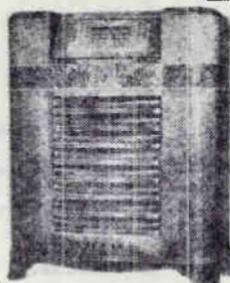
into production. Whereas, during the twenties, the cabinet had added quite a bit to the cost of a radio purchase; the thirties would not economically permit this luxury. Hardwood veneered ply wood became an industry staple. Some manufacturers even experimented with molded bakelite (batterybox) cabinets.

The set pictured at top/left is a representative AC/DC set of early thirties vintage. These little guys (roughly the size of a large automotive battery) were the mainstays of the industry throughout the depression.



The next set pictured was the square-top. The lattice-work grill shows a bit more workmanship. These sets were the little brother to the "cathedral" sets (as pictured on my logo). This evolution of styles through the early thirties shows that a rebound was in the making.

The highboys died out in the early thirties and were replaced with a feeble attempt at quality construction in the early console models. These early consoles were merely inflated versions of the cheap table-top sets.



The mid-thirties found the economy recovering. In a slow fashion, the quality of the radio cabinets began a rebirth. More and more pieces of solid hardwoods were being used, especially for tops of the sets.

The recovery of the cabinet industry had established itself by 1940. By this time it was very common to find burl veneers again. Solid strips of mahogany were being used to protect speakers and to serve as main framing members. Even complex inlays were gracing the radio cabinets. A few sets even appeared with substantially solid cabinets.

In all fairness, it should be pointed out that these comments refer to the general aspects of the cabinet trade throughout this period. Several fine cabinets were manufactured through the depths of the depression for use by "custom" set builders. These were, however, the exception rather than the

rule of the trade.

One final note. As with all antiques and collectibles, the original finish should be maintained if at all possible. Many of these fine old pieces may be restored with only oils and waxes. If the original finish is badly in disrepair, seek professional advice and help. Veneer strips may be repaired. Broken pieces may be repaired or replaced. And, of course, the cabinet may be refinished. In complete refinishing, however, be careful to preserve any paper labels affixed to the inside of the box.

GOOD HUNTING.

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### MANUALS & TECH LITERATURE

For those of you in need of schematics and manuals, might I suggest that you write to the kind people at HI, INC., Box 864, Council Bluffs, Ia. 51502-0864. Their catalog of manuals costs \$1.00. This manual list encompasses the largest collection of ham/SWL gear (known to me) in the hobby. I would conservatively estimate their offerings at 2500 pieces of gear.

An interesting aside ... HI, INC. has a pedigree.

In 1929, World Radio Labs was started by Leo Meyerson, under the name of Wholesale Radio Labs. World Radio Labs manufactured the Globe line of ham gear (Globe Scout, Globe King, etc.).

After selling the WRL-Globe factory to Textron in 1961, Textron ran the factory into the ground. At this point, Meyerson began to make Comet kits and the Galaxy 300 (300W SSB ham tx). From this activity there emerged a new company, Galaxy Electronics.

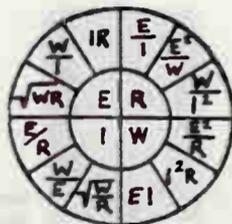
In 1956, Meyerson helped to secure financing for Hy-Gain to expand their antenna manufacturing facilities and to get away from their TV servicing business. By 1971, Hy-Gain bought the Galaxy company and went into CB in a big (and bad) way. When CB went bust, so did the company. It was bought out by Telax, but the Galaxy line was left to die.

WANTED: One serious antique radio buff to spell yer Ed while he compiles a book on vintage communications gear. More next month. 73s de Ed

# TECHNICAL PICS

ED C. SHAW

604 GREEN RIDGE COURT, LEXINGTON, KY 40503



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JULY 1983  
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the neatest little items I've seen lately comes from DOVETRON in California. Unfortunately, the contributor failed to provide an address site for further information. Be that as it may...

"Widget" is described as a state-of-the-art rebroadcaster unit, similar to units we have illustrated before in Tech Topics, but this unit is re..uses no battery or power supply.

Purpose of the WIDGET is to permit audio monitorings of any receiver or antenna at a remote distance..without wires. It affixes to the audio output of a receiver or TV, and rebroadcasts a 530 KHz signal to your portable within the immediate viewing or listening area. One immediate use to mind...watching TV in bed while whoever beside you tries to sleep.

no battery or power supply is required. This is neat part. It's complete-ly sensitive. Crystal-controlled and 100% modulated. Widgett derives all its energy from the transmitted audio signal. (Sounds as if that you might have upped the volume inordinately higher in order to drive the unit). When the audio input ceases, the RF output of the Widget decays to zero in approximately 15 seconds. \$25.00 postpaid in the U.S. Alas no address.

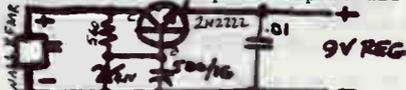
## COMPUTER INTERFACE DOES THE JOB

Model 1220 computer interface demonstrated to me several days ago and I was pleased to read for some transmissions of RTTY when amateur CW, although the interface was not so successful as for driven RTTY. Amateur traffic, just that, often cannot maintain a steady state baud rate for instruments to follow with consistent reliability. The fault source is not in the instrument, with the ham operator varying speed.. In anycase, it was to read the news directly on monitor screen, just like a teletype machine. \$180/\$4 shipping. Box 494, Mississippi State, TN 3762. We used an Apple II computer, but should work for many.

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Looking for programs for VIC-20 and ASWA members find useful in various scenarios. I have one or two, but they're not on tape, and doing a tape takes time. I'll supply a tape and postage for whoever is interested in an interesting program.

## PART #3 ACTIVE ANTENNA POWER SUPPLY

As the final part in powering the active antenna loop, Here is a small schematic and quick tip to aid you.



Use an NPN transistor such as the common 2N2222, a 9 v zener diode, and a couple of capacitors, with a common wall transformer to provide a regulated 9V source.

PORTABILITY HINT: 9V transistor batteries give good service, but they last about one good night of DXing if you use it constantly.

You might even find a good way to tap your receiver's power supply to get 9-12VDC for running the active antenna. Just be sure you are not injecting noise into your receiver thru power wires.

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This month ends my 1 1/2 years as Tech Topics editor. Time has run out on me. It was fun, as it always has been. Warm 73 to all. Ed Shaw



JULY 1983

# Listeners Notebook

GLENN HAUSER, Box 6287, Knoxville, TN 37914

## PROPER CREDIT

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AFGHANISTAN Since 5/5, RA's ES in AR 1700-1725 hrd on 15470 ex-15530, //13077 11825 (WBI 19/5)

ALASKA KNLS will run test tape or tone in two weeks at 1900-0300 on 17880, 11940; then 0600-1100 on 9620, 1100-2000 on 6170 w/test tape (RBN 9/6)

ALGERIA Recent surveys of SW usage shows 0500-2200 apx: FR 17745 15160 9685 9640 9509-- these carry ES in SP 1030-1100 & 2030-2100, EG 2000-2030. AR: 6160, and from 1100 11715-- also carry 1702-1800 V of Palestine svc. Kabyle on 7246 (WBI 26/5)

ANTARCTICA Concerning the question about the QTR of LRA36, R Nacional Arcángel San Gabriel: I recently received a QSL letter in response to a report sent in March 1982 to the WREX address which appears beyond much doubt to have been posted at Esperanza base in Antarctica. The stamps on the envelope are cancelled with a round ink stamp bearing the Argentine 'pie-slice' of Antarctica and its coordinates, around which are written "Base de Ejército Esperanza -- 9411 Antártida Argentina". A separately applied handstamp date "16 FEB 1983" appears below. On the back of the envelope and on the letter is a large round ink stamp of the station itself, showing a radio antenna emitting signals from the tip of the Antarctic Peninsula. The letter itself gives sked as 1300-1500 & 2230-0030 on 6030 & 15476; however, card also adds 11955. Letter is dated Feb 4, 1983, and signed by Héctor Luis Repetto, Mayor. Of course, ~~XMET~~ may still be elsewhere, but it seems to reasonable to assume that LRA36, studio, xmtr, antennas & all, are indeed where they claim to be. Shipping station correspondence to & from Antarctica when stn is actually elsewhere would appear to be an awfully expensive/awkward façade! (Mark Koukol, De Kalb IL) Postal markings can be falsified as easily as anything else--e.g., 'first-day' cancellations axually produced later (gh)

In a bid to settle the location of the stn once and for all, NZ DX Times publishes this map of the Base itself. It clearly shows the studio building (marked LRA36 6030), and radio antennae at the site, 63-23-06 S, 56-59-48 W. The map was compiled by the Naval Hydrographic Office of the Naval Commander in Chief, first issued by the Arg govt from Bs As in 1981. Tnx to Phil Barton for this info (May-June NZDX) And so it does, per the illustration too small to reproduce here. However, maps can be falsified as easily as anything else, and these two bits of 'evidence' don't really prove anything, if the Arg govt set out to falsify the true location of this stn. But I doubt this has been done (gh)

ARGENTINA R Provincia de Misiones, which bc on 6160 kHz, suspended that service in Aug 82, when the war over the Falklands ended (Gabriel Iván Barrera, May Latinoamérica DX)

AUSTRALIA Sked of R Australia SSB feeder on 12290 includes: EG 0600-0700, 0800-0900, 1530-2100; Indonesian 0900-1400, 2100-0100; Std Chinese 1300-1430, Cantonese 1430-1530 (WBI 2/6)

During a DKpedition to 7 Mile Flats, Alberta, 70 km SW of Rocky Mountain House, using a kilofoot Beverage, VLZUV, University of NSW, Sydney, was hrd on 1692 kHz, 16/5 0912+, good ID 0957; 1000 lecture/discussion pgm; still in at SIO 242 at 1030, virtually gone by 1100; again 17/5 1019 but no audio (Don Moman)

Radio 2RPH now anc as Radio Vision 2RPH, xmts from Concorde West using 500 watts. Uses studios of MW stn 25M. Ancd addr is GPO Box 242, Sydney 2001; sked on 1629 kHz is 0000-0100 & 0600-0800; hopes to expand sked to: Weekdays 0000-0200, 0600-0800, 1000-1400. Weekends at 2300-0700 (Steve Thurlow, Australian DX News)

**BANGLADESH** J83 HF BC Sked, R Bangladesh ES: 1230-1300 EG 21670 17800, 1315-1345 Nepalese on 9580, 1400-1500 Urdu & 1530-1600 Hindi 15430 & 11945, 1615-1645 AR 21550 15285, 1700-1800 Bengali, 1815-1900 EG, 1900-1915 slow speed EG nx all on 17800 15285. IS is local composition of violin & tanpura. Report to: Research Engineer-in-Charge, Directorate General, R. Bangladesh, House No. 36, Road No. 3, Dhanmondi R/A, Dhaka 5 (via Marge Witte, CA) BBCMS also reprints a sked from R Bangladesh, but says 15280 instead of 15285; and EG content includes 1231-1236 News, 1236-1241 Commentary, Thu 1245-1250 Press Review; 1816-1826 News, 1826-1831 Commentary, 1835-1840 Thu Press Review (WBI 2/6) They fail to mention that frequencies vary widely--if any stn means monitoring rather than reprinting, this is it. Richard E Wood has found the 21670 actually on 21331v, and the 17800 on 17818.5; the 15280/285 has previously been reported around 15282 (gh) 8/5 1830-1915 on 15802, next day on 15280, punch-up error? 16/5 1230-1300 on 21333; 17/5 21724 but only ancd nom fqs (Roger Tidey?, London, RNMN 19/5)

RB will bc a 10-min DX pgm monthly every fourth Sat of the month, in EG at 1800 on 15285 & 17800, presented by Anbar Raider Kiron, secy of Intl R Club Bang. DX reports and contributions ara welcome to DX Magazine, R Bang, P O Box 2204, Dhaka (Kiron, SCDX 31/5) A DX pgm that is itself very difficult DX from NAM (gh)

**BELGIUM** unID on 21460, 1650 30/5, FR, fair sig, Af mx, 1658 amnt, drum sign twice, pulled switch. Think big stn but none listed in WRTH (Chuck Oliver, Spring TX) Surely RTB (gh)

**BENIN** QSL from ORTB had this info written on: Parakou - 936, 5025, 7190 kHz (Rigas, IL)

**BOLIVIA** R Santa Ana de Yacuma, 12/5 2301 on 4803 ex-4885 (M Canu, Genova, Italy, Play-DX) On 4803.6, 1/6 & 2/6 2335-0055; ID 0000 (Canu, Dario Monferini, Giuseppe Zella, ibid.) Had been on 4650v, but nominal 4805 (gh) R Nacional, La Paz, 4816, 1/5 1046-1100 in Aymará, ID (Inoue, Radio Nuevo Mundo, Japan) Due to high cost of electricity, many Bol stns are reducing bc sked, and some reducing power ('RFA' via May LA-DX) The Leftist Revolutionary Front has demanded that the facilities of R Excelsior, now operating under the name of R Batallón Colorados, in La Paz, be returned to their legitimate owners. RBC has been at the service of all the dictatorships and misinformed the public, according to FRI president Manuel Morales Dávila ("Los Tiempos" newspaper, Cochabamba, via 'RFA' via May Latinoamérica DX)

**BRAZIL** Apparent new Braz on 4992, often strong c 2330+ in PT, stronger than 4990; haven't had chance to ID (Cedric Marshall, DX Ontario June) R Brasil Central, Goiânia, 29/5 only on 4991, 0008-0010 (Claudio Dondi, Play-DX, Italy)

If you like tracing harmonics, R Liberal, Belém, 3325 kHz, can be hrd quite regularly on x 2 = 6650, where it is free from QRM that is usual on 3325 (Stefan Bursell, Sweden, DSWCI DX 1/5 via AWR Portugal via DSWCI SW News May) R Aparados da Serra, Bom Jesus, RS, hrd on 2480, 2 x 1240, 10/4 0915 w/"Brasil sertanejo" pgm (unID contributor to LA-DX)

(Cf June LN-17) WBI info didn't mentn addl new fq in RNB sked--15105, hrd 12/5 2100 PT, but QRM'd by DW in PT from 2125 (Ernie Behr, Ont) Radiobrás Intl Svc sked: 0000-0100 SP LAM 9655, 0100-0145(Sun/Mon 0200) SP N&CAM 15290, 0145-2000 Tue-Sat PT C&NAM "Brazilian Reporter", nx prepared by Ministry of Extnl Rels, on 17830 15290, 0200-0300 EG C&NAM 15290, 1745-1800 Mon-Fri PT Brazilian Reporter 15125, 1800-1900 EG Eu 15125, 1900-2000 GM Eu on 17720 15125, 2000-2100 FR Eu 15105, 2100-2200 PT Af/Eu/SAs 15105 (WBI 9/6) Note that last target area, I guess for former Portuguese colonies in India--Goa, Damão, Diu (gh)

Rio de J newspaper O Globo reported 26/4 that a decree renewing licenses of R Globo S.A. in Rio, and R Globo de São Paulo Ltda. for 10 yrs, had been signed by Pres Figueiredo (WBI 19/5) Don't give Ronnie ideas (gh)

**BULGARIA** R Sofia, Serbo-Corat 0500-0527 on 18210, 3 x 6070, which was inaudible, 7/6 (Wood)

**BURUNDI** A new 100 kW xmtr has been registered at 1600-2200 on 7250; 2200-2400 on 15200 (RNMN 9/6) Loud test tones, stronger than Gabon co-channel, hrd on 15200 9/6 & 11/6 0700-0900 (Richard Ginbey, RSA, RNMN 16/6)

**CAMEROON** Maybe just coincidence, but 9745 free of QRM Sunday; even after 2130 no Iraq audible. Cam natl svc has vy gd nx around 2103-2116 in EG, largely focusing on Af events like OAU summit problem, Namibia, Nkomo's problems, Pres-for-Life Banda of Malawi calling 'free' elections 19/6, even a sports report; Yaoundé then goes into FR, saying EG resumes at 6:05 tomorrow (Terry Bowden, June DX Ontario)

**CANADA** CFVP, Calgary on 6030 has been hrd in almost every country of the world since it came on the air in 1931. Relays CFCN-AM 1060. From 1931 to spring 82 CFVP used hand-built tube-type xmtr, now replaced by new solid state 100 watt SW xmtr, fed into 12.3m quarter-wave ant. Both xmtrs 7 mi SE Calgary; 24h (CFVP via Peter Bunn, RA Japanese DX 11/6)

**CHINA** R Peking's Sunday only feature pgm "Radio English on Sunday" now hrd on 15500; until late Apr was on 15400. Starts at 0730 after similar pgm in Chinese; mainly concerns cultural events in China, classical mx, short stories (Craig Seager, RA JP DX Time 4/6) Runs until 0900; only ID is "R English on Sun" (Seager, ADKN)

R Beijing English 1600-1655 on new 11755 w/native-like British accent, unusual on RB in recent years; for a moment I thought it was BBC; 5/6 (Richard E Wood, Abha, Sa'udi Arabia)

SW usage, CPBS Pgm I to Taiwan in Std Chinese: 0055-0608 15710 11100 9455, 0955-1100 15710 11100 9455, 1100-1300 11100 9455 5125, 1300-1330 11100 9455 5125, 1330-1800 9455 5125 4770, 1800-2215 5125 4850 4770, 2215-2305 11100 5125 4850, 2305-2400 11100 9455 and 5125 (WBI 2/6) Pgm II in Std Chinese & Hakka: 2053-2300 6790 6095 5090 3360, 2300-2345 9170 6790 6095, 2345-0102 11000 9170 6095, 0353-0830 15880 11000 6095, 0830-0900 11000 6095 3360, 0900-1130 11000 9170 6095 3360, 1130-1400 9170 6790 6095 3360, 1400-1802 6790 6095 5090 3360 (WBI 2/6) Note coincidence of two of their fqs matching Somalia (gh)

PLA Fujian Front Stn, to offshore islands & Taiwan; Pgm I in Std Chinese, Amoy: 1000-1230 9540 7850 6765 5900 5265 5240, 1230-1700 9540=to 1330 7850 6765 5900 5265 5240, 1700-1800 6765 5900 5265 5240 4330 4045, 1800-1930 5900 5265 5240 4330 4045 3000=from 1900 2490, 1930-2200 5265 5240 4330 4045 3000 2490, 2200-2300 5900 5265 5240 4330 4045 2490, 2300-24 00 7850 6765 5900 5265 5240 4045 (WBI 2/6) Pgm II: 0400-0930 11590 9505 7280 7025 6400 6000 4380, 0930-1300 9505 7280 7025 6400 6000 5770 5170 4840 4380, 1300-1500 7280 7025 6400 6000 5170 4840 4380 4130, 1500-1800 7280 7025 6400 6000=to 1515 5170 4840 4380 4130 2600=from 1520 (WBI 2/6)

Recent survey shows Zhejiang Provincial Svc from Hangzhou Pgm I sked: 2100-0530 & 0850-1457 on 8910 2475; 2200-0530 & 0850-1030 on 4785, in Std Chinese; local mx 2120, 2300, 0400, 0425, 0900, 1030, 1400 (WBI 2/6)

R Peking ES in Russian; semicolon in fq list indicates groups of non-synchronized pgms, i.e. xmtr sites different. Some channels vary up to 10 kHz to avoid QRM. First two xmas are reversed-tape: 0300-0355 17535 12450 11660 9335 8260; 17450 15140 11685 11600 11515 11445 9850 8475, 0900-0955 9335 8260, 1000-1055 9725 7120; 15210 7820 6560, 1100-1155 on 9725 7120; 11600 7820 6560, 1300-1355 9725 7120; 7820 6560 5850 5145, 1500-1555 9725 7140; 15150 11780 9820 9365 7055 7045 5850 5145, 1600-1655 9725 7140; 15150 11780 9965 9945 9365 9315 8400 7620 7055 7045, 1700-1755 15150 11945 11780 11765 11600 11500 9965 9945 9640 9365 7620 7045 4200 1521, 1800-1855 6120 5440 5060 4735 4500 1521; 15220 12120 11945 11780 11645 11600 11390 9640 9365 9240 7620 7045 7035 4200, 1900-1955 6120 5440 5060 4735 4500 1521; 15220 12120 11945 11650 9640 7620 7035 4200, 2000-2055 6120 5440 5060 4735 4500 1521; 11945 11660 9930 9640 4200, 2100-2155 12120 11790 11650 11470 11380 9920 9820 7035 4200, 2200-2255 9725 7140; 11765 11650 9945 9635 7035, 2300-2355 9725 7140 (WBI 19/5)

For Nacl minorities: 0030-0125 Uighur 15670 11375 7050 5800 4735, 0130-0225 Kazakh 15670 11375 5440 4970, 0400-0455 Korean 8566 6430, 0500-0555 Mongolian 8566 6974 6430 4010 1458, 1000-1055 Korean 6430 4190 1206, 1100-1155 Tibetan 15670 11675 7110 5995 4035, 1200-1255 Mongolian 7035 4190, 1300-1355 Uighur 8566 7035 7050 5800 4735, 1400-1455 Kazakh on 8566 7035 5440 4970, 2130-2225 Korean 5145 4190, 2230-2325 Mongolian 6080 5145 4190, 2330-0025 Tibetan 15670 9900 (WBI 26/5)

Recent survey of SW fqs on CPBS Peking: DS shows: First Pgm: 2000-2200 9080 9064 7935 7525 7516 7504 7440 7335 6750 6665 6493 6110 5915 5860 5320 4460 3220, 2200-2230 11610 11290 9080 9064 7525 7516 7504 7440 7335 6750 6665 6493 6110 5915 5860 5320 4460 3220, 2230-2430 11610 11330 11290 9800 9080 9064 7516 7504 7440 7335 6750 6665 6493 6110 5860 5320 4460, 2300-2400 15510 11610 11330 11290 10245 9800 9080 9064 7504 7335 6750 6650 6110 5320, 0000-0100 15590 15550 15510 11610 11330 11290 10245 9800 9064 7504 7335 6750 6650 6110, 0100-0300 17605 15590 15550 15510 11330 11290 9064 7504 6665, 0300-1000 (off the air Wed at 0600-0855) 17605 15590 15550 11330 11290 9064 7504 6665, 1000-1100 15590 15550 11610 11330 11290 9064 7504, 1100-1300 15590 11785 11735 11610 11330 11290 10245 9800 9064 7516 7504 7440 7335 6750 6665 6110 5320 4460, 1300-1400 15590=to 1320 11785 11735 11610 11330 11290 10245 9800 9080=from 1320 9064 7516 7504 7440 7335 6750 6665 6110 5320 4460, 1400-1730 on 11735 11290 10245 9800 9080 9064 7935 7516 7504 7440 7335 6750 6665 6110 5860 4460 3220,

Second Pgm: 2100-2300 9020 8007 7770 7095 6890 6200 5990 5880 5163 5075 4250 3290, 2300-2330 12220 9020 8007 7770 7095 6890 6200 5990 5880 5163 5075 4250, 2330-2400 12220 11505 9020 8007 7770 7095 6890 6200 5990 5880 5163 4250, 0000-0100 15550 15030 12200 11505 9020 7770 6890, 0100-0700 15550 15030 12200 11505 11040 9020 7770, 0700-1100 (not on the air Wed & Fri 0600-0950) 15550 15030 12200 11575 11505 10260 9775 9670 9020 7770 7095 6890 4250, 1100-1200 15030 12200 11575 11505 10260 9775 9670 9020 7770 7095 6890 4250, 1200-1300 15030 12200 11575 10260 9775 9670 9020 7770 7095 6890 5075 4250, 1300-1350 11575 10260 9775 9670 9020 7770 7095 6890 6200 5075 4250 3290, 1350-1558 10260 9775 9670 9020 7770 7095 6890 6200 5990 5075 4250 3250 (WBI 26/5)

Very full of errors: 2nd pgm doesn't use 15550 in early UTC morn; instead it's 15500. Also, found 2nd pgm strong on 15030 12200 at 1452 5/6, while they list highest then as 11735. ZRGD Pgm I just hrd 2100 5/6 on 11330 11290, also not shown then by 3BCMS. Wonder how long they've had that sked kicking around? (Dave Newkirk, Seattle WA) Could in reality be composite rather than instantaneous (gh)

R Beijing ES obs w/addl Std Chinese svc for ENAM overseas Chinese, 1100-1200 on 15180; and addl svc in EG to same area 1100-1155 on 15520 (WBI 26/5)

R Beijing finally doffed silly 19m WNA-morning test fq, usable perhaps one day out of seven, if that, for what they should have been using allalong: 31m, in the form of 9535. No exaggeration: when 1900 & 9535 are on, they are the strongest sigs on their respective bands. Must be 500 kW each from southern site. Ocs1 feed de-lock seems solved, but theory is that since it seemed to occur at hour\*28 it was caused by the turnon/off of xmtr at feed or xmtr site, poss change in line voltage causing either feed xmtr or rvtr to drift enough

to lose lock. Drift of 11755/11900 xmtr still occurs, some days minute-to-minute. 9965 may be feed, weak; also ocslly hear weak // 11660, likely also feed or alt feed. In all these weeks they have not mentd this testing in pgming! (Dave Newkirk, 24/5)

R Beijing gave up on 19m test fq 1200- or 1300-1556 in favor of 9535, found 23/5 or so. And seem to have settled on 1300 as starttime. 26/5 \*1300 EG both 11900 & 9535 feeder rx's unlocked--not in unison, as I expected I'd find w/parallels, but independently drifting, seeming to indicate different sites. Propagation sometimes seems to reinforce this, also, signal levels sometimes quite different for the pair, when, if they'd both been from the same site one'd expect not-so-great propagational differences 'tween 31 & 25m. I think it was 28/5 that I noticed EG testing carries on beyond 1555--found on 9535 & 11746 // expect and audible 17700 15165. Much trouble w/11746 xmtr--likely the same one on 11900 earlier--it kept dissolving into an unruly series of clicky pulses several channels wide. Had hrd it earlier as annoying QRM on BEC-11750 and didn't investigate! (Newkirk, 29/5)

I think it was 26/5 that I noticed both 9535 and 11900 transmitting the same RTTY QRM on upper and lower sidebands, meaning that both xmtrs were using audio derived from the same RTTY-QRM'd feeder. The fact that what seemed to be feeder-receiver phase lock loss occurred independently on both fqs complicates the scene. Could both xmtrs be at the same site and yet use different feed receivers? Of course, it's possible for one feeder to be used to both sites, with QRM of both receivings being caused by one interfering signal. Or might that lock loss be occurring somehow in the broadcast xmtrs? With the complexity of everything increasing, I suppose there may be AM radiotelephone systems in which that might happen, but I highly doubt it. Anyway, tuning to the possible feeder fqs of 11660 and 9965 failed to net addition of the same RTTY QRM, but that is not proof that one or both fqs are not the feeder fqs, since QRM at feed reception site is just as likely to be inaudible here as not (David Newkirk, 30/5)

The stability of the xmtr used on 25m really deteriorates when they try to put it down on 11745 or 11755, often continuing to drift and of late having severe modulation/transmission problems, sometimes mod and/or carrier dissolving/degenerating into an aperiodic series of pulses/sweeps/chirps I first hrd as QRM to BBC-11750. 9535 xmtr unseems to suffer. It doesn't seem any longer to be a safe assumption that the 11900 or 9535 xmtr is the same as that used on 17855/15520 merely on the basis of audio quality (read 'often severe distortion/overmod'). Listening carefully to quality of audios of 11900 and 9535 as well as 11600 and some others in parallel here in early morns, convinces me that, if anything, the difficulty the Chinese sometimes have with one or several of them is, if anything, under-modulation, even when the audio is badly distorted. And so I have reached the feeling that almost all of the audio crumminess on these and on the local-evening 17855/15520 outlets arises not from overmodulation/limiting/compression at the bc xmtr but much more likely at the feeder xmtr site, or as a quite secondary possibility, in demodulation of the feeder at the bc xmtr site. It's a variation on the GIGO cliché: feeder audio emanating from a xmtr nr Beijing, maybe, w/its mod qual determining what can be done at the bc xmtr site. Hmm, that reminds me, I should also be trying 5030 to see if it's distorted. This arcane detective business is fascinating. I am in effect, trying to troubleshoot the system from afar. Even on days when RB's audio is almost useless on a powerhouse signal, there seems to be no splatter on adjacent fqs, which tells me that the audio is screwed up before it ever hits the modulator. So it's possible these 9535/11900 xmtrs are entirely new toys for the Chinese. Later: guess RB has pulled the plug on 9535 & 11900--unhrd four days now (David Newkirk, Seattle, 13/6)

Could the reason that timesigs from China's time stns are a fraction of a second behind others on the std fq/time fqs be that their audio is fed by satellite? To add to the silliness of the Chinese time stns being off is this: 7/5 I stumbled over the AIA timesig from t BPM, Xian, Shaanxi, at 1654 on 9351. For the hell of it, I tuned one radio to t ZRGD Pgm I on 9064 to see if the pips thereone would be in perfect synch w/BPM when they began, every two secs, at 1659:50. They weren't! BPM was slow by the same amount it's off on 5, 10, 15 MHz--ZRGD was in step with WWV, BPM was not! So the bc net is xmitng more accurate time than the std time stn! And, yes, 9351 sig was in step w/5, 10, 15 MHz ones. What a strange mystery! Satellite, or stupidity? (Newkirk)

COLOMBIA R Macarena, 5973, personal letter from Enrique Zambrano Nieto, Gerente, gives sked as 0900-0500 Mon-Sat; other days [such as Sunday?] 1100-0300 (Ralphus W Perry, Play-DX, Italy) 5975 is 5 kW, call HJHZ, per QSL letter; started bcs 30/3/83; slogan: "La emisora de los Llaneros, afiliada al circuito TODELAR de Colombia" (Christos Rigas, IL) The name comes from the Sierra de la Macarena, a nature reserve of great tourist interest with a variety of flora & fauna (Don Jensen, WI & Finn Krone, Denmark, DSWCI AWR DX 10/4 via SW News)

COSTA RICA R Impacto, 6150 kHz, hrd 30/5 0620-0755; 28/5 1030-1135 f/out. Plays mellow SP mx, a few EG popsongs, M & F ancrs inbetween in SP, w/many IDs. At 0702 a W ancd in EG that the new CR SW stn, R Impact on 6150, welcomes reception reports to Box 497, San Pedro, San José, Costa Rica (Kenneth A Cobb, Portland ME) Hrd since 28/5 w/popsongs, SP & EG IDs, 0400-0700+, requesting rpts; powerhouse sig sounds like 50 kW or more, but am not counting as new stn--probably former R Atenea, last hrd in 1976, reactivated w/new xmtr (Ernie Behr, Ont)

CUBA Emisora CLX, 6994, 2203-2207\* 23/5, on earlier than usual \*2230; ID by W from Instituto Meteorología de Habana. Weird pgm w/W laughing hysterically thru the meteo mx! Xmtr

clicking on/off during the laughter. Must've been starting Benny Cohen again, not Reinstein, Miramar FL, DK South Florida)

**CZECHOSLOVAKIA** R Bratislava reported 11/5 that a new xmtr'd been handed over for use at Rimavska Sobota a short while before--the most significant comms project in this 5 Yr Plan and its task was to increase output power of ES. High tech required coop w/Soviet specialists and xmtr'd been named "Radio Xmtr of Czechoslovak-Soviet Friendship" (WBI 19/5) Presumably the one that's been jumping around 25 & 31m testing out the QRM (gh)

Recent survey of R Prague ES shows Polish reduced since last edition in Dec 82; printed sked confirms single daily one-hour PL xmsn 0530 on 1287 & 1071 only, no more SW 6015, or PL at 1300, 1800; so weekly output in PL decreased from 28 to 7 hrs; RP's PL svc was introed in Apr 81 (WBI 9/6)

Prague testing EG 0300-0357 on 6035 or 6015 (Arthur Cushen, NZ, SCIX 10/5)

R Prague ES in EG: 0100-0200 & 0300-0400 11990 11950 11800 9740 9630 9540 7345 5930. 0730-0800 FE/SAs/Pac 21705 17840 11855; 0830-0900(Sat/Sun 0930) FE/SAs/Pac 21705 17840 11855. 1430-1500 Af/SAs/FE/Pac 21505 17840 17705 15110 11990 7345. 1530-1625 Af/SAs/FE/Eu 21505 17840 17705 15110 11990 9605 7345 6055. 1630-1700 Eu 7345 5930. 1730-1825 Af 21505 17890 17840 11990 9605 7345 5930. 1900-1930 Eu 7345 5930. 2000-2030 Eu 7345 5930. 2130-2200 Eu 6055 1287 (WBI 9/6)

Interprogramme, many IDs 28/3 0630 on 28515, 3 x 9505 (Michel Ravigneaux, France, DWGCI)

**CHILE** R Nacional de Chile began 24h bc 1/3 on 1140 6150 9550 15150. At certain hours 9510 replaces 9550 and 15140 replaces 15150 (Carlos Toledo Verdugo via Gabriel Iván Barrera, LADK)

AFP reported that LV de la Costa, Osorno, was silenced 14/5 by unknown persons who blew up its xmting aerial; 2nd attack against stn, owned by Catholic church; in 1977 xmtrs set on fire (WBI 19/5)

R Denmark ES in Danish: 0900-0952 Au/Aa 25850. 1000-1052 DS pgm I to Grnid/Pac 17770. 1100-1152 Eu/NAF/SAM 17770. 1200-1252 Af/ME 25850. 1300-1352 NAM/Carib 25850. 1630-1730 Grnid/Pac DS Pgm I 17770. 1800-1852 ME/EAF 17770. 1900-1952 NAM/Grnid 17770. 2000-2020 Grnid/Pac M-F DS Pgm III 17770. 2000-2052 Eu/NAF Sat/Sun 17770. 2030-2050 Eu/NAF M-F DS Pgm III 17770. 2100-2152 SAM/Carib 15165. 2200-2252 FE/Japan 15165. 2300-2352 NAM on 15165. 0000-0052 SAs/Au 15165. 0100-0152 NAM/Grnid 11715 (WBI 26/5) Between 1300 & 1630+ now on 15165; 1800 on 25850; 1900/2152 on new 17855 (Andy Sennitt, ibid., RNMN 16/6)

**DOMINICAN REPUBLIC** LV del Trópico, Santo Domingo, claims to be on 5055 at 0900-0400; anyone hear this? (Andy Sennitt, Denmark, WRKH, via RNMN 16/6)

[Cf June LN] R Earth did in fact begin as sked, and is hrd Tue-Sun 0330-0430 on R Clarín 11700; usually running several mins late. Reception here is usually readable but with het caused by Clarín being off fr around 11699.8 (gh)

**EGYPT** R Cairo AR Pgm I noted 0600 on 15177.4 // usual 15175 7/6 (Richard E Wood, Sa'udi Arabia) EG to SAs 1215 pgm has moved to 17675 [from 17920]; general AR pgm remains on 17670 (RNMN 2/6) Egypt was on 9050 23/5 0240-0325, apparently instead of anc'd 9475; some distortion but G strength. I wonder what's up (David Swearingen, Huntersville NC) On 9045.7, -29/5 0250 EG to NAM // 12000, nothing on 9475; gradual QSY to 9046.4 by 0305; somebody asleep at xmtr? Back on 9475 next day (Steve Reinstein, DKSP) R Cairo, Arabic on 8990, 26/5 2155 pop tunes, 2230 nx, 2245 ID; flyboys vy unhappy w/frq choice; unhrd next nite, punchup error? F (W J Parks, DKSP) MENA reported 25/5 that when asked at a press conf in Khartoum abt turning the Sudan Corner pgm into an independent radio stn, Pres Mubarak replied that Pres Numeiry might agree with him to approve this, but that the issue needed to be studied (WBI 2/6)

**FAKLAND ISLANDS** FIBS is part of the F.I. Govt. Has fulltime staff of two: Patrick Watts and Claudette Mozley. Patrick was awarded the MBE for keeping FIBS on the air during the war and providing info despite the presence of Argie troops with guns. He was the commentator on Apr 1 & 2 during the invasion. Claudette is the Broadcast Secretary and has her own popular pgm, weekdays 10-11 am local. She was born and raised in the Falklands. Evenings and weekends parttime ancrs Len McGill, Brian Paul, Gavin Short, Mike Smallwood and Vicky Townsend give their free time to FIBS. Jeanne Sheridan spent 6 months as parttime record librarian and had to cope with the massive inflow of new discs from BFBS. She and hubby Duffy are leaving the Falklands for a while. Two addl staff and an engr were attached to FIBS from the British Forces Broadcasting Service, operating around the world. It supplied two complete studio kits to FIBS. First engineer David Young was replaced by Ron Smith, and Terance Nicholas from BBC is the new produxion engr. (FIBS factsheet via Bill Dulmage, DK Ontario)

**FRANCE** RFI technical dept spokesman says new Russian svc to commence 30/5 0300-0330 on 9790 7135 6045. 1630 Polish now repeated 1945, both on 15315 15190 11955 11735 9715 7135. 0445 Polish bulletin remains on 11800 11790 9715 7280 5990 (WBI 26/5) Russian confirmed on 7135 & 6045 0300-0330 but no material in Russian yet. Anc'd in FR as mx pgm for EEu, time given in Moscow time (WBI 2/6) Since 2/6 the 0300-0330 RFI xmsn to USSR hrd on 6045 7135 9745, ex-9790. Since 6/6 includes anmcs in RS that daily bcs in RS'd start in near future, incl mx, press review, cultural, scientific, social, political items; to provide 'honest' info about

world events and an all-round picture of life in France today (WBI 9/6) RFI appears to've expanded svcs on wide scale. Now on the air 0100-0200 in FR believed to LAm on 6055 6140 6085 and many others. Suspect one or two are Gabon relays, but no reliable info; 6055 hrd here in Melbourne w/remarkably good sigs (Bob Padula, ADKN). Just blank space in the RFI J83 fq sked 0100/0400, not showing Russian either. EG 0415-0430 & 0445-0500 on 15155 11875 11735 9745 7135; 1600-1700 on 25820 21685 21620 21580 17795 17620 15315 15300 6175 (gh)

GABON Africa Number One, 21480 at 0700 w/spl pgm in EG to Ethiopia re OAU; moved yesterday to 21475 due RN QRM; 1725 still on 21480 (RNMN 9/6)

GERMANY EAST RFI EG to Nam: 2315-2400, 0000-0045, 0130-0215 11975 9930, 0230-0315 11690 11840 9560. 0530-0615 11890 9560 (WBI 9/6)

GERMANY WEST [?] Pirate or clandestine? Tamil Ilam (or Ilan) Radio, on 6240, also anncg as V of the Free Sri Lankan People, hrd 0800 -0933 on one or two Sundays, w/pgms in EG, GM, Tamil. No addr, location perhaps Germany (Gordon Darling, UK, DSWCI) Maybe produced by Tamil students in Germany objecting to majority Sinhalese domination of SL politics, and aimed by a German pirate? (John Campbell, ed., DSWCI SW News May) DW on new 6140 0700-1700 full carrier USB, then AM (BBCMS 17/5 via SCDX) This 25 kW xmtr is in Elmshorn (Kurt Ringel, W Germany, SCDX) Deutsche Bundespost test w/DW modulation; higher powr tests later this year --a new 500 kW Wertachtal xmtr to be opd by DBP too (RNMN 19/5)

GUAM KTWR's DK Listeners Log is now sked Sats 0915 on 11840, 1345 on 9510, as of 4/6 (via Don Rhodes & Matthew Francis, ADKN) Readable here when checked at 1345 18/6 (gh)

GUATEMALA German nx agcy DPA reported Summer time'd be introed in Guat 21/5, GMT - 5; else'd revert to GMT -6 on 2/9 (WBI 26/5) So stns s/on/off an hour earlier now: (gh)

GUYANA FRENCH The FR3 designation has been dropped; recent QSL rxd 8/6 shows "RFO Guyane" (Donald Hosmer, Dearborn MI) Apparently RFO is derived from "Société Nationale de Radio et Télévision Française d'Outre-Mer" --rather than the obvious SNETFOM abbr. Also says 5055 is 10 kW at 245°; 4972 1 kW; 6170 4 kW day, 3385 4 kW night; site: Matoury, 52-20 E/4-54 N (gh) Tho I darsay it's actually 52-20 west, unless RFO axually bcs from the Indian Ocean off Somalia (gh)

HONG KONG RTV HK recently making irregular SW xmsns. Both Robert Yeo, Melbourne, and Sei-ichiro Kiyota in Japan note .HK on 3965 between 1200 and 1530 relaying the Radio 3 net in EG --local nx 1400, BBC WS nx 1300. Previously used 3940 for China Sea yacht race [wx] bi-annually in Apr (RA Japanese DK 11/6) Noted 10/5 but not since (Yeo, ADKN) 10/5, 11/5 and 12/5 but not since (Kiyota, ADKN June)

HUNGARY R Budapest says they really want reports on 12000 Mhz fq, instituted since many listeners complained of QRM to Bud fqs (WBI 9/6)

INDIA J83 AIR changes: 1230-1315 Tibetan 9260 [sic] ex-7255, 2245-0115 GOS [EG] to SEAs 9595 ex-9610; 2145-2245 Chinese & 2245-2400 GOS to NEAs ex-9755; 0000-0115 GOS NEAs 17790 ex-17805 (Alok Das Gupta, Calcutta, ADKN) Is that 17790 xmen making it to WNAW? (gh)

INDONESIA RRI Sorong hrd on its daytime only fq, 9748, \*0400-0600+ w/local nx 0530, then pop mx; little QRM from Tahiti & USSR both on 9750. (Craig Seagar, RA JP DK 4/6)

INTERNATIONAL WATERS V of Peace, which bc on MW xmtrs aboard ship in Mediterranean Sea a few years ago is to return to bc bands but on SW. Was to commence bcs a few weeks ago but tech difficulties prevented this. Hopes to commence tests in next few weeks; axual fqs not yet determined (MN via ADKN)

IRAN AR svc of VOIRI now hrd on 15315 ex-11745 0330-1300 (WBI 26/5) Guess what? A couple weeks later BBCMS reports the cland V of Iran, 15315 at 0330, no longer hrd, see CRANNY (gh)

IRAQ R Baghdad?, 7/4 1130-1143 AR talk, songs, &/outs, believed 3 x 9555 as hrd on 28665 (Bernhard Gründl, W Germany, DSWCI SW News)

IRELAND ["ITALY"] World Music Radio obs testing on 6910 0147-0310+ 30/5, pop mx, IDs, WRTH plugs, G-VG sig, G\_mod (Mike Csorbay, DK Ontario) As some have suspected from the fq these WMR tests on 6910 are via R Dublin, 16-30/5 around 0200-0400 (Andy Sennitt, WMR, RNMN 16/6) Stn previously reported on 4905 was not Nova Radio, but ABC Radio, Dublin, 5 x 981 kHz (Gordon Bennett, Play-DK) And R Boyneside is putting out a spur on 5040.2 // 1305 (ibid.)

ITALY R Italian BCing Corp, Milano, testing new fq 6208 // 6140 1000-1200 14/5 & 15/5 (Dario Monferini, Italy, Play-DK)

JAMAICA Caribbean Nx agcy CARMA reported 5/5 that per info minister, & Jamaica (RJB) had

asked govt for 25-yr freeze on granting new commercial bc licences and for an extension of its own licences for same period. Min said normal 5-yr extension'd've been automatic, if RJR hadn't raised 'new issues'. Detailed consideration had to be given to the matter taking into acct the govt's intension to divest self of its 25% share in the company, but of more fundamental importance was fact that RJR'd have an exclusive commercial radio licence. This, he said, raised a question abt freedom of media, particularly in light of fact that legislation was now being drafted for establishment of a media comm to ensure fair play in bc media (WBI 19/5) I recall news reports that Jamaica's newspapers have been reduced from two to one (gh)

JAPAN Japanese nx agcy Kyodo reported 13/5 that ruling Lib-Demo party'd adopted plan calling for expansion of JBC's overseas SW stn, R Japan. Could only be hrd in SWAs, Au, Lam, US West Coast at present [sic]. Plan called for increasing the 'necessary facilities' at a total cost of 34 zigayen during next quadrennium, to enable R Japan to be hrd worldwide. Plan included construction of new relay stns in Gabon, Panama and at an as yet undetermined site in SW Asia (WBI 19/5) Press releases from R Japan itself speak of instead taking time on Africa Number One, possibly testing in early July, to be announced on the air (gh)

KENYA Recent edn of VOK Radio & TV Times published fq details of MW, FM; and SW: The 7 MW channels are in use 0330-1320; 4 MHz other times: Natl Svc, Nairobi 7140 4915. Genl Svc, Nairobi 7215 4804. Nairobi Central Service 7150 4950. Eastern & Mombasa Stn, Nairobi 7210 4934 or 7240 4885 (WBI 2/6)

KIRIBATI R Kiribati w/fair sig on 16433.2 LSB 29/5 0535; island mx, talk; ID and BBC nx at 0600 (Christos Rigas, Chicago IL) RK, 16433, 0712-0745 nice & clear in LSB; seemed natl mx at t/in w/ many ments of Tarawa; oddly, 4 chimes 0726 and into "Jingle Bells" by native chorus; no EG hrd 30/5 (Steve Reinstein, FL, DXSP)

KOREA NORTH R Pyongyang EG: 0600-0750 Eu 11985 11660 9360. 0800-0950 SEAs 15245 11830 9765. 1100-1250 Ams 9977 9745. 1300-1450 SEAs 15340 11880. 1500-1650 N&S Af 11880 9977 9625. 1700-1850 N&S Af 11880 9977 9625. 2000-2150 Eu 11660 9360 6576. 2300-0050 Ams on 15230 9745 (WBI 9/6) KCBS operates these local stns: 2300 Hyesan, 2695 Chongjin, 2746 Sinuiju, 2776 Hamhung, 2850 KCBS [Pyongyang], 3030 Wonsan, 4273 Kanggye; all but 2670 & 2765 sked 1958-1800; all relay KCBS exc 0500 & 1100 local mx. Pyongyang 3015 2100-1930 except 2100-2250, 0300-0450, 0900-1455 when Japanese; 3320v 2000-1800. The stns at Sariwon on 2670 and Pyongyang 2765 are off the air. All fqs vary (URSC, Japan, via DSWCI SW News) Regarding last LN DS sked, for many hours BBGMS list both KR & JP on 3015 to same target area. If that was mistake by them, seems max xmtrs at same time was 14 for that sked (Newkirk, WA)

KOREA SOUTH R Korea begins its new svc "World Service News" from 1/6, all on 7275 at these half-hours; each consists of 15 min Korean nx, 15 min EG; home news 70%, foreign related to S Korea 20%, others 10%, per DX pgm on R Korea JP svc: 0200, 0230, 0300, 0600, 0630, 0900, 0930, 1000, 1030, 1100, 1130, 1500, 2000, 2330, 0000, 0030, 0100, 0130 (Hideo Suzuki, Aichi, Japan) On that low fq thruout, hardly a World svc, maybe regional (gh)

In addn to EG sked in June LN, there is a shortened version at 1300-1330 on 6135. New Portuguese at 0900-0930 is on 11725, not 11720, // 9570 (Bill Matthews, Columbus OH) 18/5 Korea Herald said RK, intl svc of KBS'd start bcng in PT 1/6. To help correct image of Korea in PT-speaking regions, and to promote intl understanding and coop. 30-min pgms in PT 'd be bc 4x daily, consisting of 10 min nx, 5 min contry, features on Korn economy, society, culture. Also a listeners' hour and a KR lesson 5 times weekly. PT section consisted of about 10 people including free-lancers. PT sked as of 1/6: 0045-0115 N&S Af 15575 11810. 0900-0930 Sam 11725 9570. 2115-2145 Eu & ME 9870. 2245-2315 Eu/ME/Af 15575 7550 (WBI 26/5)

LAOS National R, Houa Phan sked, either extended or new, obs since 1/5: +1130-1200 Lao, 1200-1330 in ?, 1330-1400\* Lao Soung; on 4657, V2 sig and ute QRM at first, but quite improved after 1330. (Hiroyuki Komatsubara, Akita, Japan, DX Front Line 6/6) Natl R, Xieng Kho-sang has been on 5607 \*1055-1130 Lao, 1130-1200\* Lao Soung (ibid.)

LEBANON R Lebanon 0230 EG to Nam, IDs, nx, pgm on Leb people; 0259 into SP; on 11955, S; strong hat de 11955 tho good strength; USB a must! (David Potter, FL, 30/5, DXSP)

MONGOLIA R Ulan Bato: Kazakh svc on 4750v at 1330-1400, possibly 1400-1430 & 1430-1500. Listed for provincial stn Ulgi which otherwise re-bc HS Pgm I; the latter includes ES 0830-0900 in Chinese Tue/Fri, Russian 1130-1200 Tue/Fri. Relay R Moscow Mongolian pgm 0600-0650, 0930-1000, 1200-1245. Most SW fqs drift (URSC, Japan, via DSWCI) RUB ES sked: 0950-1025 Mongolian & 1025-1055 Std Chinese on 12070 & 6383. 1030-1100 Tue/Fri Russian 11855 7260 4995 4895 4865 4850 4830 4750 4080 3960. 1100-1130 Mong, 1130-1200 Std Ch 12070 6383. 1205-1235 not Sun EG SEAs/FE 12070 6383. 1255-1330 Mong 12070 7238. 1330-1400 Std Ch same. 1400-1430 & 1445-1520 EG not Sun SEAs/FE 12070 7238. 2030-2100 Mong not Sun & 2100-2130 Std Ch not Sun 12070 6383 (WBI 2/6) RUB in EG 1200 on 12075 (Deborah M Fitzpatrick, NZ DX Times) Actually 12070? (gh)

MOROCCO Moroccan R, Rabat used this SW sked for AR svc from 27/3: 1000-1100 IS335, 1100-1300

17815 15595 15335, 1300-1700 17595 15595 15335, 1700-2000 17815 15335 15330, 2000-2100 17815  
15335 15105 11920, 2100-0100 15335 15105 11920 (WBI 2/6) Many via VOA facilities, if not all

MOZAMBIQUE R Moz and 6/6 it'd begin 60-lesson basic EG course that day, w/assistance of  
BBC, enabling listeners following it closely to gain adequate knowledge of EG for day-to-day  
conversation on practical issues. At 1630 & 1940 M/W/F, repeated same times T/T/Sat; only  
one lesson bc each day (WBI 9/6)

NEW ZEALAND RNZ advises of late change, 17705 to 0510\*, \*0520 11960 (Arthur Cushen, NZDKT)  
R Star, NZ pirate, has transferred its former R Freedom name to an FM outlet. Will use 7404  
-7412v Fridays 1100-1230, Sats 1030-1200, Suns 0200-0430 w/40-300 W. Wants to exch pgms, up  
to half hour with other free radio stns. P O Box 1437, Hastings (John Campbell, DSWCI May)

R Freedom, 6994, poor 24/4 0703-0708, 0711, addr, 0715\* ID as R Freedom/R Star, (Owen Cullen, NZ DX Times) Same freq as the Cuban wx laughter

NICARAGUA LV de Nicaragua on 11714 at 2140 23/5, native mx; also ancs as V de Sandino  
(Chacua Oliver, Spring TX) As relations w/Reagan regime worsen, LV de Nic expands xmsns, now  
\*1100v on 5950 11714, 8/6 (gh)

R Noticias, Managua, 13/5 reported on new regs concerning radio comms. Nic Telecomms &  
Postal Service Telecor'd be responsible for everything related to controlling radio comms,  
incl bcng. In event of breakdown of public order, a state of war or a disaster, Frequency  
Director could either suspend or restrict bcng on certain fq bands as necessary, either  
thruout country or in any particular region (WBI 26/5)

PAKISTAN RP Arabic 0515-0615 on 17567.5 & 17640, both w/poor mod, but the latter worse.  
At that time Urdu 15 on 15515 and 17660; 7/6. Urdu 1545 on 17640 17660, latter mixed REE 5/6  
(Richard E Wood, Saudi Arabia)

R Pak EG: 1005-1010 & 1100-1115 21802 17660. 1600-1615 17660 17640 15455 15150 11670.  
1645-1745 15515 11670. 0230-0245 21595 17840 15325. 0340-0345 17640 15325 (WBI 26/5 which  
adds: fqs subject to slight variation) Chris Lobdell sends a copy of the June Pakistan Call-  
ing in which he (apparently) has marked out 17840 at 0230 and written in 17640--so now co-  
channel VOA? (gh)

PARAGUAY R Nacional being hrd in Apr & May on 19470, 2 x 9735 from \*1000 to fadeout varying  
between 1600 and 1800 (Richard Ginbey, RSA, RNMN 19/5)

PERU R Continental de Arequipa, 6055, 22/5 LA songs, ID 0520-0700+, weak but clear; not dai-  
ly (Ernie Behr, Ont) R Huancayo, 5955, 27/5 0555 w/many ments of Huancayo; gets lost in the  
hash a little later on (Craig Seager, ADKN) R Tacna, 9485, local songs and flutes 1058 22/5.  
A little off fq and much weaker than last season (ibid.) sometimes on 9505 instead (Peter  
Bunn, ADKN ed.) R Santa Cruz, 5340, again 16/5 0230 w/folklorico, SP M poor in het (David  
Crawford, DKSP) 5341.0, 0052-0102, SP M w/quick ment of Sta Cruz, criollo tune 22/5 (Crawford  
& Krueger, DKSP) Hrd on 5340 is LV del Nororiente, Jaén, Cajamarca, 1100-1, 0000-0200  
(Juan Carlos Godina, Lima, July RIB)

Real score this week is logging of R La Merced, since 15/4 on 4960.3, to closing around  
0405 (Stefan Bursell, Sweden, DSWCI AWR DX 1/5 via DSWCI)

R Inca reactivated on 4762; 1 kW per QSL, "La señal folklórica andina". New addr: Ava.  
Arequipa 2460, Lima 14 (Andy Sennitt, WRTH, RNMN 16/6)

QSL letter from R Tarma gives this info: 4775 xmtx is Koley 400 C, 1 kW, call OCK4E,  
ant is dipole suspended 15m above ground. AM 1510 OCK4J, 3 kW, AMSA TBK xmtx. V/signer:  
Mario Montaverde P, Gerente (Christos Rigas, Chicago)

Slogan of our sta, R Amazonas, Iquitos, 5060, is "Como el monarca de los ríos Amazonas,  
monarca del dial--desde la ciudad de Iquitos, transmite Radio Amazonas, voz y espíritu de  
la selva peruana." (Play-DX)

PHILIPPINES FEBC Manila on new 21510 for EG 0230 ex-21515 8/5; maybe moved to avoid Moscow  
(Matthew Francis, ADKN) FEBC now has fine cloth pennants available. To obtain one, write  
FEBC, name your favourite FEBC pgm and send 2 IRCs to FEBC, Box 1, Valenzuela, Metro Manila,  
Philippines (Burd, CIDX via DX Ontario)

POLAND RMWS DX Corner pgm 14/5 claimed Poland was now using "new powerful MW xmtxs" for  
internal bcs on 1296, 1197, 720 kHz. The channels were checked but no trace of Polish Radio  
noted. Only BBC, VOA, RFE (including their Polish xmsns) were hrd. For a short period in  
Dec 1982, however, PR was obs radiating on 1296 & 1197, but this was thought to have result-  
ed from misaligned xmtxs (WBI 19/5)

R Polonia EG: 0200-0300 w/Polish & 0300-0355 w/Polish to Nam 15120 11815 9525 6135 6095  
[are they actually off the unannc fqs of 7270 7145?]; 0630-0700 Eu 9675 7270 6135, 1130-  
1225 w/Polish to Nam 17865 11840 9525. 1200-1225 Eu 7285 6095. 1230-1300 Af 15120 11840  
9675 9525. 1400-1430 Eu 7285 6095. 1600-1630 Eu 9540 6135. 1630-1700 Af 11840 9675 9525  
7125. 1730-1800 Eu 9540 6135. 1830-1855 Af 11840 9675 9525 7125. 1830-1900 Eu 7285 6135  
5995 3955 1503. 2000-2030 Af 9675 9525 7145 7125. 2030-2055 Eu 7285 6095. 2230-2300 Eu  
7270 7125 6135 5995 1503 (WBI 2/6)

PORTUGAL RFE/RL Gl6ria is not the same xmtr site as RDP. WRTH coordinates are wrong. Gl6ria is at 39-02-35N/08-39-35W. This site is 37 mi NE Lisbon, near the town of Gl6ria. The site occupies 196 ha (RFE/RL to Rob Williams, UK Australia) WRTH has same coordinates for both, you see (Geoff Cosier, UKA Ed.) Seldom-reported R Renascenca noted 17/6 \*2327-0100+ in PT to Bzl on 11730 (David L Walcutt, New York NY)

SA'UDI ARABIA BSKSA Turkish 0400-0550 is back on 11685 as well as 15060 7/6 (Richard E Wood, ibid.) BSKSA 6/6 1600-1900 on BBC's 15070, not since (Jim Conrad, LA) J83 BSKSA sked show Genl Pgm to Eu/NWAF: 1700-2130 11820 9870, 2130-2300 11820 9885. Holy Koran R, Mecca hrd on 15060 0700-1000; this fq then carries Genl Pgm 1100-2100 (WBI 19/5)

SCOTLAND The Scottish R. Freedom is experimenting with 9420 // usual 6228, but nobody has reported hearing it there yet. All mail gratefully rxd at Dept. R, 67 Elm Row, Edinburgh EH7 4AQ (John Campbell, May DSWCI SW News)

SOUTH AFRICA R RSA quoted S Af Deputy Minister of For Affairs & Info as saying 12/5 that neither he nor the Minister of For Affairs & Info had any desire to interfere in the editorial content of pgms bc by SABC. Referring to complaints from the Opposition that members of the ruling Natl Party had been given greater TV coverage than Op members, he said the Natl Party was the ruling party and the SABC had a responsibility to convey the Govt policies to the people. On the question of distortion and manipulation of nx by SABC, DepMin said that if anyone had evidence of this they should provide the Corp or the House of Assembly w/proof. It was impossible to obtain a completely objective opinion because everyone interpreted an event according to his or her own views. He also said SABC'd drawn up a strict news code by which it abided. He added that if the SABC did not adopt an unconditional pro-South African stance it would find itself in trouble (WBI 19/5) Aren't you glad you read that all the way?

SPAIN SFR EG 2000-2100 on 11880 ex-11760, // 15375 (Zettl, Austria, SCDX 24/5) REE hrd 14/5 2205-2245 on 15000 kHz; at first, stronger than WWV but that changed shortly. On both my rx (David Swaringen, Huntersville NC) I wonder, if they have a fq punch-up mechanism like the ICP-2001 rx, whereby if you just punch 1, 5, and forget the last three, it comes up 15000?

SURINAM No stns expected to return to the air soon. Spl commission to make a report w/rules for bcng (Marcel Rommerts, Neth). Mily rulers rejected proposals from R Apintie and R Paramaribo to return. Mily leader Desai Bouterse told R Paramaribo it can't return to air unless it bcs in Dutch rather than Hindi or Javanese (Name withheld by SCDX 17/5)

SWAZILAND R Truro/SCR hrd on 4980 since 7/6, Hindi mx 0405-0500\*, ex-6155; from 0500 still on 6155 w/PT pgm (Ernie Behr, Ont)

Extracts from current TWR sked: EG 0430-0630 3200 7295; 0645-0835 6070 11760. 1200-1400 6070, 1600-1700 3365 9640; 1700-1800 9640; 1800-2015 3200; 1800-1845 9640; 1900-1945 9640. German 0400-0430 3200 4760, 1630-1700 3200 7295. French 1900-1945 9525, 1800-1845 9525 (Bill Matthews, Columbus OH)

SWEDEN RSI for one week only beginning 13/6, replaced 11705 by 11710 for 2300 to NAM, to avoid QRM from Clarin and DW; Argentina not supposed to be there till 2400. Reports were wanted. Nil QRM here, and good strength. At 2330 Swedish back to 11705 (Donald Hosmer, Dearborn MI) I agree it's a much needed move. Hope they resume it (gh)

TAIWAN First picked up WYFR via relay 28/5 \*1308-1601, EG to India on 15525 (not 21525 as in WRTH NL J83). Best 1400-1440; co-channel QRM before, deteriorating sig and long stretches of OTH QRM after. Pgmng same as Okeechobee except for Hong Kong mailing addr. Mandarin pgm fqs also ancd--9765 7130--I assume for 1100-1600 segment (Bill Dvorak, Madison WI)

TANZANIA Recent ES survey shows R Tanzania ES still includes pgms on behalf of Pan Africanist Congress (PAC) of Azania, African Natl Congress (ANC) and the SW Africa People's Org (SWAPO) on 9750 and 1035: 0415 M/W/F V of PAC of Azania; T/T/Sa R Freedom--ANC pgm; Sun V of Namibia, SWAPO. 1815 M/W/F R Freedom--ANC; Tu/Th V of the PAC of Azania; Sat V of Namibia/SWAPO. 1830 M-F V of Namibia/SWAPO; 1845 V of the PAC of Azania Sat (WBI 9/6)

THAILAND R Thailand ES uses 50 kW 11905, 100 kW 9655, 927 kHz, 97 MHz FM, and EG pgms rx on 107 MHz Tho Tho Tho (Thai TV Radio): 2330-0200 EG w/nx 0000-0030; 0415-0430 mx, 0430-0500 FR, 0500-0600 EG w/nx 0530-0545, 0915-1000 Laotian, 1000-1030 Std Chinese, 1030-1100 Thai, 1100-1130 Vietnamese, 1130-1230 EG w/1200-1225 mx, 1230-1310 Cambodian, 1310-1400 Malay, 1400-1430 Japanese, 1430-1500 Burmese. J83 ITU THFBS shows 11905 & 9655 beamed to SE Asia & ENAM (WBI 9/6) Respectively?

TUNISIA ES in AR to Eu at 2000 on 11745 started a week ago w/new xmtr (EORN 9/6) Wonder if this has anything to do w/Yugoslavia exchange agreement

TURKEY VOT continues its big expansion w/new lang, Chinese! noted \*1400 on 17740 5/6 (Wood)

A regional xmsn, comprising pgms from R Alma Ata and R Tashkent, is bc daily in the  
and Kazakh langs 1230-1630. R Tash pgms 1230-1330, 1430-1500, 1530-1600. Remaining  
used for R Alma Ata pgms. Fqs are 5035 5915 900; 7255 ex-6135 (USSR DXing Circle  
via RA Japanese DX 21/5)

evening of 27/5, certain changes obs in R Moscow's EG svcs. Separate regional svcs  
to Af & As not noted since then. But 24h RMWS now incl series of features "for our  
s in Africa" 1732-1758 & 2032-2058 apx. No such features for Asian listeners yet  
in RMWS pgm sked. RM formerly bc separate xmsns to Af 1700-1800 & 2000-2100, As  
O & 1500-1530. But separate RM svcs to GB & Ireland, and to NAM continue as before.  
changes prove to be permanent, it'll represent a reduction of 3h a day in RM EG svc,  
34h a day--RMWS 24h, RM GB 1h, RM ENAB 5h, RM WNA 4h.

Input of RS P&P unchanged, but one As bc retimed from 1430-1500 to 1500-1530 (WBI 2/6)  
made no mention of the Danchev incident--the RMWS ancr who dared to refer to the  
invasion of Afghanistan--and who was subsequently removed to mental examination and/  
stanization; altho it was the BBCMS which apparently broke the story (gh)  
in split channel 17888 at 0645 9/5; probably intentional as has been here for weeks  
pger, ADXN)

Dubai EG mx 0530 on new 17830, ex-21700 and a change for the worse for reception  
(Richard E Wood, Sa'udi Arabia) Well, latest sked I've seen shows both (gh)

A N I BBC's Spanish DX pgm, Radio Club Latinoamericano, now bc twice weekly: Mon  
-0215 (Eduardo Bazzo & César Higa, LA DX) By the way, I am still waiting for any  
ins to object to this terminology; some adopt it good-naturedly (gh)

tho subject to whatever SNAFUs can occur, World of Radio is now supposed to be bc  
ekly on WRNO Worldwide. The new time is GMT Sat 0430-0500 on 6185; then GMT Sun  
on 9705, 2330-2400 on 11855. (gh)

issues in the News" 1130 & EG mx 1200 booming on 21840 5/6. Surely at this hour  
not be via Greenville, as later here. Anyone have xmr site list of these OOB "fee-  
Richard E Wood, Abha, Sa'udi Arabia) Why not? Skeds I have seen show \*1100 21840  
of course they could have changed this (gh)  
83 EG: 9535 1500-1800, 1900-2300 ECan. 9680 0600-0800 WCan. 9715 0100-0400 Am.  
0-0800 Eu/Af. 11830 1500-2300 Can. 11875 2300-0600 Can. 15130 0600-0800 Eu.  
0-2300 Eu/Af. 17895 0000-0100 Am. 21615 1700-2300 Eu/NAf (Philip Harrison, RA  
DX Time 21/5)

R Bella Unión has future plans for SW outlet. LV de Artigas lists 5 kW on 4945 at  
"La radio deportiva," "la primera"; QSY planned but unk if MW or SW meant (Andy  
WRTN, RNMN 16/6) Arg DXers insist this 4945 is a ute (gh)

R Mara, 3275, sends letter, fabulous pennant for 50th anniversary in only 27 days  
sent (A Maroni, Play-DX, 6/6)

6/5 speech by President Luis Herrera Campins at the 34th assembly of the Venez  
of the Radio Broadcasting Industry in Caracas, broadcast by R Nacional, he said that  
ort to assert Venez's presence in Intl Comms Year [sic], and in this bicentennial  
the Liberator, with the message of an "alive, active and belligerent democracy,...  
ut into opn the powerful stn Voz de Venezuela in Paraguana so that it'll take to  
E and W of our land, the firm, democratic and optimistic voice that has always  
ised Venezuela". This refers to the megawatt MW planned for 1240 kHz (WBI 2/6)  
nder that July 24 is the 200th anniversary of the birth of Simón Bolívar, South Am-  
berator. So watch for special and/or extended pgming from SAM stns; most likely,  
activity will occur in Venezuela, Perú, Bolivia, Ecuador, Colombia (Noian Stephany,  
n NY)

V of Vietnam ES in EG: 2330-2400, 1000-1030, 1100-1130 on 12035 & 9840. 1330-1400  
, 1800-1830, 1900-1930, 2030-2100 on 15010 10040 (WBI 19/5)

ai is on 6613-6625 kHz at \*1125-1330\*, noted irregular opn late Apr/early May. Cao  
ed from 6532 to 6570; the channel which until then was used by Lai Chau. Cao Bang  
ed here 23/5. After that, Lai Chau moved up slightly to 6572. Tnx to split fq,  
audible even after Cao Bang \*1200 (Isao Ugusa, DX Front Line, Japan)

Voix du Zaire, 6124, 19/5 & 20/5, 2335-2345, FR ID, tribal mx, P-G (R Cotroneo,  
ay-DX) 6125, R Kanaga, Af mx, FR anmts 2130, first time I've hrd this. Blocked Fri  
UTC by Cyprus in 2150-2245. Zaire hrd as late as 2359 some days; not strong; 6/5  
la, Victoria, ADXN) Anybody hearing this in NAM?

DESTINE CRANNY R Venceremos Well hrd on new 7035 ex-7040, tho mixed  
w/China co-channel from 1300; until 1400\* most nights  
5 (Craig Seager, ADXN) On new 3800 13/5, 0245 seemed just after s/on w/"El Pueblo  
, P-F (David Crawford, DXSF) Since 30/5, RV hrd around 6667, ex-6206 apx. 3/6 at  
957, but not // at 0000 on 6667; yes, // 0230-0330 tho; both ± 10 kHz (WBI 9/6)

R 15 de Septiembre noted on 7050 at 0230-0342\* & 0500-0611\* 15/5 // 6900 6200 5565; but 17/5 back on 7000 while 6200 was absent (Ernie Behr, Ont)

V of Sandino / V of Free Nicaragua On 7/5 VOS ancd that it and VOFN, "stns forming part of the Democratic Revolutionary Alliance, ARDE, Information System" 'd be bcing at 2300, 0400, and 1100 from that day. 9/5 & 10/5, VOS obs on 6220 2305-0002 & 0402-0500 whilst VOFN hrd on 5750 2310-0010 and on 5770 0412-0455 (WBI 19/5) Since 18/5, VOS obs on 6220 at 0000-0100, instead of 2300-0000; 0400-0500 & 1100-1200. VOFN hrd on 5770 at 0000-0100, ex-2300-0000; and 0400-0500 (WBI 26/5) La Voz de Sandino hrd on 6220 at 0305 17/5; mst've just missed s/r on because he wasn't there 5 mins before. M in SP, poor mod (Chuck Oliver, Spring TX)

La Voz de Cuba Independiente y Democratica Verified report in less than 10 days w/prepared card. V/S (Dr.) Miguel Remón, postmarked out of Chicago Offices. Informative "Blue Book" just off the press dated Apr 83, "Radio Broadcasting to Cuba" gives all info you ever wanted to know except xmtr sites: "all radio stns operate outside the territory of the US". Gives this CID Radio Broadcasting Network sked: (EST): Máximo Gómez 11700, 10 hpd 1130am-730pm & 830pm-1030pm. Antonio Guiteras 7352, 4hpd, 730-1030pm, 6-7 am. José A Echevarría 7465 4h, 8-830pm. Frank Pafis 7410, 2hpd, 10-midnite. Antonio Maceo 4980, 4h, 8-8:35pm. Ignacio Agramonte 5105 4hpd, 730-1030pm, 6-7 am. Stns no doubt named after revolutionaries close to their heart: "In July 1981, the first CID xmtr began daily bcs to Cuba. Presently, six radio stns bc a total of 492 h per month. By end of 1983, ten radio stns'll be bcing--nine SW and one MW. The multiplicity of stns has the advantage of making it difficult for the Communist regime to jam the bcs. In late 1983, when all 10 xmtrs'll be in full opn, their added power'll be 300 kW. However, their effectiveness'll be in the magnitude of 2 megawatts due to the gain of direxional antennas" (Arnold J Lausevich)

Same booklet also says a 100 kW MW xmtr will be used, twice the max power allowed by the FCC. Booklet gives these addresses: CID Miami Office, 10020 SW 37th Terrace, Miami FL 33165. (305) 551-7357. CID Washington Office, 927 - 15th St NW, Suite 903-5, Washington DC 20005. (202) 638-6691 (Christos Rigas, Chicago IL) Hrd on 7352 24/5 0135, ~~M&W~~ ancrs, 20 ~~ovr~~ r S9 signal. 17/5 0122 on 7352, G sig, only S3 but very pro-sounding (Chuck Oliver, TX)

Stn for Cubans in Africa, seemingly the one on 6045, hrd often since 10/5; s/on always \*0500 sharp w/SP anmts, but no LDs, LAM & Cuban-type songs to 0530; first sounded like new LAM - stn, but propagation and time point to southern Africa. Perhaps same xmtr as R Truth, below, which goes off at 0459 (Ernie Behr, Ont, 11/6)

R Truth, 4902, still here almost daily, 0430-0459\*, nothing but birdcall IS & EG ID every 3 mins, same thing for over a month; what's the purpose of this broadcast? (Ernie Behr, 2/6)

V of Namibia Portuguese Radio reported 15/5 that the SWAPO 'd be starting a series of pgms in response to bcs from S Africa (presumably a reaction to the appearance of the anti-Zimbabwean govt R Truth svc). Zimb Radio Dir. of Pgms had told the 'Sunday Mail' npxpaper that the govt'd made premises available to SWAPO, from which to bc pgms thrice weekly. VON pgms 'd be hrd in S Africa & Namibia and'd be bc on M/W/F from 0200 local = 2200 Lisbon time (as hrd). SWAPO pgms'd be similar to those bc by V of Zimbabwe from Mozambique. 'd be aimed at correcting all info on Namibia and southern Africa. The number of bcs, according to the ZBC Dir of Pgms, 'd be increased if there was any evidence that their impact was effective in S Africa and particularly in Namibia. (Ed note: VON pgms currently bc by radios of Angola, Ethiopia, Tanzania [qv] and Zambia). A report from the S African Press Assn on 15/5 added that the ZBC Pgm Dir 'd told reporters that VON'd be beamed thrice weekly on ZBC's Radio One svc. 'd begin as soon as sufficient material'd been recorded. Launch date was close. Monitoring revealed start of VON from ZBC 16/5. Hrd on 3396, the ZBC R One channel, 1900-1925 w/pgm in EG & Afrikaans. After singing, accompanied by drums and the sound of gunfire, this anmt hrd in EG: "You are tuned to the Voice of Namibia, transmitting from the Voice of Zimbabwe, Radio One, in Harare, on the SW 90 metre band at 9 pm your time in Namibia. Listen to the Voice of Namibia every Monday, Wednesday and Friday" (WBI 19/5) see TANZANIA for more of these...

V of Free Africa S African npxpaper 'The Star' reported 3/6 that VOFA had closed down, amid reports of a bitter internal struggle w/in the Moz Natl Resistance Movement. Used to bc twice a day; off air more than a week, last obs 12/5 (WBI 9/6)

R Bardai, describing itself as stn of the Chadian National Radio but is in fact hostile to govt of Hissein Habre, ancd on 6009 kHz 4/5 that w/immediate effect it'd be on the air 1800-2030, 30 mins longer than previously. However, when monitored 16/5, R Bardai was on at 1800-2000 w/pgms in Arabic and a Chadian lang. Nothing in FR obs on this occasion (WBI 19/5)

V of the Free People of South Yemen hrd daily in Arabic on 11180 at 1300-1500 (G Victor A Goonetilleke, Sri Lanka, RN MN 26/5)

V of Iraqi Kurdistan continues hrd 1500-1630 in Surani and Bahdinani Kurdish, and in Arabic on 6367 kHz. Altho the Turkish npxpaper 'Hurriyet' reported 31/5 that ops against Kurdish fighters (Peshmergas) had been carried out in both Turkey and Iraq. A clandestine radio which'd

been located at Serdajt on the Iraq-Iran border 'd been silenced. This stn, "which was converted from a 3-kW radio into a xmt'r", 'd not come on the air for the past dekaday. However, neither V of Iraqi Revolution, nor V of the Iraqi People have been traced in recent weeks (WBI 9/6)

V of Iranian Revolution This stn obs 16/5 in Persian at 1240 on two variable fqs between 6375-6400 and 7400-7420. Pgm in Kurdish 1300-1410. 21/5, however, obs at 1305 on 6412-6420 kHz only (WBI 26/5)

V of Iran, 15315 at 0330-0400 now jammed by Iran (Victor Goonetilleke, Sri Lanka, RNNM 26/5) V of Iran, which operated at 0330 on 15315 and at 1805 on 9605, not hrd since 18/5 (WBI 9/6) Victor's report was probably taped just before 18/5 (gh) See also IRAN

R Vatan Altho V of Iran, above is jammed, R Vatan is still unjammed at 0400-0500 on 15555 (Goonetilleke, RNNM 26/5) G sig 29/5 \*0458 on 15555 (Christos Rigas, Chicago) Note time discrepancy (gh) On 9032, 30/5 0235-0320+: OC till \*0303. Electric piano IS, long pulse 0306 & into ID by M w/ment of Vatan\* 0309 long talk by W in Farsi. G'sig in LSB to escape 9034.4 ute (Steve Reinstein, DXSP)

Kawthulay R In its 7/6 edn, Thai EG-lang npaper 'The Nation Review' carried a report on over-running of a Karen rebels' stronghold in the Thai border province of Tak by Burmese troops on 6/6. Same day, 'Bangkok Post' carried similar report adding that attacking Burmese troops had been 'ordered to seize and destroy a Karen-owned radio stn near a camp at Maw Pokay'. Kawthulay R, being on 9775 Tue & Fri only, didn't appear for sked bcs 7/6; last monitored 3/6 (WBI 9/6)

V of the National Army of Democratic Kampuchea (Cambodian: Samleng Kangtoap Cheat Kampuchea Pracheasthippatai). Supports the Coalition Govt of Demo Kamp; hostile to present Phnom Penh regime and to Viet involvement in Cambodia. Inaugurated bcs 14/2/83; and use of 4mb not so far confirmed, but monitored on 5200 kHz in Cambodian: 1000-1300 including: 1000-1030 military training pgm, 1030-1100 mly experiences pgm, 1100-1130 political pgm, 1130-1200 pgm appealing to Khmer soldiers, 1200-1300 artistic pgm. 2300-2400: 2230[sic]-2300 mly training pgm, 2300-2330 political pgm (WBI 9/6) Changed sked, possibly from late Apr or early May; now obs on 5200: \*1100-1300 Kampuchean, 1300-1330\* Viet. VP at s/on, but improving w/time. Formerly bc at 1000-1230 (Isao Ugusa, DX Front Line 6/6)

NORTH AMERICAN PIRATES "Chez 106" [is this non-ID pronounced as in French?] pirate relay, presumably unauthorized, of Ottawa FM stn hrd on 4670a w/fade in by at least 2200; first noted 31/5, missing 6/6 but back 7/6 (C M Stanbury II, Ridgeway Ont) Caught 2/6 0330-0600 on 4667; same fq used for relay of CHNO Sudbury a few months ago (Terry Bowden, DX Ontario) I have a funny feeling that the person behind this is the same that was involved with a WKKK some years ago; goes to school at Carleton Univ in Ottawa, hence super reception of CHEZ for relay. Only a hunch, tho (Steve Webster, DX Ontario ed.)

Chicago German language pirate Hrd on 7425 23/5 0152-0223; something resembling IS until 0155, then time pips, into GM lang pgming. Mentd several times Chicago, Higgins Rd in Glenview suburb, Lincoln Ave where most German descendants live. Played pop mx by German group Kraftwerk. 0223\* w/same IS as beginning. F sig. Couldn't catch stn name if any. Strange, but interesting (Christos Rigas, Chicago) Someone else thought the name was Glockenspiel

R Clandestine I hrd this for first time, to my surprise smack in middle of 25mb, \*0530-0608 GMT Fri 27/5 on 11770 ± 1-2 kHz. Sig was G for short stretches, but subject to lots of fade. Hosted by an R F Burns. Rock mx mostly, but also a rather juvenile comedy spot (or in their words, public service spot) entitled "Top 40 Education". DJ Burns at various times referred to RG as "the nastiest little radio stn on the high seas," "your Long John Silver wireless stn," and "your favorite pirate bootleg stn" (doubt if he has the Arbitrons to back that statement). Also joked about how two artists he played--Buddy Holly & Jimi Hendrix--met their ends. All in all, not the best piece of radio I have hrd, but I must admit it was a lot more fun than listening to R Tirana (Bill Dvorak, Madison WI)

R Fluffernutter was hrd 15/5 on 7470 at 0717-0743\*; played ELO, Supertramp, The Cure, etc. Poor sigs (Chris Penney, Dearborn MI)

Crystal Ship, 7425, 28/5 0300-0348\*, gave phone (212) 989-9977 for callin but I didn't get thru--no answer. Sig far to poor (Frank N Decker, Syracuse NY) Also on 7425 an unID at 0605-? giving phone (212) 257-9906; vy weak sig; no answer to phone (ibid.)

WDX, 1620 kHz, 28/5 0400-0454; phone (203) 622-9606; other end claimed stn was on a ship using 20 watts and a 200' antenna supported by a weather balloon. F-P sig (Decker) Another WDX, on 530v kHz, operates with 1 watt from Rochester NY, long hours mostly w/relays and transcriptions from SW stns, per Philip M Dampier (gh)

V of Tomorrow, 6240 kHz, tnx to Artie Bigley tip, hrd 19/6 0315-0321\* Professional sound and strong signal but disgusting stn even if put-on, which it did not appear to be: racist comments anti-Black and anti-Semitic, charging Jewish control of media and advocating eugenics. Ancd fqs 15416, 15100, 7410, 6240, but didn't have a chance to check the others. Gave addr in Bristol VA which I am withholding. Closed w/Nazi song "Tomorrow Belongs to Me," and "When you hear the cry of the wolf, you're listening to the Voice of Tomorrow", then repeated several times drumbeat into wolfhowl. Stn apparently gave advance notice of bc to several members of ACE (gh)

## UNIDENTIFIED

4954 23/5 0100 mostly ballads, some Am pops w/ID sounding like "R Quince de Mayo?/Mai, radioemisaora Quito". Thot it was an HC but after listening to tape it might be a Brazilian in PT; need LSB. Poor (W J Parks, DKSF)

6205 28/5 0035, vy poor mod. Some 'wild' mx, part American, part Spanish. Played one number after another with no anmt, and finally pulled switch 0057; never a word (Chuck Oliver, TX) Central American music jammer? Was it adjacent to Sal or Nic clands? (gh)

6210 26/5 0330, playing "The Way We Were" when t/in; then wild disco number. Pulled switch 0334, not a word spoken (Chuck Oliver, TX) Ditto (gh) I stayed on fq and at 0336-0337 tone. 0340 mx box chimes to 0344, ancr in strange lang, then what sounded like religious number. Excellent sig; R Ireland? Don't think these were the same xmtr; latter stronger (Oliver) The latter, very likely TWR Monte Carlo (gh)

6212 28/5 0105, one number after another, then pulled switch at 0117. Crazy! Not a word; on again 0245-0254 (Chuck Oliver, Spring TX) Suggest you avoid use of "number" to refer to piece of music in this context, hi (gh)

9639 unID African stn 24/5 2225, F; Angola 2 x 4820? (Claudio Dondi, Italy, Play-DX)

## PUBLICATIONS

Nine Arabic SW Stns C-90 cassette, mostly taped in Europe; I've gone to a lot of trouble to maintain good audio quality. Samples of IDs, timesigs, mx themes, s/on/off, jingles, program samples of: Rabat, Riyad, Kuwait, Tripoli, Doha, Baghdad, Dubai, Algiers, Cairo. I will make copies for \$5 each if anyone is interested. This is not really a money-making project and people should feel free to run off duplicates if they wish. Rundown sheet included (David L Walcutt, 211 W 56th St., Apt 36-F, New York NY 10019)

Solar Indices Bulletin A new information product from the Natl Geophysical Data Center. Tabulates daily sunspot numbers for previous month; lists latest predictions of smoothed sunspot numbers; summarizes entire current sunspot cycle; tabulates daily radio flux of the quiet sun at 9 wavelengths; includes non-technical explanatory text; published monthly. 1-year subscription to this monthly bulletin is \$20. To become a subscriber you may either call (303) 497-6324 or write the National Geophysical Data Center, Solar-Terrestrial Physics Division (E/GC2), 325 Broadway, Boulder, CO 80303. Please include with your written order a check or MO payable in US currency to the Department of Commerce, NOAA/NGDC. Payment may also be made thru American Express card (via gh) It should be added that the sample March issue I have is only one legal-size sheet, printed both sides, slightly reduced type (gh)

Review of International Broadcasting, July 1983 issue contains: cover photo of El Eco de Honduras, 6000 kHz; Universal Amateur Radio ad for modified NRD-515; Radio Interference Between the US & Cuba--An Options Paper; Via FBIS, Robert Horvitz' compilation of CIA monitoring reports = 4 pages; 2-page Report from Perú by Juan Carlos Codina, a by-frequency survey of out of band and 90m Ecuadorian, Bolivian, Peruvian etc. stns audible in Lima, many of them never before reported by DXers; Report from Honduras by Don Moore on stn visits, soft-drink ads, his handling follow-up QSL requests for a currently inactive stn; 3-page Report from Saudi Arabia by Richard E Wood, country-by-country mostly SW monitoring report; the latest on new 'stns'--R Impacto, Costa Rica, R Earth, Curaçao, KNLS Alaska; Report from Sitka, Alaska, a town where SWling is widespread; the return of Broadcasts in English, a country-by-country quick reference list compiled by gh, showing latest times and frequencies audible in North America--4 page center feature; monitored pgm sked for V of Greece; advance pgm topics for July from R Beijing; full details of R Moscow World Svc & NAM svc summer pgms and fqs, 2 pages; alphabetized index to June 1983 RIB; 4-page Radio Equipment Forum, edited by David Newkirk; 4 page preview of BBC WS pgms in July; ad from EEB for ICR-70 and other rx and the agenda and registration form for 1983 ANARC Convention, Washington DC, July 15-17. Sample copies of July RIB are \$1.25 in NAM, 7 IRCs overseas; subscriptions \$15 in NAM, US funds only; by airmail \$20 to Central America, Caribbean, NW America; \$22 rest of S America W Europe, N Africa; \$24 USSR, rest of Africa, Asia, Pacific, to: Review of International Broadcasting, Box 6287, Knoxville, TN 37914 (gh) Or I'll have any samples that are left, for sale at the ANARC Convention (gh)

# QSL REPORTS

NEW ADDRESS

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



- ALBANIA:** Radio Tirana 9750 f/d cd. in 88 ds. (Topoleski-NY). 7120 p/d cd. in 78 ds. (Fortney-PA).
- ANTARTICA:** LRA36 Radio Nacional 15476 f/d large "Logo" cd. w/ ltr. in 421 ds. for a SP rpt. w/ ms. v/s Jose Carlos Prado and Hector Luis Repetto, Mayor. (Reinstein-FL). same in 6½ mo. for 2 IRCs. (Hall-CA). 15474 p/d cd. w/ ltr. in 8 mo. for a SP rpt. and ms. (Choroszy-ME)... Nice QSLs fellas! (Niekamp-MN).
- ANTIGUA:** Deutsche Welle 6040 f/d "EDXC" cd. in 1 mo. (George-NC). BBC 6175 cd. in 42 ds.
- ARGENTINA:** RAE 11710 n/d "Logo" cd. in 29 ds. w/ paper pennant and sticker. (Fortney-PA). same in 25 ds. for an EG rpt. and 2 IRCs. (Hakimzhad-AZ). n/d cd. in 30 ds. for 1 IRC. v/s Roxana Larghi. (Niekamp-MN). Radio El Mundo 6120 f/d "Logo" cd. in 16 ds. after a f/up rpt. v/s Gabriel Ivan Barrera. (Palmerheim-MN). Radio Rivadavia 5882 f/d "Logo" cd. in 16 hours for a visit to the station. v/s Ing. Jorge A. Falcone, Gerente Tecnico. (Barrera-ARG). nice B&W, blue cd. w/ "Owl Logo" in @ 1 mo. for a SP rpt. (Berg-MA). Radio Splendid 5985 f/d "Logo" cd. in 44 ds. w/ pennant. v/s Ing. Donato Contento. (Barrera-ARG).... Please refer to the last page of the Column for additional information... Sam.
- ARMENIA:** Radio Yerevan 17870 f/d white cd. in 242 ds. (Barrera-ARG). Radio Moscow via Yerevan 21740 cd. in 78 ds. (Rigas-IL).
- ASCENSION ISLAND:** VOA 21490 "Rodeo" cd. in 9 ds. (Luke-OH).
- ASIATIC RUSSIA:** Radio Moscow 12030 via Petropavlovsk-Kamchatsky "Festive Moscow" cd. in 33 ds. (Oksenoff-CA). 12050 via Khabarovsk same cd. in 33 ds. (Oksenoff-CA). 7290 via Vladivostok "Razim Street" cd. in 52 ds. (Oksenoff-CA).
- AUSTRALIA:** Radio Australia 17795 via Shepparton f/d cd. in 19 ds. for 1 IRC. (Luke-OH). VLH15 15230 Lyndhurst f/d "Map" cd. in 415 ds. (George-NC). VLW9 9610 Perth blue "Map" cd. in 30 ds. for 1 IRC. (Goering-KS). f/d cd. in 118 ds. for 2 IRCs. (Talbot-ALTA). VLH9 9680 Lyndhurst f/d green "Map" cd. in 13 ds. for ms. (Reinstein-FL).
- AUSTRIA:** ORF 21615 f/d "Lovers" cd. w/ sticker in 73 ds. (Blanchette-FL). 5945 f/d "Glass Towers" cd. in 42 ds. for a taped rpt. (Topoleski-PA).
- BANGLADESH:** Radio Bangladesh 11943 f/d form ltr. in 9 wks. for 3 IRCs. v/s Md. Abdur Rashid. C/V #160. (Davis-CO).
- BELGIUM:** BRT 21810 p/d form ltr. in 1 mo. (Barto-CT). KBC Radio 6262 f/d sheet, sticker w/ \* personal ltr. in 75 ds. for 2 IRCs. v/s Tom de Wit. 100 watts! (Krueger-FL)... Nice!
- BENIN:** ORTB 4870 "Logo, Flag and Map" cd. in 38 ds. for an EG rpt. and 1 IRC. (Rigas-IL).
- BOLIVIA:** Radio Illimani 6025 f/d ltr. in 64 ds. for a SP rpt. v/s Fausto Caballero Molina, Director General. (Rigas-IL). same in 135 ds. for a SP rpt. and ms. (Choroszy-ME). form \* ltr. in 103 ds. for a SP rpt. and ms. (George-NC). Radio Nacional Cochabamba 5974 very nice blue, white and gray cd. w/ f/d in 1 yr. after 3 f/up rpts. in SP. (Berg-MA).
- BONAIRE:** Radio Nederland 6165 f/d cd. in 1 mo. (Goering-KS). same in 7 wks. (Lindsay-NH).
- BRASIL:** Radio Nacional do Brasil 15290 f/d "Hotel Tambau" cd. in 35 ds. for 1 IRC. (Mayer-PA). Radio America 11855 f/d cd. for a PT rpt. for a 73 reception. (Field-MI).
- BYELORUSSIA:** Radio Moscow 15150 via Minsk f/d cd. in 55 ds. (Choroszy-ME). f/d "Festive Moscow" cd. in 41 ds. (Oksenoff-CA).
- CANADA:** Radio Canada International 11850 f/d 1981 "IYDP" cd. in 7 mo. for a rpt. via AWR-Asta's 1982 DX-Maxi Contest. v/s Ian McFarland. (Flynn-CA). CHNX 6130 f/d cd. in 1 mo. w/ sticker. (Lindsay-NH). CKFX 6080 f/d "Logo" cd. in 35 ds. for 1 IRC. (Goering-KS). p/d cd. in 61 ds. for ms. v/s Tricia Rattenbury. (Talbot-ALTA). CKZU 6160 f/d "CBC Center" cd. in 18 ds. (Rigas-IL). p/d cd. in 17 ds. v/s D.J. Horne. (George-NC).
- CHILE:** Radio Universidad de Concepcion 6135 cd. in 5 wks. for a SP rpt. (Berg-MA). f/d cd. in 24 ds. (Barrera-ARG).



Confirming your reception report of this station.

Freq: 11760 kHz.....  
Date: 12 APRIL, 1983.....  
Time: 07:23 - 08:57 GMT.....  
Pwr: 500 W.....

Many thanks and best wishes,

NOORAA TANGARAA  
DIRECTOR & CHIEF TECH

COOK ISLANDS BROADCASTING AND NEWSPAPER CORPORATION.

**CHINA, PEOPLES REP:** Nei Menggu

- \* PBS 6975 cd. in 2 mo. (Barto).
- \* Guangxi PBS 4915 f/d cd. via Peking in 2 mo. (Barto-CT).
- \* Gansu PBS 4865 Lanzhou CH cd. in 27 mo. direct from station (Berg-MA). Radio Beijing 15520 f/d "Boy and Girl" cd. in 25 ds. w/ sticker. (Blanchette-FL) 15120 f/d "Great Wall" cd. in 27 ds. w/ stickers. (Niekamp).
- \* Xinjiang PBS 4735 f/d cd. in 2 mo. (Barto-CT).

CHINA, PEOPLES REP: Fujian PBS 5040 usual CH cd.  
\* in 17 mo. after a f/up rpt.(Berg-MA).

COLOMBIA: Radio Macarena 5975 f/d ltr. w/ stick-

\* er in 23 ds. for a SP rpt. v/s Enrique Zambrano Nieto, Gerente.(Rigas-IL). ltr. w/ prepared cd and sticker in 3 wks.-for a SP rpt. Addr: Calle 38 No. 32 41, Piso 7, Apto. Aereo 2484, Villavicencio.(Berg-MA). Ondas del Darien 6085 ltr. in 14 mo. for a SP rpt. v/s Manuel Cardona Agudelo. Addr: Calle 53 No.

\* 43 98, Apto. Aereo 1289.(Berg-MA). Armonias del Caqueta 4915 ltr. w/ prepared cd. in 4 mo after a f/up rpt. in SP. v/s P. Alvaro Serna Alzate, Director.(Berg-MA). Ondas del Meta 4885 ltr. w/ "Certificado de Sintonia" in 6 wks. for a SP rpt. v/s Wilson Jair Miranda, Ejecutivo de Publicidad and Jaime Benito Delgadillo, Director.(Berg-MA).

COOK ISLANDS: Radio Cook Islands 11760 f/d cd.

in 26 ds. for 2 IRCs. v/s Nooroa Tangaroa. (Talbot-ALTA). same in 2 mo. for a taped rpt. and 2 IRCs. 500 watts!(Matthews-OH).

COSTA RICA: Radio Reloj 6006 cd. in 19 ds. for a

SP rpt. and 1 IRC. v/s Francisco Barabona G., (Rigas-IL). same in 23 ds. on my first try w/ a SP rpt.(!) for 2 IRCs.(Topoleski)Great!! Radio Rumbo 6075 veri on a large sticker in 16 mo. after 5 f/up rpt.(Berg-MA)...Surprised at this as Rumbo usually QSLs in fairly

reasonable time.

CUBA: Radio Moscow 11840 via Habana f/d cd. in 33 ds.(Oksenoff-CA).

CYPRUS: BBC 7135 p/d personal note from the relay site in 31 ds. for 1 IRC and a taped rpt also n/d "Bridge" cd. via London in 65 ds. w/ note from J. Keith Edwards.(Choroszy-ME)

CZECHOSLOVAKIA: Radio Prague 7345 f/d cd. in 29 ds.(Topoleski-PA). QLB5 3170 p/d "Obser-

\* vatory" cd. in 10 wks. for a taped rpt. v/s Ing. V. Ptacek, Time Division.(Matthews-OH)

DOMINICAN REP: Radio Santiago 6048 ltr. in 3 mo. from Radio Club DX International heads

\* Dino Blotse, Director and Carlos Benoit, Subdirector.(Berg-MA). La Voz del CID 11700 via Radio Clarin f/d ltr. in 17 ds. for a SP rpt. v/s Bernardo Morell. Addr: CID, Delegacion en Costa Rica, A.P. 5557, 1000-San Jose, Costa Rica.(Barrera-ARG).

ECUADOR: Radio Paz y Bien 4820 f/d cd. w/ personal ltr. in 67 ds. for a SP rpt. Pennant

\* rcvd. v/s Enrique Pasantes G., Gerente.(Rigas-IL). Radio Nacional Progreso 5060 p/d ltr. in 8 mo. for a SP rpt. and 1 IRC. v/s Efrain Herrera Guerrero.(Gliksman-IL).

HD2IOA 7600 p/d cd. in 51 ds. for an EG rpt. Pennant rcvd.(Rigas-IL). Radio Jesus del

Gran Poder 5050 p/d cd. in 43 ds. for a SP rpt. and ms. v/s Jorge Enriquez S.(George-

NC). La Voz del Napo 3280 p/d personal ltr. in 22 ds. for a SP rpt. and ms. v/s F

\* Evelio Ortiz, Director.(George-NC). La Voz de Saquisilil 4900 no veri but extremely

\* attractive XMAS cd. in 11 mo.v/s Arturo Mena Herrera, Gerente.(Berg-MA). Radio Bahai

4990 prepared cd. in 7 wks. for a SP rpt.(Berg-MA). Emisora Gran Colombia 4911 prepared

cd. w/ pennant in 4 mo. after 1 f/up rpt.(Berg-MA).

EL SALVADOR: Radio Venceremos 6825 and 6905 p/d ltr. in 5 wks. for a SP rpt. v/s Rolando

Martinez.(Barto).

6850 and 6950 n/d

ltr. in 10 mo. via

Mexico City addr.

Ltr. sent from

Managua.(Palmer-

shelm-MN).

ENGLAND: BBC 6838 p/d

cd. for their USB

feed to the Carib-

bean. v/s J.C.

Metcalf, Assis-

tant C.E.(Barto).

EUROPEAN RUSSIA:Radio

Moscow via Moscow

on 7290 cd. in 78

ds.(Rigas-IL). via

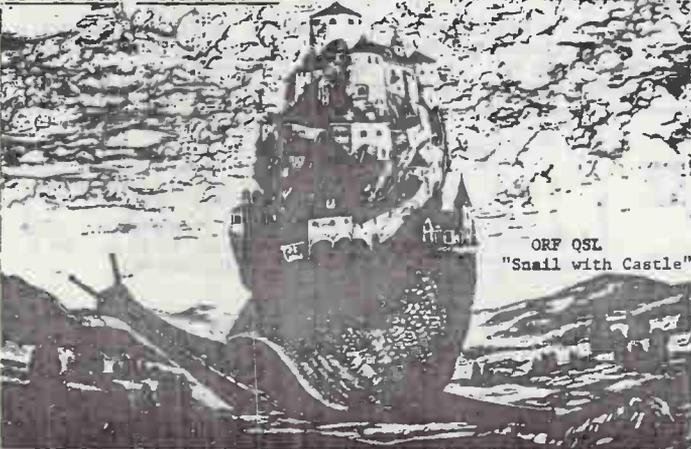
Kenga on 12060 w/

cd. in 51 ds.

(Oksenoff-CA).

QSL REPORT FORMS ARE

AVAILABLE FROM EDITOR



ORF QSL  
"Snail with Castle"

EUROPEAN RUSSIA: Radio Moscow 15530 via Ivano-Frankovsk f/d cd. in 46 ds. (Oksenoff-CA). 11850 via Rysan f/d cd. in 53 ds. (Oksenoff-CA).

FALKLAND ISLANDS: FIBS 3958 f/d "Logo" cd. in 58 ds. for 4 IRCs.

v/s A.R. Davies, Broadcast Secretary. (Hosmer-MI). same in  
\* 63 ds. for 3 IRCs. (Reinstein-FL). f/d cd. in 10 wks.  
for a taped rpt. and 3 IRCs. (Matthews-OH). in  
2 mo. (Lineback-TX). f/d cd. in 72 ds. for 3  
IRC's. (Lare-MI). cd. in 49 ds. for a taped rpt.  
(Choroszy-ME). f/d cd. in 9 wks. (Huntwell-NJ).  
cd. in 9 wks. for 3 IRCs. (Davis-CO)...Nice!!

FEDERAL REP. OF GERMANY: VOA 7105 Munich f/d cd. in  
10 ds. (Hosmer-MI). Deutsche Welle 15150 n/d "Broad-  
casting Centre" cd. in 40 ds. (Choroszy-ME).

FINLAND: Radio Finland 17800 n/d "Finlandia Hall" cd. in  
31 ds. for 1 IRC. (Niekamp-MN).

FRANCE: Radio France International 17640 f/d "Antenna Farm"  
cd. in 57 ds. w/ sticker. (Mayer-PA). 17620 f/d cd. in 5 wks  
for 1 IRC. Pennant rcvd. (Kacir-MI). same in 37 ds. (George-  
NC). 9790 cd. in 62 ds. (Robinson-TN). 21620 f/d cd. in 31 ds.  
w/ sticker. (Topoleski).

GABON: Africa No. 1 4811 "Logo" cd. in 35 ds. for a FR rpt. and 2  
IRC's. (Topoleski-PA)...My first FR reception report!

GERMAN DEM REPUBLIC: Radio Berlin International 11975 f/d cd. in 101  
ds. (Topoleski). 9560 f/d cd. in 58 ds. (Niekamp-MN).

GREECE: Voice of Greece 12045 f/d "Plomari" cd. in 41 ds. for 1 IRC.  
(Niekamp-MN). 11645 f/d "Kapsali Castle" cd. in 67 ds. (Somers-NJ).

GUATEMALA: Radio Cultural 3300 p/d cd. in 195 ds. for a SP rpt. and 1 IRC.

(Choroszy-ME). Radio Mam 4825 p/d cd. in 32 ds. for a SP rpt. v/s Herminio  
Perez Lopez, Director. (Rigas-IL). Radio Maya de Barillas 3325 f/d "Warrior"  
cd. in 67 ds. for a SP rpt. and 1 IRC. (Choroszy-ME). same in 3 wks. v/s  
Francisco Juan Pedro, Gerente. (Berg-MA). Radio Chortis 3380 form ltr. in 5  
wks. for a SP rpt. v/s Juan Maria Boxus, Director Ejecutivo. (Berg-MA). La Voz  
de Nahuala 3360 nice ltr. w/ cd. in 3 wks. for a SP rpt. v/s Juan Fidel Lape  
Jarez, Director de Programacion. (Berg-MA). (Kacir-MI).

HAWAII: MWH 10000 p/d "Outrigger" cd. in 27 ds. (Niekamp-MN). 15000 same in 22 ds.

HOLLAND: Radio Nederland 11730 via Lopik f/d "Flevo" cd. in 21 ds. w/ sticker. (Nie-

HONDURAS: Radio Lux 4890 prepared cd. in 15 mo. for a SP rpt. after 5 f/up kamp-MN).  
rpts. v/s Jaime Reinel Espinoza, Director. (Berg-MA).

HUNGARY: Radio Budapest 9585 f/d cd. in 37 ds. w/ pennant. (Talbot-ALTA).

ICELAND: Iceland State Broadcasting Service 13797 cd. in 180 ds. for 4 IRCs. (Cassidy-IN),  
f/d "Thingvellir" cd. in 93 ds. for 1 IRC. (Paszkiwicz-WI). f/d cd. in 125 ds. for a  
taped rpt. and 2 IRCs. (Michaud-QUE).

INDIA: All India Radio 11620 f/d "Elephant Photo" cd. in 51 ds. for 2 IRCs. (Konen-WI).

IRAN: Voice of the Islamic Revolution 9022 f/d "War is Ugly" cd. in 11lds. (Stephany-NY).  
same in 227 ds. (Reinstein-FL).

IRAQ: Radio Baghdad 9745 pennant only in 5 mo. for 2 IRCs. (Plum-NJ). f/d large "Logo/Map"  
cd. in 162 ds. for 2 IRCs. (George-NC).

IRELAND: Radio Dublin International 6910 f/d cd. w/ sticker in 35 ds. for 4 IRCs. v/s  
Gerry Jones. (Hosmer-MI).

ISRAEL: IBA 9815 cd. in 40 ds. for 2 IRCs. (Brenesal-FL). 13745 cd. in 39 ds. (Sobkoviak-IL)

ITALY: RAI 9575 f/d cd. in 110 ds. (Somers-NJ). Radio Milano International 6221 f/d sheet  
\* w/ stickers in 11 wks. for a taped rpt. v/s Dario Monferini. (Berg-MA). f/d World Music

\* Radio cd. in 4 mo. for EG rpt, tape and 2 IRCs. (Lobdell-MA). Stazione Italiana Speri-  
mentale 7389 ltr. w/ prepared cd. in 15 mo. after  
3 f/up rpts. 200 watts!  
v/s Marco Brugnolo. (Berg).

IVORY COAST: Radio Abidjan  
4940 cd. in 35 ds. for 2  
IRC's. (Brenesal-FL). 7215  
f/d cd. in 37 ds. for 2  
IRC's. (Cobb-ME).

Amigo Oyate:

Le agradecemos mucho su aviso  
de recepcion del 13 de Julio a  
las horas 09:10 a.m. en nuestra  
frecuencia de 9.813 Mc.

Noa sera muy grato seguir reci-  
biendo noticias suyas.

RADIO NACIONAL DEL PERU  
Petit Thouars 447 Dma.

Richard E. Davis  
8013 Park Lane  
Bethesda MD  
M. R. A.



1. IMA: OAX4A-494 Mc-257 m. OAX4T-9465 Mc-11 m. OAX4E-4967 Mc-99 m  
TACNA: OAX4D-1080 Mc-377 m. OAX4F-4185 Mc-10 m. OAX4G-9530 Mc-21 m.  
QUITO: OAX4B-1030 Mc-201 m.

**JAPAN:** Radio Japan 9505 n/d "Water Lillies" cd. in 25 ds. for 1 IRC. (Hakimmezhad-AZ). 11705 cd. in 21 ds. \* (Clifford-FRG). NHK 17552 via Oyama "Danzan Shrine" cd. in 2 mo. for SSB reception. (Darling-UK). JJY 8000 f/d cd. in 15 ds. (Lare-MI).

**KAZAKH SSR:** Radio Moscow 11770 via Alma Ata f/d cd. in 70 ds. (Bryant-OK).

**KENYA:** Voice of Kenya 4915 aerogramme in 28 ds. (Rigas)

**KIRIBATI:** Radio Kiribati 16431 f/d prepared cd. in 34 \* ds. for ms. (Bryant-OK).

**KIRGHIZ SSR:** Radio Moscow via Frunze 11820 f/d cd. in 7 wks. (Meyer-WI).

**KOREA, REPUBLIC OF:** Radio Korea 9750 f/d "Musical Instruments" cd. w/ pennant in 58 ds. for 2 IRCs. (Kendra-PA). 9570 p/d "Art Treasures" cd. in 48 ds. (Stephany-NY).

**KUWAIT:** Radio Kuwait 11675 f/d folder cd. in 52 ds. v/s Jawad Al-Mazeedi, Chief Engineer. (Lindsay-NH). same in 31 ds. (Blanchette-FL).

**LATVIAN SSR:** Radio Moscow 21615 via Riga f/d cd. in 60 ds. (Bryant-OK). 15220 cd. in 78 ds. (Rigas-IL).

**LESOTHO:** BBC 9515 f/d personal ltr. in 2 wks. v/s J.C. \* Metcalfe. (Sgrulletta-NY).

**LIBERIA:** ELBC 3255 f/d "Sound of Progress" cd. in 204 ds. (D'Angelo-PA). same in 53 ds. for 2 IRCs. (Loh-AZ). VOA 6035 f/d cd. in 13 ds. (Niekamp-MN).

**LIBYA:** Radio Jamahiriya 11815 f/d cd. w/ ltr. in 16 ds for 2 IRCs. v/s Mohammed Sweidan, Director. Addr:

\* Voice of Friendship and Solidarity, P.O. Box 17, Hamrun, Malta. Sweidan will sign and stamp all prepared cds. (Reinstein-FL). 11816 in 15 mo. for EG rpt. (Cohen-PA). same in 20 ds. for 2 IRCs. (Konen-WI). n/d cd. in 453 ds. (Somers-NJ).

**LITHUANIAN SSR:** Radio Vilnius 17870 folder cd. in 291 ds. w/ pennant. (Oksenoff-CA).

**LUXEMBOURG:** Radio Luxembourg 6090 cd. in 28 ds. for 1 IRC. (Brenesal-FL). n/d cd. in 32 ds. for 2 IRCs. (Talbot-ALTA).

**MALAGASY REPUBLIC:** Radio Nederland 15220 f/d "Commerative Stone" cd. in 12 ds. (Streeter-NY) 15560 same cd. in 23 ds. (Konen-WI). stein-FL).

**MALAYSIA:** Radio Malaysia 9515 and 9665 f/d "Tepak Serih" cd. in 22 ds. for 2 IRCs. (Reinstein-FL).

**MALI:** Radiodiffusion Nationale du Mali 7110 p/d "Map" cd. in 370 ds. for a FR rpt. and 2 IRCs after a f/up rpt. (Barrera-ARG).

**MALTA:** International Christian Radio 9515 f/d ltr. in 23 ds. (Michaud-QUE). f/d "Toronto Skyline" cd. in 386 ds. (Luke-OH). Deutsche Welle 9590 p/d cd. in 30 ds. (Cassidy-IN).

**IBRA Radio 9515 cd.** in 77 ds. for ms. (Konen-WI). Radio Mediterranean 5960 f/d "Map" cd. in 21 ds. for 2 IRCs. v/s Marisa Farrugia, Secretary. (Streeter-NY). 6110 f/d cd. w/ sticker in 47 ds. for 2 IRCs. (Buer-FL). same in 1 mo. w/ sticker (Plum-NJ).

**MAURITANIA:** Radio Mauritanie 4845 f/d "Map" cd. in 39 ds. for a FR rpt. and ms. (Buer-FL).

**MEXICO:** Radio Mexico 15430 f/d cd. in 30 ds. for a SP rpt. and 1 IRC. (Konen-WI).

**MONACO:** Trans World Radio 9493 "Coastline" cd. in 16 ds. for ms. (Reinstein-FL). 9495 f/d cd. in 43 ds. for 1 IRC. (Paszkwicz-WI).

**MONGOLIA:** Radio Ulan Bator 12070 f/d "Logo" cd. in 1 yr. for 1 IRC. (Goering-KS).

**MONTSERRAT:** Deutsche Welle 11705 n/d "Broadcasting Center" cd. in 23 ds. (Niekamp).

**NAMIBIA:** Radio SWA 4965 f/d cd. w/ sticker in 114 ds. for ms. (Bryant-OK). f/d cd. in 3 1/2 mo. w/ book on SWA. (Goering-KS). f/d "Aloe Dichotoma" cd. w/ sticker in 76 ds. for 2 IRCs. (Tutak-NJ).

**NEW CALEDONIA:** Radio Noumea 7170 f/d form ltr. in 40 ds. for a FR rpt. and ms. (Bryant-OK). same in 30 ds. for an EG rpt. and 1 IRC. (Rigas-IL).

**NEWFOUNDLAND:** CKZN 6160 f/d cd. w/ ltr. in 17 ds. v/s D. Uttaro, Manager of Regional Engineering. (Lindsay-NH).

**NEW ZEALAND:** Radio New Zealand 17705 f/d "Fishing" cd. w/ pennant in 28 ds. for 3 IRCs. (Stephany-NY).



RADIODIFFUSION TELEVISION

FRANÇAISE

vintage 1960 QSL  
from Algeria

## RADIO ALGERIE

10, Rue Hoche - ALGER

(Algerie - Ahlique du Nord)

**NEW ZEALAND:** Radio New Zealand 15485 f/d cd. in 16 ds. w/ pennant for 3 IRCs. (Plum-NJ). f/d "Maori Sculpture" cd. in 497 ds. w/ pennant. (George-NC).

**NICARAGUA:** La Voz de Nicaragua 5955 ltr. w/ decal in 78 ds. for a SP/EG rpt. and 1 IRC. v/s Rodolfo Garcia G. (Konen-WI).

**NIGER:** ORTN La Voix du Sahel 5020 f/d cd. w/ personal ltr. in 41 ds. for a FR rpt. (Reinstein-FL).

**NIGERIA:** Voice of Nigeria 15120 f/d cd. in 107 ds. (Martin-IN). cd. in 150 ds. for 2 IRCs. (Cassidy-IN). f/d "Tafawa Balewa Square" cd. in 225 ds. for 1 IRC. (Anderson-NM). Plateau Broadcasting Corp. 5965 Jos f/d form ltr. in 37 ds. for 2 IRCs. v/s F.O.N. Dike. (Palmerheim-MN).

**NORWAY:** Radio Norway 9685 f/d "Traditional Dress" cd. w/ stamps and sticker in 23 ds. for 2 IRCs. (Talbot-ALTA). 11870 cd. w/ sticker in 26 ds. (Smith-NY). (Paszkwicz).

**OMAN:** BBC 11955 n/d "Bridge" cd. in 23 ds.

**PAPUA NEW GUINEA:** Radio West Sepik 3205 f/d \* ltr. in 2 mo. for 2 IRCs. v/s Raka Saini, Regional Manager. (Palmerheim-MN).

**PARAGUAY:** Radio Nacional 9735 n/d ltr. in 1 mo. for a SP rpt. v/s Carlos Montaner, Technical Director. (Lindsay-NH).

**PERU:** Radio Tarma 4775 prepared cd. w/ personal ltr. in 37 ds. for a SP rpt. v/s Mario Monteverde, Gerente. (Rigas-IL). n/d ltr. in 10 wks. for a SP rpt. and 1 IRC. (Gliksman-IL).

\* Radio Andahuaylas 4840 "Girl of Cusco" cd. in 10 wks. for a SP rpt. and ms. v/s Celia T. de Taipe, Locutor. (Lobdell-MA). La Voz de La Selva 4825 f/d ltr. in 1 mo. for a SP rpt. and 1 IRC. v/s P/ Maurilio Bernardo P. Administrador. (Gliksman-IL).

\* Radio Huanta 4755 p/d ltr. in 2 mo. for a SP rpt. and 1 IRC. v/s Humberto Sapaico Salazar, Gerente-Propietario and Tito Abad Ore, Administrador General. (Gliksman-IL). ltr. w/ prepared cd. in 27 ds. for a SP rpt. and ms. (Sparks-CA). same in 5 wks. for a SP rpt. Addr: Jr. Gervacio Santillana No. 455, Huanta. (Berg-MA). Radio Oriente 6190 n/d ltr. in 1 mo. for a SP rpt. and 1 IRC. v/s Prof. Ricardo Anevalo \* Flores, Administrador-Director Artistico. Pennant rcvd. (Gliksman-IL). Radio Pampas 4855 f/d prepared cd. w/ personal ltr. in 32 ds. for a SP rpt. and ms. v/s Luis F.D. Mestre Rojas, Administrador. (Sparks-CA). ltr. w/ prepared cd, photos and Peruvian coin in 6 wks for a SP rpt. (Berg-MA). Radio Los Andes 5030 f/d cd. w/ postcard in 5 1/2 mo. for a SP rpt and ms. v/s Pablo Cardenas Valverde, Director Gerente. (Sparks-CA). f/d white cd. in 6 mo for a SP rpt. after 1 f/up rpt. Addr: Bolivar 529, 2do. Piso, Huamachuco. (Berg-MA).

\* Radio Vision 5360 long ltr. w/ prepared cd. in 11 wks. for a taped rpt. v/s Carlos Campos Rivera. Addr: Huallaga 559, Juanjui. (Berg-MA). Radio Rioja 5045 form ltr. after 4 f/up rpts. v/s Teofilo Juan Mori Mendoza, Director. (Berg-MA)...Excellent selection!!!

**PHILIPPINES:** VOA Tinang 11715 f/d cd. in 31 ds. (Hosmer-MI).

**POLAND:** Radio Polonia 7270 f/d "Lazienki Park" cd. in 94 ds. (Paszkwicz-WI).

**PORTUGAL:** Radio Canada International via Sines on 7285 f/d "Canada Council" cd. in 107 ds. (Rigas-IL). Radio Portugal 11925 f/d cd. in 32 ds. (Lindsay-NH). f/d "Aquarium" cd. in 30 ds. for 1 IRC. (Kacir-MI).

5075 f/d "Seal" cd. in 18 ds. (Konen-WI). Radio Renascenca 11730 f/d "Antenna/Tower" cd. in 2 mo. for a PT rpt. (Field) **QATAR:** QBS 15395 f/d cd. in 48 ds. for a taped rpt. and 1 IRC. v/s Jassem Mohd. Al-Qattan, Head of Public Relations. (Loh-AZ). 17910 f/d "Map" cd. in 52 ds. for 2 IRCs. (Konen).

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



## " LA VOZ DEL RIO TARQUI "

### LA RADIO DE LA IMENSA SINTONIA

from Chris Cuenca—Ecuador  
Lobdell

Su reporte de fecha 28 de Diciembre de 1.81

hora 5:12 A.M. lugar Estados Unidos.

acerca de nuestra trasmisión, en la frecuencia de los 3.285 khz. es correcta.

**ROMANIA:** Radio Bucharest 15335 f/d cd. in 35 ds. for 1 IRC.(Luke-OH).  
**SAIPAN:** KYOI 15190 f/d "Bird/Logo" cd. in 63 ds. for 2 IRCs. v/s Mark Grizzard.(Cobb-ME). same in 59 ds. for 2 IRCs.(Barrera-ARG). in 11 wks. for ms.(Sparks-CA). same in 3 mo. for ms (Lare-MI). f/d cd. in 60 ds. for ms.(Street-er-NY). same in 28 ds.(Gundersen-MN). 11900 cd. in 2 1/2 mo. for a taped rpt. and ms.(Sgrulletta-NY). f/d cd. in 36 ds. for ms.(Clifford-FRG). cd. in 81 ds. for ms. (Hosmer-MI). cd. in 3 mo. v/s Ralph Eugene. (Lazarus-LA). f/d cd. in 10 wks.(Lobdell-MA). f/d cd. in 75 ds. for ms.(Falkenhan-MD).cd. in 73 ds.(Rigas-IL)15405 cd. in 95 ds. for 2 IRCs.(Talbot-ALTA). 9670 f/d cd. in 58 ds. for ms.(Paszkiwicz-WI)...Just a coincidence but the printing of Rigas and Falkenhan seems to remarkably similar...Sam. HI!

**SAUDI ARABIA:** BSKSA 11855 p/d form ltr. in 90 ds. for 2 IRCs. v/s Moh'd al Mansour, Director General for Radio Riyadh.(Bryant-OK).

**SCOTLAND:** Radio Lynda 6840 cd. w/ ltr. in 39 ds. for a \* SASE. v/s John Dean.(Geraghty-UK).

**SENEGAL:** ORTS Radio Senegal 4890 p/d "Logo" cd. in 7 wks. for a FR rpt. and 2 IRCs.(Wilkins-CO). same in 45 ds. for an EG rpt. and 1 IRC.(Goering-KS). p/d cd. in 5 wks. for a FR rpt. and 1 IRC.(Gliksman-IL). -NY).

**SEYCHELLES:** FEBA 15200 n/d cd. in 35 ds. for 3 IRCs.(Tokarchick

**SICILY:** RAI 7175 via Caltanissetta f/d cd. in 100 ds. for 1 IRC.

**SINGAPORE:** Singapore Broadcasting Corp. 11940 f/d (Meyer-WI). cd. in 3 wks. for 1 IRC. v/s Kenneth Anthony Rappa, Senior Operations Officer.(Swaringen-NC).

**SOLOMON ISLANDS:** SIBS 9545 f/d cd. in 18 ds. for 2 IRCs.(Hakimmezhad

**SOUTH AFRICA:** Radio RSA 11900 f/d "Cape Peninsula" cd. in 32 -AZ). ds.(Cones-VA). f/d "Main Reef Gold Mine" cd. in 30 ds.(Robinson-TN). 9615 p/d "Johannesburg Landmarks" cd. in 40 ds. for 2 IRCs.(Hakimmezhad). 11730 same cd. in 27 ds.(Blanchette-FL). Radio Five 3250 f/d cd. w/ sticker in 52 ds.v/s Colin Miller, Technical Manager.(Palmer-sheim-MN). ZUO 5000 f/d form ltr. in 73 ds. for 1 IRC. v/s J. Bolden.

**SPAIN:** Radio Exterior de Espana 11880 via Toledo (Palmerheim-MN). f/d cd. in 30 ds.(Smith-NY). cd. in 35 ds.(Somers-NJ). p/d "Art" cd. in 1 mo.(Hakimmezhaa). 9630 f/d "Marineros" cd. in 32 ds.(Oksenoff-CA). 15375 f/d cd. in 36 ds.(Lindsay-NH).

**SRI LANKA:** AWR Radio 11835 f/d cd. in 55 ds. for 2 IRCs. v/s Jose Jacob(Lare).

**SWAZILAND:** Trans World Radio 9525 f/d cd. in 44 ds. for 1 IRC. v/s Terri Tange-man.(Paszkiwicz-WI). 5055 f/d cd. in 55 ds. for 2 IRCs.(Swaringen-NC). same in 56 ds. for 2 IRCs.(Hosmer-MI). 9730 cd. in 30 ds. for 2 IRCs.(Lare-MI).

**SWEDEN:** Radio Sweden International 9685 f/d "Logo" cd. in 21 ds. w/ pennant for 2 IRCs.(Talbot-ALTA). 11705 f/d "Anniversary" cd. in 12 ds.(Somers-NJ). 9695 and 11705 f/d cd. in 12 ds. v/s V. Brindt.(Palmerheim-MN).

**SWITZERLAND:** Swiss Radio International 9725 f/d cd. w/ sticker in 58 ds. for 1 IRC. (Hosmer-MI) 6135 f/d cd. w/ sticker in 24 ds.(Stephany-NY). 3985 f/d cd. in 7 wks. for a taped rpt. and 2 IRCs.(Kapinos-MA).

Mid 1960s pennant  
via Don Hosmer

RADIO NEW YORK WORLDWIDE





Burma Broadcasting Service

- U. S. A.

Location.....

Wavelength..... 5040, KHz

Date..... 3-9-82

Time..... 12:30 To 1:15 (GMT)  
via Richard Davis  
Your reception report has been  
examined and found correct/incorrect.

*Richard Davis*  
Director (Broadcasting)  
Information and Broadcasting Department,  
Rangoon, Burma.

**TADZHIK SSR:** Radio Moscow 9535 via Dushanbe f/d cd. in 92 ds.(Lare)

**TAHITI:** FR3 15170 f/d cd. in 32 ds. for 2 IRCs. (Lindsay-NH).

**TAIWAN:** WYFR via Voice of Free China 15525 f/d cd. in 36 ds. for ms. (Buer-FL).

**TANGIER:** VOA 15205 f/d cd. in 2 mo.(Lare-MI).

**TANZANIA:** Radio Tanzania 5050 p/d personal ltr. \* in 29 ds. for an EG rpt. v/s E.A.H. Mkongwe. (Reinstein-FL).

**TOGO:** RTVT 5047 f/d cd. in 78 ds.(Tutak-NJ).

TVT 3222 via Kara f/d "Logo" cd. in 42 ds. for a pt. and 1 IRC. (Palmerheim-MN).  
 Voice of Turkey 9560 f/d "Dancers" cd. in 23 ds. es-VA). 9615 f/d cd. in 304 ds. for 2 IRCs. (MIRadio Uganda 15325 cd. w/ per-chaud-QUE)  
 l tr. from Henry Nelson Mwanje. (Darling-UK).  
 AN SSR: Radio Kiev 9710 f/d "Opera House" cd. in s. for 1 IRC. (Talbot-ALTA).

ARAB EMIRATES: Dubai Radio and Colour TV 11955 "Logo" cd. in 24 ds. v/s K.F. Fenner. (Cones-VA).  
 Radio Libertad Sport 6045 f/d ltr. in 37 ds. a SP rpt. v/s Sr. Jorge Cubilo, Director. (Barr-ET 6000 f/d cd. in 87 ds. for 1 IRC. era-ARG).  
 ot-ALTA). 15280 cd. in 1 mo. for ms. (Yingling).

f/d cd. in 11 wks. for ms. v/s Jesus Elizondo. (Wilkins-CO). Voice of Free China  
 WYFR 5985 f/d cd. w/ pennant, key chain and pin in 60 ds. (Michaud-QUE). same in 68  
 for 2 IRCs. (Brenesal-FL). f/d "Paper Cutting" cd. w/ pin in 9 wks. (Lindsay-NH).  
 "Plum Blossoms" cd. in 36 ds. w/ pennant. (Oksenoff-CA). Voice of the OAS 9640 cd.  
 tr. in 9 ds. for a taped rpt. v/s Delia C. Levandoski, Radio and TV Unit. (Sgrulle-  
 NY). United Nations Radio via Greenville f/d cd. in 6 ds. (Paszkiwicz-WI). WINB  
 5 f/d cd. in 13 ds. (Lindsay-NH). WYFR 11855 f/d cd. w/ sticker in 36 ds. (Lindsay-  
 9715 f/d "Logo" cd. in 46 ds. (Niekamp-MN). La Voz de CID 7355 "Certificado de  
 onia" on CID letterhead. v/s Bernardo Morell. (Berg-MA).

Radio Moscow 7160 cd. in 2 mo. v/s Clara Slavina, NA Service. (Somers-NJ). Radio Sta-  
 Peace and Progress f/d RS cd. in 2 mo. w/ meter band-no freq. (Yingling).

SR: Radio Tashkent 11785 f/d cd. in 2 mo. (Yingling).

Radio Vatican 6015 f/d cd. in 40 ds. (Lindsay-NH).

LA: Radio Maturin 5040 n/d cd. in 2 mo. for a SP rpt. v/s Carmilo Resplandor. (Bar-  
 to-CT).

Voice of Vietnam 10080 f/d cd. w/ pennant in 175 ds. for 2 IRCs.

an EG rpt. (George-NC).

Voice of the Leek 6265.5 ltr. in Welsh in 18 ds. for a SASE. 30 watts! v/s Idris  
 s. (Darling-UK).

VIA: Radio Yugoslavia 9620 f/d "Koper" cd. in 249 ds. for 2 IRCs. (George-NC). n/d

in 46 ds. (Michaud-QUE). f/d cd. w/ sticker in 13 wks. for 1 IRC. (Wilkins-CO). f/d

aurant" cd. w/ sticker in 7 mo. for a taped rpt. and 3 IRCs. (Kacir-MI). 11735

o Titograd via Radio Yugoslavia "Titograd" cd. in 45 ds. (Rigas-IL).

La Voix du Zaire 15245 f/d ltr. in 63 ds. for a FR rpt. and 2 IRCs. v/s Lepambila

. Le Directeur Technique. (Rigas-IL).

## LA PAZ — BOLIVIA

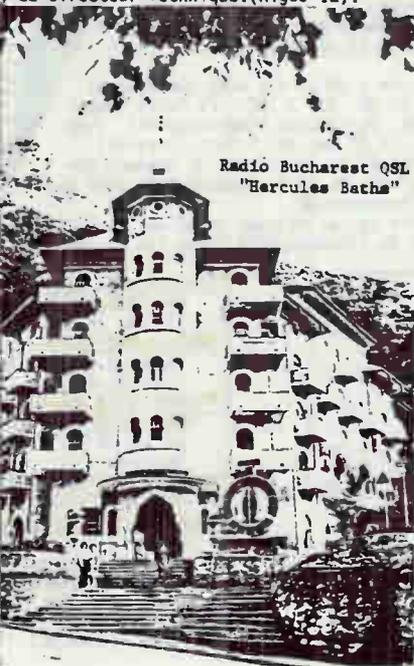
Altitud 3812 metros  
 via Richard Davis  
 Características Disintivas

CP 27 - 730 kcs 411 metros.

CP 75 - <sup>5000</sup>4985 kcs. 60.18 metros

CP 3 - 95 Mcs. F.M. frec. Modulada

Con las atenciones del Director de  
 Radioemisoras "La Cruz del Sur"



Radio Bucharest QSL  
 "Hercules Baths"

NOTE: Per a tip via Ralph Perry, NASWA member Sr. Gabriel Ivan Barrera of Casilla 2868 -CC-, 1000 Buenos Aires, Argentina has offered to try to QSL any Buenos Aires stations. Send prepared cards ready for signing and stamping to him with a dollar or two per card. This will help defray traveling costs in the city. Sure sounds like a good deal to me. Thanks Ralph...Sam. We are running a bit late this month but I'd like to point out that we had @124 countries reported this month. Quite well indeed!! Thanks for the correspondence from Ron Howard (nice photo), Bill Krause, Leon Kanopka, Neil Carleton, Ray Niekamp, Bill Plum, Bill Mayer, Kevin Meyer, and John Kapinos.

NEW ADDRESS: Don't forget our new address on the front cover. Now I can get some real serious antenna work completed...Sam. Working on a very special column for next month. Hope it works out well.

73s best QSLing.

*Sam*



# update

July 1983\*\*\*Number 143

Tom Alleman  
615 W. 43rd Terr., Apt. 6  
Kansas City, MO 64111 USA  
(816) 931-5943 7-10 pm Central only

UPCOMING DEADLINES: 11 July (Mid-July) 24 July (August) 10 August (Mid-August)

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Freqs are kHz.

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\*\*\*IMPORTANT ANNOUNCEMENT: Effective 15 July 1983, UPDATE HQ is moving. My new address will be  
636 East 74th Terrace  
Kansas City, MO 64131.

No phone yet, but do not expect it to remain the same. Will let you know. All reports for  
Mid-July to old address, but anything thereafter to the new one, please.

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BOLIVIA R. Padilla, 3480a, in SP 0154-58\*; leaving the air a bit early w/ 2 IDs over mellow organ mx and then suddenly off. Much QRN as usual. (John Moritz, OH 6-1)+++R. Riberalta, 4697a, in SP 0053-0112; presumed. M w/ nx political talk, most likely the latter, mentioning Bolivia Argentina, Cuba, Peru, etc. One break for instrumental tune 0107 and promptly back into talk. Poor, much noise. (Moritz, OH 6-4)+++R. Mamore, 4740, in SP 0120-36; tentative. SP pop tunes and long talks by M. Usual QRN and noise precluding definite ID. (Moritz, OH 6-13)

BRAZIL R. San Carlos, 2420, in PT 0118-0150; tentative. Good signal and fairly clear of noise and QRM w/ PT pop tunes and EG MoR mx. Also some covers of EG tunes, M annr in periodically but no ID. Similar to same prgas heard here in past. (Moritz, OH 6-12)

CLANDESTINE R. Farabundo Marti, 6930, in SP 0113-50; very strong and clear. Interesting pgm of of political talk and wide range of mx. Noticias w/ stories on Central American situation. Mentioned Reagan and El Salvador, also Honduras. Commandante somebody also mentioned. ID by M 0147. (Moritz, OH 6-8)

COSTA RICA R. Impacto, 6150, in SP 0700-12; very strong and obviously 24 hours. Mellow SP vocals by M and W. Crisp IDs by W. (Moritz, OH 6-11)

DOMINICAN REP. R. Earth International, 11700, in EG 0330-55 noted promptly after LV del CID pgm ended and an EG ID for Clarin. Lots of noise and signal somewhat muffled but interesting pgm w/ Espinal doing the nx, report, interview and weather. QTH as R. Earth Int. Curacao Hilton, Curacao, NA. Couple of ads for Dominicana Airlines. Could make it with the right amt of ads, but interesting pgas too. (Moritz, OH 6-4)

ECUADOR R. Cent. del Sur, 4890, in SP 0150-0217; SP pops tunes and many promos for Impacto or R. Impacto. Must be new slogan or something similar. (Moritz, OH 6-12)

PERU R. Madre de Dios, 4950, in SP 0113-53; presumed. M in news to 0130 when into a second pgm anned as "informativos" something. Into short Sousa tune then W on in commentary and continuing till over 0150. Then dramatic vocals by M. Mentions of Peru along the way but no ID noted. Decent at t/in but QRMed by t/out. (Moritz, OH 6-1)

SOUTH AFRICA RSA, 6020, in EG 0215-28, now here w/ EG to NAM and // 5980 and 9615. Probably also // a bunch of others as well. One must make sure one covers the bands effectively!!! (Moritz, OH 6-4)

SURINAM R. Apintie, 5009, presumed the one 0245-0318 w/ Hindustani type mx and nothing else! OC after 0310. Assume the ban has been lifted or they are operating illegally. (Moritz, OH 6-12)

VENEZUELA R. Tachira, 4830, in SP 0904-10; just coming on the air w/ super signal and W in excellent EG w/ ID, freq, location, etc. Then repeated in SP and into SP mx. (Moritz, OH 6-11)

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Jack Jones send a number of Soviet bloc UnIDs so unusual that they deserve a separate listing:  
3345 UnID in presumed RS 0126; strong. Light mx, Midnight in Moscow Chimes ID, followed by W and abruptly off 0135. Not hrd since, tnx Lazarus. (Jack Jones, MS 6-11)  
4765 UnID 0120 in RS and pgm exactly as 3345 on 6-11. Stayed on after 0135, though. Cuba? Slight hum on carrier.

---Fascinating! 4765 is "traditionally" reported as Petrozavodsk, Karelian SSR but it would not be heard this early. The format strongly resembles Mayak prgming, which is intended to meet Soviet domestic needs. Dont think they'd set up two SW relays for Soviet troops in Cuba, certainly not as powerful as these seem to be. Possibly new tropical band xnter for later Central America propaganda b'casts, not necessarily under Moscow flag??? tba

In this issue we conclude John Herkimer's UPDATE on Venezuelan SW activity. Without further ado:

- 6129 R. Valles del Tuy, YVTE 1 kW  
Ocumare del Tuy, Miranda--First noted in US in late August 1982 w/ Rumbos net chimes to highly variable 2300". Still active and heard prior to s/off.
- 6180 R. Turismo, YVSD 1 kW  
Valera, Trujillo--Listed 1055-0400 and well heard as early as 0900 w/ Turismo dando la hora announcements.
- 9620 R. Catatumbo Internacional, YVTV  
Maracaibo, Zulia--First noted late January w/ relay of YVCI 1360 MW. Noted as early as 0900 to 1230. Might be 24 hours like its BCB base stn.
- 9660 R. Rumbos, YVLM 10 kW  
See 4970
- 9753v R. Occidente, YVOS 1 kW  
See 3225

R. Nacional, Caracas began international service in December on 9530 at hour blocks. Has since used 9540, 9555, and 11695, usually heard periodically from 1100-1900" though highly erratic.

ACTIVITY BY STATE: The NASWA Awards program call for 15 verified states to qualify for the Venezuelan DX Award. The following may help, though some states are virtually inactive on SW:

- ANZOATEGUI--LV de El Tigre (3255)
- APURE--LV de Apure (4820 if active)
- ARAGUA--R. Rumbos (4970)
- BOLIVAR--R. Mundial Bolivar (4770), R. Angostura (6120)
- CARABOBO--LV de Carabobo (4770)
- DISTRITO FEDERAL--R. Mundial (5050), R. Reloj Continente (5030), R. Rumbos (9660)
- LARA--R. Barquisimeto (4990), R. Lara (4800), R. Juventud (4900), R. Carora (4907v)
- MERIDA--R. Occidente(3225/9753v), R. Universidad (3395)
- MIRANDA--R. Valles del Tuy (6130)
- MONAGAS--R. Monagas (3225), R. Maturin (5040)
- SUCRE--R. Sucre(4960v)
- TACHIRA--R. Tachira (4830), Ecos del Torbes (4980), R. Frontera (4760)
- TRUJILLO--R. Turismo (6180), R. Valera (4840)
- YARACUY--R. Yaracuy (4840)
- ZULIA--R. Mara (3275), R. Maracaibo (4860)

tnx to John for a job well done.

We conclude this time with a a reoprt from a most unusual DXpedition. Don Moman and the CIDX group chanced upon a site in 7 Mile Flats, Alberta, being developed as--of all things-- a HF radio telescope to monitor 12.360 MHz. The "official" site consists of two dipoles for site testing, but there are a number of cabins and such making an ideal Dxpediton post for up to six. Most important, says Don in his cover letter, is the almost complete freedom to string antennas--there is 3000 feet of available space for a W-SW antenna--and the total lack of local noise. The logs these guys got--well they speak for themselves and in the next issues, we'll let them talk to you.

1692 AUSTRALIA VL2UV, University of New South Wales, 0912, first noted as het.w/ traces of audio, by 0950 a few words copied. Finally by 0957 noted an ID: This is ... VL2UV Sydney, radio station of the University of New South Wales." At 0959: "You are listening to Radio University, VL2UV." TC 1000 followed by lecture discussion prgm. Signal 242 at best level but gone by 1100. (Moman, CIDX) \*\*\*Amazing!!! tba  
PNG report printed next time. tba

More of this next time, but that ought to prick up your ears a bit!!!.

Best 73,

TDR



# LOG REPORT

## section A

2000 to 4899 kHz

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

As they say, "Another month, another column..."

- \*3340 NEW BRITAIN R.West N.B.; 1107 PD natl mx, trumpet fanfare, ID 1113, then EZL voc mx, foll by lcl nx or shipping mx. (I guess shipping mx IS lcl mx when you live on an island!) (Murff 6/8) I guess so—sdk
- \*2410 NEW GUINEA R.Enga; 1145 M/ann w/long PD tlc, ment parliament & prime minister. Could be nx or nx cmty. (Murff 5/22)
- 2428 ADMIRALTY ISLANDS R.Manus; 1101 M/ann w/PD tlc. Nx? Utc on fqy as usual (Murff)
- 2450 NEW GUINEA R.West. Hilauds; 0839 Pop mx, YL/ann, nx in PD, nx in lang.p(Fisher?)
- 3020 VENEZUELA YVTO; 1010 Usual time pipe & ann, //6100. NF? Could be rx (FT#232) malfunction but I don't see any reason to believe so. (Moore-HOND 5/28) You've got me, Don...anyone else noted this here?—sdk
- 3800 SWAZILAND TWR; 0317 Rel px in lang. f(Konen 5/22) 0405 Rel mx by choir in progress, to M/preacher, all in skt GM. f/QRM(Klein 6/2)
- 3805 BRASIL R.Ribeirão Preto; 0005 PT guitars & M vocals, promos by M & W and short ID by dif M. p(Mayer) 0125 Brz pops w/M/DJ. Canned ID w/electronic sound affects 0133. f(Pappas 5/23)
- 3205 NEW GUINEA R.West Sepik; 0954 F/ann w/lang tlc & occ mx. Believe this is rel px from the type of mx hrd. p(Bolland 5/13)
- \*3215 CELEBES RRI Manado; 1002 F/ann w/tlc to 1009 mx, then more tlc by W. p(Bolland)
- 3220 ECUADOR HCJB; 0438 EZL mx, then tlc by M in prob Quachua. f(Mayer 5/19)
- 3222 TOGO Lama-Kara; 0530 Af M vocals to drums, chanting, some FR tlc by M, short mx notes. wk but clear(Mayer 5/24)
- 3225 VENEZUELA R.Occidente; \*1001 S/on w/IDs and tlc by M into LAM flute mx, wk bec rather clear. (Mayer) Hope to see you in DC, Kevin!—sdk
- \*3240 ECUADOR R.Cultural Antena Libre; 1049 SP Romantic ballads, ID on hr, into ads & nx. p(Moore-HOND 5/23)
- 3249.5 HONDURAS R.Luz y Vida; 0055 M w/tlc and ID foll by tune sung by children, then inst mx sel. g(Bolland 5/13)
- 3255 VENEZUELA LV de El Tigré; 0129 ID by M as "LV de El Tigré presente..." into new px w/criollos, ID, TC, etc. f(Mayer) 0335 M/ann reading nx items, Rumbos chimes betw, ID, mora same, TG. f(Klein 5/29) 0352 S/off ann, march mx, NA, 0358\*. f(George 5/7) 0200 ID as "980," LAM mx, 2 OM/ann w/reverb mikes. f/p(Dearoiers)
- 3805 LIBERIA ELBC; 2338 Mx w/out interruption to ad for the movie "Disco Dancer" at the local cinema(Gee, I can hardly wait till it gets here!), then more mx. g(Bolland 5/12) 0540 EG ID, short tlc by M in lang, Af chanting. g/f(QRM(Mayer)
- 3265 CONGO Brazzaville; 2050 Pop mx, FR tlc past 2100. (Kuznecova-AUS FT#232)
- 3275 VENEZUELA R.Mara; 0135 LAM pops, ID by OM in very deep voice, promos by YL, g(Mayer) 0330 M/ann w/long sta promo, into YV harp sel. f/QRM/QRM(Klein 5/29)
- 3280 ECUADOR LV del Napo; 0226 Mx w/ann & short tlc by M, many IDs. p(George 5/3) 1016 Sermon/rel tlc in Ind lang, heavily peppered w/SP phrases.(Moore-HOND 5/28)
- 3285 BELIZE RB; 0307 EG end of the BBC World mx. xlat(Moore-HOND 5/24) 04005 EG mx px w/M/DJ, ID, ad string. (Pappas 5/12)
- 3287T MADAGASCAR Antananarivo; 0303 Mx, tlc by M & W in lang, apparent nx by W. p/QRM What does Malagaey sound like anyway? (George 5/16) Je ne sais pas—sdk
- 3290 PAPUA R.Central; 1128 Pop & island mx, ID/TC in lang. (Fisher FT#232)
- 3295 SOUTHWEST AFRICA Windhoek; 0211 EG pop mx to ID by M 0236, then back to mx. g/random static bursts. (Cobb 5/12) 0414 AK F/ann w/inst mx, 0415 "William Tell Overture." (Pappas 5/12) 0505 Mixed EG/AK mx, Af mx, EG mx, ID. f(Witte 6/2) 0615(Coles 5/7)
- 3300T BURUNDI Bujumbura; 0336 Lang tlc by M, mx. wk/soon lost in mud(George 5/11)
- \*3306 TIMOR RRI Dili; 1127 M/ann w/IN tlc into slo IN voc mx px. (Murff 5/22)
- 3316 ECUADOR R.Pastaza; 0340 HC mx sel, OM/ann w/TC-ID combo, into nother sel of similar mx. vy wk(Klein 5/29)
- 3322.5 BOUGAINVILLE R.No. Solomons; 1053 Lots of lcl mx w/M tlc in PD. f(Konen 5/15)
- 3325 GUATEMALA R.Maya; 1030 NA then SP s/on ann ment Ind langs they use throughtout the day. Anncd //2360 not hrd. vg(Moore-HOND 5/23)
- 3330T PERU Ondas del Huallaga; 1035 Andean mx, OM tlc - too much QRM to really understand it. Slight het, but no CHU audible. p(Moore-HOND 5/23)
- 3830 RWANDA Kigali; 2056 In FR w/closing ann w/full ID 2058. (Watts-AUS DIC 5/83)

- 3335 NEW GUINEA R.Ea. Sepik; 1028 Mx & singing to 1034 tik by F/ann in PD, then into more mx, US pops. p(Bolland 5/14)
- 3360 GUATEMALA LV de Nahuala; 0141 Lots of tik by M in SP w/short mariabas in background, f. level, but UTE on 3359 caused trouble. (Mayer)
- 3366 GHANA Accra-2; 0551 Drums, Af M chanting, f ut no sign of // 3350 Ejura, EG ID 0559. (Mayer) Ejura is on same time, but not // xmen-sdk
- 3375 BRASIL R.Mal São Gabriel; 0958 Brz mx sala, tik, full ID 1001 as above w/QTH, fays; etc. f(Bolland 5/17)
- 3381 ECUADOR R.Iris; 0152 Sio XV vocals to QZL mx, tense-speaking M w/ID/TC (La hora de Ecuador...) into 2 mins nx, more mx. (Mayer) 0358 Mx, SP ID by M. g(George 5/22)
- 3395 ECUADOR R.Zaracay; 0158 SP tik & ID by M into straight LAm guitars to 0215. g(Mayer) 0319 LAm pops, ada, ID, QTH. g(George 5/11)
- 3420 UNID 1025 Something here in Asian lang w/sermon type tik, nothing like ID on the hr. Heavy QRM & Morse QRM(Moore-HOND 5/28)
- 3425 UNID 0950 M & W t/king together, cannot distinguish subject or lang due to poor sig. To 1000\*. (Bolland 5/22)
- 3478T BOLIVIA R.Padilla; 0210 Poor SP sta under heavy QRM w/LAM pops but nothing distinctly Bol, tik by M but too much QRM to copy. (Mayer)
- 3779 IRAN VOIRI; 2052 In Farsi w/BS px, nx 2100 after end of tik by M/ann. f(Whittington-AUS-DXC 5/83)
- 3799 CLANDESTINE V. of the Broad Masses of Eritrea; 1610 Tigre, Eritrean mx; //9927-72.5, 14333-65V; g but jammed. (Wood-SAR)
- \*3905 NEW IRELAND R.New Ireland; 1013 M/ann w/EG rel px, hymns & preaching. 1029 Tik by ann giving info on how to write to preacher. After 1 hr, diff rel px. f(Bolland 5/22) 1059 Inst mx, 4 puffs on couch shell, drum, F/ann w/ID, into NBC nat nx. (Marff 6/8)
- 3925 JAPAN NSB; 1019 M & W in JP w/some sporting event, //9595. f(Bolland 5/14)
- 3930 TRANSKEI Capital R.; 0433 EG pops, M DJ, ada, telephone interview. p(George)
- \*3935 JAVA RRI Semarang; 1128 Enchanting px of YL voc mx. f/g(Moore-HOND 5/28)
- 3945 VANUATU RV; 0803 Mx in PD & EG, FR px 0831. f(Konan 5/15) 0904 F/ann w/FR tik, lite mx. Much wkr on //7260. f/g(Bobb 6/1)
- 3995T BORNEO RRI Pontianak; 1150 Presumed w/OM tik, //3960, 3975 SCI 1200 and into RRI nat nx. p(Moore-HOND 5/28)
- 3995 WEST GERMANY ADG; 0020 GM nx, cmty, ID 0035, class mx, lite opera mx. f(Desrochers) Bob; this is listed as a German site, not Kigali-sdk
- 4380 CHINA PFBS#2; 1030 M & W in CH w/interesting CH folk mx. f(Konan 5/15)
- 4473 UNID 0100 Vy, vy wk sig here w/SP mx & M w/tik. Movima has been rptd here, but too wk to make. vp(Bolland 5/14)
- 4485 ASRSFSR Petropavlovsk-Kamchatsky; 0955 M in BS giving either nx or propaganda [over there it's all the same] w/many ment of Amerikansky. After the hr, joined by a F/ann. f(Bolland 5/9)
- 4500 AUSTRALIA VRG; 1059 Time ticks & ID ann. f(Bolland 5/14)
- 4545 KAZAKHSTAN Alma Ata; 1430 Mx, BS tik. (Kuznetsov-AUS FT#232)
- 4656.5 ECUADOR CRE; 0328 M w/SP ID & tik. f(Bobb 5/12) 0353 Ada, clos ann, ID 0400, NA, 0402\*. f(Lineback 5/16) 0902 LAm guitars, vocals, ID by M. f/g(Mayer)
- 4679.7 ECUADOR R.Mac. Espejo; 0300 SP spts px. (Field 6/2) 0350 SP ID. (Lineback 5/16)
- 4696.5 BOLIVIA R.Ribalta; 2338 SP tik & mx to begin with; two tunes, tik, two more tunes. Plenty of IDs after hr. g(Bolland 5/12) 0145 Mx px w/ID 0209; f/o 0233. (Field 6/2) 0208 EZL mx, many ment Ribalta. f(Mayer) 0410 Vy nice lcl mx sel, M/ann w/ment Ribalta, more mx. Becoming more audible as QRM dies down this PM. f(Klein 5/29)
- \*4719.4 BOLIVIA R.Abaroa; 0220 Huaynos w/usual flutes & guitars; good ID by M, many ment Bolivia, stronger than Ribalta. (Mayer 5/31) 0230 Nica lcl mx sel, OM/ann w/TC, ment Ribalta, more mx. f(Klein 5/30)
- 4740T BOLIVIA R.Mamore; 0230 Wk SP sta w/huaynos, poss Mamore by YL but could have been anything! Then proceeded to fade into mud. (Mayer 5/31) 0345 Nondescript ballad, OM w/tik, ment Bolivia, no ID, more mx. f(UTE QRM(Klein 5/29))
- 4761 UNID 0138 Most strange...live sounds of a party, with young people talking and laughing, rock mx in bckgd. What you'd expect from a "Mr. Microphone", not SW. Never heard anything like an ann or px. Later, ment of Regency Hotel. That might be a movie sound track, but doesn't fit. No ann, so prob not bootlegger. f/o 0204. (Cunningham 5/4) I disagree...this is just the kind of stunt that I'd expect from a KPR (Kid Playing Radio)!-sdk
- 4750 CAMEROON Bertoua; 0445 Af tribal mx, M/ann in FR betw, ment Yaounds, more mx, to EG nx 0500, back into FR. f/g(Klein 6/8)
- 4755T BOLIVIA R.Emisoras-Bolivia; 0228 Sta w/quiet ballade featuring subtle use of Andean flutes. Very low level & diff to separate from Maranhão 4756. (Pappas 5/16)
- 4756 BRASIL Rdfa. Maranhão; 0750 Poss just after s/on as 5 solid mins w/IDs, ments, etc. Strong w/usual guitar mx, reverbs, etc. (Mayer)
- 4760T SWAZILAND TWR; 0415 M/ann w/lang tik, rel mx. Sked says is GM, but too much QRM to copy for sure. p(Klein 5/29)

- 4760 VENEZUELA R.Frontera; 1015 M DJ w/LAM pops, freq ads & IDs. (Murff 6/8) 0100T 2 M tkl in SP, but not able to get ID. (Field 6/2)
- 4761.4T PERU R.Tingo Maria; 0500 Pw mx px, OM/ann, martial band mx 0535, scattered IDs, all under lcl buss, but positively Peru. f(Witte 5/17)
- \*4762.6 PERU R.Inca del Peru; 0342 Husyno & nondescript LAM mx, some campesino-style vocals, 0400-0500 seems like dedication px w/mensajes, etc, many IDs. g(Sheedy 5/15) 1050 OM/DJ w/OA mx px, freq IDs, QRN off UTE. (Murff 6/2) † FT#232)
- 4763 MONGOLIA Ulan Bator; Noted here //4850, 4995, poss in Mong. (Kuznacovs-AUST)
- 4765 BRASIL R.Nal. Cruzeiro do Sul; 1001 S/on theme song foll by ull ID & fqys, tkl by M follows. f(Bolland 5/9)
- 4765T CUBA Mayak; 0044 Powerhouse level pushing 30/91 RS ballads & opera. Mayak IS thrice at 0059. 6 Pips, RS TC by M, into RS mx. Seems too strong to be anything but a Cuban relay. Sure hope they don't stay here!(Gold & Reinstein 6/14) Amen!—edk
- 4770 NIGERIA Kaduna; 2325 F/ann w/EG mx to diff ann w/mx px. g(Bolland 5/12) 0445 EG US soul mx, ID. f(Lineback 6/1) 0512 EG for the region. f(Coles 5/15)
- 4770 VENEZUELA R.Bolivar; 0138 ID & tkl by M, TC, M vocals, bad QRN on bad nite overall. (Mayer 5/19) 0200 Upbeat LAM mx, sev1 ID, much static. f(Desrosiers 5/8)
- 4775T INDONESIA RRI Unid; 1130 F/DJ w/EZL vocals & IN tkl, freq ment Gorontalo. SCI 1258, then into Jak mx relay. (Murff 6/8) This has been reported recently in Australia as being RRI Jakarta, Programa Khusus—edk
- 4777 GABON Libreville; 2317 FR tkl, prob polit, continue to 2325. f(Bolland 5/12)
- 4780 VENEZUELA LV de Carabobo; 0230 Fast criollos, lost of tkl by M including canned ID w/chorus sev1 times. vg(Mayer)
- 4781 HONDURAS R.Juticalpa; 1016 Mainly SP tkl w/occ bits of mx, TC. (Bolland)
- 4782.9 MALI Bamako; 2311 FR tkl by M to dead air, then ann w/more tkl. f, noted //5995 but that was worse. (Bolland 5/12)
- 4785 BRASIL R.Ribamar; 0902 PT tkl & ads by M/ann, foll by mx, tkl afterwards, pattern repeats. p(Bolland 5/14)
- 4785 COLOMBIA Ecos dal Combeima; 0235 Mx & ID. (Field 6/2) 0355 Long ballads (2) by M(prob same record), ann by OM, ID, Super plug on hr, more mx. g(Klein 5/29)
- 4790 PERU R.Atlantida; 0115 Full ID foll by march mx, polit & other mx. f(Bolland 5/14) 0130 2 M w/tml, mx, vg(Field 6/2) 0403 Echo-effect ID & ann, TC by M, then LAM pops. f(Konen 5/10) 0420 LAM vocals, annts. g(Lineback 6/1) \*0910 S/on w/NA, long, descriptive ID by M, LAM pops. g(Mayer)
- \*4792 ECUADOR Sistema de Emisora Atalaya; 0351 Tlk, LAM mx, 0358 HC NA, but kept right on going past 0400, little rel tkl, then long tkl by ann. Gave ID as "Sistema de Emisora Atalaya...comunicacion...la musica...". Tux tip from Jack Jones. f(Lazarus 6/16) Very nice catch, Henry!!—edk
- 4795 ECUADOR LV de los Cayas; 0025 Tlk & ID by YL w/reverb mike to EZL SP mx. f level but heavy UTE QRN(Mayer)
- 4800 ECUADOR R.Popular; 0353 LAM pops, ID, f after YV s/off. (George 5/12) 0710 Vy vy nice HC Andes mx sels, nice to listen to, OM/ann w/TC/ID, etc. g(Klein 5/29) 0935 Tlk & subdued LAM mx, TC, to 0949 coverup by Lara OC. p(Bolland 5/11)
- 4800 VENEZUELA R.Lara; 0030 ID/TC by M, EZL mx. (Mayer 5/31) 0100 SP vers of US pops, EG mx sel, TCs, ID, etc. f/QRN(Desrosiers 5/4) 0120 LAM mx, ID. (Dickson 5/20) 0250 LAM mx, ID, tkl, etc. f(Jordan 5/19) \*0957 NA, s/on ann, ID, fqy, rooster crow, LAM mx. vg(Hansley 6/9)
- 4810 GABON Af.#1; 0500 FR mx, cuty, mx, tkl, IDs by F/ann. (O'Brien 5/16) 0500 FR mx. g(Lineback 6/1) 0520 FR mx & pops. g(Coles 5/15)
- \*4810 GALAPAGOS LV de Galapagos; 0202 Mx, M/ann, s/off ann, HC NA, 0221\*. f despite usual QRN. (George 5/13)
- 4815 BRASIL R.Nal. Tabatinga; 0305 Ballads, M/DJ, sev1 IDs. f(George 5/9) 1020 PT canned ID, tkl by 2 M. p(Bolland 5/7)
- 4815 COLOMBIA Unid; 0035 Tuned in just in time to catch s/off ann, Todelar nat ID, BJRB call or some such. Good level. (Mayer 5/31) Kevin, my pennant from Guatapurí shows them to be part of Todelar...methinks this was them—edk
- 4820T ANGOLA Luanda; 2350 EG/PT pops, hi-life mx, tkl, mixing w/presumed HRVC. Inst NA 0059 to 0100\*. //7245, 9535, all poor(Alexander 5/22)
- 4820 ECUADOR R.Paz y Bien; 0919 Alternating tkl by M & YL in SP, husyno mx px, p level but improving slightly, ID 932. (Mayer)
- 4820 HONDURAS HRVC; 0216 M w/SP tkl, Wagnerian orch mx, ID. f/g(Bobb 5/17) 0400 EG rel px. xlut(Lineback 5/16)
- 4825 AsRFSR Vladivostock; 1300 RM IS, S/on in CH, M & W w/presumed mx. (Murff 6/8)
- 4825 BRASIL R.Educ. Bragança; 0830 OM/ann w/full ID - fqy, QTH, calls, etc. - to FT EZL mx sels. f/QRN, but UTE off. (Klein 6/5)
- 4825 GUATEMALA R.Mam; 0130 Mariaba & ocal mx, tkl by M, mx by badly out-of-tune orchestra, ID. (Dickson 5/20) 0136 SP tkl by M, mariaba mx, IDs. Strong sig but bad QRN. (George 5/10)
- 4825.1 PERU LV de la Selva; 0230 SP vocals, ments of Peru, NA at 0300\*. p(Lineback 5/1) 1018 M & W/ann w/tml, OA mx, tkl on economy. (Murff 5/23) 1020 M w/tml using reverb mike, mx, ads. p(Bolland 5/9)

**VENEZUELA** R.Tachira; 0928 Fast LAM pops, ID by M, TC. g(Mayer 5/24) 1045 SP ann playing LAM love songs & ballads. f(Konen 5/15)

**COSTA RICA** R.Raloj; 0710 Strong under heavy QRM, SP pops, ID, usual format. (Mayer) 0846 LAM M/voc to OM w/ID, mx, etc. g(Hensley 6/6)

**GUATEMALA** R.Tezulutlan; 0405 Just caught s/off ann by OM & full choral NA as tuning by. f/g(Klein 5/29) 0907 OM w/SP t/k, many IDs, LAM mx, etc. //3370, the this one much better. (Hensley 6/6)

**SOUTH AFRICA** SABC; 0455 EG home svce px. f(Coles 5/8)

**MALAYSIA** RTVM Kuala Lumpur; 1130 Lang t/k mx px. p(Lineback 5/22)

**MALIBITANIA** Nouakchott; 2332 M chanting to inst mx, f/g thru lite hct, t/k by M 2343 in AR. (Mayer)

**BOTSWANA** Gaborone; \*0353 Cowbell & animal IS, choral NA, M & W w/s/on ann, W w/mx px, all in presumed Setswana. f(Konen 5/22)

**CAMEROON** Yaounde; 2247 Election results (actual votes cast, registered voters, abstentions, pct.voting) in FR, EG nx 2300, mx - special election bcst? (Kremer 5/29) 2316 FR M singing, //9745. f(Konen) 2330 Af hilife mx, t/k by F, more mx. f(Bolland 5/19) 2345 M FR t/k, ID, FR & Af pops. f(Mayer) 0115 OM & YL w/FR & some EG, lcl nx, ID. f/g(Desrosiers 5/19)

**SURINAM** SRS; 0943 Hera w/C & W mx, DT t/k, ads, one for GE!, more t/k. Believe hrd went of Pan-Am games. g(Bolland 5/3)

**ECUADOR** R.Luz y Vida; 0242 Mix of slo & fast LAM pops, ID every 15 min or so by YL. g/lite hct(Mayer) 0342 LAM pops, infreq ann, short t/k by W, one ID by M 0405. f/QRM(George 5/9) 0720 Nice ballad by M/voc w/guitar, F/ann w/ID, TC, another ballad. g(Klein 5/29)

**PERU** R.Pampas; 1115 Huaynos & OM w/annms, UTE QRM made understanding impossible. (Moore-HOND 5/28)

**UNID** 1004 Vy wk sig w/SP M t/k, to mx. vp(Bolland 5/19) Maybe the above?—adk

**COLOMBIA** LV del Cinaruco; 0934 YL w/LAM pops, Caracol ID, ID by M. f/g(Mayer)

**ECUADOR** R.Rio Amazonas; 0029 Mx by T.J. Brass to 1/2 hr, then nx. After nx, soft mx was noted. f(Bolland 5/22) 0248 LAM pops & folk mx, ID/TC by YL, g/clear. (Mayer) 0312 Mx, M/ann, NA 0339, 0342\*. p/E/CW QRM(George 5/3)

**COLOMBIA** R.Super; 0856 ID by OM, LAM ocals, t/k, mx. p(Hensley 6/6)

**WEST IRLAN** RRI Sorong; 1202 RRI nx by M, //4899.4. f(Lineback 5/22)

**SOUTH AFRICA** SABC; AK home service px. f(Coles 5/8)

**COLOMBIA** Ondas del Meta; 0715 LAM pops, guitars, strong under the QRM (Ah, springtime!), t/k by M, ID 0730. (Mayer) 0937 TC, M w/t/k, ads, 0945 slogan like R. Dores del Llano, t/k, mx. f(Bolland 5/20)

**ECUADOR** R.Cantimela del Sur; 0050 Discussion betw 2 M on EC politics, ID 0059 by diff M, lite UTE. (Mayer) 0346 LAM mx, M w/TC after each sel, ID 0359 over s/off tune. Choral NA & off before end. QRM(Valko 5/9)

**PAPUA** NBC; 1015 M w/varied pop mx px in EG, TCs, ID, etc. f/QRM(Bobb 5/16) 1105 M w/EG nx to 1109, noted that next nx is 0605 following morning, mx. f(Bolland)

**SENEGAL** Dakar; 1900 Vernac mx, FR ann. f/clear channel but slight CW QRM on lower side. (Darling-ENG) 2335 Choral chanting in lang by group, no inst acc, OM in FR over. vg(Klein 5/30) 2337 2 M w/t/k, mx, chants & drums, FR 2356. f(Bolland 5/9) 0030 Wailing & chanting mx, M w/FR t/k. (Weinhold 5/14) 0730 Drum & inst mx, M w/lang t/k 0745, FR nx, t/k by M, f/out. (Mayer)

**BRASIL** R.Bare; 0930 T/k by M, second M joins in to mx. f(Bolland 5/5)

**JAVA** RRI Surakarta; 1130 Mx that vaguely sounded like Christian hymns. 1200 IS, time pips, then SCI, nx by M. f(Lineback 5/22)

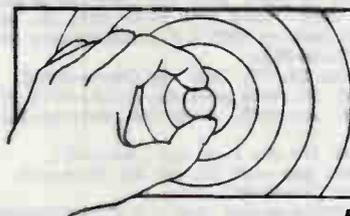
\* oddball abbreviations: AUS = Australia; HOND = Honduras; SAR = Saudi Arabia; DXC = Calling, the bulletin of DX Australia; FT = Fine Tuning, a DX newsheet published by Dan Ferguson.

we come to the close of another column, the last of the spring of '83. As I sit this into the computer, summer has arrived...meaning that the noise of summer has arrived. It is evident in the loggings above that QRM is on the rise. One may hope it does not get much worse! Nonetheless, there is still good DX to be had, if you cling to go after it.

forward to meeting those of you who will be attending AMARCon in Virginia a few hence...it promises to be an interesting convention!

links as always to those who faithfully contribute month after month, and welcome to newcomers to the column..keep it up!

...and back next month, *Sta*



# LOG REPORT

## section B

4900 to 6199 kHz

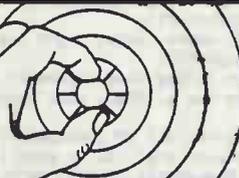
Editor: Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173

A new Costa Rican this month: R. Impacto, 6150 kHz. . .

- 4900 VENEZUELA R. Juventud, pops at 0020 on 5-14 (Weinhold); ditto 0241 5-15 (Lineback-TX).
- 4905 BRAZIL R. Araguaia, tentative, mx and talk at 0913 on 5-11; extremely weak, and talking barely audible (Bolland-FL).
- 4910 ECUADOR Ems. Gran Colombia, on 6-2, 0240-0330 with sports, "Cadena Gran Colombia" ID at 0300. Frequent reference to Barcelona, and // to CRE on 4650 (Field-MI).
- 4910 ZAMBIA Lusaka, local African mx 0415, am amcr, military band mx; poor signal, in vernacular (Konen-WT).
- 4915 BRAZIL R. Anhangera is being well hrd. 2253 on 5-12, fair sig, mx, full ID 2259, Beatles mx to 2300; 0045 5-22, full ID 0102; also 0920 5-11, 0940 5-5 (Bolland-FL); strong with pop mx at 0015 5-14 (Weinhold); local upbeat mx 0040 5-10, address given 0053, ARO QRM (Desrosiers-MA).
- 4915 COLOMBIA Armonias del Caqueta, mx 0105 5-22, ID 0115, "Silent Nite," TCs (Jordan).
- 4915 GHANA Accra, native mx to 0600 5-15, drums ID, TC, mx, but increased QRM (Cobb-ME).
- 4920 AUSTRALIA ABC-Brisbane, C&W mx 1040 5-28, blocked by R. Quito at 1046 (Bolland-FL); classical mx 1156 5-15, ID, fair (Lineback-TX); piano concert 1220 5-12, poor(Manning).
- 4920 ECUADOR R. Quito, ads and ID at 0234 on 5-15, good sig (Lineback-TX); political talk 1058 5-5, ID, then mx; fair sig (Bolland-FL).
- 4922 PERU Ondas del Titicaca, fair-poor with medley of Beatles and 50's pops at 0143 on 6-2, clear echo ID at 0207 as "En la Republica Peruana, Ondas del Titicaca" (Howard-CA); tentatively them at 0023 5-14, fair at best in USB to avoid Quito; no concrete ID hrd, but mentions of Peru, Andina, QFT-5 TCs; tnx to Wilkner for call (Reinstein-FL).
- 4935 PERU R. Tropical, a few ballads 0210 5-28, but mainly long talks on local events; fair, but lots of ute QRM (Moore-HONDURAS); mx prgs 6-2, ID at 0246 (Field-MI); ID 1027 on 5-7, mx and ads, good signal (Bolland-FL).
- 4940 IVORY COAST Abidjan, talking 2138 5-12, then jazz, talking, more jazz, etc; fair(Bol-
- 4945 COLOMBIA Caracol Neiva, sports event at 0236 on 5-15, fair signal(Lineback). land-FL).
- 4945 UNID. 0953-1030 5-6, poor sig, SP mx followed by comment. Nx on the hour until 1004, then mx. Under Olosoal so can't tell wuch, but mx definitely sounds Bolivian so could well be Illimani, but no ID hrd (Bolland-FL).
- 4950 SARAWAK Kuching, 1034 5-7, can barely hear sig but a M&W were giving info; mx 1041; poor (Bolland-FL); heavily accented YL in EG 1128, mentions of Kuala Lumpur, six time pipe on the half hour; mx by am; quite readable lately, best 6-3 (Moore-HOND); tent. then at 1030 on 6-1, mx, gal amcr, no ID but sounds like past Sarawak logs (Field-MI).
- 4951 PERU R. Madre de Dios, nearly non-stop ballads 0146 5-9, amts, but such ute QRM; vy rough at tune in, just about gone by 0201; continues to elude me, make it tentative (Cunningham); OA and some pop mx 0216 6-6, 0225 s/off amts, NA, 0229\*; semi-regular. these days (Howard-CA).
- 4955 BRAZIL Unid. at 0015-0105 5-23, South American pops, a little talking but mainly just mx. Full ID 0100 but poor sig and too much QRM to copy (Bolland-FL).
- 4955 PERU Tentatively R. Cultural Amanta from 1040 tune in to 1120 fade out. Lots of long talks, some religious; orch.mx, instrumentals and vocals; fair-poor, and needs more work, but pretty sure I hrd a couple of "en Amanta". On 5-31, 6-1, 6-3 (Moore-HOND).
- 4960 ECUADOR R. Federacion, ballads 0125 5-28, amst abt station's literacy prgs, ID as "Federacion Radio" (Moore-HOND); EZ lstrng mx at 0245 5-22, also hrd with s/off amts at 0511\*, poor sig (Konen-WI); Indian mx 1045 5-7, ID 1046, good sig (Bolland-FL).
- 4975 COLOMBIA Ondas del Ortegausa, ranchera mx at 1055 on 5-31, ID and TC on the hour, fair-good but with co-channel QRM from China (Moore-HOND).
- 4977 ECUADOR Rdif. Tarqui, mx 1112 5-7, TCs, full ID with fqys at 1115, mx, fair sig; mx at 1118 5-14, fair (Bolland-FL).
- 4980 SWAZILAND R. Truro (SCR), from \*0255 with subcontinental mx prgs, local TCs, many IDs. Durban address given; SCR has dropped 6155 for this time slot. All EG, and hrd till arnd 0500 in early June (Howard-CA).
- 4980 VENEZUELA Ecos del Torbes, LA mx at 0000 on 5-14 (Weinhold); soul rock mx at 0217 on 5-15, fair sig (Lineback-TX); US pops at 0255 5-7, mx 0301, vy strong, good audio, no CID; 5-6, ID 0303, LA mx (no reverber for a change), rhumbas, very good (Desrosiers-MA); La Voz del CID prgm, ID 0100 5-25, agn 0130, mentioning other prgs/stns, fqys, taped prgs; and positive IDs 0115 5-5, nothing on 5105, couldn't tell on 7350 as too much QRM, all talk, poor modulation (Desrosiers-MA).
- 4990 SOUTH AFRICA R. RSA, EG mx 0400-0410 5-31, fair; ID, into EG pops (Lineback-TX).

- 4990 VENEZUELA R. Barquinieto, LA ex 0005 5-14 (Weinhold); light ex, ID, 0200-0217 5-15 (Lineback-TX); 0330 on 5-6, nice, slow IDs, smts, EG pops, good sig (Desrosiers-MA).
- 4992 BRAZIL R. Brazil Central moving arnd from usual 4985. Good 2350 5-30, full ID, among 4985 (JB); ID 0153, fgs, hvy splash from XV, but back on 4985 6-1 (Cunningham); tent. this one at 0035 5-28, 0930 on 5-27 and 5-28 (Bolland-FL).
- 4995 ECUADOR R. Baha'i, instr. ex 0245 5-24, MAW smcrrs, ID, TC, fair sig (Moore-HOND).
- 4996 PERU R. Andina, nice OA ex 0905 5-31, CW with TC, ID, very good sig (Klein-NJ); 0949: on 5-3, fair, poor at 1048 on 5-28, ex, fast talk, ads. 1045, heavy QRN (Bolland-FL); smts by gal 1055 on 6-2, poor sig (Lineback-TX).
- 5010 CAMEROON Garaya, FR ex by van at 0402 5-22, local Afr ex, fair sig (Konen-WI).
- 5015 USSR Vladivostok, doleful vocal ex 1122 6-1, orch, man with ID, all RS (Bobb-HW).
- 5015 UNID. at 0100 on 6-4, bad repr, seemed to be SP ex (Field-MI).
- 5017 BRAZIL Unid. here 6-2 from 0115, ex, poor and getting worse; also 6-3 0330 (Field-MI).
- 5020 ALBANIA Gjirokaster, \*0300 with NA and talk, //5057, on 5-22 (Alexander-PA).
- 5020 SOLOMON IS. Honiara, US pops 0829 5-15, EG ex (Konen-WI); Bible prgm 1030 (Field-MI).
- 5025 IRAN Parakou, flute ex 0500, ID, ex 0510 6-2 (Jordan); \*0355 5-8, drums, NA, ID, west Afr ex (Pappas-PA); hi-life 0410 5-31 (Lineback-TX); Afr ex 0440 5-17, fair (Witte-CA).
- 5027 BRAZIL R. Jornal Transamazonica, poor 0923 5-21, fading fast (Bolland-FL).
- 5030 PERU R. Los Andes, ID 0902 5-29, OA ex, very good (Klein-NJ); Andean guitar ex 0908 5-20, yipping, "Buenos Dias Peru" (Alexander-PA); TC and ID 0941, over ex, fair 5-13 (Bolland-FL); good with ID 1000 5-19 (Lineback-TX); often arnd 1030, nice ex (Field-MI).
- 5040 CHINA Tent. Fujian PBS, MAW in CH talk 1045 5-19, poor, QRN and fading (Bobb-HW).
- 5040 COLOMBIA R. Cincio, 0138 5-21, soft ex, talking, fair sig (Bolland-FL); LA vocals at 0315 5-10, many "Cincio!" IDs (Konen-WI).
- 5040 PERU R. Libertad, ex to ID and 0455\* 5-21; also 5-23 from 0245, no sign of Maturin or Cincio, but latter back on 5-24 (Field-MI); tent. then on 5-19, weak in thunderstorm QRN 0555-0601\*, OA ex, yipping, but no ID hrd; off abruptly (Alexander-PA).
- 5045 BRAZIL R. Clube do Para, 0210 on 5-16, ballads, full canned ID 0212, fair (Pappas-PA).
- 5047 TOGO Lome, FR 0537 5-23, pops, EZ lstrng ex, undermodulated, poor overall (Konen-WI).
- 5050 ECUADOR R. Jesus del Gran Poder, religious prgm 1040-1050 6-2, exo sig (Lineback-TX).
- 5050 TANZANIA Dar es Salaam, man in Swahili at 0307 5-22, local ex, poor sig (Konen-WI); tent. then from 0325 on 6-3, ex, no ID (Field-MI).
- 5050 VENEZUELA R. Mundial, Rumbos ex at 0044-0050 5-24, strong sig (Moore-HOND).
- 5055 COSTA RICA MIPC, \*1050 6-2, NA, opening smts, ID, ex, all SP, fair (Lineback-TX).
- 5055 FRENCH GUIANA Cayenne, NA at \*0900, man with talk and ex, listened to 0910, poor in hvy QRN on 5-19 (Bobb-HW); 0942 5-13, 2 men and gal, prob. ex, no ID hrd (Bolland-FL).
- 5062 UNID. from 0340 6-2 to fade out a little past 0400; weak, ex, couldn't tell more (Field-MI).
- 5077 BOLIVIA R. Ichilo, 0006-0036 5-14, very weak in ute QRN, monologue to 0028, (Field-MI). then simple "R. Ichilo" ID, canned ID with reverb; exc CP/OA night (Reinstein-FL).
- 5095 COLOMBIA R. Sutatsena, 0143 5-5, hvy het, RTTY, talk, ex (Desrosiers-MA).
- 5106 CLANDESTINE La Vos del CID, 0146 5-8, talk, chimes, ID, political talk, another fall ID 0154 (D'Angelo-PA); ex, long s/off smt, good to 0356\* on 5-18 (George-NC).
- 5195 W. GERMANY DW on LSB, EG 0100 5-10 (Desrosiers-MA); EG 0120 5-20 (Hodgson-NC).
- 5320 CHINA Beijing, good with CH morning exercises at 2120 5-7 (Wood-SAR).
- 5345 UNID. \* 5 kHz, ranchera ex 0110-0130 5-24, muznos, romantic ballads, too poor to get much from smts. 5-24 only, and alot of ute problems arnd this frq (Moore-HOND).
- 5450 W. IRIAN RRI-Biak, YH vocal ex 1155 6-1, "Love Ambon," ex; poor, so presumed (Moore-HOND).
- 5581 UNID. 2333-0003 on 5-19, -20, -23, definitely LA, and suspect San Jose de Rond). Chiquitos, Bolivia. Threshold sig, mostly in the sud. OM amncr, ballads, pops (Rein-PA); 0130-0153 EG, 5-17, "Rpt frn Austria," ex, medicine, sports (Kremer-DE).
- 5590 GUAYANA Georgetown, man with TC 0754 5-31, ID, "Early Bird" prgm, fair in QRN (Bobb-HW); religious smts 0905, slight het, fair 5-15 (Konen-WI).
- 5950 NICARAGUA La Vos de Nicaragua, EG hrd 0100-0130, ex, "This is Nicaragua" prgm, lstrng letters, into SP at 0200 (Martin, Dickson, Manning); in SP 0156 5-28, LA vocals, ID, talk 0201, exo sig (Hensley); 0434 in EG, amncr Patty and Barney, "History In The Making" prgm, 5-7 (Kremer-SC); end of EG 0442 5-8, SP TC, full EG ID, prgm on woman in revolutionary Nicaragua (Pappas-PA).
- 5954 COSTA RICA R. Casino, 1040 5-16, ex, TC, ID, ads, blocked by tone 1050 (George-NC).
- 5955 PERU R. Huancayo, 1045 6-1, ex, smts, TCs, ID 1052, hvy het, TIQ QRN (Moore-HOND).
- 5960 CANADA RCI, EG ex 0000 5-1, mailbag (David); 0000 5-6, ex, political cntry, exc, fair on //9755 (Praeger-MA); 0000 5-8, ex, vx, sports, mailbag, into FR at 0030 (Desrosiers-MA).
- 5965 BRAZIL R. Gaiba, non-stop accordion ex 0915-0953 5-15, fair sig (Konen-WI); 0943 5-14, mostly talk, a little ex here and there, fair sig (Bolland-FL).
- 5965 NIGERIA Jos, pop ex 0514 6-2, ads, more than US TV! Fair sig (Witte-CA).
- 5970 ROMANIA Bucharest, SP 0349 5-3, ex bridges, very good sig, to 0358 (George-NC).
- 5974 COLOMBIA R. Macarena, 0942 5-17, SA ex, ads 0947, ID, ex, fair sig (Bolland-FL).
- 5975 ENGLAND BBC, 0340-0415 5-30, vocals, Newsdesk, etc. (Bonnet-IN).
- 5980 SIBERIA LEONE Preetown, EG DJ with disco and soul ex, poor 2302 on 5-14 (Konen-WI).
- 5980 SOUTH AFRICA R. RSA, poor 0205 5-15 (Coles-TX); poor 0250 5-10, talk, ex (George-NC).
- 5985 USA Voice of Free China over WYFR, EG 0300 5-28 (Blanchette-FL).
- 6000 BRAZIL R. Inconfidencia, various exes to 0300\*, ex, some in EG (Field-MI); man DJ at 0835 5-29, talk, ID, SP ex so don't be fooled; very good-exc (Klein-NJ).

- 6005 CANADA CFCX-Montreal, 0345 5-6, sports, call-in, "R. 60" ID (Desrosiers-MA); pops 0680 5-8 (George-NC); mx, fair thru static, 2130 5-14 (Mayer-PA).
- 6005 W. BERLIN Tent. RIAS, 0330-0355 5-10, talking with amts, talk, light instrumental mx with talk in between. Covered by HBC IS 0355 (George-NC).
- 6010 PERU R. America, poor with LA mx 1020 on 5-15, but fading fast (Konen-WI).
- 6010 VENEZUELA R. Los Andes, 1027 5-11, ID as Los Andes and R. 1040, ads, promos, mx, etc, fair sig (Jones-MS).
- 6010 UNID. Mx, TC, seeming ID, ads, fading, 1053-1058 5-16, all SF (George-NC).
- 6015 BRAZIL R.C.I.Pernambuco, 0840 5-29, ballads, accordion, ads, ID, vy good (Klein-NJ).
- 6020 BRAZIL R. Universo, poor 0046 5-29, live speech (Rigas-IL); ID 0659 5-19, //9545 (Alexander-PA); religious sermon 0845 5-29, their format but no ID, so tent. (Klein-NJ).
- 6020 SOUTH AFRICA R. RSA, from 0200 with IS, ID, mx, cntry, Afr mx, generally a good sig (Mayer-PA, Coles-TX, Bobb-MN, Worob-TX, George-NC).
- 6025 BOLIVIA R. Illimani, 0015-0036 5-21, talk, ads, live concert, ID 0035 (Yalko).
- 6025 NIGERIA Enugu, relig. talk, mx, 0435 5-25, TCs, faded under QRM (Witte-CA).
- 6030 CANADA CFCM-Calgary, Top 40 format, high QRM, poor at 0804 on 5-29 (Konen-WI).
- 6030 USA AFRTS, EG 1035 5-30, sports mx, Indy 500 results (Hosmer).
- 6035 AUSTRALIA RA-Carnarvon, EG "Spectrum" DX prgm 1612 5-1, good sig (Wood-S.AR).
- 6035 BRAZIL R. Globo, 0919 5-22, ads, jingles, ID, phone-in, a little mx (George-NC).
- 6040 ANTIGUA DW relay, ID 0100 5-4, mx, press rrv, "Germany Today", fair (Stanley-AZ).
- 6045 AUSTRALIA RA, pops with gal DJ, weak but clear at 1033-1048 5-5 (George-NC).
- 6050 NIGERIA Ibadan, EG 0600 5-22, talking drums, mx, weak co-oh, HBC QRM (Alexander-PA).
- 6055 CZECHOSLOVAKIA Prague, EG IX/ltrs prgm 2154 5-11, Italian 2200, fair (Bolland-FL).
- 6060 JAPAN NSE, 1045 5-30 ID as "Supervave, R. Tampa" (Bobb-MN); sports 1145 5-15 (Bolland-FL).
- 6060 PORTUGAL Lisbon, mx, ID, mailbag, all EG, 0300 on 5-27 (Martin).
- 6060 ZAMBIA Lusaka, EG mx 1600 5-12, ID as "Zambia Broadcasting Svc.", fair (Wood-S.AR).
- 6065 COLOMBIA R. Super de Bogota, man with LA mx, ID, 0840-0900 5-19 (Bobb-MN).
- 6070 CANADA CFCX-Toronto, pops, ads, 0452 5-6 (George-NC); mx, vx, etc. 1050 (Kramer-DE).
- 6075 UZBEK SSR Tashkent, Uzbek 1530 5-12, Farai 1600, //5950, good sig (Wood-S.AR).
- 6075 W. GERMANY DW, German at 0145 5-21; old time mx, IS 0200 (Dickson).
- 6080 CHILE R. Patagonia Chilena, good 6-2 with EG ID 1057, SP ID 1049, R. Nacional mx at 1102 (Reinstein-FL); ID, fgs, TC right at 1043 sig peak on 5-11 (Jones-MS).
- 6085 COLOMBIA Ondas del Darien, 1003 5-27 with s/on ID, Na, DJ Carlos (Bolland-FL); 1005 also 5-27, Na, ID, pops with short talks by man, fair sig (George-NC).
- 6085 W. GERMANY DW EG, 0100-0150, IS, ID, mx, features, to 0150 close (Stanley-AZ, Mayer-PA).
- 6087 TAIWAN CBS, 1005-1031 5-31, weak but clear with CH mx, talk 1020-1030 (Reinstein-FL).
- 6090 LUXEMBOURG R. Lux, 0121 5-10, rock mx, ID, greetings to ltrs (Kramer-DE).
- 6095 ECUADOR HCJB, EG 0555-0610 5-30, IDs, TCs, relig. mx, "Musical Mailbag," gd (Bobb-MN).
- 6100 W. GERMANY DW, IS 2128 5-18, German mx 2130, good sig (Hodgeon-NC).
- 6100 YUGOSLAVIA Belgrade, RS mx at 1800 5-8, //7240, ex-1900 due to DST (Wood-S.AR).
- 6105 BOLIVIA R. Panamericana, 2357 5-21, ID 0003, good with QRM (Yalko).
- 6105 MEXICO Su Pantera, oldies to 0459\* 5-7 (George-NC); 5-22 to 0500\*, fair (Konen-WI).
- 6110 HUNGARY Budapest, uncertain of the language, 2130-2145 5-18, gal amcr, fair (Hodgeon-NC).
- 6115 COLOMBIA La Voz del Llano, 0735-0800 5-28, IDs, mx (Bobb-MN).
- 6120 CANADA BCC over CBC, good with mx 2300 5-30 (Bonnet-IN); Afr, world mx 0200 (Dickson).
- 6120 NICARAGUA R. Zinica, often good arnd 0430, mx (George-NC); ID 1138 6-1, mx (Moore-HOND).
- 6130 CANADA CHXN-Halifax, mx 1200, vx, pops (Desrosiers-MA); 2130 5-18, amts, mx (Hodgeon-NC).
- 6130 CYPRUS CBC, IS 2213 5-22, s/on amnt in Greek, ID, QRM (Wack-VA).
- 6130 USA VOA with "Music USA" 0035-0100 5-30 (Bonnet-IN).
- 6135 SWITZERLAND SRI, EG at 0145 5-4, ID, TC, mx, features, fair sig (Stanley-AZ).
- 6140 W. GERMANY DW, 1600-1630, German to Eur, full carrier but USB only, 5-1, -2, -4. Changes to full AM 1730. Experimental? Not in DW schedule (Darling-UK).
- 6145 NIGERIA Calabar, IS 0430 5-25, choir, ID, prayers, TCs, mx; DW QRM; fair (Witte-CA).
- 6150 CHILE R. Nacional, fair with sports events, IDs 0009 on 5-13 (George-NC); several IDs 1059, mx background, into nx 1100; R. Impacto not on 6-1 (Jones-MS).
- 6150 COSTA RICA New one is R. Impacto, Box 497, San Pedro, San Jose. 2248-0200 5-27/28 tnx to Dave Gold tip, IDs in SP as TIREL, 980 MW, 6150 SW, prgm "Impacto Musical" and requesting rpts (Reinstein-FL); SP ballads, romantic numbers 0150 5-28, promos, short EG ID and request for rpts arnd the hr; also powerhouse at 0500, and good AMs 0900-1100; seems like 10 kw (JB); 0700-0803 6-3, M&W amcrs, EG and LA mx, frequent IDs (Murff-NM); same format to 0815\* 6-5 (Jordan); 0620-0715 and 1040-1135 fadeout, very good rcpn (Bobb-ME); EG amnt 1100 5-27 and -28, slick prof. op, good when Huila fading
- 6155 UNID. AR 1107-1116 5-25, march mx, string mx, quick fade (Reinstein-FL). (Jones-MS).
- 6160 CANADA CKZZ-Vancouver, world and local mx 0630 5-24, mx, fair-good (Bobb-MN); s/off amnt 0804, CBU ID, NA, 0807\* 5-4 (George-NC); ditto, 0805\* 6-4 (Bobb-ME).
- 6160 COLOMBIA Em. Nueva Granada, 0453 5-11, RCN IDs, pops, ballads, good strength but bad QRM (George-NC); fair with mx 0225 6-1 (Lineback-TX); "Colombia la Nuestra" prgm 0927 5-27, promos, jingles, ID for LV de Medellin 0946, no mention of N.Grenada, maybe N.Grenada with RCN relay of prgm originating from LV de Medellin (Cunningham).
- 6165 BRAZIL R. Cultura, talking 2331 5-20, sound effects, mx, ID with 4 fgs, fair (Yalko).
- 6165 BONAIRE RN, EG mx 0230 5-5, newelns, talk on radio topics, interesting (Desrosiers-MA).
- 6190 PERU R. Oriente, \*1030 5-20, Na, ID, etc. (Klein-NJ); ads 1119 5-23, no ID (Moore-HOND).
- 6199a CLANDESTINE R. 15 de Sept\* 0615-0625\*, Nic. mentioned, 5-11 (Lausevich). 73



# LOG REPORT

## section C

6200 to 11699 kHz

Editor: John T. Arthur, Box 4948, Arcata, CA 95521

MONACO TWR #0345 GM, IS, ID & GM rel prgm. f (Rigas, IL) Also #1005-1020\*, #1330-1400\* and #1930-2000\* w/GM rel prgms. Must have special dispensation to op OOB. (Darling, UK)  
Un-ID (maybe US?) 1222-1253, no comments of features, just steady rock/pop mx from USA. By 1252 sign gone under QRM fm ship-to-shore communications. Judging from format, prob a US pirate. Good to poor (Bolland, FL)  
CLANDESTINE LvdSandino 0452 EG, gud opportunity fr non-SP speaking DXers to find out what they've been shouting about all this time. Fair (Pappas, PA) 1120-1140\* SP, rhetoric by diff people. rev mx, gun fire, etc. (Bolland, FL)  
USSR R Kabul relay 1550 Dari, Afgan mx, good (Wood, SAR)  
EQUATORIAL GUINEA RNDGE 0513 SS, pop songs, SS ancr. but condx deteriorating. (Konen, WI)  
KOREA South R Echo of Hope 1108-1145 unID lang, M w/rel talk, hymn by choir 1109, 1113 more sermon to 1129, then ID but unable to translate and more KR mx. Fair (Bolland, FL)  
CLANDESTINE R Venceremos 0054-0115\* SP, political rhetoric by M, lots of patriotic songs & Sousa-type mx, freq ment of Farabundo Marti & FMLN. At one point M read list of names -- sounded like a list of future targets (or maybe list of those killed? jta). ID, freq list & off. Exc. but poor mod. (Cunningham)  
SOMALIA RM 0307 SM, talk in AR. Good in het (Wack, VA)  
CLANDESTINE LvdCID 0345 SP, ID 0348 w/new program announcement. (Jones)  
USA VoA 0200-0214 EG, Breakfast Show, USB (Hawk) (feeder, jta)  
CLANDESTINE R15dSept 0245-0259 SS, Mw/nx, ID by YL 0250. (Lavsevich)  
IRELAND R Dublin 0057-0438 EG, Eu & Am pop/rock mx, phone calls, usual. (Alexander, Cunningham, D'Angelo, Konen, O'Brien, Pappas and Wack)  
CLANDESTINE R Miskus 0115-0125\* SS, march mx, oration by M, in CW GRM, mod-to-hvy QRM. Off abruptly. (Lavsevich)  
CLANDESTINE R15dSept 0610-0635\* SS, M w/ speech, freq ment of Sandinasta. Good, //5565. (Summers)  
CLANDESTINE R Farabundo Marti 0117-0141 SS, typ LAm cland prgm w/ shouted rhetoric, patriotic mx, lots of slogans. Tons of CW GRM, which followed them to 7040. (Cunningham and Pappas)  
SPAIN REE 1915 SS, interview. Good (Wood, SAR)  
ETHIOPIA VoRE 0329 AR, NA, ID, M w/nx. Considerable CW GRM. (Konen, WI)  
MALI Bamako 0652 FR, carrier on 0652, ID 0655, NA 0659 and FR s/on annts 0700. March mx repeated to 0715 news. (Hosmer)  
ALBANIA RT 0135 EG, cmntry, "impressions of Albania" and feature on diffs between Alb & other countries. (Manning) Also 0230-0245 EG, w/Alb scientific achievements, world nx, mx. (Hawk)  
UK VoA 0215-0229, mx, nx, cmntry. (Hawk)  
ZIMBABWE ZBS Gweru (formerly Gwelo) 1540 EG, DJ show w/pop mx, ID: "This is the Zimbabwe BC Svc". fair (Wood, SAR)  
POLAND RP #1900 PL, s/on, into AR nx. Good (Wood, SAR)  
FRANCE RFI 0300-0330\* FR, chansons as only the FR can. (O'Brien) Also 0415-0505 EG/FR to Eaf, ancd // 9745, 11735, 11875, 15115, but last two not hrd. (Alexander and Jordan)  
KENYA VoK 1250 SH, talk, ID. Good (Wood, SAR)  
POLAND RP 0200-0214 EG, nx, cmntry. (Hawk)  
OMAN BBC relay 0420 EG, usual WS nx prgm, Newsdesk. (Jones) and 0500-0515 w/ WS nx, Af nx. (White, IL)  
TANZANIA RT 1545 SH, mw requests for Dar-es-Salaam. B (Wood, SAR)  
NEW CALEDONIA FRC Noumea 0742-1100\* FR, mx ranging from "island mx" to clx to "Men At Work", M ancr, s/off info in FR 1056, NA

- and off 1100. (Bobb, MN; Cobb, ME; Jordan; Konen, WI; and Manning)  
**7205** GREECS VoA 0219-0252 EG, Viewpoint, Breakfast Show, world nx, mx.  
 (Hawk)
- 7210** MOZAMBIQUE RM 1605 PT, end nx, chime IS, mx fm "Shaft" G (Wood)  
**7210** SWITZERLAND ICRC 0800-0900+ EG/FR, spl BC for Int'l Red Cross day  
 (EMay). Talks on history of RC, etc. Into FR 0900. Sig strong and  
 steady, QRN-free. (Darling, UK)
- 7215** IVORY COAST R Abidjan 0630-0700 FR, two M w/discussion in FR,  
 third M hrd occas in vern, W w/ID, mx, gong, tone, nx by M. Ide,  
 freqs & tc's. Poor to fair. (Jordan)
- 7245** ANGOLA Rnda 0540 EG/PT, soft rock/Af pops, long tlk in EG, freq  
 IDs. Fair in het. (Witte, CA)
- 7255** NIGERIA VoN #1900 EG, to WAF, good but low mod (Wood, SAR) and  
 0550 EG, nx to N/SAf. (Alexander, PA and Karns, OK)
- 7260** VANUATU RV 0803 PG/EG, nx in pidgin, EG nx 0814. //3945 but not  
 as good. (Konen, WI)
- 7265** LIBERIA VoA 0601-0612 FR, M&W w/talk, ID & IS. Poor to fair in  
 ARD QRM. (Bobb, MN)
- 7285** GERMANY West DW 0225 EG, AS Svc w/listener requests & greetings,  
 and four POBoxes (Bangladesh, India, Pakistan & Sri Lanka).  
 Vy Good (Desrosiers, MA)
- 7300** ALBANIA RT 0330 EG, ID, talk on medical care in rural areas,  
 W ancw w/ world nx, cmntry. CW QRM (Stanley, AZ)
- 7345** CZECHOSLAVACIA RP 0100+ EG, nx, cmntry, symphony mx, prize  
 opinion poll. (Blanchette; Desrosiers, MA; Jones; Robinson, TN;  
 Stanley, AZ)
- 7355** USA WYFR 0645, rel prgmg. It IS true; 41 metres! (Coles, TX)  
**7410** ISRAEL KY 0100 EG, IS/ID, nx by W, cmntry, folk mx. (Desrosiers  
 and Stanley)
- 7425** USA (?) Un-ID 0152-0223: GM, IS to 0155, then time pips and GM  
 pop mx by Kraftwerk and others. Mentioned Chicago. HELP!  
 (Rigas, IL 5/23)
- 7430** USA WRAM 0732-0847 EG, rock mx. Called loop # (215) 322-6926 and  
 got promise of QSL> (Rigas, IL 6/05)
- 7585** CLANDESTINE Spy# 0530-0545: SS, 5 digit groups, vy poor mod.  
 Carrier off 0545. (Lavsevich 5/26)
- 7600** EQUADOR HD2IGA 0325-0330 SP, time signals. Fair w/ RTTY QRM.  
 (Mayer, PA)
- 9025** IRAN VOIRI 0225 Farsi, M&W in Farsi, rev mx into recitation.  
 //15084. Good (Konen, WI) and 0112. M talk between vocal mx,  
 poss ID 0129, then more of same. (Manning) and 1950 EG, talk  
 abt revolution, poor (Wack, VA)
- 9050** EGYPT RC 0200+ EG, Cairo's 9475 xmr found wandering for 8 days  
 or so: 5/22 on 9050, 5/24 on 9043, and 5/29 on 9047. Back on  
 9475 by 5/30. (Cunningham)
- 9064** CHINA, P.R. CPBS I, Beijing #2000-2010 CH, s/on w/East Is Red,  
 prga preview. Poor in CW QRM. //9080 much better. (Darling)
- 9375** USSR RM 2000-2030 PT, Eur Svc. Mixing product of 9580 & 9785.  
 (Darling, UK)
- 9420** GREECE ERT, Athens, #1600-1700: on clear channel with GK/Alb/  
 Serbo-Croat/Bulgarian/Romanian to the Balkans. //11645 & 9865.  
 Fair. (Darling, UK; Coles, TX)
- 9475** EGYPT RC 0200-0300 EG, Egyptian mx w/W ancw, DX Club, mailbag,  
 world nx. (David; Coles, TX; Desrosiers, MA; Stanley, AZ)
- 9500** USSR 1145-1200 IT, Mavak, operatic mx. // 9600 & 11990.  
 Good (Bobb, MN)
- 9505** JAPAN RJ 1700 EG, time pips, ID, M w/nx, sports. Drowned out  
 by QRN 1715. Poor (Stanley, AZ)
- 9510** CHILE RndC 0310-0357: SP, M w/nx, ment of Nicaragua, brief talks  
 by W 0315, lively instru mx. (Jordan)
- 9515** MALAYSIA KL-0937-1112 MB, Malay pop mx w/low-voiced W ancw,  
 Qu'uran readings after 1110. (Bolland, FL)
- 9515** MALTA Int'l Christian # 2030 EG, Ww/ID requested reports, then  
 Jimmy Swaggert mx. (Konen, WI)
- 9515** UK (?) BBC 1455-1515 EG, IS 1455, Radionewsreel 1500, Concert  
 Hall 1515. (Hodgeson, NC)
- 9525** POLAND RP 0230-0245 EG, M w/nx, ID, talks by M&W. Poor with  
 terrible QRN. (Mayer, PA; Dickson; Manning)
- 9545** SOLOMON ISLANDS SIBC 0655-0750 EG/PB, pop mx, ads, wx 0700,  
 nat'l & int'l nx 0730. (Alexander, PA; Bobb, MN; D'Angelo, PA  
 Coles, TX; Jordan; Konen, WI; Summers)

PARAGUAY RndP 0230 SS. high speed futbol ancr w/ slower "color" man. Good sig, but het. (Konon, WI)

GERMANY, West DW 0348 GM, tribute to a musician, M w/ID, nx.

Good (Manning)

CAMEROUN RC 2105 EG, nx abt regional events, M w/ID. (D'Angelo, PA; Jordan; Konon, WI; Manning)

ALBANIA RT #0230-0239\* EG. trumpet IS, "A week in Albania". world nx, Albanian mx w/explanation of lyrics. (Kremer, DE)

CANADA RCI 0311 EG, US-Canadian fishing rights, undersea mining, and feature on naval activity on Great Lakes in 1812. (Manning)

NETHERLANDS ANTILLES TWR 0446 EG, "Caribbean Nightcall". (Karns)

EGYPT RC 1900 AR, ID "Idhaat ul Qur'an ul Karim min al Kahira". Good. (Wood, SAR)

AUSTRALIA RA 0834-0840 EG, w/ID & nx, W w/tc & target area.

Fair (Bobb, MN)

GUATEMALA LVdG 2115 SP. commercial programming. (Coles, TX)

NETHERLANDS ANTILLES RN relay 0750 EG, "Media Network". GRM fm Beijing & Pyongyang + light GRN> (Park, HI)

EGYPT RC #0230-0245+ AR. annts, M w/ID, anthem, chants. (Jordan)

AUSTRIA 0030 GM, nice GM-type mx, M talks then more mx, positive ID given. Good (Desrosiers, MA)

FRANCE RFI #2159 FR, IS, s/on in FR by M w/mx. Good (Konon, WI)

GABON RFI relay 1915 FR. time check, nx. Good (Wood, SAR)

USA R Clandestine 0540-0600 EG, rock mx, comedy ads & interviews ID as "BCing from a ship off the Atlantic coast..." Good.

(Summers, 5/30)

ISRAEL KY 0100-0115 EG, ID, freq & sked, W w/nx of ME. 0111 W w/ID, local nx. Fair (Hensley; Stanley, AZ)

GREECE VoG 0130-0138 EG, nx, protest abt US violation of GK air-space. (Dickson)

KOREA, South RK 1600 GM, nx. New time. Good (Wood, SAR)

BELGIUM BRT 0048 EG, discussion on nxpapers in Belgium. (Karns, OK)

BELGIUM BRT #0030-0115\* EG, "Brussels Calling", usual prgms.

(Blanchette; Manning; Stanley, AZ)

BELGIUM RTBF #0426 FR, drum IS, ID, sked, news, F-G (Rigas, IL)

UK BBC 0000 EG, WS news. Nx abt Britian, R Nkrael. (Desrosiers)

72.5v CLANDESTINE VotBroad Masses of Eritrea 1600 Tigre, ID, list freqs, chased by jammers. Good in spite of jammers (Wood, SAR)

JAPAN JJJ 1019-1020 JP, W w/ID, then time in CW followed by annt by W in JP. Fair (Bolland, FL)

Un-ID 2044-2050 lang, Asian M in lang w/mx. (Hodgson, NC)

CHINA, P.R. RB 2100 EG (Jordan; Weinhold)

ISRAEL KY 2055 HB, pop mx, time pips, and ID 2100 followed by news. (Rigas, IL)

GREECE R Stn Macedonia #0515 GK, IS, ID, sked, relay of Sunday rel svcs. Poor (Rigal, IL)

CHINA, P.R. RB 1200-1223 EG, nx on China, Taiwan, SKorea, econ

rpt on public sector aspect of economy. G-P (Jordan)

ISRAEL KY 1800-1815 EG, IS, ID, nx headlines, nx in full. Poor in GRN. (Mayer, PA)

BELGIUM BRT 0055-0110\* EG Belg folk mx, ID 0104, mx, s/off in DT. (Durham, MA)

INDIA AIR 2230 EG, annts, s/off. (Wack, VA)

-40vSOMALIA RH 1700 SM, ID, mx, ex-7120. Good (Wood, SAR)

ISRAEL KY 0028 EG, SPORTING NEWS. (KARNs, OK)

GREECE VoG 0114-0150\* GK, GK mx, ID, no EG nx at 0130. Good sig (Durham, MA; Mayer, PA; Piper; Robinson, TN; Stanley, AZ; Desrosiers, MA)

ISRAEL KY #2000, 2240-2300\*, 0000, and #0156 EG, "Calling All Listeners". (Fraser, MA; Konon, WI; Piper; Stanley, AZ)

EGYPT RC 0915 AR, ID, talk. //11785. Good (Wood, SAR)

MONACO TWR #1705-1720\*, IS, EG ID, into Latvian rel "Rock of Ages". Good, but jammed. (Wood, SAR)

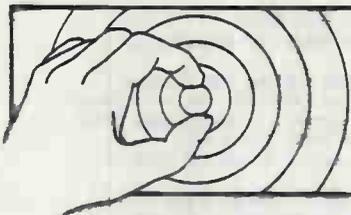
AUSTRIA DRF 0227 GM and 0430 EG, nx, sports, IS, ID, Austrian mx. Good. (Karns, OK and Pappas, PA)

PAKISTAN RP 1700 EG, W w/nx. Good (Wood, SAR)

CUBA RH 1820-1833 FR, W w/comments in FR and Cuban mx, full ID 1829. Good (Bolland, FL)

CHINA, P.R. RB #1800 Hausa, news. Good (Wood, SAR)

MONACO TWR #0425 AR, mx box IS, into AR prgm. Fair (Pappas, PA)



# LOG REPORT

## section D

11700 and above

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- 11708 DOMINICAN REPUBLIC LV de CID via R Clarin; 0200 SP, ID 0158 and 0226 (Jones) R Clarin; 2315 EG, ID, then SP pgs, also on (4850?) (number 2 not clear..bs) (Piper 5/30) Radio Earth International; \*0338-0446\* EG, first broadcast of "The World" pgs of REI via R Clarin; pgs hosted by Jeff White, incl'd's rptc by David Monson (formerly of BRT) and Rudy Espinal; featured tlk on tourism in Curacao, ads sponsored by travel bureau, unbiased nx and views; good signal, low-level het throughout, occ fades (Cunningham, Jordan, Mayer all 6/2)
- 11709 SWEDEN RSI; 2300 EG, tlk on USSR subs, poor (Stanley 5/5) 0230-0300 EG, nx, sx (Bonnet 5/20)
- 11710 SWEDEN RSI; 2300-2330 EG, to N Am, test effective 6/13-19 per ANARC-FRC instead of 11705 and 15270 (Zilmer)
- 11710 ARGENTINA RAE; 0230 EG, nx, sx, "People of Argentina", f (Stanley 5/14)
- 11714.3 NICARAGUA LV de Nic; 1630 SP, ID, sx, CBC QRN on 11720, f (Konen 5/21)
- 11715 NICARAGUA LV de N; 2349-0002 SP, anti-US tlk, "Habla Nicaragua Libre" pgs, ID and freq's by M & W, patriotic mx, "Aqui Nic" pgs; good, 5950 inaud (Cunningham)
- 11715 SWITZERLAND SRI; 0145 EG, "Dateline", nx (Stanley) 0215 SP, nx, cmtry on Spain elections (Grosvenor 5/8)
- 11725 AUSTRALIA RA; 1910-1930\* EG, nx, cmtry on smoking (Park 6/4)
- 11730 NETHERLANDS RN; 2046-2121\* EG, "SW Feedback", //17605, weak (Lucas 5/14)
- 11740 TURKEY VoT; \*2200 EG, nx, tourism pgs (Fraser), 2257 TK, IS, ID, tlk in TK (Vadino) 0300-0330 EG, nx, art & culture pgs, DX show, nx (Martin, Harrington, Stanley, Manning) 0800 TK, nx, //11820, g (Wood 5/22)
- 11750 USSR RM; \*0000 EG, nx, feature pgs, //9765, 11780 (Fraser 5/20)
- 11750 SINGAPORE BSC WS; 1435-1515 EG, sx, Radio Nx Reel, f (Bobb 6/3)
- 11755 CHINA RB; 1603-1615 EG, world & nx of China, //15165, f (Lucas 5/31)
- 11760 COOK ISLANDS RCI; 0705-0903\* EG, R Australia nx relay, US pop nx, island mx, s/off w/ hymn (Alexander 5/30, Konen)
- 11770 USSR RM via Alma Ata; 1128 EG, RS sx, nx (Konen 5/15)
- 11785 USSR R Tashkent; 1205 EG, nx, cmtry, ID (Konen 5/15)
- 11800 CZECHOSLOVAKIA R Prague; 0100 EG, nx, SIO 322 (Zilmer 6/2)
- 11800 AUSTRALIA RA; 1210 EG, "Four Corners" pgs, new freq?, fair (Hosmer 6/3)
- 11800 ITALY RAI; 1955 EG, IT lang lesson, vg; //9710 poor (Fraser 5/10) 0100 EG, sx, nx, poor (Stanley, Karns)
- 11800a USSR R Kiev; 0227 EG, nx, sx, ID (Karns 5/10)
- 11810 ROMANIA R Bucharest; 0400 EG, wld nx, cmtry, unrdbl by 0415 (Stanley 5/4)
- 11814.7 GABON VO Gospel via Afr #1; \*1725 Elizabethen Serenade IS, Hausa ID as Afr # 1, into "Holy Holy Holy" in Hausa, g (Wood 5/15)
- 11815 LIBYA R Jamahiriyah; 2200 EG, nx, pop nx, (Martin) 2332 AR, nx, //15415 (Vadino)
- 11815 POLAND RP; 0205, 0300 EG, nx, cmtry, to ECMA, into PE 0335 (Konen, Stanley)
- 11817.9 MOZAMBIQUE RM Maputo; 0435 PT, nx w/ taped interviews, local mx (Konen 5/16)
- 11820 TURKEY VoT; 1200 EG into HG, new IS, nx, g (Wood 5/12)
- 11820 SAUDI ARABIA BSKSA; \*1500 AR, list freq's & pgs, //11950v, g (Wood)
- 11825 TAHITI 0728-0730\* FR, freq's by M, ID, choral anthes, N Anthes, g (Bobb 5/23) 0720-0733\* FR, guitar island mx, s/off ancmts, Anthem, vg (Jordan 5/21)
- 11830 LIBERIA ELNA; 1800 end FR, into EG ID then Fulfulde, f (Wood 5/17)
- 11830 INDIA AIR; \*1800 EG, nx, fair mixing w/ ELWA (Wood 5/17)
- 11830 ROMANIA RB; 0210 EG, nx, "Radio Nx", g (Konen 5/10)
- 11835 SRI LANKA SLBC; 1045-1130\* EG, AMR DX pgs (5/22 George) nx, rel tlk, QRN (Cobb)
- 11840 POLAND RP; \*1900 PL, ID, into AR nx, g (Wood 5/13)

- 11850 LIBERIA ELWA: 2050-2113 AR, rel mx & tlk, ID, IS (Bobb 5/10)
- 11855 USA WRNO; 2300-0025 EG, ABC nx, rock mx, Hauser's "World of Radio" (9/8, 15) commercials (Blanchette 5/21, Mayer, Krewer)
- 11865 WEST GERMANY DW-Voice of Germany; 0100-0120 EG, NAM Mailbag pgm (Strauss)
- 11865 SAUDI ARABIA BSKSA; \*1200 EG, nx, QRM'ing itself on 11870 AR; ex-11855 (Wood)
- 11870 NORWAY RN; 0400 EG, tlk on handicapped sports in Norway, g (Harrington 5/30)
- 11870 ASCENSION ISLAND BBC WS; 1700 EG, nx, f, mixed w/ BSKSA (Wood 5/1)
- 11880 SPAIN Spanish Foreign Radio; 0000 EG, nx, "Panorama", g (Stanley) 0145 EG, pgms on Spain (Grosvenor)
- 11890 PHILIPPINES FEBC; 0919-0927 EG, rel tlk, family pgm.f (George 5/24)
- 11890 EAST GERMANY R Berlin Int'l; 0304-0315 EG, "Dateline Berlin", f (George 5/8)
- 11900 Saipan KYOI; 1228 EG/JP, Bryan Adams, Jackson Browne mx, JP ads, weak (Wack 5/23) 1500-1600\* EG/JP, pop mx, Seiko time checks, ID "Super Rock KYOI", ref continuing pgm on 9670 after s/off (Darling, Summers)
- 11900 SAUDI ARABIA BSKSA; \*1200-1400\* Urdu, azan, nx, //15435, active again, g (Wood)
- 11900 CHINA RB; 1220 EG, "China Anthology" pgm (Konen) 1515 EG, pgm on CH workers, f (Stanley 5/1)
- 11905 ITALY RAI; 0400 EG, nx, sports, f (George 5/22)
- 11905 THAILAND 1230-1315 ?, class mx pgm, relaxing vocals, anthem and W in mid lang 01300, no ID; used ECSS, very poor (Konen 5/15)
- 11910 HUNGARY RB; 0100-0130 EG, IS, ID, nx, cntry, f w/ RAI QRM (Mayer 5/4)
- 11910 ENGLAND BBC WS; 2340-0030 EG, nx (Bonnet 5/30)
- 11915 BRASIL R Gaucha; 0020-0030 PT, mx, tlk by M&W, ID's, f (Mayer 5/23)
- 11920 GUAM TWR; 1450-1500 lang, tlk by W in lang, hyan, ID, f (Bobb 5/10)
- 11925 PORTUGAL RP; 0230 PT, 0300 EG, //6025, nx, features (Manning, Stanley, Bonnet)
- 11930 FRAN VOIRE; \*1515-1615\* RS, to USSR, ex-9765; f but distorted w/ co-chan VOA and Moscow (5/2 Darling)
- 11940 ROMANIA RB; 0415-0430 EG, import rpt, mx, f (Bonnet 5/30)
- 11940 GABON Africa # 1; 2145 FR, Afr pop mx, ID's, over ROI to Afr (Reid, Mayer)
- 11940 SINGAPORE SBC; 0950, 1100 EG, nx, mx, cntry (Zilmer, Bolland)
- 11940 LIBERIA ELWA; 0645-0700 AR, tlk by M&W, ax, ID, vry good (George 5/8)
- 11945 CHINA RB; \*1700 RS, nx, g (Wood)
- 11950 USSR Alas Ata; \*2259-2320 Kazakh, IS, choral anthem, instrm NA 2307, tlk by M & W, 2316 ballroom piano mx, heavy QRM (Bobb 6/2)
- 11950 CZECHOSLOVAKIA RP; 0300-0313 EG, nx, Czech folk mx, cntry (Lucas, Stanley)
- 11955 LEBANON R Lebanon; 0230 EG, nx, ID as "Overseas Svc of RL" by W (Witte 5/30)
- 11955 SINGAPORE BBC WS; \*0929-0949 EG, EG By Radio (George) 1001-1030 CH, orch mx EG lesson, Big Ben chimes (Bobb 6/2)
- 11955 PHILIPPINES R Veritas Asia; 1430 EG, "Listeners Int'l" "Asian Experience" (Park)
- 11960 NEW ZEALAND 0540-1017 EG, nx in Maori at 0555, and EG 0600, //15485, pop mx, f (Konen, Jordan, Alexander, Bolland)
- 11960 USSR R Kiev; \*2330-2359 EG, nx, youth pgm, DX club (Robinson, Fraser, Jones)
- 11960 USSR R Vilnius; 2215-2228 EG, intvw w/ jazz mxn, g (Bobb 5/28)
- 11965 USA WRNO; 0130 EG, Rolling Stone Magazine pgm (Karns 5/8)
- 11975 EAST GERMANY RBI; 0105 lang?, nx (Smith)
- 12015 AUSTRIA ORF; 2140-2200 EG, tlk of Vienna festival, sports, g (Cobb)
- 12025 ISRAEL Kol Israel; \*0200 EG, nx, // 9815, exc (Hosmer 6/3)
- 12070 MONGOLIA Radio Ulan Bator; 1210 EG, nx by M, p (Konen 5/15) 1455-1501 EG, mx w/ Moscow, suddenly off 1501 (Lucas 6/7)
- 12290USB AUSTRALIA RA; 1640-1730+ EG, feeder, sports, nx, fades (Darling) 0610 EG, "Spectrum" pgm, QRM (Park 5/15)
- 13608.9 PAKISTAN RP; 1710-1730 TK, Islamic mx, anthem, off 1730 (Konen)
- 13611.8 PAKISTAN RP; \*1630-1730\* TK, off w/ "Pakistan zindabad" and anthem, g (Wood)
- 13797 ICELAND RR; 1945-2005 Icelandic, EG pop mx (David Bowie), f w/cw QRM (Darling)
- 14464.75 CAPE VERDE CPRM, Cabo Verde; 1050-1058, melody mirror, call Lisbon 1057, then into traffic; fair on clear channel (Darling) utility station..bs
- 14491.9 UNIT 2115-2130 lang, singing by W, very poor (Hodgson 5/26)
- 14320 ALBANIA R Tirana; \*1300 CH, nx abt Enver Hoxha, g (Wood)
- 15010 VIETNAM Vov; 1330 EG, nx (Zilmer 5/11) 1800-1830 EG, nx, cntry, local features (Summers, Lindsay) \*2030-2047 EG, nx, mailbag pgm (D'Angelo 5/8)

15015 AUSTRIA ORF: \*0100 GM, IS, ID in EG, intvw pgm, very good (Fraser 5/10)  
 15043 GRENADA R Free Grenada; 2358-0031 EG, political pgm, s/off 0030 (Brouillette)  
 15045 GRENADA RFG; 2316-2331 EG, world, regional, local nx, bank ad 2330 (Hensley)  
 15055 GREECE Voice of Greece; 1540 EG, mandolin nx (Strauss 6/3) 2129 GR, nonstop GK nx, exc (Wack 5/31)  
 15084 IRAN VOIRI; 2230-2238 AR, nx, ID (Brouillette) 0100 Farsi, cmtry (Jones)(Vadino) (Worob)  
 15105  BRAZIL Radiobras; \*2000-2100\* FR, list full sked, g (Wood 5/15)  
 15120 CHINA RB; \*0000 EG, nx, "Chinese Sayings", "Music from China" pgms (Fraser)  
 15120 NIGERIA Voice of Nigeria; 2059-2134 EG, ID, time checks, nx, Afr nx (D'Angelo)  
 15120 POLAND RP; \*0200 EG, nx, cmtry, DX Club (Strauss, Reid, Martin)  
 15125 PORTUGAL Rdif Port; 0900 PT, ID, light nx, g (Wood)  
 15135 BULGARIA R Sofia; 2130 EG, local nx, cmtry, SIO 333 (Zilmer 6/2)  
 15145 CHILE RNac; 0126-0132 SP, tlk by 2 M during futbol intermission (Brouillette)  
 15148.8 CHILE RNac; 1933-2030 SP, soccer game, ID 2018, f (Bolland 5/8)  
 15155 ECUADOR HGJB; \*0100 EG, Passport pgm, //9745 g (Fraser 5/6, no name)  
 15165 DENMARK RD; 2258-2312 DN, EG ID, into DN pgm (Harrington 6/4, Vadino)  
 15165 NORWAY RN; 0200 NO, EG ID as R Norway Int'l (Wack 5/27)  
 15170 TAHITI RT; 0703-0725 FR/TT, telephone tlk from callers, island, FR, US pop/rock nx, good (Jordan 5/7)  
 15190 VATICAN Vatican Radio; 0625-0635 EG/IT, EG ID, IS, into IT 0630 (Cobb)  
 15200 ISRAEL KY; 2230 EG, nx, cmtry on animals in Israel (Zilmer 6/2)  
 15220 TURKEY VoT; 1700 lang, mostly MEast nx, very good (Jones) 1830-2848 (lang?) TK nx (O'Brien) 0303 EG, nx, ID, press rvw; good w/ Budapest weak under (Pappas)  
 15225 CHINA RB; 1200 EG, nx, gvt rpt (Martin) 1244 CH/EG lang lesson (Worob)  
 15225 TUNISIA RTT; 0900 AR, ID, nx by W, g (Wood)  
 15226 TUNISIA RTT; 1858-1942 AR, nx until 1900 nx, cmtry to 1930 nx, f (Bolland)  
 15230 CUBA R Habana; 1830 SP, end "Formalmente Informatel", ID, into nx, g (Wood)  
 15235 ENGLAND R Canada via Daventry; \*0600-0700\* FR/EG to MEast, ex-15265 (Wood)  
 15240 YUGOSLAVIA RY; \*1500 FR, nx, over Moscow, f (Wood)  
 15240 GUAM TWR; \*0900 CH, IS, into rel pgm in Std CH, f (Wood)  
 15255 AFGHANISTAN RA Kabul; \*0123-0215 Pushto, IS, ID, long NA, time ticks, ID chants and nx, tlk by M & W, f-g (Bobb 6/2)  
 15270 SWEDEN RSI; 2300 EG, nx pgm, intrvws (Harrington 5/29, Vadino, Stanley)  
 15275 AUSTRIA ORF; 1230 EG, "Report From Austria" replaces 15165 at this time (Zilmer)  
 15280 USA KGEI; 2130 EG, "Hour of Decision" pgm, into SP 2200 (Jones 5/15)  
 15190 Saipan KYOI; 0605-0630 EG/JP, usual rock nx and anats; co-ch GRM from Afr (ooo) svc of Vatican R with EG at 0615 (Alexander 5/20)  
 15300 UNITED ARAB EMIRATES R Dubai; 1700 EG, mailbag, ID, g (Wood)  
 15310 OMAN BEC WS relay; 1531 EG, FA Cup final (Park 5/21)  
 15315 NETHERLANDS ANTILLES R Nederland; 0215 SP, tlk on Dutch Auto Club (Grosvenor)  
 15320 SEYCHELLES FEBA; 1445-1500\* Hindi/EG, sermon in both lang's (Park 5/21)  
 15325 SEYCHELLES FEBA; \*1500 EG, wld & Asian nx, "All Kinds of Music" (Park 5/21)  
 15335t LIBYA SPLAJBC; 1900-2000 AR, poss ID, ant of Libya, MEast nx (Jordan 6/5)  
 15345 USA AFRTS; 1730-1745 EG, ID, tc, ABC nx, PSA's, exc (Mayer 6/1)  
 15345 ARGENTINA RAE; 0038 SP, SP nx (Worob) 0230-0300 EG, Mailbag, nx (Stanley, Dickson)  
 15350t Zaire LVduZ; 0145-0215 FR, lively rhythm nx, poss mnt "Kinshasa" (Dickson 6/2)  
 15395 QATAR QBS; \*0245-0250 AR, Guitar IS, ID mnt Qatar, nx, into chants (Valko 5/17)  
 15420 CYPRUS BBC WS via Limassol relay; 0530 EG, "Parade" pgm of nx (Hosmer)  
 15420 USA WRNO; 1830-1900 EG, ABC nx, rock nx, ads (Mayer 5/30)  
 15425 SRI LANKA SLBC; 0117 EG, pop nx, f-p (Wack 5/27)  
 15495 KUWAIT R Kuwait; 0240 AR, chants, poss ID, p (Manning 5/16)  
 15555 CLANDESTINE R Vatan; \*0457 Persian, string instr nx, IS, ID, tlk on Khomeni (Rigas)  
 15575 SOUTH KOREA R Korea; 1100 EG, nx (Zilmer 6/2)  
 16433LSB KIRIBATI RK; \*0525-0700+ EG/Kir, BBC nx & pgms, pop nx, island tunes, fair to poor signals (George, Rigas, Jordan, Konen, Lucas)

USSR R Moscow via Petropavlovsk (per UHN); 2050, 2211 EG, nx (Hensley 6/3, Park)  
 CHINA R Beijing; \*1500 EG, nx, mix w/ Moscow AR, f (Wood 5/8 - SA)  
 NEW ZEALAND RNZ; 0250-0400 EG, nx, weather, nx, f (Dickson 5/28, Manning, Stanley)  
 USSR R Habana relay; \*1600 FR, IS, nx, relay modulation, g (Wood 5/10)  
 NORWAY RN; \*2100-2130 NO, nx, g-vg (Hodgson 5/26, Wood)  
 ROMANIA R Bucharest; 1045-1055 EG, nx, cmtry by M, fair w/ fades (Cobb 5/20)  
 BRAZIL Radio Bras; 1930 GM, cultural tlk, g (Wood 5/10)  
 IRAN VOIRI; 1000 Parsi, speech on jihad (holy war), // 15084; appears to replace 15260, g (Wood 5/8)  
 ALGERIA RTVA Radio Algiers; 1952 FR, tlk and pop tunes until 2000 EG, when annc 9150 and other dubious freqs (Wood), nx to 2015 then sports, nx prgm from 2019 to 2029 (Cunningham) annc'd 15215 which was weak, but not 17745 (Wack) into SP at 2030 (Rigas) also (Manning, D'Angelo, Bonnet, Jordan, Bobb) (Zilmer)  
 BULGARIA R Sofia; \*1930 FR, nx to Africa, // 17825, g (Wood 5/10) 2100 EG, sports  
 ASCENSION ISLAND BBC relay; 1600 EG, World Svc nx, g (Wood 5/1)  
 UNITED ARAB EMIRATES Dubai; 0330 EG, nx, financial rpt, mailbag (Stanley)  
 AUSTRALIA RA; 2229-0440 EG, nx, tourism, variety pgms (Reid, Dickson, Piper, Hensley, Stanley)  
 RWANDA Deutsche Welle relay; 1230-1315 EG, nx, Afr Svc ID, into FR 1315 (George)  
 TAIWAN Voice of Free China; 2200 EG, nx, culture prgm, f (Stanley 5/7)  
 BANGLADESH RB; 1800 Hindi; into EG 1815, ID "This is the Overseas Svc of RB. The news, read by..."; 1900 into EG dictation-speed nx, g (Wood 5/11)  
 BANGLADESH RB; 1900 EG, dict-spd nx, good over RCI (Wood 5/20)  
 SWITZERLAND SRI; \*1530-1553 EG, nx, econ rpt, "Sunday Supplement" (Fraser, Bobb)  
 NORWAY RN; 1600 EG, "Norway Today", QRM'd fm FR best 1615 (Stanley 5/1)  
 ASCENSION ISLAND VOA relay; 1300 SP, nx and morning show, SRI QRM 1314 (Hosmer)  
 NORWAY RN; 1930 NO, religious svc, // 9590, g (Wood 5/8)  
 PAKISTAN RP; 0230 EG, slow-speed nx, no // listed hrd, p (Konen)  
 KUWAIT RK; 0600\* AR, ID by F, g (Wood 5/11)  
 SWITZERLAND SRI; 1814 EG, "Swiss Shortwave Merry-Go-Round", QRM (Park)  
 0030-0101 IT, nx, cmtry, fade out (Durham 6/2)  
 AUSTRALIA RA; \*0100-0230 EG, world & local nx, fluttery signal (Fraser, Strauss)  
 LIBERIA VOA relay; 1918-1932 EG, Afr Panorama prgm, vg (D'Angelo 5/30)  
 ECUADOR HCJB; 1207-1230 EG, rel prgm, mx (Bonnet 5/27)  
 CZECHOSLOVAKIA R Prague; \*1930 AR, nx, // 11990, 9600, g (Wood 5/10)  
 AUSTRIA ORF; 2130 EG, German Day Rally, wx, f (Blanchette 5/21)  
 USSR R Kiev; 2330 EG, \*0200-0228\* EG, nx, mailbag prgm (Jordan, Harrington)  
 QATAR QBS; 1921 AR, ID, freq's annc'd, fair (Wack 5/23)  
 LIBYA SPLAJBC; 0053 AR, nx by M, mnt Israel, Nicaragua, ID (Worob 5/16)  
 CLANDESTINE Voice of the Great Homeland of the People's Revolution (per SWLD 6/5) 1900-2000 AR, speech by M, chants by crowd + slogans led by M; orch nx 1930 followed by political tlks (Jordan 6/5)  
 CLANDESTINE Voice of the Sudanese Popular Revolution; 1645 AR, ID "Huna Sawt ul Thawrat ul Shaabiyat ul Sudaniya"; "Oh My Darling Clementine" played on Sudanese folk instruments, g (Wood 5/6)  
 USSR R Kabul USB feeder via USSR; 1120-1430+ (lang?) strong solid sig exhibits very apparent satellite delay compared to 4740; noted 1 day only (Darling-UK 4/25)  
 ECUADOR HCJB; 2130 EG, "DX Party Line" (Harrington 5/30)  
 SWITZERLAND SRI; 1545-1600 PT, tlk by M & W, drums, mx, f-p (Bobb 6/2)  
 KUWAIT R Yerevan; \*0700-0800\* Armenian, to Eur, Sunday only, nx; moved 1 hr earlier for DST, f (Wood 5/22)  
 IRAQ R Baghdad; 0700-1100+ AR, "Voice of the Masses", nx, nx // 9555, fair (Darling) 2200-0011 AR, nx, tlk (Durham, D'Angelo) 0320 EG, nx (Harrington)  
 ENGLAND BBC WS; 1300-1500 EG, wrld nx, cmtry, special topics (Desrosiers, Bonnet)  
 KUWAIT RK; 1530-1555 (Lang?) Koran reading (O'Brien 6/6)  
 AUSTRALIA RA; 0113-0752 EG, "Report from Asia" + other pgms, nx, nx, g (Park, Stanley, Brouillette, Desrosiers)  
 NORWAY RN; 1700-1730\* EG, "Norway This Week" on submarine incident, g (Wood)  
 TANZANIA RT; 1330 EG, Afr nx, 3x9749 which was also hrd, ? (Wood 5/1)

*Just*

# LOG FRENEX REPORTERS

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

Welcome to the July '83 edition of **FRENEX**, and thanks to the following fifty members for their contributions:

Brian Alexander, Mechanicsburg, PA; Marion Blanchette, Thonotosassa, FL (DX-100, RF260); Norman Bobb, Minneapolis, MN (ICF-2001, R600); Charles Bolland, Lakeworth, FL (ICOM R-70, FRG7000); Arthur Bonnet, West Lafayette, IN (DX-302); Paul Brouillette, Hazelwood (St. Louis), MO (DX-160); Ken Cobb, Portland, ME (RF4900, RF2800); Larry Cunningham, Columbus, OH; Richard D'Angelo, Wyomissing, PA; Gordon Darling, Caversham Park, Reading, England (SAIT MR1411, HR22, AD70920); Ronald David, New York, NY (DX-160); Richard Dickson, Loveland, OH (DX-302, XCR-30); Marlin A. Field, Hillsdale, MI (SPR-4, SX-100); Bob Fraser, Cohasset, MA (XCR-30); Nelson George, Fayetteville, NC (DX-302); Norman Grosvenor, Hollywood, CA (FRG-7); Rob Harrington, Littleton, CO (R-1000); Michael Hawk, Hampton, VA (GE World Monitor II, XER-30); Baxter Hensley, El Paso, TX (FRG-7mod, SX-190); Harold C. Hodgson, Buxton, NC (R7); Don Hosmer, Dearborn, MI (RF3100, ICF-2001); Brian L. Jones, Houston, TX; Rufus Jordan, Pittsburgh, PA (DX-302, Zenith Transoceanic); Sherman Karns, Yukon, OK (DX-100); Joe Kremer, Columbia, SC and Wilmington, DE (DX-300); Arnold Lavsevich, Milwaukee, WI (HQ180C, RF4800); Bruce Lindsay, Rochester, NH (DX-302); Jerry Lineback, Conroe, TX (R-7); Sandra Manning, Garland, TX (FRG-7700mod); Michael Martin, Plainfield, IN; Bill Mayer, Allentown, PA (DX-200); Don Moore, Santo Barbara, Honduras (FRG-7mod, ICF-7600A); Joe O'Brien, Bronx, NY; Nick Pappas, Fairless Hills, PA (SPR-4); Dale Park, Honolulu, HI (ICF6700W); Glen Piper, Rochester, MI (RF-2600); Andy Reid (AWR), Petersburg, ON (S-53A, DX-60); Christos Rigas, Chicago, IL (R-2000); Betsy Robinson, Clinton, TN (ICF-2001); Todd Smith, Wilton, CT (Astro-5); Trevor Stanley, Flagstaff, AZ (NRD-515); Robert Strauss, Columbus, OH (FRG-7mod, FRG-7700mod); Steve Summers, Mechanicsburg, PA; George Vadino, Bellevue, WA (RF4800); Dave Valko, Dunlo, PA (DX-160, FRG-7); Louie Wack, Annandale, VA (GE 7-2990); Terry Weinhold, East Earl, PA (FRG-7, DX-160); Marjorie Witte, Torrence, CA (FRG-7); Richard E. Wood, Abha, Saudi Arabia (R-7, R-1000); Philip Worob, Austin, TX (DX-160).

Two important points: I've received a letter from the local Postmaster complaining of a lack of an apartment number on many of the letters sent to my address. To insure prompt mail delivery, the apartment number must be included in the address. Secondly, the use of initials in identifying reports submitted by some individuals has led to some confusion on the part of members and editors alike. Please take the time to sign your name to each log.

Thanks for your cooperation on the above, and remember, the deadline for upcoming issues is the twelfth of the month.

Until next month, 73s and good DX,

*Nick*

# ANTENNAS/ACCESSORIES

## MIKE AIGNER

EDITOR: Mike Agner c/o Pa. Blue Shield Erford Rd. Bldg W6E1 Camp Hill  
Pa. 17011

Hi everyone! The mail has picked up a little, so let's not waste any more time and dive right into it:

William Taylor, Pa.

25 meter Marconi  
30 meter "T" (this is not an often reported antenna. It is vy similar to the inverted L, save that the lead in is attached at the center instead at the near end. It is vy popular in Euro DX circles, I am told. mja)  
60/49 meter segmented Window w/trapped lead in (Bill, if u can send me a little more info on the coils- turns per inch, type of wire & so on- I'll work up a description here mja)

Don Moman, Alberta Can.

SX59 Presselector  
Gilfer C10 calibrator  
DD2 digital readout  
HB7 headphones (make, mja)  
GE cassette recorder  
Pioneer T3300 stereo  
cassette deck  
Sony TC280 reel to reel  
deck  
RS freq equalizer (?mja)  
switch box and stereo  
amp, both homemade.

Mike Walker, Ont. Can.

QF1 audio filter  
75 foot random wire  
1 wave loop for 20 m.  
1 element quad for 31 mb  
RW loop  
13 metre random wire  
10 metre sloping random  
wire

Charles George, Tx.

antenna tuner(homemade)  
25/50/100 Khz cal.  
DPDT antenna switch  
Telex c1320 headphones  
Panasonic cassette rec.  
Phillips Cont. 320 reel  
to reel recorder  
Yaesu QTR24 clock

30 foot random wire/N/S  
Sportmaster 48EM50 Bdcst  
wire (he uses it to connect his recorders thru. Is this a mixing item like the item carried by RS? mja)

QTR43 RS cassette  
Panasonic recorder (mode  
-1, Chuck? mja)

Whoops, out of room again! See ya next time!

BC221N freq meter mja

NEW ADDRESS: Please take note that our new address is: 47 Prospect Place, Bristol, CT. 06010

USA...The name remains the same...Sam Barto. HI!

HAP DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any 5 for \$1.00. New since last issue...WMVB, BBC Radio Merseyside. We also have Polskie Radio(blue), (gray), (brown)(green), Swansea Sound, Radio Sweden, Metro Radio, Radio DeeJay, PCH, Capital Radio, 6WF, BDXC, Radio Nacional de Espana, Radio Budapest, WMET, WRCK, WYSL, KBDF, KBOI, WQMF, WGCL, KGB, KTYD, KROY, KWIF, WJNS, KVET, WPLJ (Doors) (Stones) (AC/DC), (Who) (Rock n' Roll), WLUP, WDET (small), (large), WEEI (mini), WLPX, KLDN, WWSW, WCFL (large) (small), KCOL, WLRS, WGCL, KLOL, KLRZ, WLLZ, WEZX, WPLR, WMMR, WIRE, KOKK, KPNN, KDKD, WGLB, WMMU, KJR, CKLG, KOMK (black), (yellow), CKNW, CFAX, KIXI and KOLQ...The following are available for \$.50 each: Radio 210, TEX, Radio Tay, RNE (soccer) 4X0, Radio Avon, Radio Caroline and Deutsche Welle... As you may notice we are a bit low on stickers. We sure could use them in quantities (at least 6 or more from the same station.) The following items are also available at the quoted prices: WMMW 2 tone brown large plastic litter bags at \$.50; WPEZ or KBOI paper caps at \$.50; WQMF or Disco-99 iron on T-shirt decals at \$.25 each; WPLJ plastic ID cards at \$.25 each; WMON ice scraper at \$.50; WMMR very large book cover at \$.25; CBC Southwest Ontario plastic litter bag at \$.50; London Music Radio and European Music Radio paper banners at \$.25 each; Radio Forestland balloons at \$.50 each; metal station badges from WLPX, WMMR, WMET, CFTR (Blues Brothers), WLUP and Radio City-199 at \$.25 each; KIVI plastic litter bag at \$.50; also Radio London, Radio Caroline, Radio Nord, Radio West, Voice of Syncom, Radio Duomo (car) (woman) and Radio Fil Rose B&W mini-posters at \$.25 each....Hope there is something here you like!

HAP BID ITEMS: ITEM #580: Radio Kelly (Italy) sticker (3.5x8") gold, black-sharp; #581: Radio Mont Blanc (France) sticker (2.5x5") blue, white, yellow; #582: Radio Evangile (Monaco) sticker (2x2") red, white; #583: Devon County Radio (UK) decal (3x9") blue, white, red; #584: Devon County Radio decal (3x4") blue, white, red; #585: Radio Nottingham (UK) sample QSL card (3.5x5.5") m/c; #586: Radio Clyde (Scotland) sample QSL card (4x6") B&W; #587: H-TV LTD. (UK) decal (1.5x14") blue, white-very nice; #588: H-TV LTD. key chain, blue, white; #589: Devon County Radio station pen, black, blue, red-nice; #590: MARITEX (Swedish Marine) ship sticker, 2 different, B&W; #591: SAG Goteborg Radio (Sweden) sticker (4" cir) gold, B&W-sharp; #592: BBC Radio Shetland (Shetland Islands) sticker (3.5" cir) green, white; #593: WINK sticker (4x9") m/c; #594: Radio New Zealand mini-paper pennant (2.5x6") m/c; #595: KMJK decal (3x12") m/c; #596: Radio Time (Italy) sticker (2x 6.5") red, white; #597: Public Radio (USA) sticker (4x13.5") black, green; #598: Deutsche Welle (Germany) sticker (4x4.5") red, white, blue; #599: NBC (Papua) paper pennant (3x6") yellow, brown. #600: Radio Tees (UK) decal (2x18.5") m/c-nice; #601: KTXQ "Texas Best Rock" metal badge (1.5cir) m/c; #602: Radio Clyde station pen, red, white; #603: Trans World Radio decal (3x6") blue, gray, white; #604: IXX (New Zealand) balloon, m/c; #605: Radio Jukebox (Italy) sticker/m/c-very nice; #606: 2GB (Australia) balloon; #607: Radio Caroline (UK) paper banner (2.5x17") blue, white; #608: 3TR (Australia) Victoria Football League sticker (2.5x15.5") B&W; #609: Radio Hallam (UK) decal (2x13") m/c-sharp; #610: RAE (Argentina) paper pennant (4x8") m/c-nice; #611: HRVC La Voz Evangelica (Honduras) "22nd Anniversary" cloth pennant (6x10.5") blue, B&W-beautiful; #612: BBC Radio Orkney (Orkney Islands) sticker (3.5" cir) red, white-rare! #613: RBI (DDR) large plastic litter bag, m/c; #614: BRMB Radio (UK) "Turned On" metal badgered, B&W; #615: BRMB Radio sticker, red, B&W-nice! #616: WBCN sticker (4x9") blue, B&W; #617: BBC Radio Oxford station pen, blue, white; #618: BBC Radio Oxford sticker (4x8") m/c; #619: 2CH (Australia) sticker (2x9") m/c-nice; #620: 7LA (Australia) "I Love Lonny" heart shaped sticker, red, white; #621: Radio Korea sticker (3.5x5") m/c-beautiful! #622: Radio Atlantida (Peru) key chain, m/c-really beautiful! #623: Radio Atlantida triangular sticker, m/c-beauty! #624: Radio Atlantida post card with station seal, m/c; #625: BBC Radio Medway (UK) station pen, black, yellow; #626: BBC Radio Medway station pen, blue, silver; #627: BBC Radio Medway sticker (2x8.5") red, white; #628: BBC Radio Medway heavy duty plastic coaster (4" cir)-nice! #629: BBC Radio Cleveland (UK) plastic badge (2" cir) red, white, blue; #630: BBC Radio Cleveland decal (4.5" cir) red, white, blue; #631: BBC Radio Cleveland station pen, red, white, blue; #632: WBIS "Money" metal badge (1.5" cir) red, white, blue; #633: Radio Japan 3 different QSL cards (4x6") m/c-very nice! #634: BBC Radio Merseyside (UK) decal (4x5") m/c; #635: CEREDX (Spain) sticker (2.5x4.5") B&W; #636: EDXC-1983 m/c poster (12x17") very nice looking! #637: Saxon Radio (UK) decal (2.5x15") red, white-nice! #638: Peter Flowers Radio (Italy) sticker (1.5x13.5") m/c; #639: BBC Radio Bristol (UK) cloth arm patch (3" cir) red, white-beautiful! #640: BBC Radio Bristol sewing kit with thread, red, white-we get just about everything! #641: BBC Radio Bristol decal (5" cir) red, white; #642: BBC Radio Leeds-388 (UK) sticker (3.5x5") m/c; #643: BBC Radio Leeds-92.4 decal (3.5x5") m/c; #644: BBC Radio Leeds-92.4 sticker (3.5x5") m/c; #645: Amica Radio (Italy) sticker (1.5x2.5") m/c-nice! #646: Radio Citta Di Corsico (Italy) sticker (4x8.5") red, white; #647: Red Rose Radio (UK) decal (5x5") m/c-beauty! #648: Radio Nacional de Espana (Spain) cloth pennant (5x8") m/c; #649: Deutsche Welle cloth pennant (6x13") blue, white; #650: Radio Sweden paper pennant (4x 9") blue, yellow; #651: AMR Radio (India) (4x10") blue, yellow, white; #652: RFI (France) cloth pennant (4x8.5") blue, white; #653: Radio New Zealand paper pennant (3.5x8") #654: Radio Prague (Czechoslovakia) cloth book marker "Woman with Flowers" (2.5x8") m/c-very nice! #655: Radio Prague cloth book marker "Building" (2.5x10") gold, B&W; #656: BRI (Belgium) cloth pennant (5.5x10.5") black, red, yellow; #657: Radio Peking (China) cloth pennant "Girl with Building" m/c-very beautiful!.... Is there anything here for you?

NOTE: Please make sure that you use our new address...once again...Sam Barto, 47 Prospect Place, Bristol, Conn. USA 06010..... See you next month...Sam.

# NASWA "UNITY AND FRIENDSHIP"

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