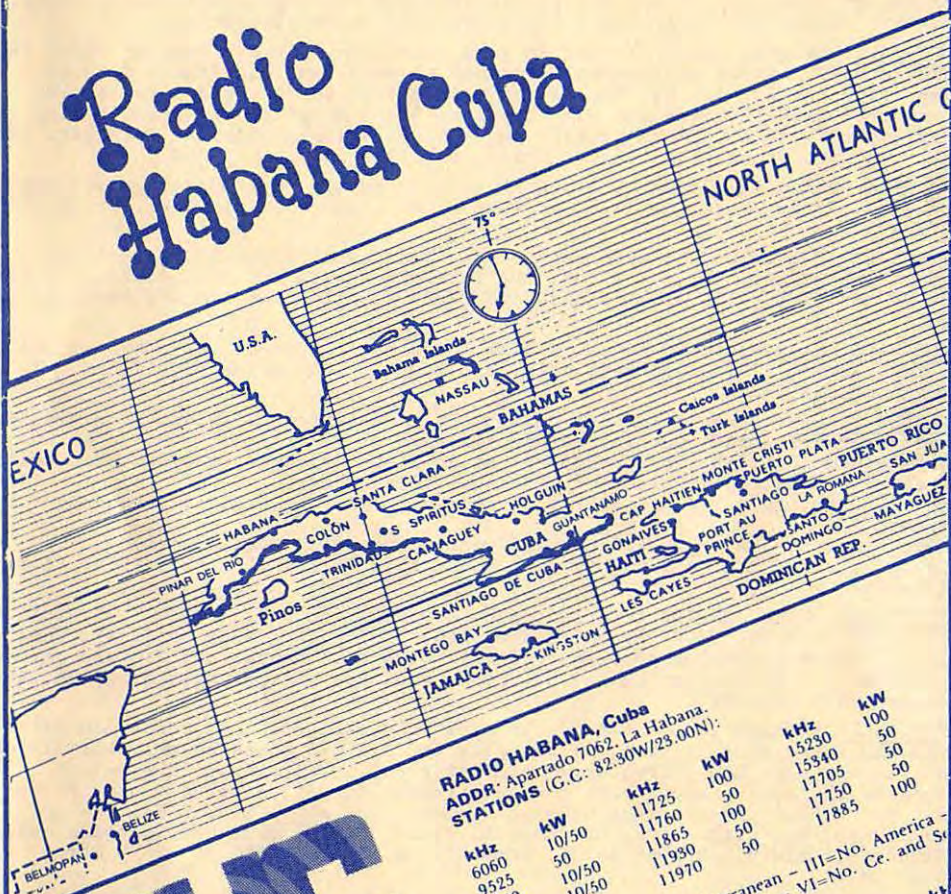


FRENDX

Radio Habana Cuba



RADIO HABANA, Cuba
 ADDR: Apartado 7062, La Habana.
 STATIONS (G.C.: 82.30W/23.00N):

kHz	kW	kHz	kW
6060	10/50	11725	100
9525	50	11760	50
9550	10/50	11865	100
9655	10/50	11930	50
9685	50	11970	50
		15230	100
		15340	50
		17705	50
		17750	50
		17885	100

I=No. Europe - II=Mediterranean - III=No. America -
 IV=Caribbean - V=So. America - VI=No. Ce. and S.
 America.

English	Area	kHz	Guarani	Area	kHz
2010-2140	I	17885	2200-2300	V	
2050-2150	VI	11865	Quechua	1000-1050	V
		17750	2200-2300	V	
		9685	Portuguese	0730-0830	II
0100-0450	VI	11725	0900-1000	V	
0100-0600	VI	11760	2300-2400	V	
0330-0600	VI	9525	Arabic	2040-2140	II
0630-0800	III				
French					
0830-0930	II	15230	Spanish	0630-1730	
1700-1840	II	15340	0930-1045		
		17885	1840-2045		
2000-2010	I	11760			
2030	III	6060			

FM/C



NO COLLECT CALLS ON THESE ADS, PLEASE.

FOR SALE: FRENEX back issues from January 1973 to December 1979 in very good condition and complete. Price \$60.00. SPEEDX back issues from December 1972 to November 1975 in same condition. Price \$20.00. John C. Herkimer, 3233 East Avenue, Caledonia, NY 14423.

FOR SALE: Radio West Ferrite Bar antenna (22 inch bar) with MW, SW and LW coils. Excellent condition. Price \$127.50 via UPS. ALSO: Autek QF-1 filter in excellent condition. Price \$27.50 via UPS. Jim Uerlings, 3908 Kelley Drive, Klamath Falls, OR 97601. Phone (503) 884-7659 after 0130 GMT.

FOR SALE: Palomar P-305 Pre-amp in good condition, \$50.00. Bearcat 20/20 VHF/UHF HILO 40 channel programmable scanner in excellent condition, \$250.00. Realistic DX-160, \$75.00. Realistic DX-302, \$210.00. I would also like to hear from NASWA members who own the Drake SPR-4 receiver and I would like to correspond with any NASWA members who live in Arizona. Gabriel Grijalva, 3834 West Latham, Phoenix, AZ 85009. Phone (602) 233-0374.

WANTED: Allied SX-190 service manual with schematic covering alignment procedures. Jerry Johnston, 3336 Carriage Lane, Lexington, KY 40502. Phone (606) 272-4413.

FOR SALE: Hammarlund HQ-180A receiver in good condition with speaker and operating manual, price \$310.00. ALSO: Datong AD-170 Active Antenna, 200 kHz to 30 MHz, price \$50.00. Richard Kawa, 3296 Abbott Road, Orchard Park, NY 14127.

FOR SALE: Hammarlund SP-600JX. All in one piece but needs work. Manual included. Price \$75.00, pick-up only. Bob Hughes, 2302 Briargrove Court, Richmond, VA 23233.

WANTED TO BUY: I would like to buy the following communications receivers in good operating condition and without flaws: Hammarlund HQ-180AX. This receiver has an 11-position crystal selector switch assembly installed in place of the usual clock-timer.

Yaesu FR-101 (D). I would like this receiver with the digital frequency readout.

Hammarlund HQ-215 or HQ-225 crystal-controlled solid state receiver. David McLaren, R.R. #2, County Line Road, Rock Falls, IL 61071. Phone (815) 626-5443.

FOR SALE: Allied SX-190 from last run. Crystals for 3.5, 4.6, 5.7, 7.0, 11.5, 14.0, 17.5, 21.4, 27.0. Appearance as new, performance near original. Unmodified. Never a service problem. Price \$175.00 with manual and factory carton, prepaid in U.S. Contact Hadley D. Cress, P.O. Box 481, Harrisonburg, VA 22801. Phone (703) 433-2263.

FOR SALE: Package deal! SP-600JX in nice wood cabinet. Good condition with manual, spare tubes, fuses, lamps, plus AMECO PLC-P preselector, plus Gilfer M-1 tuner, plus LAB-1 frequency calibrator and I will throw in a 4-inch speaker and co-ax patch cords for the preselector and antenna tuner. Price: all for \$200.00 but pick-up only in Fremont, CA. ALSO: SONY ICF-6700W in fair shape but with sticky bandswitch. Price \$200.00 plus UPS shipping. Bill Flynn 4425 Bidwell Drive, #4205, Fremont, CA. Phone (415) 656-8675 after 0200 GMT.

FOR SALE: Yaesu FRG-7 (mint) with Gilfer modification kit, price \$280.00. Yaesu FRA-7700 active antenna (mint), price \$50.00. Realistic TRF-655 (modified with "Transfilters" and aligned, price \$50.00. Sony ICF-6500W (mint), price \$135.00. WRTH for 1978 and 1980, price \$5.00 each. I will pay shipping. Will also consider trade for excellent SPR-4. James Vernon, 315 N. Associated #1406, Brea, CA 92621. Phone (714) 671-0270 after 10:00 pm Pacific time.

FOR SALE: R-1000 and SP-100 speaker, price \$350.00. FRG-7700 and FRT-7700 antenna tuner, price \$425.00. Both in new condition with manuals and original cartons. John Williams, 3216 West 85th Street, Bloomington, MN 55431. Phone (612) 831-2760 after 2100.

NO COLLECT CALLS ON THESE ADS, PLEASE.

ADS ARE PRINTED IN FRENEX WHEN SPACE PERMITS AT NO COST TO NASWA MEMBERS. PLEASE BE SURE THAT ALL DETAILS ARE INCLUDED AND TRY TO KEEP THE AD SHORT AND LEGIBLE.

NASWA

HEADQUARTERS REPORT

NORTH AMERICAN SHORT WAVE ASSOCIATION

45 WILDFLOWER ROAD, LEVITTOWN, PA. 19057

SEVENTH ANNUAL NEW ENGLAND AREA DXERS' OUTING

Time again for Sam Barto's New England Area DXers' Outing. This one is scheduled for September 17, 18, and 19 with the party on Friday, the Banquet on Saturday, and the main outing on Sunday. Try to make at least one of these, you'll have a fine time. For details write to Sam Barto, 460 Emmett Street, Apartment B-19, Bristol, CT 06010.

CENTRAL MARYLAND DXERS ASSOCIATION

Donald E. Stidwell reports that the Central Maryland DXers Association has just been formed and is actively seeking members from the following areas of Maryland: Baltimore City, Baltimore County, Howard County, and Anne Arundel County. The main area of interest is the HF Broadcast Bands from 3-30 MHz, but the association also seeks Utility and MW DXers as well. Donald writes, "We intend to be an active club with regular meetings, a bulletin, and exchange of information and DX tips. Anyone in Central Maryland who desires to join us in this endeavour is invited to contact any one of the following members. Donald Stidwell (North and Northwest) 358-6406; Anthony Kobyski (South and Central) 563-0039; Thomas Yingling (East and Northeast) 282-5649."

MIAMI VALLEY DX CLUB CONVENTION

The Miami Valley DX Club of Columbus, OH is sponsoring an All-Wave Convention to be held on August 21-22, 1982. The Convention is open to all communications enthusiasts regardless of club affiliations. It will be held in Angola, IN and is accessible to most people living in the Midwest. Details regarding the Convention and the programs to be held can be obtained by sending a SASE to Miami Valley DX Club, c/o David Hammer, 4666 Larkhall Lane, Columbus, OH 43229.

THE PNBC DX CLUB

Phil Bytheway, 9722 Mary N.W., Seattle, WA 98117 announces the formation of the Pacific Northwest, British Columbia DX Club which is open to everyone in that area who is interested in reception and DXing of all radio bands and TV. At present membership "dues" are four legal size (#10) SASE's for U.S. participants and four self-addressed envelopes of the same size and one Canadian dollar for Canadian members. Phil will buy the stamps for the Canadian mailing. For further details, please write to Phil at the above address.

GALAXY ELECTRONICS CATALOG

Robert A. Leary, President of Galaxy Electronics, writes that a copy of the new Summer Sale Catalog is available free upon request. Write to Galaxy Electronics, Box 1202, 67 Eber Avenue, Akron, OH 44309 or call (216) 376-2402.

POPULAR COMMUNICATIONS

The first issue of Popular Communications, the new magazine for Scanner, Short Wave and Survival Communications enthusiasts, is due at your newsstand on August 20. A special discount subscription rate of \$11.00 for one year (12 issues) is available from Popular Communications, 76 North Broadway, Hicksville, NY 11801. This "CQ" publication will contain Short Wave information by NASWA member Gerry Dexter, a Free Radio column by Al Muick, and a SW Utility section by Harry Helms. Check it out on August 20.

ASSOCIATION OF DX REPORTERS

A new bulletin called the "DX Reporter" is being published by the Association of DX Reporters. The bulletin has the same format as the recently discontinued Newark News Radio Club bulletin and is intended to replace that publication. More information can be obtained from the Association of DX Reporters, 7237 Fairbrook Road, Baltimore, MD 21207. The sample copy price isn't available here but I would imagine that \$1.00 should do it.

OK CORRAL, REVISTED

The following information was received from Christopher Bille, Escondido, CA:

On Labor Day weekend - 4-6 September 1982 - the famous OK Corral in Tombstone, Cochise County AZ (where the Earp brothers and Doc Holliday shot it out with the Clanton brothers) will be the site of Special Event Station KC7MG. This will be in conjunction with the First Annual Rendezvous of Gunfighters. Operations will begin at 1500Z, 4 September and continue through 2400Z, 6 September on SSB and CW. SSB frequencies are 28680, 21380, 14280 and 7280 kHz. CW frequencies are 21130 and 7130 kHz.

A certificate will be awarded to all who work us as well as SWL's. Please send a large 8 1/2 x 11" SASE with 40¢ postage to KC7MG, P.O. Box 1555, Benson, AZ 85602.

Chris writes that this information comes from the August 1982 issue of "Radio World", an amateur radio publication with a newspaper format. The SWL Certificate will be nice to try for during the Labor Day holidays. Thanks, Chris.

INFORMATION WANTED

This may seem like a strange request, but the information is needed. Does anyone know of any State Prison System in the United States that allows short wave radios to be used by the inmates? If you can supply any information at all on this, please write to John Kapinos, 86 South Quinsigamond Avenue, Shrewsbury, MA 01545. Your help will be appreciated.

ILG RATES GO UP

According to information received from Rob Harrington, the North American representative for the International Listening Guide, changes in the Deutsche Mark rate have forced a rise in ILG prices. A sample copy in the U.S. or Canada in U.S. dollars is \$1.50 cash, check or money order. In Canadian dollars the price is \$2.00 cash and \$2.25 using a check or money order. Subscriptions starting with the November 1982 issue are \$4.90 in U.S. dollars (cash, check or money order) and \$6.00 in Canadian dollars cash and \$6.25 with a check or money order. Worldwide subscriptions can also be sent to Rob at the rate of \$6.00 in U.S. dollars. The address is Rob Harrington, International Listening Guide, P.O. Box 3434, Littleton, CO 80161, U.S.A.

GUIDE TO ENGLISH SHORTWAVE PROGRAMS

These computerized schedules of shortwave programs in English are published six times a year, in January, March, May, July, September and November. A sample copy may be obtained for \$2.50 in U.S. dollars. A subscription is available for US\$12.00 for the six issues. Available in North America only. Make check or money order payable to 'DAN FERGUSON' and order from Dan Ferguson, P.O. Box 8452, South Charleston, WV 25303.

USSR HIGH FREQUENCY BROADCAST NEWSLETTER

If you are interested in DXing or QSLing the many Soviet Union transmitter sites, you should subscribe to "UHN", the USSR High Frequency Broadcast Newsletter published by Roger Legge, Box 232, McLean, VA 22101. The newsletter covers not only all the SSR locations, but also the different language transmissions and the World Service broadcasts. "UHN" is published eight times a year and the price is \$3.00 in North America and \$4.00 overseas. Please write to Roger for more information.

CLANDESTINE DIRECTORY AVAILABLE

Just issued! "1982 Directory of Clandestine Stations and Programs". A 7-page listing of all known clandestines in operation with frequencies and addresses when known. The price is \$3.00 cash, check, or money order. No stamps or IRC's. Supply is limited. Write to Gerry L. Dexter, RR 4, Box 80-D, Lake Geneva, WI 53147.

FREE STUFF (FOR POSTAGE)!!

I have a few copies (different issues) of the German commercial radio magazine "FUNK" which I will send out on a first come, first served basis to NASWA members who send 50¢ postage to help with the mailing costs. "FUNK" is not a club bulletin, but a slick paper magazine covering all aspects of radio and TV. It is completely in the German language, so unless you understand or are studying German, it won't do you too much good. Send 50¢ in coin or stamps to NASWA, 45 Wildflower Road, Levittown, PA 19057. This is a promotional offer.

Shortwave

GERENTE: CHRIS HANSEN; 2825 Webb Av., #5F; Bronx, NY 10468

TELEPHONE: (212) 549-6613 2230-0330 GMT Weekdays, 24h weekends

Center



AUGUST, 1982

Should be an interesting column this month -- Charlie L. has checked in again with his usual -- Ed Insinger has submitted a review of the SONY ICF-6800-W -- Bill Taylor has compiled the definitive list of Hammarlund receivers from 1925 to the bitter end in the '60s. -- Ed Shaw on power -- so let's go!

SWC REVIEW: SONY ICF-6800W

by Ed Insinger, WDX2RVO

INTRODUCTION -- Considerable interest has been brewing lately over the introduction of the Sony ICF-6800W receiver. Earlier versions were not readily available in the U.S. and cost was prohibitive. Now a new version is available for sale and contains many features certain to please the serious SWL.

In recent weeks, I have come in contact with fellow hobbyists who have purchased the 6800, and felt my thought and observations were worth sharing with FRENEX readers at large -- especially those considering the purchase of a new receiver with good performance at a reasonable price (when discounted).

GENERAL OBSERVATIONS -- As with any new or used receiver, it is always helpful to carefully read the operating manual before using the set, despite the natural tendency to begin "knob twiddling" as soon as the carton has been opened. Fortunately, the U.S. version of the 6800 comes with easy to follow instructions -- in English.

After tuning up and down the SW spectrum, I came across many favorable design qualities. The main tuning knob was free of backlash. The front panel layout is well-designed, with knobs clustered in proper location to match their frequency of use. The two front feet adjust to tilt the unit as desired, or level it when placed on an uneven surface. The AC-line cord doesn't have the bulky external power supply found on similar portables, and performance using the required six D-cells was equal to AC -- a welcomed feature. The LED readout can also be turned off to reduce battery drain, and the panel lights fade out after 20 seconds to further aid battery life. The batteries are cleverly covered and held in place by a battery-clip, all placed under a lift-up map and SW spectrum chart. The audio quality is very good and the S-meter has common-sense calibration marks along with sensitive response to signal strength. The built-in whip antenna is rugged and very effective along the entire SW spectrum. A most pleasant feature found on the 6800 is the accurate and sensible match-up of digital readout and drum dial. Careful tuning of the drum dial, enhanced by a thumbwheel scale adjust, is accurate to ± 2 kHz, with the frequency display off. Thus, the user can turn the frequency display off, take the unit outdoors or away from AC power and using internal batteries, enjoy many hours of SWling. Best results can be obtained by using alkaline batteries, which can often be found at local drug stores and supermarkets at a discounted price. An added bonus found on the front panel of the 6800 is a memo-light, which can be used for nighttime jotting down of notes and program details.

I found one feature bothersome. The 6800 "features" repeated overloading on strong signals such as the VOA, RCI, and AFRTS, all of which I happen to listen to regularly. The RF-attenuator on the rear of the receiver helps reduce this condition, but only functions when an external antenna is used. Another feature which needs improvement is the WIDE mode filter chosen by Sony; more on this later.

One other feature, though less important, is worth considering here. The carrying handles on the 6800 are rather unique in a negative way -- since they are two different shapes, one must be careful to use only the left-side handle for lifting the unit. The right side handle is not designed for placing a hand through it. There are, inexplicably, protruding tabs on the handles; they serve no purpose, since the 6800 does not come with carrying straps.

THE THREE IMPORTANT S'es -- The 6800 fares very well when one considers its performance in terms of the three S'es -- sensitivity, selectivity, stability.

Sensitivity -- very good along the entire SW spectrum, even with the built-in whip, but nicely enhanced by an outdoor aerial when pure DX appears on those challenging tropical bands.

Selectivity -- excellent on AM NARROW, with the added bonus of being capable of "off-tuning" up or down 2 kHz to further improve signal quality. However, the AM WIDE filter is far too wide to be useful for shortwave listening. It is listed at 9 kHz @ -6 dB and 18.5 kHz @ -60 dB, more than double the narrow mode values.

Stability -- excellent, drift-free performance on AM, where I listen 90% of the time.

RECEIVER RUGGEDNESS - The 6800 looks a little too delicate for rough use and handling. The main tuning dial cannot take any unnecessary bumps or kicks, as may occur in portable use. The unit was built for sensible and careful handling, despite being capable of portable use.

CONCLUSIONS -- The ICF-6800W is a good-quality SW receiver capable of satisfying the listener concerned with cost versus performance. Dollar for dollar, this receiver is a wise choice for the serious SWL with leanings toward portability.

According to Mr. Min Ito of Sony Corporation, the 6800 is officially listed as a table model receiver. However, one soon learns that its portable performance makes it equally well-suited for "away-from-the-shack" DX use. Thus, it is possible to choose the 6800 as a main tabletop receiver, capable of meeting the discriminating needs of the SWL/DXer.

The 6800 can be purchased at discount electronics dealers for under \$500. However, it is important to the prospective buyer to be sure the receiver he or she chooses is the version designed for U.S. use. Ask the salesperson to show you the warranty card, owner's manual, and receiver. The U.S. version of the 6800 is listed by Underwriters Laboratories, and contains a small circular sticker on the back panel. Such safeguards are important to the buyer seeking product warranty, safety, and related useful operating information.

N.B. - Special thanks to Editor Stu Klein and shortwave expert Larry Magne, for their interest that made this article possible.

THE LOUDENBOOMER REPORT -- RUNNING INTERFERENCE

As DXers, we've all been bothered by man-made interference -- QRM. I feel that the type of QRM we DXers hate most is not the type that buzzes, or the type that booms -- it's the type that we can't track to its source. Uncontrollable, seemingly sourceless QRM has driven more people to the cashew farm than any other DX dilemma. I have to confess that I, Charlie Loudenboomer, have fallen a victim to this dreaded obsession.

Ever since my return to the old manse, I had the urge to wrest back my title as the best-listened SWL in East Jabip from whoever had it now. I didn't foresee a long struggle, as to my knowledge I am the only DXer in East Jabip. My neighbors think I'm a ham, and I don't want to disabuse them of that notion.

I dug the Hammacrafters out of the linen closet, set up a longwire in the back forty, and began to tune, searching for my second-favorite station, the VOA. My favorite station is WNYW Worldwide. Remind me sometime to write about my term as Chairman of the WNYW Fan Club.

I settled back to listen to Willis Conover introducing jazz numbers (I love "Stardust"). Suddenly the signal was blotted out by the wailing of a thousand starving queen bees on the maiden flight -- the transmission was covered by the whirring of thousands of locust-wings -- "Take the A-Train" was suddenly replaced by the roar of a myriad of buzz-saws. Yes, you guessed it. I fell victim to the worst QRM I had ever experienced.

'Keep calm, Chuck!' I muttered, as I feverishly tuned the band, unsuccessfully as it turned out, for a quiet spot, 'You're not the first person to be "QRMed" out of the hobby.' I was about to get Mrs. L. to call the 7 Santinis (or is it the Wallendas -- I always get them mixed up), when the thought struck me -- why not direction-find the offending appliance and perform a little corrective operation (with a sledgehammer)?

I took out the old field-strength meter and set out triangulating the signal. I packed a box lunch and went to two cities 100 miles apart, got the directions fixed, and took the data home to my son, Charlie Jr. I failed trig in my sophomore year in high school, and I figured Charlie Jr., with his new computer, could do the trig. He'd had the computer for about a week now, and he was amazing the entire Loudenboomer family with his grasp of higher functions (he played tic-tac-toe with it, and it was winning consistently).

THE LOUDENBOOMER REPORT (CONTINUED)

I went into Charlie's room and handed him the data, explained what direction-finding entailed, and left him to it. He returned an hour later with the answer, but admitted that he was puzzled. "I did it three times and it always came up with the same answer. The QRM is in our house."

Since I pride myself on a QRM-free environment the envy of many DXers, I told young Charlie to quit fooling with those damn computers and take up a fulfilling, simple, relaxing hobby like his dad's. To avoid controversy, I cut the cord to the computer and rendered it "down". Young Charlie, chip off the old block that he is, immediately threw a tantrum.

I strode back into the shack and turned on the rig just to confirm that the QRM was still there. To my amazement, the bands were entirely clean! I don't tempt fate, however; I'm moving to a mountain ten miles from the nearest power line. (The divorce becomes final next week).

As I settled back to listen to SWL Digest, I picked up the direction-finding data and tried working them with my limited knowledge of trig. I just can't understand it, though -- every time I do it it still comes out right over the house. Ah, well, better not to pry further into the mysteries of interference. If it returns, though, I'm ready for it -- I polished up the sledgehammer.

AN SWC EXTRA -- USING YOUR AUDIO FILTER Your humble scribe has a QF-1 audio filter which works quite well and is ever-ready to null out those pesky hats. Several years ago, however, I discovered a more sensible method of using an audio filter. The instructions, other DXers, and materials referred to all said that the filter ought to be connected to the receiver. Being a curious sort, however, I tried running the output of my tape recorder through the audio filter and, of course, it worked just as well.

I now never use the audio filter on my receiver (an R-390-A, for those interested). I tape whatever I am hearing at the widest practicable bandwidth with the noise limiter off or at its lowest setting. I now have a wide spectrum of audio signals which I can null or peak or notch. All without forever losing that crucial ID -- because I was tuning the filter. So, disconnect your audio filter from your receiver and connect it to your tape recorder for spectacular performance without losing so much as a kiloHertz of audio information to Murphy's Law.

THE PERDUE SLOPER

*
a directive singlewire antenna
by Neil A. Perdue

Would you like to have directivity to a particular area of the world with just a quarter-wave length of wire? The Perdue Sloper will give it to you.

For many years it has been the general conception that a singlewire antenna, to give any observable directivity, needed to be at least 3 wavelength long. This was true, assuming that the wire was in a horizontal plane in relation to the ground.

In hobby use, the sloper first found recognition as a directive antenna by a small group of dedicated 80-meter ham DXers, those who were lucky enough to have the room and the high supports needed to string very long slopers needed to work this low band. Then, a few years ago, 40-meter hams started doing some experimenting with 3/2 and 1/2-wave DIPOLE Slopers. The high end would generally be 50-60 feet up and the low end would be as low as 10 feet above ground, using a slope angle of 30-45 degrees. This was simply a dipole, with one end close to ground. When constructed in this manner, it became essentially unidirectional off the low end, rather than bi-directional at right angles to the plane of the wire as in the case of the standard dipole. Experimenters claimed that directivity in the favored direction was superior to that of a horizontal dipole. The 3/2-wave design gave a bit more gain than did the 1/2-wave model. Then, later experiments included models in which only one 3/4- or 1/2-wave section (half of the antenna) sloped, with the coax connector at the top of the grounded tower, and the other half of the antenna was the ground-image, supplied by the connection to the tower, and hence to ground. ALL of these designs were considered to be superior to the basic dipole in terms of unidirectional directivity for transmitting AND receiving. So, with that background, the case for directivity had been established.

One can visualize that with this type of antenna requiring a coax downlead to the shack, placement of the shack and the supports is critical unless one wishes to run a lot of expensive coax with the inherent signal loss. The placement of the various elements here was prohibitive for the types of slopers described, and I had other reasons for wishing

(THIS ARTICLE WILL BE CONCLUDED ON THE SECOND PAGE OF "VINTAGE VIGNETTES. CH)

IT SOUNDS TO ME!

There are close to 1,000,000 shortwave listeners in the United States, according to a poll taken several years ago. There are not 1,000,000 members of NASWA. Let's examine this phenomenon.

People listen to shortwave for the following reasons:

- (1) Ethnic considerations. They often want to find out what is going on in the country from which they or their ancestors came. I believe this is the most important reason.
- (2) Information considerations. Many people feel, whether justifiedly or not, that their access to news and information is circumscribed by the U.S. media. Some of these people turn to shortwave as an alternative news/information medium.
- (3) Adventure considerations. These people are your "mountain climbers" of radio. They comprise most of the DXer population, and are the smallest group.
- (4) Miscellaneous considerations. This group is made up of amateur radio operators straying from their bands, people who have multi-band radios and occasionally tune the "SW1" band to see what's up there, and all "other" listeners (including those with crick fillings and the like, hi!)

The above categories are my reading of the division of SWLs. Anyone who wishes to may take exception to or amplify them.

If we, for the moment, assume that my divisions are sufficient for a working hypothesis, we can see immediately that the members of group 1 are bound to be only slightly interested, if at all, in a shortwave organization such as NASWA. If we leave out group 4, we are left with the DXers, many of whom are already members, and the SWLs, who make up most of group 2.

We have a population of at least 1,000,000 potential active hobbyists in the United States, but only 5,000-7,000 active hobbyists. It sounds to me as if we need an active publicity arm of the hobby to bring our story to those potential hobbyists. After all, we enjoy our hobby -- why do we hide our light under a bushel?

Let's take the example of Mensa, the international high-IQ society. Twenty years ago, there were only 20 members in the United States, while there were several thousands overseas (mostly in Britain). Today there are more than 42,000 members in the United States alone, and U.S. membership makes up the bulk of worldwide membership. Why has there been this jump in the last 20 years? Public relations, that's why!

Had the organized hobby in the United States used public relations techniques twenty years ago, there might now be more SWLs and DXers than there actually are now.

We are therefore left with two questions, which I throw out at you for your consideration and comments in the months to come.

- (1) What kinds of public relations techniques could be profitably and systematically used to increase the number of active hobbyists in the United States?
- (2) Do we want more active hobbyists?

I am sure that there are PR people in the hobby and in NASWA who could give us some hints on effective PR. I also know that there are people out there who have done their part in bringing the word to the unconverted about shortwave listening.

In addition, it goes without saying that there are people out there who don't feel that an expansion of the hobby would be to our profit. I welcome their comments, as well as comments from those who are of the opinion that a wider awareness of shortwave would be to the benefit of the hobby as well as society as a whole. That's how it sounds to me, now how does it sound to you? Send your letters to Chris Hansen at the address on page 1 of SWC. Don't hide your light under a bushel!



A FRENEX classic



RADIO STATION WCC

by George Schnabel

(The following is a NASWA/FRENEX Classic, first published in the May, 1974 edition of FRENEX)

On the eroding Cape Cod seashore near Wellfleet stands the crumbling remains of the first transatlantic wireless station.

In January 1901, Guglielmo Marconi explored Cape Cod and settled on this site near Wellfleet, Massachusetts, where the Cape narrows to just slightly over a mile. Here are high bluffs, unobstructed sea, and supplies which could be landed from ships on the bay side and hauled only a short distance overland to the site.

After delays and disasters in February 1902, work commenced on the construction of four 250-foot timber towers, solidly anchored on concrete bases. At the heart of the rig was a three-foot whirling spark-gap rotor, a spinning disc with 240 metal studs that discharged their sparks across a stationary gap 240 times a second, producing a nearly continuous wave source. It provided 2200 volts that were then stepped up to 25,000 volts by a huge Tesla transformer. The circuit was designed to produce a wavelength in the range of 1500 to 1800 meters with around 30 kW of power. Until the tuner could be perfected, the broadcast frequency had a tendency to wander, causing interference with other transmitters. When the station first went on the air, a perspiring operator working a huge key called a 'pump handle' could send at the rate of seventeen words per minute.

By December 1902, the station was ready for operation. On January 15th, Marconi arrived carrying a message in his pocket that was intended to be transmitted to a relay station at Glace Bay, Newfoundland, and from there retransmitted to the receiving station at Poldhu, Cornwall, England. On January 18, 1903, the message was consigned to the ether. To everyone's immense elation, confirmation came back that the message had been picked up directly at Poldhu in England. For the first time the United States had been linked with England by wireless.

The station settled down to transmitting news and private messages to ships at sea. News was received by direct telegraph line from the New York Times via South Wellfleet and thence by sand-dune line to the station. There the words were transferred to tape, hand-carried down to the operator's room, and sent out by automatic apparatus from 10 PM to 2 AM EST. Private messages could be sent for 50¢ a word.

The Marconi spark-gap transmitter operated successfully until 1917 when three unrelated factors resulted in dismantling the equipment in about 1920:

- Censorship imposed by World War I,
- Erosion of the sea bank endangering the two outermost towers, and
- Lee DeForest's invention of the vacuum tube, which made spark-gap transmission obsolete.

In 1921 the towers were cut down, the machinery scrapped, and the building left abandoned.

All that's left today are remains of the transmitter house base, part of the corridor that connected the transmitter with the power house, and two tower bases. Two other tower bases are now down on the beach, 100 feet below, where storms and wind may occasionally remove the sand covering them.

NEEDED FOR SWC: What would your favorite FRENEX Classic be? Tell me and I'll consider reprinting it. Also needed: ideas for interviews, and especially your articles. We also might revive FRENEX Portraits (member biogs and pix) if demand and supply appear.

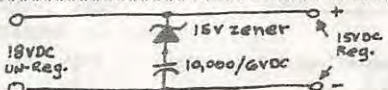
than is available here to explain. The smaller capacitor is also a ripple filter, but does it in a trickier way. Each transistor has a merit called Beta or gain. Multiplying this gain times the value of the smaller capacitor will yield a larger ripple-smoothing capacitance value to further aid the large capacitor. The higher the cap value, the smoother will be the output. Finally, the resistor is to allow the caps to drain very quickly after the power is shut off. The (M) in the schematic is where to install a panel meter if desired. I heartily recommend this as a permanent add-on.

How To Use It: Observe polarity! Positive (+) terminals should be marked on every appliance. Wire terminal leads are usually red for positive and black for negative. For safety's sake, make some effort to determine which is which before attaching to any appliance. Don't use more voltage than is necessary - it could burn out your equipment. Keep your voltage output on zero when you first hook up, then turn up the control to what is needed by using your VOM or panel meter. Do not leave your power supply turned on for more than a few minutes if you are not using the output. The Base and Collector junction of your transistor is always absorbing the output of the bridge rectifier. It will get hot rather quickly if not being used.

Further Tutoring is available with correspondence. Write down your question or problem and include a postage stamp for reply.

One Last Observation: Note that when you turn on your appliance, the supply voltage will drop and possibly fluctuate according to power drawn (like varying loudness of music, etc.) This is normal. Merely turn up the voltage control to compensate. Don't forget to turn it back down, though, when you start again.

* **ZENER DIODES:** Mini-magicians, many uses.



Most hobbyists will understand that diodes permit current to flow only in one direction. Zeners act much the same, except they also will let current pass in the other direction above a certain voltage. Zeners come in all sorts of different breakover voltages. At right is a diagram showing one unusual use for zeners not known by many. Be sure to use diodes of adequate current rating to cover your use.

Here a zener is used as a ripple filter permitting use of an "under voltage" capacitor. In this example a 15V supply is able to use a 6V cap without arcing since only 3 or 4 volts is going thru the cap. Yet, the output has the benefit of the large cap value for filtering out the ripple.

* **FADING:** Kinds and Causes

Several persons have asked about problems they experience with fading. It is asked about often enough that perhaps some explanation should be presented. I published a short and concise treatise about ten years ago that still may be serviceable. Here are the main kinds

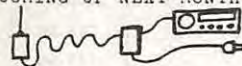
INTERFERENCE- Caused by multiple signals received from the same source, but out of phase. This is to say that part of the heard signal was reflected off a high ionospheric layer, and part reflected off a lower layer, resulting in reception of the two segments at slightly different times. It may sound like a rapidly pulsating signal.

SKIP - A normal degeneration of signal during the transition from night to day due to dissipation of the reflective ionospheric layers.

POLAR FLUTTER- Is heard as signals pass over the pole through the Aurora Borealis curtain. This type is most noticeable during winter.

ABSORPTION - Similar to skip fading, but may occur anytime at night as well when the ionosphere is too 'soft' in spots to reflect the signal consistently. This results in sometimes rather abrupt fade out, occurring at random. There are other types of fades, but these are the most common occurring.

COMING UP NEXT MONTH - How To Build An Active Antenna. This unit is similar to the ones you see advertised by all the various suppliers. It's a three-foot whip up on your roof or extended out of your 12th floor apartment window on a broom handle.





VINTAGE VIGNETTES



WDX3UPA Bill Taylor, Box 132, Unionville, PA 19375

One of the greatest responses to this column occurred following my list of the Hallicrafters line. As such, I felt it to be appropriate to dig into the archives and locate a bit of information on another prolific line of amateur gear. Herein will be found a vast amount of trivialities dealing with the product line of a radio parts manufacturer named HAMMARLUND. While the Hallicrafters list was a permission-reprint from the Antique Wireless Association, I am deeply indebted to Morgan McMahon's Radio Collector's Guide, many old "QST" magazines, and the March, 1963 issue of "73" Magazine. In the months to come, you'll find other similar lists for National, Collins, and other radio companies.

Good luck, good hunting, and best of DX.

NAME OF MODEL	DATE	DESCRIPTION	SUGGESTED RETAIL PRICE
HAMMARLUND-ROBERTS, INC.			
Hammarlund-Roberts (kit)	1925	5-tube, TRF, battery set, BCB	\$ 60.85
Hi-Q (kit)	1926	5-tube, TRF, battery set, BCB	N/A ←
Hi-Q Six (kit)	1927	6-tube, TRF-screengrid, battery set, BCB	N/A
Hi-Q-29 Junior	1928	6-tube, TRF-screengrid, battery set, BCB	54.35
Hi-Q-29 Junior	1928	7-tube, AC model, BCB	103.95
Hi-Q-29 Master	1928	5-tube, TRF-screengrid, battery set, BCB	99.50
Hi-Q-29 Master	1928	6-tube, AC model, BCB	151.80
Hi-Q-30	1930	Pretuned TRF, 7-tube battery/110 VDC 8-tube AC model	N/A
HAMMARLUND MANUFACTURING COMPANY			
Hi-Q-31 Hampton	1931	8-tube, TRF-screengrid, console, BCB	N/A
Hi-Q-31 Chalet	1931	Radio-Phone model	
Hi-Q-31	1931	Desk-type floor model	
Comet Pro	1932	8-tube, chest-type, BCB, super	160.40
Comet All Wave	1932	8-tube, console, BCB/SW, Super, 14-200m	175.00
Super-Pro	1936	14-tube, 1.16-20 MC, 10" spkr	405.00
		w/ xtal	435.00
Super-Pro 110, 110X	1937	Several LW/SW options and 12" spkr	430.00
Super-Pro 120, 120X	1937		w/ xtal
HQ-120	1938	12-tube .54-31 MC	N/A
Super-Pro SP-200	1940	16-tube 1.25-40 MC	N/A
HQ-120X1	1941	12-tube .54-31 MC	N/A
HQ-129X	1945	11-tube .54-31 MC	129.00
Super-Pro SP-400X	1946	18-tube .54-30 MC	350.00
Super-Pro SP-40X	1946	18-tube 1.25-40 MC	380.00
Super-Pro SP-600JX	1950	20-tube .54-54MC	1000.00
HQ-140X	1953	11-tube .54-31 MC	265.00
HQ-140XA	1955	11-tube .54-31 MC	270.00

HAMMARLUND MANUFACTURING MODEL LIST, (continued)

NAME OF MODEL	DATE	DESCRIPTION	SUGGESTED RETAIL PRICE
Pro-310	1955	12-tube .55-35.5 MC	\$ 595.00
HQ-150	1955	13-tube .54-31 MC in six bands	294.00
HQ-100	1956	10-tube .54-30 MC	189.00
HQ-145	1958	11-tube .54-30 MC	249.00
HQ-145C	1958	HQ-145 w/ chrono-timer	279.00
HQ-160	1958	13-tube .54-31 MC, 6 bands	379.00
HQ-170 & 170C	1958	17-tube 1.8-54 MC 7 ham bands only	359.00
HQ-110 & 110A	1958	12-tube 1.8-54 MC 7 ham bands only	249.00
HQ-180 & 180C	1960	18-tube .54-30, double-conv. to 7.8 MC, triple-conv. thereafter; 6 bands	429.00
HQ-145X	1961	HQ-145 xtal version	269.00

HAMMARLUND ACCESSORIES AND OPTIONS

S-100 speaker	15.00
S-200 speaker.....	20.00
KC-100 Crystal Calibrator.....	16.00
KC-100P Crystal Calibrator.....	16.00
Telechron Timer.....	10.00

Well, I hope you find this listing to be informative. Hammarlund made some of the finest ham gear and general coverage equipment on the market. I hope this list can help you in acquiring an old rig.

By the way, I recently purchased a 1936 Super-Pro. As the granddaddy of the Pro line, it is definitely collectible. Of special interest, though, is the band switch arrangement. The coils were placed on a movable tray, rather than using an electrical switching arrangement.

So much for now.

73's
Bill

THE PURDUE SLOPER, (CONTINUED FROM PAGE #3 OF SWC)

to come straight into the shack with the singlewire and run the coax only within the confines of the shack. I live out in the country and we keep several dogs around to let us know about any uninvited visitors at night. Unfortunately, these dogs would rather eat coax than dogfood, and have proved it several times. My idea was to use the basic concept of a sloping wire with the low end towards the desired reception area, but with a singlewire worked against ground in a groundplane configuration, with the low end of the singlewire in the shack and fed to the receiver via 50 ohm coax. This could be considered to be a tilted groundplane vertical antenna, for all practical purposes. To measure the effectiveness of the antenna, since no exotic measuring devices are available here, I decided to put two equal-length wires up at right angles, one favoring South America and the other favoring North Africa and Europe. Comparison of signals when switching antennas, and reading the S-meter on the receiver, would be the only means of measurement but would, as it turned out, be more than sufficient to prove the case of directivity of the sloper(s). A length of 90 feet for each of the two slopers was chosen because of the placement of available supports -- a 50-foot tree and a 50-foot pushup mast. The formula for figuring resonance of a 1/4-wave groundplane system is 234 divided by feet equaling frequency in MHz. The 90-foot slopers were resonant at 2.6 MHz -- and any frequency above that, for all practical purposes, with the use of a random wire tuner worked against ground. The SST T-1 Randomwire Tuner was chosen and properly grounded. The two slopers came into the shack at right angles and into a two-position switch, and then to the tuner. The tuner was then fed to the receiver via 50 ohms coax. Being of equal length and height, one position of the tuner's controls resonated both antennas simultaneously. This is important, for ease of operation. This arrangement would provide multiband use on any frequency from 2.6 MHz on up the dial. It should be noted

(THE PURDUE SLOPER WILL BE CONCLUDED ON THE LAST PAGE OF THIS MONTH'S SWC)

THE PURDUE SLOPER -- (CONCLUDED)

here that for singleband use, no tuner would be required if the wire were cut to resonance -- e.g., 48 feet or so for the 60-meter band. The single wire would be attached to the center conductor of a length of 50 ohm coax and the shield at that end would be grounded. The other end of the coax would be connected to the appropriate terminals on the receiver.

The strength and quality of reception from the desired area will improve compared to other wires of equal length. Typical gain over other simple antennas will be on the order of 1 to 3 S-units. Reception from the sides will be adequate for general listening, but a short random wire may well outperform the sloper from any direction other than that for which the sloper is pointed. Reception from the back (the high end) will generally be considerably diminished. The sloper is shorter, and hence much easier to keep up in the air than multi-wavelength directional wires. It requires only one tall support. If the low end is placed in the shack, the coax and switching connections can be made close to the operating position of the DXer. This is the ideal situation. Up to 4 slopers can be used this way, for versatility of directivity, but should be brought into the shack at right angles to minimize interaction. Construction notes: an insulator should be used, with a length of nylon rope, to attach the high end of the sloper to the high support. Antenna construction should be heavy-duty, if you want it to stay up. Insulated wire will last longer than bare wire. Some slack in the wire is permissible, and desirable. As with the erection of any antenna, common-sense safety precautions regarding nearby power lines should be observed.

*
THE "SURGE SHUNT" TRANSIENT ARRESTOR

submitted by Fred Osterman, made by RL Drake

It's that time of year again ... our old friend lightning is back to put crashing bolts of static through our headphones. Lightning makes low-frequency DXing unpleasant if not impossible, but there is an even more serious side to this menace. While lightning may give you a mere headache, it can blow the "brains" out of your receiver.

Some listeners feel that since their antenna is too low for a direct strike, that they need not worry about lightning. Folks, this is not the case! According to a recent article in CQ Magazine, damage to solid state receivers is one thousand times more likely to occur from nearby strikes or static buildup, rather than a direct hit. The state-of-the-art receivers that are in abundance now have FET "front ends" and extensive CMOS circuitry and are very sensitive to static charges. A technician I know who works on communications gear says that this stuff "blows" if you look at it wrong! That is an exaggeration, but not by much. Most of the components in this new gear can aptly be described as eight- or sixteen-legged fuses.

You say you already are using a lightning arrestor? If you were to break it open you would be surprised to find what is inside -- nothing. Most arrestors work on a gap principle. There is a small adjustable air gap between the inner conductor and the outer ground. Ideally, when a large voltage enters the antenna it will "jump" across the gap and go to ground. These arrestors provide adequate protection to tube radios, but afford almost no protection to solid state radios. The air-gap arrestors are too erratic and unpredictable, since the breakdown voltage cannot be accurately controlled with such a primitive device. To address this deficiency a new generation of protection devices has been developed. The Drake Company calls their new arrestors "SURGE SHUNTS." Now the gap is enclosed in a hermetically-sealed ceramic tube filled with a special gas of known breakdown characteristics and response time. Since the gap is sealed, the response time will not be affected by temperature, humidity, pressure, etc. This makes for more reliable and predictable protection for your valuable equipment. The SURGE SHUNT offers other benefits over a conventional arrestor. When a high voltage is detected it is sent directly to the attached ground wire, versus back into the ground of the receiving system. This isolated ground design is safer. The SURGE SHUNT can be installed at ANY convenient point in the coaxial feedline with very low insertion loss. For more information contact your Drake dealer or write "R.L. Drake Company, 540 Richard Street, Miamisburg, OH 45342".

Well, we're at the end of another SWC. I would appreciate it if all correspondence which requests or requires a reply be accompanied by return postage. In addition, I have found that it helps if those writing in re SWC would write "SWC" or "Shortwave Center" on their envelopes. This helps me separate NASWA/SWC things from SPEEDX/Western Hemisphere things. Manuscripts should be typed or printed legibly, double-spaced, signed please. It's your work, take pride in it. If I can't identify it when it's been separated from its envelope, chances are it won't be printed in these pages. Write if you get
work, and remember, No Good Deed Goes Unpunished! 73's de Chris
Chris Hansen #

Listeners NOTEBOOK

GLENN HAUSER
Box 6287
Knoxville, TN 37914



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K E Y Letters along left margin enable you to spot items in categories of interest: D = death, E = English, H = harmonic, J = jamming, L = program listening, M = mediumwave, F = future plans, Q = QSL info, S = stamps & postal, T = time jumps, V = television, X = DX programs

- ✓ **AFGHANISTAN** R Afgh AR svc hrd 1700-1730 18/6 on 15470; 21460 17320 11805 and but not confirmed; AR svc not traced on 15470 subsequent days; cf July LN-16, 11905 for Pashto/Dari 1730-1830 was wrong; should've been 11960 (WBI 24/6)
- ✓ **ALBANIA** "R Tirana now jammed by Russians"? (Cf July LN) 9JSW report in NNRC 2/78 says: "R Tirana tuned 1329 when about to begin listed RS xmsn. On came carrier, w/Tirana IS weakly hrd for about 30 secs, then jammers started zeroing in. Right at 1330, wham! -- the channel was a mass of garbage. The way the Albanians tend to time things, I'll wager that the Russians are there on time more often than Tirana." Fq was 15405, and date, dogmatically deleted by the NNRC SW editor, was 12/9/77 [9/12/77, I assume -gh]. As to the jamming of RT's CH xmsn none noted here or in Chicago on the 0500 xmsn since I have been sporadically checking it since early 1980 or so. At this QTH, I'd think J on 16230 & 14320'd be detectable if pursued with the predictable vigor, the 19 and 16mb being used effectively by China to the Am's at that time. Have less experience w/CH xmsns at 1100 & 1300 but I recall no J whenever I checked them. No J hrd 0500 8/7 16230 14320 10510: on 10510 RT inaudible too (David Newkirk, Seattle WA, 8/7) Albanian Radio-TV (R Tirana) DS in AB sked 0400-1930 on 5057 5020; one hr earlier in summer (WBI 15/7) So why not say 0300-1830, one hr later in winter? (gh)
- ✓ **ALGERIA** R Algiers, 21725, 2000-2030 29/5 EG nx & mx, 2029 ID, 2030 SP, E (Ron Hopkins, Ux-bridge DX-pedition, DX-Ontario) R Algiers hrd on longtime VOA-EG fq 9760 FR 1900, EG 2000 // LW 251 (Stefano Valianti, Italy, SCDX 22/6) On new 9600 at 0000 // 891 (Siegfried Heldt, W Germany, ibid.) See also Voice of Free Sahara, in CRANNY
- ✓ **ANGOLA** Em Reg do Zaire, Bassacoango on 4885 to 2200*, SW reactivated after probably several yrs. Em Reg do Lobito back on 7170.8 from 7192. Em Reg de Moçamedes well hrd on new 5013.7 ex-5990; was on 5015 yrs ago (Vashek Korinek, S Africa, via Finn Krone, AWR DSWCI DX 27/6) Em Provincial de Moçamedes obs 18/6 on 5014. Regionals in Benguela, Cuando-Cubango and Uige confirmed on 6155 4780 4849 resp (WBI 24/6) 7245 xmtv varies w/horrible buzz; 7130 varies to 6800. Saurimo dropped SW 4860 for MW 1241, hrd 1930 (Richard Gineby, RSA, NNMN 8/7) R Nacional G sig 20/6 2300+, not much chatter but plenty mx Af/PT type. W @ mike has good dialect easier to follow than Brazilians; 3 mins nx 2345; 2353 pgm notes for next day, mx, 2358 NA, 0001* (Charles Bolland, Lakewood FL) Fq? Probably 11955 or 9535 (gh)
- ✓ **ANTIGUA** DW 9735 ID *0600 then RBI IS once, then normal DW pgm; vy strange! 20/6 (Robert Chester, SA, ADXN) RBI via Antigua constituting new 'stn' for ARDXC purposes?? See also Venezuela (gh) DW 15105 at 0100 audio sounded like mistuned SSB, same as on 6040 (Jim Conrad, IA, 13/7) Double relay; at Antigua do they not know that they should relay DW-Germany fqs if at all possible in preference to Maltese relays? (gh)
- ✓ **ARGENTINA** BBC reported 17/6 that Arg had stopped jamming BBC SP xmsns to Lam (Rolf Lövström, J Norway) R Nacional w/new hi power xmtv on 6180 // eq1 lvl 6060 & 9690 13/6; 11710 had diff pgm of nonstop tangos til 1030 JP; 15345 inaudible (Terry Krueger, FL, DX S Florida) R El Mundo 9710 hrd again since 16/6 after R Atlantico del Sur closed [permanently]; 2330-0100 G. Was probably there all the time, making RAS impossible to hear in Argentina. No sign of RAE on 15345 or 6180 but 10/7 hrd weak Lam on 6179.2 from 1000 just below R Turismo (Ernie Behr, E Ont) RAE EG G 13/7 & 20/7 0100-0130, QRM just moderate. Rather boring pgm, nx and meaningless sports reports; 20/7 almost entertaining w/pgm on Lam mx, instruments; nothing anti-Britain hrd; offer to QSL (Kirk Allen, Ponca City OK) RAE wants cassette-taped reports; will return them w/Arg mx in compensation (Ricardo E Cresta, Argentina, RN Info-DX Apr) RAP X will begin DX pgm on Thurs, in SP, "Actualidad DX", other versions in EG, FR, IT, PT, JP (Juan Tacigalupo, Argentina, ibid) DX pgm and as Thu feature in EG; Wed has pgm on Falklands; no EG on Sun; EG half hours at 1930 2230 0100 0230 0430 on 15430 [sic--really?], ex-15345? 11710 9690 6180 6060. During recent solar disturbance when SAm's coming in well, RAE

was strongest on 11710 & 9690, weak 6060, others not hrd, at 0100 (Bruce Tindall, NC, RIB) RAE had GM instead of EG at 2200, GMT Tue but missing last 2 days; EG at 2230 as and since Mon (Rob Williams, Australia, 25/6) RAE acc'd that from 21/6, EG 2200-2230 retimed to 2230-2300; obs 21/6 of 11710 2200-0500 showed: 22 GM, 2230 EG, 23 GM, 2330 FR, 00 PT, 0030 SP, 01 EG, 0130 GM, 02 PT, 0230 EG, 03 SP, 0330 FR, 04 GM, 0430 EG; at 0500 DS R Nac is relayed on 11710 (WBI 24/6) DS in SP Suns 4/7 & 11/7 instead of GM 2200 & EG 2230, so assumed has resumed pre-war pattern of no ES on Suns (WBI 8/7 & 15/7) Printed sked dated 21/6 matches lang rotation as above; switches from Af/ME beam to Ams at 2230; nothing said about never on Sunday. Rest of sked: 1030 JP, 1100 EG, 1130 JP to FE. Ams 15 SP, 1530 EG, 16 SP, 1630 EG. Eu/ME svc: 17 SP, 1730 EG, 18 PT, 1830 SP, 19 AR, 1930 EG, 20 GM, 2030 SP, 21 FR, 2130 IT, 22 GM. Fq usage given as: 1500-2000 15345; 2000-0500 11710; 0000-0500 6060 6180 9690. [none given for 1030-1200 period...] (via Bob Gundersen, Northfield MN) 9690 E, 9710 G, 11710 E, SP talk on families 14/7 0005 [so you mean 9710 was // the others?] R El Mundo on 11755 14/7 0220 SP talk, not // RA 9690 then in PT (Richard E Wood, St Louis) M R Continental, Bs As, says sked on 6060 is irregularly 1100-0500 (WRTH-LA Jun) R Rivadavia hrd on LSB PTP relay 14403 at 2130 (Fabrizio Magrone, Italy, SCDX 8/6) Another stn feeding network w/ soccer is LR2 R Argentina (not to be confused w/the Intl Svc) on 6611 USB (Dante J Bedendo, Argentina, WWDXC DX Magazine June) R Rivadavia f/in on 5882 around 2300, peaks around 2400, drowned out by RCI 0100; several IDs hrd (Paul Musiak)

✓ AUSTRALIA R Australia EG G on 12290 USB 27/6 0800-1000 (Joel Rubin, CA) RA hrd testing to E Pac on 1775 ex-15115 0900-1030. By the way, Af is even lower priority than Nam at RA-- 1 1/2 h per day vs 4 (Joe Hanlon, PA, 23/6) As from 20/6 15115 ex-11775 at 0630-1030 (Telecom 14/6 via George Poppin, CA) RA Carnarvon on 21720 ex-21470, 0800-1100 EG As to avoid Helsinki & London QRM, I think. During Jun RA had tech problem w/one Shep xmtxr on PNG svc 9760 --also xmitting on 4880, now seems fixed; some thought it was new NBC PNG outlet! New H 21720 has RFE QRM (Bob Padula, ADXN) RA hrd on semiharmonic 4880, Pidgin 0920-1000+ 19/6, gone at 1115 recheck (Pat Fitzgerald, Bob Padula, Craig Seager, ADXN) As from S82, RA plans P to drop another Shepparton xmtxr; so they will not be able to devote full coverage to Commonwealth Games for 10 days in Oct, just 3-4 mins per hour on remaining fqs (Rob Williams, Australia) Could carry games only by shelving a large number of RA's other pgms; original plans for CG coverage drawn up in 1979 assumed old xmtxrs w'd be replaced by 1982. RA's Allen Hull says it's been known for 5 yrs or 6 that the xmtxrs would be out of replacement parts by 1982, but Telecom didn't get cabinet approval to replace them until 1981 (Melbourne Age 10/6 via Rob Williams) Contract recently signed w/Andrew Antennas of Melbourne for supply & installation of TCI-designed ants using 8 single-guyed masts supporting 7 radiating curtains and reflector screens fulfilling the Telecom Aus structural design requirements to withstand a windspeed of 63 m/s; contract worth A\$3.8 million; will take up more space, so RA will lose one of two existing log periodics at Cox Peninsula site nr Darwin when construction starts. Improved service will relieve present load on Shep, which is sked to rx up to 8 new xmtxrs before 1985, 100s & 50s. Further 250 will shortly be ordered for Carnarvon which serves SEAs & India, leaving 3 x 250 kW at Cox Pen for China. A proposal before Canberra now is for completely new SW stn to be built at Townsville [Qsld] improving RA coverage in Philippines and as far as Japan (Electronics News via Rob Williams, SCDXC) To be on air w/new Darwin ants by late '83 (ibid) RA reported 25/6 that ABC chmn had suggested re-introduction of TV & radio licence fees, which were abolished 9 yrs ago (WBI 1/7) RA reported 4/7 that fed govt had acc'd plans for future of ABC; Act of Parliament to establish Australian Bcing Corp (ex-Commission) w/own charter and new management, similar to BBC. 5/7 RA said fed govt'd set up hi-level policy comte on RA ES. The govt supported, RA should remain independent in pgming decisions; govt w'd also separate RA budget from rest of ABC, recognising strns separate needs and priorities (WBI 8/7)

✓ AUSTRIA R Austria [sic] overseas svc on 21735 ex-15225 for GM/FR/EG 0700-0800, 0800-0830, E 0830-0900 resp (WBI 22/7) Pleasing HCBJ which plans to resume 15225 882 0600-0730 (gh)

✓ BANGLADESH R Bang noted on 15280 EG 1230, F-G but J QRM; // 17800 not hrd (Robert Chester, E SA, RA JP DX 20/6) R Bang ES monitored as follows: 1230-1300 EG 15280, 1315-1345 NF 9618, 1400-1500 UD 15518 11943, 1600-1630 HD 15518 9618, 1645-1715 AR, 1715-1815 BG, 1815-1915 EG all on 15282. As for DS, 7220 also on at 0000-0305; 3240 1325-1800, cf earlier sked (WBI 8/7) Bengali 1715-1815 on 15281, nom 15285 (Victor Goonetilleke, Sri Lanka, ADXN July)

✓ BOLIVIA R Progreso, now active on 6006, 23/5 1005-1046 VP (Nakagawa, R Nuevo Mundo), 1050-1110 f 30/5, Aymara?, brief ID (Hirahara, RNM June) Maybe trying to zero-beat Costa Rica? which I find usually a couple hundred Hz below 6006 actually (gh) R Panamericana, 6105 F 30/6 1030-1100; 1045 anmt in SP inviting reception reports from abroad, promising QSL; during "Bolivia en Antena" pgm for listeners in foreign countries (Hirahara & Honma, RNM) R Paititi, 4865 now 5 kW, 1000-0300, stn says. Addr of R Sararenda, 4886 is Plaza 12 de Julio says RWF; R San Miguel, 3310 (nom 3320) says sked is 1015-1630, 2030-0200. Addr of R Florida, 3370, 1 kW, CP209, is Casilla 3789, Samaipata, per OA/RFA (WRTH-LA 13/6) R Abaroa says its addr is Calle Gonzalo Salvatierra, Riberalta, Beni; sked on 4760, 500 watts, is 1000-0430. R San Jose, 5585 nom, hrd on 5882, says addr is Casilla 15, San Jose de Chiquitos. The Dir-Gen is Luis Hurtado Salas, sked 1130-0200 (WRTH-LA July) unID on 4473 1ded as Bolivia; R Movima, Santa Ana de Yacuma listed on 4467 but logged here 2 wks ago by another DXer on 4479. Another unID Bol hrd on 4657, 0240* per fellow DXer (Rolf Lavstrom, Oslo, Norway, 17/6) Cadena Panamericana reported 13/7 that dir of R Pio XII in Siglo XX district said his stn had resumed ops experimentally; no further details (WBI 22/7)

✓ BOTSWANA RB, Gaberones, 3355 20/6 0402-0421: OM in lang, religious style choral singing; hvy tube QRM; nothing hrd on // 4845 at 0407, but booming in at 0415; first time I've hrd the 90m P outlet (Chris Lobdell, Stoneham MA) VOA's placement of four SW xmtxrs here w/MW stn has been delayed by lack of final agreement w/local govt, due to lack of mutually acceptable QRM study (James J Halsema, PA, August REVIEW OF INTERNATIONAL BROADCASTING)

- ✓ **BRAZIL** More guesses about when the R Bras EG svc to Eu has been retimed due to new GM pgm:
 E (gh) GM 1930-2030, EG 1830-1930 on 15125 17805 (Roberto Levinstein, Spain; Winifried Baumann & Harald Ossenkink, W Germany, WCDX 15/6) EG now 1700-1800 (DX Party Line 25/7) EG 1815-1915, GM 1930-2030; PT Af/SEU/As 15280 2100-2200; SP C&SAm 0000-0100 9665; EG C&NAm 0200-0300 15290 17830 (R Nacional 1982½ sked via Kirk Allen, OK) Believed Radiobras relay of VOA SP, talk on Vietnam 15385 1215 14/7 // 15195 etc, weak (Richard E Wood, MO) R Brasil Central, 11815 strong 0500+, ID & mx 25/6, not daily. R Cl Ribeirao Preto, 15415, often G 0100-0300* varies to 0435*; much stronger than last yr, no doubt new xmtr & anncg 10 kW (Ernie Behr, Ont) R Clube do Para, 5045, moving soon to Av Almirante Barroso 735, 66000 Bellem. Dir-Gen is Orlando Mendes Carneiro, stn says. Claudio Moraes says delete stn 997) on 2470, R Cidade Cançao (WRTH-LA July) R Araguaia, 4905, replied after 14 months, v/s Sr Benvedez, Gerente Comercial, saying delay due to incorrect addr in WRTH-82, referring to a stn associated w/Araguaia. Correct addr is: R Araguaia, 74000 Goiania, Brasil (Giuseppe Zella, Italy, Play-DX 5/7) That hardly seems complete, but sic (gh) R Clube de Conquista back on nom 3335, ex-3385 (Ivar Stormo with Rolf Løvstrøm, Norway via Finn Krone, AWR DSNCl DX 4/7) R Cultura de Sao Paulo, noted often since 24/6 on reactivated 17815; wide variety of good mx at great level 2300-0400+ (Terry Krueger, FL, DMSF) R Gazeta, SP, 5955 13/6 0910-1000 P-F w/pgm for JP immigrants in PT/JP (Hirata, Harahara, Aoi, RNM) Suns only? (gh)
- ✓ **BULGARIA** R Sofia EG: 0000-0100 Nam 15110 9700. 0400-0500 Af unconfirmed but ancd 1765
 E 11730 9560. 0400-0500 Nam 11750. 0730-0800 Eu 15110 11720 9700 9560. 1830-1930 Af 17865 17825. 1930-2000 Eu 15110 11720. 2030-2130 Af 15310 11735. 2130-2200 Eu 11720. 2230-2330 Nam 15110 9700 (WBI 15/7)
- ✓ **BURMA** EG mx from BBS hrd at 0700, then lunch mx to 0730 on 31m; EG 1430-1600 on 5040 5985; E minority pgm on 4725 now to 1545* (Victor Goonetilleke, Sri Lanka, RNMN 22/7)
- ✓ **CAMBODIA** VOKP DS ancd that from 6/7 would add 30 mins to eve pgms, 1100-1400(Sun 1430).
 Also bcs 2300-2400(Sun 0130), 0400-0500(Sun 0600) CAMEROON oops below
- ✓ **CANADA** Tnx to a suggestion from the Ontario DX Association, the CKO Network, which has out-X lets in most capital cities, has started carrying my DX pgm WORLD OF RADIO, but in abbreviated form since only 14 min slots are available--Sats 7:45 am & 1:45 pm; perhaps Suns at 3:45 pm, ET--simultaneously thruout Canada, no tape delay (gh) & I changed a Sunday Morning fq, 15240 ex-9575 //11955 17820 (Kevin Kelly, Verona NJ) RCI Sunday Morning 1300-1600 10/7 on new 15240 replacing 9575 which had never been ancd. // 11955 is severely splashed by WRNO 11940 from 1400; 17820 often inaudible w/VOA on top. Considering the closeness of Sackville and availability of fqs over all-daylight path, SM reception is quite poor and variable here (Richard E Wood, St Louis MO) 9575 was generally best here; now it's a toss-up (gh). 24/6 RCI ancd dropping 9590 0645-0700, but higher power on 15130 then, as from 28/6; 15130 not on J82 sked but I've hrd it before 0645-0700 (Steven R Lare, MI) & 0615-0630 EG (gh)
 CFRX now perfect on 6070, best ever hrd; those new tubes in final really did work; wish I could receive other Canadian low powers like CFCX as well as this one (Paul D Amend, Portage WI, 6/7) Audible here well into daylight, 1330 but not at midday; good modulation (gh) Reason why CFRX ID is sked @ :20 is to avoid interfering w/nx pgms that may start at :00 or :30 or pgms starting at :15 or :45 (Steve Webster, DX Ontario) ID on 22/6 hrd at 2126 interrupting Peggy Lee song (Bill Dulmage, DX Ontario)
- ✓ **CAMEROON** (oops) Bafoussam, 4000, 20/6 *0430-0445: OC, them drumbeats, ID by OM in FR & EG, repeated twice in both langs, anthem, right into instl hilife mx; great & powerful level w/ little QRM (Chris Lobdell, Stoneham MA)
- ✓ **CHAD** R Mondou, 5286, 5 kW but at greatly reduced power, 0500-0800, 1500-1900; FR nx 0545 & P 1700; directional toward Ndjamena, whose SW should be back in couple months; was 4904.5; & days on 7120 (Albert Sommerfeld, Chad, via Andy Sennitt, WRTH, RNMN 22/7)
- ✓ **CHINA** CPBS First Netw now has EG lessons daily 1430-1500 on 4460 6620 6225 6665 6750 7095
 E 7335 7440 7504 7516 7935 9064 9080 10245 11290 11330 11610 11735 as monitored by (Robert Chester, SA, ADXN) Tnx to RCI SWL Digest DX mx, Sichuan PBS hrd well 14/6 1225-1300+ on 7239; IDs 1230 1249 1254 1300; no time pips at all today or 15/6. In short pause between pgm segments 1230, played first 2 words of an ID tape at ½ speed, producing v/ distinct "Sichuan remmin..." at slow speed and accidental pitch! 1230 ID voiced over mx intro to pgm; 1249 ID before spate of taped ads or PSAs, gentile 1254 ID by W. Parallel ment on SWLD, which I copied as 6059, unhrd. Another mysterious Chinese province thus hrd--ahh! Of those reportedly on air, I lack Guangdong and Shandong, and would feel a bit more secure with a re hearing of Guizhou. Have been adding to my list of superimposed pgming audible on 17855/15520 EG xmtr of RB (which I'll bet is the same): besides CPBS timepips I reported earlier in IN 31/5 had the Ams-targetted Cantonese underneath 17855 EG // 17745 et al; would've rivalled actual fqs in punch if EG hadn't been there. 18/6 15520 EG 1200+ also carried Amoy // 15330 15260 12015. Unpleasant boominess of 17855/15520 audio evidently due mainly to overlimiting; I unintentionally simulated this effect by turning up my RF-2200 to overcome noise during an auto ride; clipping in the audio power amp caused by poor current reserve in the dying D-cells made Lord Peter W--NPR/BBC--sound as if he were sluthing in the same telephone booth whence 17855/15520 audio appears to emanate. Mere overcompression would not cause this w/out obvious and objectional pumping; none of this on RB or my serendipitous mobile experiment (David Newkirk, WA, 30/6) Zounds, "The East is Red" at *1359 domestic minorities Kazakh svc 20/6 on 11375 was not the long version as used previously for all DM svc & used yet on CPBS 1 & 2. Usual technique was IS at :59, pause, IS on hr, then ID once by M, agn by W, bustling orchestral EIR. This time it was the FS ID twice, pause, then FS IS once on hour followed by IDs and orch version. **Sigh** Next thing you know it'll be R Peking International (Yuan Yue, a.k.a. David Newkirk, Seattle WA 8/7; ditto Uygur *1259 11375 8/7) Guanglei PBS, Nanning, Pgm I hrd on 4915 2110-0500 & 0850-1605 in Std CH, Cantonese, Lüzhou dialect; Pgm II on 5010 2125-2400, 0255-0620, 0950-1505 in Std CH, Cant, N & S Zhuang dialects. Liaoning PBS; Shenyang, 4832 in Std CH: 2050-0100(Sun 0200), 0250(Sun 0300)-0640(Tue 0610), 0855(Sun 0825)-1500. Inner Mongolia PBS, Hohhot, Std CH 7300 & 3970 at 2130-0540,

- 0930-1530(Sun 1550) (WBI 24/6) Survey of Fujian PBS, Fuzhou shows: Pgm I 5040 4975 2340 + 12 MW fqs 2050-0600, Sun/Tue/Thu/Sat 0600-0850; 0850-1600, in Std CH, Amoy. Contains ES for Taiwan (WBI 15/7) Fujian PBS to Taiwan from Fuzhou (Fujian ren-min guang-bo dian-tai, du: Tai-wan guang-bo): 0000-0030 Std CH & 0130-0200 Amoy on 5040 4975. 1400-1430 Std CH, 1500-1530 Amoy, 2100-2130 Std CH on 4975 2340; each plus many MW fq (WBI 22/7) Some R Pekin L Aug pgm hillites: 11th, new turning point in Tibet; 14th, traditional instruments ensemble; 22nd, has anybody on R Peking been in Sweden; 28th Kazakh songs (Aug R I B)
- ✓ **COLOMBIA** Rdf Nacional, Bogota, SSB feeder on 12270 ex-15503, 3/7 0230 w/severe RTTY QRM. Moved again, to avoid QRM? 12197 ex-12270 //15335 12/7 0350-0403 w/SPPlay, complete ID (Rob H ert Mounce, Antioch TN) R Neiva, 3390, strong but distorted 0114, 3 x 1130; 4520 still hrd local morns (Reinstein, DXSF via SPEEDXGRAM June) R Sutatenza, 5055, *1026 ID 1032, mx, not //5075 or 5095 on 5/5 but // 5095 6/5; not spur of 5095 since carrier comes on long after 5095 s/on (Crawford, DXSF via June SPEEDXGRAM)
- ✓ **COMORO ISLANDS** R Comores hrd on 3331.1 12/6 1955-2015*, F but variety of utes & noise over it. Talk in SH to 2009, then John Williams' guitar concerto, apparent theme tune. 2010 YL in FR, MOR mx, NA 2013, 2015* (Mark Warner, UK, WDXC Contact)
- ✓ **COSTA RICA** Visited two San Jose stns recently: TIPC is on hill in SE part of city, San Francisco de Dos Rios suburb; GE Hugo Worsfold showed us thru; he's one of only two non-CRs E at stn, has been there 29 yrs. 3 studios. Dropped Sun aft EG after no response to appeals on the air. 31m xmtr is kept on air only a few hours a day to keep the fq--it's low power. 49m fq is off at night because BBC is cochannel. SW ants are dipole and tripole; one triangle formation is for 60m designed to umbrella all CR, and is also best hrd abroad. At R Reloj, eve shift worker Romulo Rojas showed us around in studio which is in heart of SJ. Carries half hour sports show from VOA Sun eves. Bulletin board of post cards from all over world but they are unable to handle volume of correspondence; they say they are #1 in SJ. Clock tix come from large pendulum clock in office, electrically connected so it sounds on the air anytime mike is open; they coordinate time accuracy several times weekly w/WWW. Ancrs don't use earphones but cup hands behind ear when mike is open; studio speakers stay on but don't seem to feed back (Ken MacHarg, IN, August RIB, greatly condensed here) R National, 6035, sked 1000-0600 (Sun 1200-) 2 kW, Dir is Haydee Stirbu V (WRTH/ARC, WRTH-LA)
- ✓ **CUBA** 20/5 R Moscow in EG on WWV's 15 MHz fq from 2115 t/in; clear at 0420 recheck, not hrd E since then (Kirk Allen, OK, July) R Moscow on 15000 30/6 2105-2125, guess it's intentional (Steve Bonadio, Watertown NY) I've yet to catch RM on 15000, and am listing this under Cuba under the assumption that it's the relay as is obvious when on 10000 kHz. To confirm this, would anybody else hearing this please always check to see whether 11840 RMWS is missing, and/or whether the 15000 kHz RM audio is delayed due to satellite feed compared to USSR RM fqs: (gh) RHC J82 SP sked to Ams: 1100-1645 17705 17750 15230 11760 11725 9550. 1645-1830 17750 11760 11725. 1830-2050 17750 11725. 2200-2300 11760 9730 9685 9770 6060. 2300-2400 15230 11760 9685 9730 9770 6060. 0000-0050 15230 15340 11760 9685 9730 9770 6060. 0050-0200 15230 15340 11760 9730 9770 6060. 0200-0300 15230 15340 11760 9730 9770. 0300-0600 15230 9730 9525 9770 6060. (15340 closes at 0245). SP to Med/Af: 0630-0730 & 0930-1045 15230. 1800-2000 17710 15385 [USSR I think]. 1840-2040 15230 11950. Quechua SA m 1000-1050 9750, 2200-2300 15230. PT SA m 0900-1000 11930, 2300-2400 15340. PT Med/Af 0730-0830 15230, 2000-2100 17710 15385 [USSR relay]. Guarani SA m 2200-2300 15340. AR Med/Af 1500-1600 17710 [USSR], 2040-2145 15230 11950. Creole to Caribbean 1100-1200 & 0200-0300 6060. FR 2010-2140 15365; 2200-2300 11705 [USSR] NEU. FR to Eu 1900-2010 15365; 2100-2200 11705 17795 [USSR]. FR Med/Af 0830-0930 15230, 1600-1700 17710 [USSR], 1700-1840 15230 11950. FR NA m 0300-0330 11760. [EG sked given previously] (via Kraig W Krist) The hi-power 1160 kHz M xmtr has been missing lately the BBCMS 8/7 has it w/SP V of Cuba 0400-0900; same pgm 0400-0925 on 720 690 650 630 (gh) CMLJB, R Progreso: hrd 1530+ on 7000 kHz, 10 x 700 (David Crawford, FL, DXSF) 700 the only possible fundamental in the MW band, but Ronald F Schatz's latest listing shows the 700 stn is CMCM--As referred to by MinCom & in IU notifications, or CMDW as referred to on air and by ICRT traditionally, R Liberacion, Guantanamo, 1 kW, electrical height 99.9° (gh) R Liberacion hrd 1019 23/6 on 2220 kHz, M&W w/Cuban style jazz mx, talks, confirmed as 3 x 740 (Bob Underdown, AR, OMDC) Schatz says there are two stns on 740 now, both R Liberacion: Pinar del Rio CMAC/CMAQ, 30 kW 108.3°; and Camagley CMHC/CMLJ, 10 kW, 108.3° (gh)
- ✓ **CHILE** R Patagonia Chilena, 6080, Mon-Sat *1030 w/song of Patagonia, SP/EG ID: "This is the Patagonia Chilena, the radio of the eleven-region. Transmitting from our stn CD97 on the medium-wave at 970 kcs, and CD698 [sic--CE698?], shortwave at 6080 kHz, in the international band at 49 meters. Coyhaique, Chile.", nice Chilean mx to about 1110, then light mx & pop mx; R Australia carrier covers about 1208, F at s/on to VG by 1200. Sun s/on greatly varies: 13/6 *1145, 27/6 *1105; s/off noted about 0300, poor (Ron Howard, Santa Barbara CA, 29/6) What's your next film? (gh) R Nacional, 1/7 2030, G on 9530 (Jim Conrad, IA) Will recheck if possible in light of report that R Nacional, Venezuela is on 9530 (Conrad, 13/7) R Agricultura de Chile, nx, list net affiliates, E, no trace of REE 14/7 0000 on 9630. R Nac in clear, ID & mx 14/7 0000 9510 (Richard E Wood, MO) During big magstorm (gh)
- ✓ **DENMARK** [Cf July IN-30] New Herstedvester xmtr went off air 7/6, still off 17/6 so all RD pgms back on old xmtr capable of 15165 only; for 0100-0155 bc, two alt fqs sked, 11825 & 11860 (Erik Kbie, Denmark, SDCX 29/6) Other alts if new xmtr revived: 2000-2055 & 2100-2155 and 2200+ 15165 ex-11830 due QRM; 0000 11920, 0100 9695. 11830 was hrd first day on air, 2/5, 2000-2055* & 2100-2155* (Anker Peterson & Erik Kbie, Denmark, DSWCI June) Further dep Lays on the pair of 500 kW: originally chosen site ruled out for environmental reasons [migrating birds whamming into ants?]; now 5 other sites must be investigated (Andy Sennitt, RNMN 22/7)
- ✓ **DOMINICAN REPUBLIC** R Accion, 610, has DX pgm in SP, Suns 1300-1330 GMT, put together by RDx X Club Internacional, publisher of Monitor DX (RDXCI MDX via Peter V Taylor, IRCA DXM 10/7)
- ✓ **ECUADOR** LV de los Caras, 4795, 0124 ID gave fq as 4635, why? 1/7 (Charles Bolland, FL)

R Zaracay on 3390, 25 kW, 1000-1400 & 2000-0500, it says; Escuelas Radiofonicas Populares says 1 kW on 5015, 1000-1300 & 2100-0300. Gte is Srta Luz Luzziaga (T-H Ekblom, WRTH-LA 13/6) R Federacion, Sucua says 10 kW on 3210, 5 on 4830, 10 on 4960. R Baha'i now on 4990 ex-2340 at 2200-0400; Dir-Gen is Marcelo Quinteros M. (WRTH-LA 12/7) Its 1 kW xmtx will face heavy QRM 0000-0400 from 5 stns: Yerevan, RSA, Hunan, AIR, Barquisimeto (Andy Sennitt, RNMN 22/7) R Jesus del Gran Poder, 5050, t/in 1041 13/7, vy strong, mentd "Gran Poder" (Jm Conrad, IA) R Centinela del Sur, Loja, on 4889.7 at 1141 ID (Geoff Cosier, Waratah, SCDXC DX Post) Exactly same fq as R Lux, Honduras, qv (SCDXC) R Splendit, 5026, IDs in passing w/ TCs 1149 (Sam Dellitt, Vic, SCDXC) R Splendit, 5025, 0351-0438P, big sig w/ads, Guenema ment, overuse of echo chamber by hyper OM 2/7 (Steve Reinstejn, FL, DXSF) HCJB 582 plans no changes in EG to SPac; to NAM just modifying 11915 to 11910 at 0500-0700; but to Eu, 0600-0730 11810 and back on 15225 [cf Austria]; 1730-1800, 1900-2000 & 2130-2200 on 17865 ex-17790, // 21477 $\frac{1}{2}$; and at 2130-2200 15340 ex-15295 (DXPL 26/7) John Williams, MDXC reports HCJB on 18035 at 0000 in SP, strong; my obs confirm definitely not harmonic, unlikely feeder or xmtx trouble, so why on this odd fq? (William Krause, MN, CANDX June) Date unk, but no sign of it when I checked in late July. Answer: mixing product between 17745 & 17890 if both on the air at that time (gh) At 145 kHz separation (ibid) August RIB carries HCJB's full SP .pgm sked; 1130-0500[?] on 6050 & 690; 1030-1230 11960, 1030-1600 9765, 1230-1600 11910, L 1600-2030[?] 15160, 2230-0500 11960, 0200-0500 6090. Some mx pgms are: Sat & Sun. 1100-1115 Musica Nacional. Sun 1630-1700 Selecciones Interamericanas. Daily 1800-1900 En la Sala de Conciertos (gh)

- ✓ EGYPT MENA and that DST would begin this year at local midnight 25/7, continuing till end T of Sept, winter time from 1/10 (WBI 22/7) The EG svc to Eu didn't wait for that to observe E DST sked of *2115 on 9805, as noted by Bill Dulmage, 20/6, DX Ontario (gh)
- ✓ EQUATORIAL GUINEA Re May LN-17, presumed log of Bata on 5003 more likely R Apintie, Surinam (Scott McClellan, MI, 5/5) Bata on 4926a 20/6 0444-0508, vy nice this nite, ID on hour as R Nacional de Guinea Ecuatorial; 5004 not hrd (Shawn McDaniel, Rolling Prairie IN)
- ✓ FAKLAND ISLANDS R Nacional de Malvinas, 5952, 21/4 2035-2039, SP talk, ID (Alf Lauridsen, Denmark, Jun DSWCI SWN) Not audible 1/5 (Anker Peterson, DSWCI) I'd think a relay from Arg stn more likely (gh) FIBS resumed being on about 16/6 using former management. Due to power shortages an emergency generator was in use. BBC rx item about the reopening included the anc'r's s/on anmt, and only the fq 2370 was given (Noel Green, DSWCI SWN July) QSL from Q FIBS, Port Stanley, 2370, 1 kW. Vy friendly letter rcvd via Foreign & Commonwealth Office [London?] in 3 weeks from Mr R Hunt, Governor of the Falklands, expressing his amazement at their sig having been hrd so far away during that 'memorable night' [which one?]. Following the invasion, 2370 monitored daily, and the carrier regularly there, no pgm ever noted. I suspect xmtx may have been left on as an NDB [nondirectional beacon] for the Arg military flights (Tony Marr, Titahi Bay, NZ DX Times June)
- ✓ FRANCE [?] unID FR3 stn on 11880 (cf July LN) was inaudible in June due to condx, but C at 0800 5/7; one Monday in May was as strong as Tahiti on 11825, which was on past 0900 that day. Still a mystery (Ernie Behr, Ont) Hrd twice here now the poorly; 0800-0805 taken up with GMT+2 (or GMT-10, hi) time checks every few seconds, as hrd before from France; never could get ID or hear Antarctica mentioned, but that's inconclusive. 19/7 BBC-11955 was also in w/similar sig from UK site, so France site does seem possible (gh) RFI has been testing, changing fqs at 1200 for FR from 17720 to 17620, often vy frustrating for listeners as came in middle of nx; now channing at 1157 before nx (Sevi Kokou Koumako, Togo, SCDC 22/6) OOB fq missing from published sked (gh) RFI France, or relayed? on 25740 9/5 1305-1315, sports in FR, new fq // 25820 & 25900 (weaker), 23432 (Preben Høybye-Mortensen, R-390, DSWCI) ("weaker" rather ambiguous; however, another case of xmtx mixing product, 80 kHz apart (gh)
- P As the first step in its project which will culminate in a 24h world service, RFI will soon resume its xmsns for Lam, this coming Oct, says RFI director Herve Bourges; initially 1 hr in SP using the present staff which prepares pgms for Spain, to whom will be added three Lam journalists. SW svc to Lam was interrupted in 1975 when ORTF disintegrated. But this is part of a 5 year plan with a new spirit. The key to this will be the activation in 1984 of the Guiana relay stn. In reality Oct thru Jan will be a test period (AFP Paris 8/7 via E1 Porvenir, Monterrey, 8/7 via Horacio Hinojosa Arce) 1/10 RFI starts Lam bcs in FR, SP, PT at 2200-0200; Guiana will be on in 1984 21h per day (Andy Sennitt, RNMN 22/7) France Inter reports the govt 7/7 gave green light in principle to introducing a 4th TV pgm, MinCom instructed to prepare report on financing before Sept. New svc will use old 819-line net chnls (VHF Band I & III) (WBI 15/7) If this means that ch 2, AM audio on 41.25 MHz has a new lease on life, this is good news for TV DXers and MUF followers, as this can put a good signal into Nam and worldwide around sunset cycle peaks (gh)
- ✓ GABON RFI relay on 15435 hrd 2300-0300* w/FR & mx, // 15475 via France much wkr; 11/6 only, H spl occasion? (Ernie Behr) RTVG on 9554, 13/6 2210 hiliife, VP-F, 2 x 4777 (Richard McVicar, DX Ontario) 9554 2330-2355 19/6, 2400* many ments of Libreville (Cedric J Marshall, MCO)
- P Africa Number One to begin bcs in Hausa in 2 months; testing now Hausa & EG M/W/F 1700-1800 E on apx 15210; 1700-1745 hrd w/tests on 9585 (Siegfried Heldt, GFR et al., SCDC 21/7) ANO on 15600 1715 24/6, nx & mx in FR (Dick Miller, Birmingham, WDXC Contact) Maybe, but VOA has been using that fq too (gh)
- ✓ [Non][SENE-]GAMBIA Re the reports of a R Senegambia, Rolf Löwström and I discussed the phenomenon and Rolf asked R Gambia by cable what went on. R Gambia's telex answer 28/6 stated "R Gambia broadcasts on 648 kHz and 96 MHz VHF in the FM band only. R Senegambia does not exist." Signed, BROADCAST BANJUL (Finn Krone, Glostrup, Denmark & via SCDC 6/7 & via AWR DSWCI DX report 4/7) ... (gh)
- ✓ GERMANY WEST DW GM: SAM 2000-2200 15275 1795 17810 17860. 2200-0000 9735 15410 17860. 0000-0200 9735 11795 15410 17860. 1200-1400 17715 21560. CA 2200-2400 6075 9735. 1200-1400 17715. Nam 0200-0547 6085 6145 9735. 1200-1400 17715 17845. 1400-1800 21560. 1800-2000 21500 21600 (DW August sked)

- ✓ GHANA Latest offl sked of R Ghana ES: WAF 6130 1600-2000. [DS] GBC-1, local langs, 4915 0500-0900(2300 Sun & holidays), 1200-2300; 5990 1200(0900 Sun & hol)-1600. GBC-2 in EG: E 3366 0500-0900 & 1600-2305; 7295 1200(Sun & hol 0900)-1600; report to Propagation Engineer, GBC Monitoring, P O Box 1633, Accra (Clinton L Doggett, Niamey, Niger, 22/6)
- ✓ GREECE 1/7 from around 0100, VOG on 15555 drowning Magallanes/Moscu on 15550; back to normal 15595 next nite; earlier, in Jun, had them on 15345; testing, or can they not operate the xmtr properly? (Robert Mounce, TN) VOA is particularly concerned about Greece, and is P looking at new and hopefully less vulnerable sites. VOA is installing a 250 kW xmtr for Greek govt at its Avlis facility as part of the rental of VOA sites at Kavala and Rhodes (James J Halsema, PA, August R I B)
- ✓ GUAM DX Newline is a new ARDXC segment on K1WR's DX Listener's Log, quite different format to our HCJB and R Australia segments; first one was 12-13/6; next should be 10/7 or 17/7 X weekends; DXLL sked is Sat 0900-0915 11840, 1530-1545 9535, Sun 1445-1500 11920 (Padula)
- ✓ GUATEMALA Several radio & TV stns have been closed after it was found they did not have li-mcences, incl R Poderosa, R Sultana de Oriente, R Mil Noventa (WBI 15/7)
- ✓ HONDURAS [cf ECUADOR] R Lux, *1200 generally, some days 1145 or earlier, f/out around 1245, F only due to NBC USB; ID 1208, on 4889.7 (Sam Dellit, David Headland, Chris Rogers, Marlo, SCDXC DX Post) Both stns' IDs are available on tape--teaching the lesson that fq measurement to last decimal point does not constitute stn ID; and should pay attn to format, likely reception times (SCDXC Ed)
- ✓ HUNGARY 4/10/82 marks 25th anniversary of R Budapest DX pgms; to be celebrated by "Silver X Jubilee DX Weeks" 4/10 thru 1/12/82; RSCWC members invited to provided written or taped recollections of RB DX shows, past and present. Written max two typed pages; taped 2-3 mins. Deadline 30/9; not a competition, this, but there will be one with top prize a holiday in Hungary (Dennis Herner, RBSWC 5/82 via Kraig W Krist) The latter is open to all listeners whether club members or not; basically, log as many RB xmsns as possible in the period 0000 4/10 to 2400 30/11, and send in one bundle so RB gets them by 31/12. Full details in August R I B (gh)
- ✓ ICELAND ISBS, 13797 hrd in IL w/mx variety 0323-0513* 23/5, 343 (Don Moman, Alberta, ASWLC) Certainly a new time for this, wonder if regular? (gh)
- ✓ INDIA AIR had 5 mins of EG nx at 1230 on 11620 11/7 then into unit lang (Bob Zilmer, NM, E SPEEXGRAM) Commercial sports now hrd on all SW hookup channels in morn & eve just before and after wain nx in HD & EG: 0228, 0250, 1513, 1545; most of the ads now are in HD (Alok Das Gupta, Calcutta, SCDXC 15/6) Ergo that should have read spots (gh) GOS in EG 1000-1100 to NEAs on 15320 ex-15350, //17387 21695. AIR HS on 11735 0700-0940 w/nx for rebc via east India stns is from Aligarh site; Vividh Bharati (commercial) svc of AIR, 1300-1445 back on 9615 ex-9610 w/much improved mod; Bombay site (Alok Das Gupta, RA DX 11/7) July India Calling shows these changes compared to May issue: 2245-0115 15330 ex-15335-NEAs; 2245-0115 on 11900 ex-11895, 17865 ex-15320. ANZ 1000-1100 17705 ex-17750 (Rob Williams, NSW, 25/6)
- ✓ INDONESIA RRI Surakarta 4932 1148-1218, YL ancr & vocal mx to 1200, then "Love Ambon" & nx, 1/7, F w/static, RRI Pekanbaru, 5886, 1205-1218 w/RRI nx // 4719 2/7, F-P w/RTTY QRM: NASWA HIC #200!! Sumatra--TMIDXA gang please take note (Don Moore, Santa Barbara, Honduras) RRI Samarinda P on 3205 1200-1300; // 3295 much better (IDXR & JADX, SCDXC 21/7)
- ✓ INTERNATIONAL VACUUM [for lack of any better place to put these tho I highly suspect they are ground-based xmsns -gh] NASA using 6225 LSB for comms w/space shuttle, hrd 30/6 0235-0330+, hrd on new Collins R-391 URR (Frank John Patrick, Endicott NY) SFR's DX show 28/6 reported that on the last flight of Columbia the shuttle itself was hrd on 28853 klz! Probable nonsense (Robert Mounce, Antioch TN)
- ✓ IRAN 16/6 VOIRI reported Libyan delegation was visiting, incl committee to discuss setting up joint radio stn and joint Islamic news agcy. SPLAJBC bc communique issued 20/6 after the visit which said it had been decided to set up these Islamic organizations, i.a.: Revolution radio stn, revolution news agcy, da'wa (missionary) society, university for training mission aries, world assn (WBI 24/6)
- ✓ IRELAND Westside R have been testing on 11463, Suns 0915-1000; reports w/2IRCS for QSL are welcome at 53 Charleston Rd, Ranelagh, Dublin 6 (Tony Donlon, Dublin, July WDXC Contact) The most regular Irish SW stn, Westside R, which opens at 0900 almost every Sun on 6280, is also said to be testing above 10 MHz Suns around 0815-0845; 10488 via TD, 10660 via PS. Perhaps the fq is different for each test (John Campbell, DSWCI SWN June quoting Donlon and Podney Sixe)
- ✓ ISRAEL B-net hrd several nites around 0300 on 12080 // 15615, sometime ancd as 12077 but is on 12080 (Joel Rubin, CA, 1/7) HB HS on 15615 hrd u/hvy Sov-style jamming as studio ancr introed phoned report, 0518 11/7 (Robert Mounce, TN) Reshet Bet obs past 2310 24/6; 25/6 hrd continuously during previous 2310/0400 gap; extends fqs used before 2310 exc 11655 was changed some time ago to 11610; and 25/6 12080 ex-12077, still not ancd. Prime-time [EG et E a] fqs 9815 11640 15585 supplemented by 11655, weaker maybe for C&SAM. Exc for nx flashes on the hour, R-B overnight is predominantly Israeli type MOR pop, mostly w/out anmts; incl early hours of Sabbath when used to delay s/on an hour to 0500 (Raif Munster, GA, 26/4) Cf July IN, 0000 & 0100 EG are on 17685.5, not 17680; also at 0200 but 9/7 weaker than lower fqs; 8/7 & 9/7 IBA did not use 11640 at 0500 (Raif Munster, GA, 9/7) Michael Schneider, NY sends clip from Jerusalem Post 20-26/6, sked of Israel Radio. Does not take into account above fq additions, and all the times for Nam are wrong, given in std time instead of DST. Also claims to be on 15606 for ANZ/SEAs at 1200 (gh)
- ✓ ITALY Remember rough old operation last year testing on 7381v, Stazione Esperimentale, which requested reports to a street addr in Padova, but which replied to almost nobody (and then with only a rough old piece of paper)? Try a different addr, Casella Postale 803, 35100 Padova (Airsounds via John Campbell, Jun DSWCI SWN) Recent letter from Timothy Holmes of R Pace says pgms are for emigrants and missionaries, but there could be EG xmsns before long (Simon Tuck, SA, SCDXC) R Tele-Pace uses 15460, 4 kW PEP Gates xmtr, yagi 4-element ant, at

- Cerna, 20 km N of Verona in mtns 750m above sea level; addr Via Oriani 2, 37122 Verona (Bob Padula, ADXN) Hrd on 15460 7/6 0438, F w/IT test tape, ID, addr, phone by YL repeated every sesquiminate, mx interspersed (Harold Sellers, DX Ontario) July sked of IBC: Daily 0500-0900 & 1900-2300 on 6275, 7370, 11585; continuous Sat 0500-Sun 2300 w/90min tracks on same plus 17950; will be off entire month of Aug for holidays; addr IBC, P O Box 162, Bemmel, Holland (Play-DX 5/7)
- ✓ **JAPAN** Due to limited number of SWBC fqs, the possibilities of SSB bcs are now being investigated; this fall R Japan will begin SSB experimental bcs to west coast of US (Kazuhiko Tajiri, Manager, Pmging Div, Overseas BCing Dept, NHK, Tokyo, 1/7 via Bob Bodell, OR) Topic L for 'Crosscurrent' pgm during Aug: Thinking of Hiroshima & Nagasaki; sked Monds in 1500, 1900 and 1300 genl svcs, and in regional svcs incl NAM at 0020 & 0205 GMT Tues (RJ Nx, gh)
- ✓ **JORDAN** HKBS now noted often on 7155 after Ankara s/off, if ARD slop minimal, 2258-2325*+; 6 pps 2300, AR nx & chants; s/off varies 2325-2335, sometimes w/anthem (Reinstein, ONDC)
- ✓ **KASHMIR AZAD** AKR on 1510 //3670, IDs as Muzaffarabad, while 1410-1800 on 4980 is not //, IDs as Trarkhel (Pak DXer via Victor Goonetilleke, RNMN 22/7)
- ✓ **KENYA** Giant ES complex is planned, using 250 kW as from spring. Kenya embassy says spring means July there (George Wood, SCDX 6/7)
- ✓ **KOREA NORTH** KCBS HS now on 11399 after holding admirably steady on 11340 for quite a few weeks; how far will they go? (David Newkirk, WA, 8/7)
- ✓ **KOREA SOUTH** Two-phase contest, recording & quiz, is sponsored by R Korea marking 29th anniv of EG svc; 20 winners get souvenirs, etc; must rx entries by 15/8 [so details omitted here] (July SPEEDX)
- ✓ **LAOS** ES reactivated, VG on 7029 ex-7145, EG 1330-1400; 30 min ea from 1130 TI, VI, KM, FR E (Goonetilleke, RNMN 24/6) vy strong oriental at 1030 on 7027, this? (Jim Conrad, IA, 13/7) LNR's ES now hrd on 7028 ex-7145 (WBI 22/7)
- ✓ **LESOTHO** Maseru, 4800, C 20/6, best I've ever hrd, 0421-0430; presumed as no ID hrd; instl MOR, serious talking 0425+ by man in vern; my copy of the Lesotho Radio Times says obits sked then! (Chris Lobdell, MA) Great wake-up fare, eh? (gh)
- ✓ **LIBYA** SP1AJBC EG 11815 now hrd 2130-2300, retimed and expanded by 30 min since it was last E detected 12/81. Vy poor reception precludes any detailed analysis but 2230-2250 brings nx & L press review, possibly also at 2130-2150 (WBI 8/7) You ought to monitor this in NAM, then, comes in better (gh) Obs 9/7 & 11/7 show SP1AJBC & BSKSA Saudi Arabia both operating on 17930 15450 15415 (WBI 15/7) Bit of nastiness there, hardly coincidental (gh) SP1AJBC hrd on 15084!! // to usual in AR, 11/7 (Zilmer, NM, SPEEDXGRAM) So they've got it in for Iran too; time? (gh) SP1AJBC noted in AR 10/7 2155 on 15450 //15415 (R Wood, MO) No Saud. too?
- ✓ **MADAGASCAR** RM's old fqs 3288 & 6135 replaced by 3355 & 6170 resp exc R Freedom 1700-1900 still on old fqs (Vashek Korinek, RSA, AWR DSWCI DX 27/6) 3290 replaced by 3365 1600-2100 (Richard Ginbey, RNMN via July WDXC Contact) Think this is the 3358 I hear to 2100* in FR but no positive ID (Mike Barraclough, ibid) R Mad, 3359, local mx 1755, ID in MG 1800, FR anmts 1806, ex-3288 for this pgm, 3288 now takes ES (Sam Dellitt, Vic, SCDXC DX Post July) RTM hrd 9/6 0258 usual string IS, *0259+ w/anthem, YL ancr, VP but definite so reports of new 3365 false or outdated-nothing there (Cedric Marshall, Toronto, DX Ontario) S/on mx usually their anthem "O, Our Beloved Fatherland" (Richard McVicar, DXO)
- ✓ **MALAWI** R Chortis [GUATEMALA] off 11/7 so MBC coming in nicely w/MBC IDs 0304-0412 f/out. 12/7 tried again, clear w/no Chortis to 0319 when distorted audio came on and then went off and on for 10 mins until audio was clear and alas it was Chortis making 3380 a bloody mess again (Shawn McDaniel, Rolling Prairie IN)
- ✓ **MALDIVES** I expect VOM to resume SW xmsn once construxion at site is complete (Adrian Peterson, RNMN 29/7) No s/gn of SW yet, but sked on 1458 MW only is *0130-0430*, *08-1730* ex-E cept last week to 1830* or 1800*; EG nx at 1330 ex-1300; changes [temporary?] for Ramadan M [which is now over] (Victor Goonetilleke, Sri Lanka, RNMN 22/7)
- ✓ **MEXICO** R Mex EG pgm hrd 29/5 at 0154 t/in on 15430, pgm of 50s pop mx w/MGW hosts to 0158 anmts in SP w/fqs, then nx; no ID hrd but surely XERMEX (Harold Sellers, DX Ontario) XERMEX E has this EG sked: Daily 2040; Tue/Wed/Sat 2045; M/W/F 2210; Su/W/F 2245, all on 15430 only. Rest on that plus 17765 11770 9705 5985: M/W/F 0000; Su/Th/Sa 0010/ F 0030 & 0100; Sun 0315. All times GMT (Nolan Stephany, Williamson NY) Need to know durations, and are times after 0000 actually on local days rather than GMT as per their previous practice; this contradicts some other recently publicized RMI skeds but may be more recent; in any event, they probably don't follow it precisely (gh) EG daily 0255, Sun 0330 & 2330, Sat 0100, Thu 2300 UTC (Andy Sennitt, RNMN 22/7)
- ✓ **MONACO** Midway thru J82, TWR issued revised sked; new 9540 0300-0400 in RS & UK [ex-7325?]; a1 so new is 9505, PL 1530-1600 (Bob Padula, July ADXN)
- ✓ **MONGOLIA** New 100 kW SW xmt to be built at Ulaan Bator for upgrading ES; start date unk. Also includes new 1000 kW MW at same site, per Communications Intl magazine (Bob Padula, ADXN) E RUB EG is at 2030-2100 on 12070 & 6383 (Weltweit Hören via SCDX 21/7) Really? First I've hrd of that; nothing said about usual 1200, 1400 & 1445 xmsns tho I still hear the 1200 (gh)
- ✓ **MOZAMBIQUE** Nampula on 4984 some months now, s/off not listed 2000 as hrd 10/6 2130* (Sarath Ambokutwa, Zambia via Finn Krone, AWR DSWCI DX 4/7) Nampula on 7536 lately ex-7392 (Korinek, RSA, AWR DSWCI DX 27/6) Mupoto has addl 25m outlet for 1100-1130 EG on 11660 which drifts as far as 11595, //11818v & 9532v which wanders all over 31m, up to 10040 and even 9615 where it QRMs Mupoto's other 31mb. In 60m, 4865 xmt drifts as low as 4570 (Richard Ginbey, SCDX 29/6 & RNMN 8/7)
- ✓ **NEPAL** Our members have been successful in getting R Nepal QSLs by writing to CE Mr Khatri; Q we send 12 rupees in int Nepalese stamps along, costing about A\$3, and write airmail registered. Replies come in less than a month (Rob Williams, NSW, SCDXC, SCDX 29/6) Minor sked change: 0350* daily not to 0420 Sat, on 9590 & 5005 (Victor Goonetilleke, RNMN 22/7)
- ✓ **NETHERLANDS** Sked for Espacio DX-ista is [Fri] 1248, 2048, 2303; [Sat] 0003, 0203, 0403 (RN) E RN in DT on new 9690 0630-0725 // 9630 9715, 5/6, also for 0730 EG, not since (Rhodes, ADXN)

- ✓ **NETHERLANDS ANTILLES** Perhaps to avoid having to use both SW xmters, I notice that TWR has E curtailed 0400 EG pgm to 0455 on 9755 & 800, so that SP can then start up on 15445 & 800(gh)
- ✓ **NEW CALEDONIA** I listened to so-called EG pop mx pgm from FR3 Sats 0900-1100--not much EG frn E ancr other than casual remarks abt the mx, singing along, etc. Some canned anmts ths such as "Music Power", "Energy Source". ID is sung rather quickly, "Radio Noumea". Easy to make report, tho w/Rod Stewart & Boston tunes (Steven Lare, Holland MI)
- ✓ **NICARAGUA** R Zinica now on exactly 6120.0, from 1100 w/ID & ranchera mx 25/5. LV de Nic on 5949.75, hrd again 0130-0600*^v, 4/6 after 3-month absence (Ernie Behr, Ont) VON ES on 5950 hrd again since 15/6 0200-0600 incl half-hourly SP nx, "This is Nicaragua". ES had last been hrd 30/4 (WBI 24/6) R Hernandez de Cordoba, 6100, hrd here w/good sigs 250 km NW of Ocotla. Much better than in Tegucigalpa; noted mainly around 1900-2010*, ranchera mx & IDs but no ads (Don Moore, Santa Barbara, Honduras) VON reported that the Comms Mx Director-ate had ordered that the networking of the "Voice of the Defence of the Fatherland" nx at 0600, 1200, 1800 and 2100 be suspended as from 15/6. The resumption of the "Extra", "Revolution", and "El Atabal Sandinista" newscasts produced by R Sandino, VON, and R Mundial was also ancd (WBI 24/6) Nic Ministry of Interior ancd 16/6 that emergency state had been prolonged for another 30 days because of CIA plans to overthrow the Sandinista govt. Consequently only 3 stns would be allowed to carry nx during the state of emergency: 620 La Voz M de Nicaragua, 750 R Sandino, 930 R Mundial, the latter not listed in WRTH 82. All nx will be censored by Ministry of Interior, which also made the anmt. So much for democracy (Rolf Løvstrøm, Oslo, Norway, 17/6) 17/7 R Sandino reported on nx conf by head of Peoples' Radio Broadcasting Corp (CORADEP). He said his org managed radio stns "confiscated from the Somozists". The 15 CORADEP stns were in Chinandega, Matagalpa, Managua, Rivas, Jinotega, Ocotla, Chontales, Leon, Esteli and Bluefields and also included ones "established by our revolution" in Rio San Juan and Rosita in Northern Zelaya. Certain CORADEP stns were targeted at specific audiences, e.g. R Exito aimed at youth, La Futura provided popular variety pgms, La Continental bc selected mx (WBI 22/7)
- ✓ **NIGER** ORTN Niamey 5020 12/6 2135 t/in w/drama in FR, ID 2150 w/flute mx going over into nx 2158, then into flute IS & wiped out by super strong CW ute. ORTN was weak with some FSK QRM and heavy static; first time logging for me, yet readily hrd in USA. I assume they have a highly directional E-W antenna beam (Mark Warner, WDXC Contact & DSWCI SWN) I concur; it is very difficult to receive, yet location and power ought to mean differently (Noel Green)
- ✓ **NIGERIA** Nice Nigerian night 20/6, 4770 4990 5965 6050 6090 6195 7145 all coming in clearly; faint sig on 6102 w/Quanic chants, gone 5 mins after came on, like to think it was Maiduguri. Also hrd Afro w/DW, possibly Calabar [6145]. Sokoto 6195 had such horrible audio, almost impossible to make out anything; all hrd 0430/0550 (Shawn McDaniel, IN) Bendel State P BC Service hrd on MW, no longer ancing or hrd on SW; if ll new states are created as proposed, may mean more radio stns (Richard Ginbey, RA, SCDX 29/6) Kwara State BC Corp, Ilorin, now using 7145 for all SW svcs, 0400-2305 ex *0430 as in WRTH. 10 kW, ant is 10m long dipole, per data from stn w/QSL (Bob Padula, ADXN) PRGN DS: R Nigeria, Lagos, 7285 1000-1600 & 7275 1000-1530; 4990 & 3326 0430-2305/2309. R Nigeria, Enugu, 6025 & 4750 0430-2306. R E Nigeria, Ibadan, 6050, 0430-2305. R Nigeria, Kaduna, 6090 & 4770 0430-2302. VON ES EG: 0500-0600 Waf 7255. 0500-0600 Naf/Eu 17800 15120. 0500-1000 Eaf 11770. 0700-0800 Naf/Eu 17800 15120. 0800-0900 Waf 7255. 0830-1000 Naf/Eu 17800 15120. 0900-1700 Waf 7255. 1000-1200 Nam 15120. 1200-1400 Carib 15120. 1400-1530 Au 15120. 1500-1600 C&Saf 11770. 1530-1700 India 15120. 1700-2100 C&Saf 11770. 1800-1900 Naf/Eu 17800 15120. 1900-2030 Waf on 7255. 2100-2200 Naf/Eu 17800 15120 (WBI 8/7) VON Lagos 7255 to Waf 0500-0600 excellent here, easy catch in WNA; only problem is SSB hams (Richard Lantz, San Francisco CA, 5/7) VON EG nx 0830 on 15120 (Steven Lare, MI, 22/6) 28/7 xmt break delayed nx start til 1830 on 17800, much stronger than //15120 (gh) VON, 11770, 2/7 2012-2101 EG, hilife mx, wild, 2030 nx, G (Chuck Bolland, FL)
- ✓ **NORWAY** 24/6 R Norway noted on 11760 0600-0630 in NW, EG ID, fq not listed (Steven Lare, MI) R Norway famous for making mid-season changes, some involving azimuth only, effective 25/5: 07-0830 17740 ex-17715, 2450. 11-1230 17830 ex-17840, 450, 25730 2750 ex-2250, 21725 omit. 13-1430 21720 ex-21730 800, 15-1630 21700 ex-17840 950, 15125/15195 2750 ex-2900, 19-2030 21700 ex-21725 2250. 23-0030 11875 ex-11870 2900, 01-0230 11850 ex-11840 3300. 05-0630 on 17790 ex-17795 1350 (Ralf Munster, GA) So 25/5 revised Nam fqs: 13-1430 15125, 15-1630 15125 /15195, 17-1830 15175, 19-2030 15175, 21-2230 15175, 23-0030 15205 11875, 01-0230 11740 and 11850, 03-0430 11895 11870, 05-0630 11900 (NTA)
- ✓ **OMAN** Muscat on 11820 // 11890 0900-1500, thence moved to 9655; 0200-0500 on 9510 11890 (Victor Goonettilleke, July ADXN) For Ramazan sked changes: *0300 ex *2000, stable on 9510 11890 0300-0555; 0600-1100 11890 15105, 1100-1500 11890 11820, 1500-2010 11890 9510 (Goonettilleke, RNMN 22/7)
- ✓ **PAKISTAN** R Pakistan ES in EG: 0230-0245 21755 21595 17840, 0340-0345 21485 17645. 1005-1010 E & 1100-1115 21802 17665. 1040-1045 21755 17640, 1600-1615 21485 17660 17640 15565 15530. 1645-1745 11670 9870. 1650-1655 17620 13605 (WBI 24/6)
- ✓ **PANAMA** Cf July LN re 3020 stn, WRTH lists no Super Equis in Chitre but there's a R Equis in H Panama City on 1510, is this it? More info pse (Noel Green, DSWCI SWN) HOKO has given up P plans for a SW outlet; no other plans for SW stn here are known. Catholic stn in Panama City is for sale; basically beautiful mx; they have potential of establishing EG stn (gh)
- ✓ **PAPUA NEW GUINEA** Vy strong opening brought R N Solomons, 3322 in Pidgin at 1020 until *1028 Barillas on 3325; R E Sepik 3335 at 1025 (Jim Conrad, IA, 13/7) R One, 4890 fair 3/7 1045-E 1103. Everyone is naming their stn R One. Before long IDing will be so simple (Bolland, FL)
- ✓ **PARAGUAY** R Nacional, 23828, 18/6 2200 natl mx; fair, easier to understand than 11914 due to H no het or QRM (Cedric J Marshall, ON Ontario)
- ✓ **PERU** [Cf July LN] R Los Andes, 80% sure of name, town unk, 3725 fair from 1050 t/in to 1115 f/out, also evs but very poor. 100% sure is Peruvian. Another new stn, R Moderna, Celen-

din, near Cajamarca, 4300 EG/SP pop mx, fqt IDs, eves only 0100-0230+; haven't checked for s/off time. Not hrd morns. Usually plays 15 min of mx at a clip, then IDs; ads on the hour (Don Moore, Santa Barbara, Honduras) Pretty sure it was Moderno; 4300 8/7 0107-0140+, poor w/CW & ute QRM; light mx, clear IDs by M tho most talk unintelligible. IDs at 0109, 0119, 0133. In the mid after 0140 but still faintly hrd at 0200 & 0235 rechecks. (Steve Reinstein FL, DXSP) R Cajamarca, 5658, 0016-0110, finally decent level after many weeks of monitoring. Nice huaynos, lively yipping, some heavy ballads, M ancr yelling "Cajamarca" during the flutes. Good ID R Cajamarca 0033; left 0110 to check 5709; recheck 0128 & R Cajamarca gone. Tnx Bill Parks for this! (Steve Reinstein, DXSP 24/6) Reactivated R Cajamarca, 5658, was first hrd in 1959 on 4770. Another unID Cajamarca stn reported occasionally on 6500 since 8/81; any info on this one? R Sideral, Pucallpa, 9755.7, weak 0950-1115 f/out 9/7, mx & world soccer; not hrd daily. R del Pacifico, 9675, strong from *1103 w/Quechua & hymns to 1200 f/out 1/7 (Ernie Behr, Ont) R San Cristobal de Huamanga, 5020, 11/6 0330 soft mx and ID (Johnny Denham, Boaz AL, OMDC) R Esmeralda, Huanta, 3800, local tunes 1035, SP ads 19/6, ID 1040, quite strong (Bunn, Fitzgerald & Padula, NSW, ADXN) R Moyobamba, 5015.3, 1143 SP religious pgm, 1157 ID; s/on seemed 1100 (Chris Rogers, Geoff Cosier, Sam Dellit, SCDCX DX Post) R Sicuani, 4834 ex-4827, 8/5 1017 P, "Amancerc Andino", ID, often hrd in May (Hirata, RNM) R La Merced, 4960, OCYAJ says 1 kW, sked 1100-0400, R Onda Imperial, 5055, 1 kW, sked 1100-0500, R Tarma, 4770, 500 watts, sked 1100-1300 & 2100-0500; R Madre de Dios, 4950 now lists 5 kW (WRTH-LA, 12/7) Addr of R Ondas del Titicaca, 4922 is Alfonso Ugarte 1431, Puno; Dir is Fernan Salvador Machaca. LV de la Selva, 4825 now 10 kW, Gerente is Pierre Leblanc M. R Santa Cruz, 5340, 0450K. R Satellite, 6727, Sta Cruz, Gte is Sabino Llamo Chaves (WRTH-LA 13/6) R Nacional Tumbes, 9550, hrd 2300-2330, for first time in 6 yrs (Jacobsson, SCDCX 21/7) R Los Andes on 3725 ex-3735 (Carlos Maldonado, Peru, SCDCX 21/7) LV de P Nasca, 1510 kHz ex-1490, 2 kW, and installing SW xmtr on 4495, sked 1000-0500, 1 kW. Addr is P O Box 57, Nasca; reports welcome (Andy Sennitt, WRTH, RNMN 22/7)

✓ PHILIPPINES DWGO hrd on 3104, 2 x 1552, P in EG 1252-1501* 7/6; ID 1420 (Yasuyuki Masuda, H Japan, ADXN) FEBC now using 15235 ex-15450, EG 2300-0100 (Robert Chester, RA DX 20/6) Work E is continuing on installation of two more 250 kW xmtrs and related ants at VOA Tinang relay P in central Luzon; Sri Lanka planned expansion reflects uncertainty about future of VOA in Philippines (James J Halsema, PA, August RIB)

✓ POLAND R Polonia EG to Nam: 1130-1200 17865 11840 9525; 0200- & 0300- 15120 11815 9525 7270 7145 6135 6095. Other EG: 0630-0700 Eu 9675 7270 6135. 1200-1230 Eu 7285 6095. 1230-1300 Af 15120 11840 9675 9525. 1400-1430 Eu 7285 6095. 1600-1630 Eu 9540 6135. 1630-1700 Af on 11840 9675 9525 7125. 1730-1800 Eu 9540 6135. 1830-1900 Eu 7285 6135 5995 3955 1503. 1830-1900 Af 11840 9675 9525 7125. 2000-2030 Af 9675 9525 7145 7125. 2030-2100 Eu 7285 6095. 2230-2300 Eu 7270 7125 6135 5995 1503. Esperanto to Eu: 0530-0600 7270 6135 5995 3955 1503. 1630-1700 7285 6095. 1930-2000 7285 6095. 2130-2200 7285 6095 5995 3955 1503 (WBI 1/7)

✓ PORTUGAL RDP, 9765 PT nx 12/7 0200 over R Moscow Nam svc; crowded fq, poor choice (Richard E Wood, St Louis MO, 17/7) R Portugal 0325 in PT, co-channel BBC 9765 (Jim Conrad, IA, 13/7) E And also for EG 0300-0330 (gh) 0300-0330 on 11925 6025 but 6155 ancd; 0530-0600 9575 6100 but 11925 ancd. 1600-1630 not Sun 21475, 1700-1730 Sun Af 17880, 1800-1830 Mon-Sat Af 17880 15355, 2030-2100 Eu 11775 9605 6025 (WBI 1/7)

✓ QATAR QRS on new 17910 ex-15505 0900-2130, but 15505 still used from 0245 (Thomas Adam & Ingo Rose, W Germany, SCDCX 29/6) Switched to 17910 for a few days, as 20/6 w/AR ID just before px at hourtop; 22/6 back to 15505 (Steve Webster, July DX Ontario)

✓ ROMANIA Surprised to hear R Bucharest in EG at 0545 on 17745 re 5-yr plan, 4/7 (gh) On 11830 3/7 0206-0230 EG, nx, youth club (Chuck Bolland, FL) Recent new fq on Nam svc (gh) EG sked: E 0200-0300 Nam 15380 11940 11830 9570 9510 6155 5990. 0400-0430 same minus 15380. 0530-0600 Af 17745 15340 11840. 0645-0715 Pac 21480 17805 17790 15335 15250 11940. 1045-1100 not Sun Eu 17870 15250 11940. 1200-1230 As 17805 15345. 1300-1330 Eu 11940 9690. 1500-1530 As on 17745 17720 15345 15250 11940 11775. 1730-1800 Af 17745 15365 11775. 1930-2030 Eu 11940 9690 9510. 2100-2130 Eu 11940 9690 9510 7195. Romanian to Nam: 2300-2400 11940 9570 9510 6155 5990. 0130-0200 15380 11940 11830 9510 6155 5990. 0915-1010 Sun for seamen, ENAM on 11940 9570. Except for a sesquihour to Eu, and another seamen bc to NW & WAF, R Bucharest does not have any other RM bcs to other parts of the world; how modest [gh] (WBI 15/7)

✓ SA'UDI ARABIA [cf LIBYA] BSKSA 17928 0000 QRMing Libya 17930, also on 15060 (Bob Zilmer, NM, SPEEDXGRAM July) 17940 2200 //crowded 15415 12/6, M talking t11 2330, then native mc (Chuck Oliver, Spring TX) Holy Qur'an Service on SW in AR: 0500-0700 USSR & FE 15335 11730. 0700-1000 S&SEAs 21545 21455. 1900-2100 N&W&EAs 11685 7250. BSKSA, Jiddah, ES: 0300-0450 Persian 15245 7245. 0400-0550 Turkish 15060 11685. 0500-0700 FR EAF & ME, 1100 (Thu/Fri 1000)- 1300 EG EAF & ME 11855 1485 1224 1098. 1000-1150 Ind 21705 17895. 1200-12850 Bengali 17720 15345. 1300-1450 Urdu 17720 15345. 1500-1550 Turken to ME/ USSR/FE 9685 7155. 1600-1650 Swa hili 15345 11915. 1500-1700 FR & 1700-2100 EG EAF/ME 11855 1485 1224 1098. 1700-1750 Somali 11910 9520. 1800-1850 Bambara wAF 15125 7250 (WBI 1/7)

✓ SEYCHELLES FEBA EG 1500-1600 on new 11855 ex-11865 // 15325 (Alok Das Gupta, India, RA DX 11/ E 7 & ADXN July)

✓ SOMALIA Mogadishu on 6792 *0300 29/6, many Mogadishu ments, nx 0330, stillgoing at 0430 re-check (Frank John Petrick, Endicott NY) I've been hearing them on 6790 during June and also July from 0300 past 0435; both Af tribal mx and Somali mx, AR or whatever they speak (Marge Witte, Torrance CA) If you can't understand Somali you should have no problem hearing the ID which Paul Karagianis says is "Halkan wa Radio Mogadishu codki Jamhuriyada Dimuqraadiya Soomaliida..."; C on 6790 to 2100*, nx 1700, 1850, 1950, 2050 (Noel Green, UK, DSWCI SWN) 6790 DS not hrd several days at Julybegin, but R Hargeisa continued hrd on 7120; its daily eves mxsn in Somali 1500-1802: 1500-1502 open amnts, 1512-1525 occasional talk/feature, 1530-1545 regional nx and re-bc of 1400-1410 R Mogadishu nx, 1700-1710 nx & commentary relayed from R Mog, 1800-1802 closing amnts. R Mog ES continues intermittedly on 6095 (WBI 8/7)

- ✓ **SOUTH AFRICA** Capital Radio, Transkei, 3930 0453-0530 OM DJ in EG w/rock mx "Breakfast Show", finally copied ID 0530, weak 20/6; // 7150 stronger but hotted on 7151 (Lobdell, MA) Cap R and in 13/7 phone-in pgm that would be transferring studios from Port St Johns to Transkei capital Umtata, xmtr remain in PSJ; during move would use Joburg studios (WBI 22/7) Per ANDEX, R RSA is looking for monitors, addr Monitoring Panel, R RSA, P O Box 6, Honeydew 2040, Transvaal. Claims to pay you back w/postage and newsletter containing some monitoring info. Wonder if this is like WYFR's pgm? (Paul D Amend, Portage WI) No (gh)
- ✓ **SPAIN** REE 10/7 2150 w/two separate sports services: 15130 hd live futbol, 15190 had Tour de France cycling; this was a Sat (Richard E Wood, MO) Mundial Final 11/7 1847 on 15190, not 15125 that was being planned for Nam (gh)
- ✓ **SRI LANKA** SLBC All Asia svc in Hindi and other Indian langs: 0025-0430, Sun 0430-0630, 0630 E-1630 7190 11800. AA Svc in EG 0030-0430, 1230-1600 9720 15425. MESEAF svc 1645-1815 in Urdu, 1815-1830 Sinhala, only on 11800; other langs incl EG, Tamil, AR, deleted (Jose Jacob, India, ADXN) AA Svc in EG formerly went to 1730*; 6075 and not used (Victor Goonetilleke, RNMN 22/7) AWR DX pgm Radio Monitors Intl now sked Sun 1100 on 11835 15120 17850, 1300 on 4940 +AMEFM, 1332 on 15425 9720. Upcoming topics: 15/8 Trinidad & Tobago, Radio Belize. 22/8 Chad, Ship Broadcasters. 29/8 BFBS Cyprus, RA Shepparton. 5/9 TWR Bonaire, Sunspots. 12/9 Emissora Portuguesa, R Barbados (Adrian Peterson) VOA has pending for congressional approval of its FY-1983 appropriations the construction of a completely new relay xmtr base at a site near Puttalam on the west coast, 75 mi N of Colombo where the present under-powered, antique stn has been located since the 1940s. Originally planned putting 4 new xmtrs at present rx site, 250 kW. New proposal calls for 500 kW. Would require building completely new establishment incl staff housing, \$96 instead of \$66 million. Reason: USN study indicated putting 4 250 kW near Colombo would pose significant risks to nearby airport operations (James J Halsema, PA, Aug RIB) Per interview w/DW tech chief Mr Roessler, DW will invest DM 40 million (\$18 million) in Trincomalee relay base on east tip of SL. German govt will grant DM 9 million in 1982, 20 million in next two yrs, mostly 1983. Two xmtrs should be commissioned at least in early 1984. New stn will be a copy of Cyclops, 3 x 250 SW, 1 x 600 kW MW. Except electricity won't be from SL public power, but from own generator; SL itself M has many problems w/public power supply. Main target for MW at nite: Pak, India, Bang, SEAs Indo; for SW: Japan, China, Phil, Indo, SEAs, SAs, Au, NZ, and due to economic value even Africa & America during nighttime in Asia; to Am 1500-1600 timespan? (Wolfgang Bdschel GFR)
- ✓ **SWAZILAND** 3/6 was listening to comparatively strong TIFC on 5055, when at 0340 'jammed' by stn playing IS ; would you believe it was TWR? I'd think religiousstns would coordinate better (Kirk Allen, Ponca City OK)
- ✓ **SWEDEN** [Not SWEDEN as some insist] R Sweden now using certain ants to Nam: 15420 0200-0300, 17790 1400-1530, 15270 2300-2400 (ANARC-FRC via Zilmer, SPEEDXGRAM) RSI and from 7/7 its E 1100-1130 EG to Eu & Pac would be on 17825 & 9630 (WBI 8/7) ex-21610 (GDXE 6/7)
- ✓ **TAIWAN** unID stn on 11905 w/NAs lang & songs 1600-1615* v, 17/6 & 30/6. WRTH 82, p 198 lists "V of Asia" in CH at this time. R Peking & jammers on 11905v before 1600; need definite ID on this (Ernie Behr) WBI shows this as BCC's Std Chinese Net-1, external service at this hour, 1600-1900 //9690 7250 7150 6040 3335 3230 + 5 MW. Other times in 24h sked when on SW: 2045-0100 11905 and same //s; also 0345-0700, 0100-0345 on 7250 6040 3335, 0700-1000 11905 9690 7150 3230, 1045-1600 7250 7150 6040 3230. Some of these fqs break away for pgms in minority langs to mainland: 1000-1130 Mongolian 11905, 1045-1600 Cantonese 9690 [not minority!], 1045-1600 Hakka 3335, 1140-1310 Tibetan & 1330-1500 Uighur 11905. ID is "Chung-yang Kuang-po tien-tai tsy-yu chung-kuo chih sheng". Std Chinese Net-2 also continuous: 2150-0950 on 7105, 0950-2150 on 11775 & 7105. Std CH Nx & Mx Net, 0955-2200 9630 6087 (WBI 22/7) BBCMS includes V.o.f Asia pgms in VOFC ES sked as well as WYFR relays as before, perpetuating the 11855 claim at 0200-0300 EG, 0300-0400 Cantonese both to AM; I haven't checked this month but it had always been on 11740 instead (gh) The tape I rxd from VOFC cost apx 2 1/2 times more than the "blue light special" I sent them and the mx was well recorded, so don't skip out on VOFC because of a few piddley tapes (Patrick J Trimble, Altoona PA) WYFR SB2 sked to China shows 9765, 1200-1500 Mandarin, 1500-1600 EG; India 1400-1700 EG 19m (gh)
- ✓ **THAILAND** [Cf Mar & July IN] Re Thai HS on unlisted 6160. I don't doubt the USDXA reporter's knowledge of Thai, but wish someone would explain how a low-power 49m sig can propagate from Thailand to S Carolina at 0800 GMT, 3 pm in Bangkok! (Ernie Behr) I have the impression USDXA does not wish to discuss this any further & probably shouldn't have printed this (gh)
- ✓ **TRISTAN DA CUNHA** [Well, why not foray into ham mx for fun] Andy, ZD9BV, is active; will be there about 2 yrs. Tho new to ham radio, is experienced commercial op. Shows up on various list & net ops; logged here 10/3 1841 on 21338; full data QSL rxd. ZD9BW will also be active this August (John Tuchscherer, WI) ZD9BV active on 21338 1600-1800, SSB; Mon 14225 at 1600-1900; has daily sked w/ZD8TC at 1700 on 14140; QSL via W4FRU (QTC, Swedish ham mag, SCDX 2/7) 4/7 2053-2215 on 3295 unID stn, 2100 R Australia nx, 2107 local nx?, 2111 lite mx, 2200 closed but carrier on till 2215; tentative (Michael Schaay, Netherlands, SCDX 21/7) Snacks of PNG to me tho late in morning & both listed 3290 (gh)
- ✓ **TURKEY** TRT on 11900 w/TK HS pgm 2300-0250* v 1/7; Morocco was here until early June, 0100-X 0400, now gone (Ernie Behr) TRT EG DX pgm noted 10/7 [Sat] 2215 on 11900 o/HCJB (Wood, MO) E VOT and 5/7 that had resumed xmns to Au 1/7 on 17715 2300-0300; had been interrupted when an old 100 kW xmtr broke down a year ago. Also and that TK to USA reorganized, increased from 2 to 4h per day since 2/7 2300-0300 on 11900 (had been 0900-1100 on 9560). VOT said xmns would be interrupted 0400-0700 7/7 to allow connexion of new 500 kW xmtr to SW ant system. Obs 5-6/7 17715 11900 // w/TK svc and to NEAM, SEAs, 2255-0250 (WBI 8/7) VOT EG 2200-2257 now hrd on 17715 11900 9560 7155 (WBI 15/7)
- ✓ **TURKS & CAICOS IS.** I called Quality Media Corp and they said the Caicos Beacon will be on P air in the fall, most likely Oct or Nov, 50 kW on 1030 & 1570 kHz; also will have TV but M no plans for FM or SW (Denham, 2/7 via DXSF)

✓ UGANDA 15/7 & 21/7 test xmsns to WEu by RU ES hrd on 15325 from at least 0630 until just E after 0800. FR & EG amnts mixed w/mx. EG nx (maybe from DS) 0700-0710. Addr for reports: Uganda, P O Box 2038, Kampala (WBI 22/7) 0600-0800 tests in EG/FR, EG nx 0700 15325 WEu (Reiss, Austria, SCDX 21/7)

✓ U S S R Pgms of various regional stns hrd on 12000 at 1330; Thu R Baku, Fri R Vilnius, Sat Moscow Mayak, all from same xmtr; possibly recorded at regional stns and sent to Moscow for re-bc (Robert Chester, SA, RA DX 20/6) Hrd the same thing at 1430 on various fqs in 1980, see May 80 FRENEX p 47 for details (Behr) 9/6 at 2200-2230 I didn't hear any of the fqs listed for R Vilnius but I did find them w/gd level on 12020 (Sellers, DXO) R Kiev S82 EG sked to NAM: 2330-2359 9530 11870 17900. (0200-0229 17870 17900 (R Kiev via Kraig W Krist) Did they forget to include Eu sites? (gh) Kiev now on 15515 for EG to NAM 0200-0230 19/6; this xmtr carries a variety of other URS svc (Craig Seager, ADXN) R Moscow FR on 15500 11/7 2015-2030*, must be time shifted for summer as WRTVH lists 2030-2130 to Eu; this is followed by Yerevan in Armenian 2030-2100; RMWS up next at 2100. Also noted at 2100 on 15530, RM in AR; 2130 RM in FR to Af, 2200 RM in PT claiming to be to SAM--times Brazilian; as usual no fqs given, just mb's (miserable bands). This fq P // 15550 during PT. PT IDs to Brasilia as "Radio Central de Moscovo", Central being in some Braz stn names (Tony Pavick, PA) Tashkent to SAs in EG 1200-1230 & 1400-1430 on 9590 9650 9715 11783 15460 (U.P., India, reporter to SCDX 21/7) 11783? Never known them to vary (gh) RS/OM talk 1956 on 7320, 18ght mx, 2000 TP, TC, OM/YL into nx. Magadan listed. Quite strong--only stn on band exc JHU and this was stronger; // 9600, 9810 also in on 20/6 (Robert Mounce, TN) What's "RS"? TP = time pips? (gh) RM NAM svc on 15135, 0007 usual stuff // 11710 on 28/6 strong & clear, 0050 abrupt switch from "Request Interview" into OM/FR talk about Wash & CIA to 0100* P&P Creole listed (Robert Mounce, TN, 2/7) RM FR to Eu and 24/6 it would be 1400-1830 direct relay of start of Soviet-French space mission; 2/7 there would be two more direct relays, 1030-1130 & 1530-1830 on undocking and landing (WBI 24/6) 24/6 RM bc spl FR pgm 1400-1645 on this, on 15535 12020 11920 11890 9450. Said 2/7 spl would be at 1030-1130 on 21.53 17.71, 15.53, 15.17 and 12.02; 1500-1830 on 15.53 15.17 12.02 11.92 11.89 9.45 (WBI 1/7)

✓ U A E UAE Radio Dubai hrd 1615-1700 4/7; instead of s/off after nx they went into "The Arab Gulf in a Week" (Nolan Stephany, Williamson NY) "...will be Persian"? hi (gh)

✓ U K O G B A N I Can someone explain why Calling Falklands is still on one freq per 450 people, after the jamming has presumably stopped? I can understand the every-day--it's symbolic of Brit's determination. Dr Samuel Johnson said the Falklands would never be independent & self-sufficient (Joel Rubin, CA, 18/7) Has BBC dropped Calling the Falkland Islands as a daily pgm? Not hrd 26/7 on 15400 or 11820; usual EG by R hrd on 15400 to 2115 s/off; carrier continued for 5 mins but no CFI; nothing on 11820 either (Steven Lare, MI) As of this Sunday pgm cut back to Sun/Tue/Thu 2115 (Jonathan Marks, RNMN 22/7) Hrd 29/7 but on 15400 and 11820 about 5 mins of noise to 2125; apparently lost feed and no one noticed (gh) BFBS Calling the Task Force was retimed 18/6 to 1400-1425 daily on 17870 from Ascension; feeders from UK are 22930 LSB & 26490 LSB at 1130-1155. Pgm tape delayed at Ascension (Chris Greenway, BDXC via WDXC Contact) The last spl BFBS via Ascension xmsn was last wknd (Marks, RNMN 22/7) Outlook pgm is asking listeners to design suitable birthday card for BBC ES's 50th anniv jubilee in Dec; prizes. Closing date 1/12, winners and on Outlook Fri 17/12. Letterbox 28-29/8 will announce winner of draw in Listening Diary contest (London Calling) Sunrise R, UK, on 11415 every first Fri of month at 2200-2300, hrd 7/5; and on first Sun of month at 1000-1100; 4/7 hrd to abrupt 1045*; F-G. Addr Box 41, AA 7700 Dedemsvaart, Holland (S. Manelli & Dario Monferini, Italy, Play-DX)

U S A ✓ FCJB has a stn along the TX/Mex border, KVMV McAllen; a reliable source informs me that they are hoping to establish a chain of these stns along the border, and they have applied for a SW fq from Texas! (gh) WRNO plans to intro pgm in FR for Canada & Eu; 2 persons handle mail; as of May, 1000 charter certificates and 2000 additional listener certs had been posted. Listener response from Australia has been excellent. Studios in Metairie, about 10 min from N.O. city centre, xmtr is 20 km from studio, log periodic ant, 20° off [+], north, 68° beam width, 21° takeoff angle. Plans to sell more air time to intl advertisers & offer more 'special events' pgming rather than present nx (Malcolm Thomas, Sydney, ADXN)AWR Q RS & UK pgms via WRNO: UK Suns 0530-0545 on 6185; QSL available via AWR-Asia (RMI, India)

✓ WYFR has 7 SW xmtrs at Okeechobee; 3 more are being built and there are plans for 5 more. The Taiwan relay is still considered experimental and some WYFR staffers aren't so happy about it (Ken MacHarg, TN, visiting WYFR) My god, WYFR going on 15 fqs at once?! (gh) Surprised to find Panama vs Nauru women's softball play by play in SP 11/7 0535 on 17805; Listening further became obvious it was tape-delayed & condensed from 9/7; it was the "Quinto Mundial" championship of that sport; Chinese PA in background. VOFC via WYFR (gh)

✓ VOA is requesting \$11 million to build MW relay stns on Grand Cayman, Grand Turk, and a permanent stn on Antigua for Carib coverage. These would be semi-automatic, satellite-fed. Existing MW xmtr at Marathron FL would be replaced. Second EG-lang MW xmtr for coverage of Jamaica would later be erected on Grand Cayman, since the first would be in SP for Cam, VOA is also asking for a domestic satellite which could be used to service its Pac & Atl coast xmtrs plus those in Carib, from Wash studios (James J Halsema, RIB) In June VOA had an opening for chauffer, and now one for executive producer; send resume or application on SF-171 to Frank Scott, PD (ad via Greg Monti) What is the big story on VOA-California? Is there a stn at Dixon or is it just Delano? AFRTS lists CA sites as both, what gives? (Paul D Amend, WI) As far as I know, Dixon still mothballed, but expansion plans might revive it (gh) Anyone know the site/source of the 11740 xmtr kicked on the air at 0000 for spl EG? Satellite-delayed relative to other fqs and usually comes on late, sometimes drops several times before they can keep it on air (David Newkirk, WA) List Delano; surprise--they do have (use of) satl already; they also use an NPR satl channel for bureaux such as Los Angeles to feed pgm material back to Wash (gh) Aargh, my listing of VOA A3H LSB feeder in the Great OOB Capex

should have been 15652 in Jn IN (David Newkirk, WA, 30/6) VOA using OOB 17640 21840 for EG around 2200. Per info from VOA, these two are intended primarily as feeders for various overseas relays, and are AM full carrier from Greenville (Robert Chester, Adelaide) i.e., the same status in-band VOA fqs enjoy from US sites except to target areas w/no relays (gh) E OOB obs: FR 11580 0500-0630, vy strong, Greenville? 9840 EG Bkfst pgm Eu to 0700*; 17640 fair 1100-1400 EG, 0000-0400 EG Lam svc; 21840 to 2200* (Craig Seager, NSW, RA DK 11/7) VOA hrd om 11580 0500 22/5 FR to Af (Chuck Oliver, TX) I haven't been able to verify times when BBC 9510 Greenville are actually 9505, have you noticed? (Richard Lantz, CA) 9505 ex-9510 WS to Ams G around 0100 27/6, sked 0030-0330 (Bob Padula, ADXN)

WWV: Yes, I imply those machine-code-like sigs either side of std fq & time fqs are some how allied w/WWV; tend to be audible here only on the best WWV signal-openings. Still the case as of 8/7 the voice anmt on WWV has been a second early since leap-secd insertion. Have T to relearn the rhythm now in setting my digital clocks. Life is tough (David Newkirk, WA) & I noticed in late July HCJB timesigs still a second off; leap second not apply to Ecuador? (gh)

- ✓ URUGUAY El Espectador talk on world bank, 11835 14/7 0225 (Richard E Wood, MO)
- ✓ VANUATU Definite ID at 1043 during island pop on 3945 13/7, vy strong (Jim Conrad, IA) 7260 E now audible in winter from 0528 W/EG, FR, Bislama talks; normally the only things audible in WA below 31mb at this time are the power lines; 20/6 (Philip Harrison, ADXN) ID at 0845 in Bislama (Pidgin) 15/6 (Ray Hackett, NSW, ADXN) EG/FR/Bislama pgm in real mixture, F at 0730 6/6 on 7260 (Malcolm Thomas, NSW, ADXN)
- ✓ VENEZUELA R Tachira, 22/7 0927-1030 on 4830, ads, IDs, mx, strong het from Relej but holding own; recent reactivation, or suddenly improved condx? (Chuck Bolland, FL) R Nac de Venez on 9529, first hrd 24/6 0033 IA mx, SP IDs, TCs between selections, 0100-0115 SP mx & spo ts, off in mid song at 0138; checked several nights but nothrd again till 30/6 at 0047 w/class mx, 0100-0115 SP mx, back to class mx, on past 0220, strong both times (Ron Howard, CA) I hrd it in morning on 9530 (gh) R Nacional, 9530, strong from 1100 w/Ven mx 1/7 after AFRTS s/off. R Occidente, 9753.7 F from *0955 to 1130 f/out w/mx, ads, 1/7, not daily (Ernie Behr, Ont) Timesig stn YVTO hrd on 11965 // 6100 QRMing DW SP, 9/7 0315-0325; hrd on two rx so either Panasonic image or YVTO messed up. I note also the Future Plans noted in WRTVH 82 for their auto announcing system seem to be complete. IDs minutely at 47 secs w/female, then time; couldn't catch if it was UYG, ending with 'cero segundos' (Tony Pavick, PA) Was in fact 11965 DW Antigua relaying 6100 fq where Malta & YVTO mix; surely Antigua could find a better fq to relay (gh) R Ideal, 5060, 1 kW at 1000-0400; addr is Av. Las Acacias, Torre de la Previsora, piso 27, Caracas, Dir-Gen is Luciano Landeta Lovera, stn says (WRTH-LA July)
- ✓ YUGOSLAVIA Tanjung reported that foundation stone for new R Yugo SW center was laid near Bi-P Jeljina, Croatia on 30/6; would be commissioned in 1984; 4 x 500 kW xmtrs (WBI 8/7) Final-Q ly got QSL from elusive RY after 2 yrs; how? Earlier this year I wrote to Yugo embassy in London complaining about RY; they said I should write again. I did, enclosing the embassy letter w/long report saying if RY do not reply I must conclude you do not wish to correspond with listeners. Strong stuff, but it worked! Stn sent card, sked, calendar, booklet on history of RY. Addr: 2 Hildendarskaa, Beograd (Robert Stafford, Jersey, WDXC Contact)
- ✓ ZAMBIA R CANDIP to 2000* on new 5090; LWZ off 15245 & 15350; at 0530 hrd on 7255 9770 11720 (Richard Ginbey, RSA, RNN 8/7)
- ✓ ZANZIBAR I think R Tanzania Zanzibar managed to get their new 60 kW xmtr installed rather quickly, for it has been fairly regular now on 3339 at *0300, there on any good Af nite w/ vy solid sig on many occasions; usually have Koran chants just after s/on (Steve Webster & Cedric Marshall, DK Ontario July) Much improved sig lately on 3339, possibly the Chinese on the islands have overhauled the xmtr; carries Dar es Salaam mx 1900, 2000* (Barracough SWN)

UNIDENTIFIED

3319 12/6 & 14/6 EG religious pgm to 2207* and 1855* resp, P-F; on 3321 9/6 same 1930-2005*, TWR Swaziland? (Play-DK, Italy)

4800 17/6 0420 "La Voz de..." something after Lara s/off or f/out; possibly OCY4S reactivated? (Rolf Lovström, Norway) 5709 sounds like Bolivia but maybe Peru, hrd during Cajamarca 5658 logging & later, tnx tip from Crawford, Guitar mx, lots of flutes; Dave that ID sounded like R Tatapi; I hrd ID 0202 that was one word w/6 syllables or 2 words w/3 each, 0128-0250 fade. Other OOB Bolivians not noted this night so maybe a Peruvian; definite Andean sound (Crawford & Reinstein, DKSF 24/6) 6300 at 0450, sounded like class mx, but not sure of anything: static level over S9 (Chuck Oliver, Spring TX) 7370 Rock mx, 12/6 0420, severe storm static but possibly WRNR; gone at 0500 check & no further activity on fq (Kirk Baxter, KS) 7410 11/7 0414, mx, M voice asking how well hrd; Q50; 0450 said would QSY to 11605, hrd more clearly on 11603, mx, audio checking; I quit listening at 0515 (Kirk Baxter, KS) 9515 Arabian, 27/6 1120-1133 W singing near eastern melody while man makes comments after every couple of bars; later instrumental mx, poor (Chuck Bolland, FL) 16/5 at 1130 on 9515, YL & OM comment w/mx, lang sounds Malaysian, may be RTMS Kuala Lumpur (Wayne Thompson, ASWLC)

CLANDESTINE CRANNY

Liberty appears to have ceased bc. Farewell bcs in EG & SP of 21/6 were repeated on 22/6, 23/6, 24/6. Last xmsn hrd was SP *2400 24/6 = 0000 25/6 (WBI 1/7) In answering listener query on 2/7, RAE claimed it had absolutely no connexion with Liberty nor had any idea where stn was (WBI 8/7) Miss Liberty in SF 20/6 to 2340* on 11740, not audible on 17738. Star Wars theme mx, more SP talk, "Yesterday" Theme and anmts, more unID mx to s/off. What's she up to? (Robert Mounce, TN) 17738 still noted at 0000 26/6 or 27/6 but not since. Never understood more than 2% of what she said, anyway (Ernie Behr, Ont) Re the steady "motorboating" noise on bcs of Argentine Annie, which was variously reported as Brit jamming-Santosuosso's article in Monitoring Times--or a crude attempt by Arg to simulate Brit jamming, I believe it was neither. Audio on Annie's sig showed all the tech characteristics of loss-fq microwave link STL. This would account for apparent jamming effect and nearly complete loss of higher voice fqs. They'd probably have been better off w/HF feed (Bob Rankin, Lawrence KS) Liberty may be "farewell" bc 21/6 in two versions, EG

1800 & 2200, SP 2000 & 0000. These were repeated 22/6, 23/6, 24/6, 25/6, 26/6. She was not on 27/6 and has not been heard since. Early in this final bc Liberty carefully took note of those peculiarities and mysteries surrounding her xmsns. Meanwhile, contrary to our previous conclusion, new evidence indicates that Liberty's technical problems were not caused by a faulty STL but rather cross-modulation, and what we reported as background noise was in fact cross-mod w/that jammer aimed at Radio Atlantico del Sur. This noise was first noted on Lib's carrier at 2340 t/in 21/6, only two days after RAS commenced opns; it was last hrd 15/6, the eve RAS made its final bc. The noise was gone the following nite but that 2nd bc stn could still be hrd in the background on Lib's carrier after she s/off 0044 until carrier went off at 0051. Similar reception was noted and taped 19/6, or 18/6 NAM time (SWNS)

R Falklands-Malvinas [Cf July LN] That addr in Ontario is fake; letters returned, address unknown (Steve Bonadio & John Fisher) Surprise

R Venceremos sent me two cassette tapes, Historia de RV and Interferencia RV, off-air recordings demonstrating effects of jamming; also assorted posters, QSL, 5 p of text which says RV first went on SW 10/1/81; before that, on 22/1/80 they were on MW w/hidden xmt in San Salvador using name R Revolucionario del Pueblo, no fq given. Jamming began 26/3/82; RV claims it originates from the Spruance class USN destroyer, The Caron, anchored in the Gulf of Fonseca. RV cites a 24/2 AP article dateline Washington which says the Caron relieved another US ship, the Deyo which contained advanced eqp for gathering intelligence and comms data. RV says J started because of several of its news stories--bodies of 4 Dutch journalists found and release of names of 33 periodistas said to be on hit list of para-military group

"Brigada Maximiliano Hernandez Martinez", 20/3 Brazilian cameramen were machine-gunned by righting forces. Six days later the J started & has continued regularly. Indeed, it is 29/6 I hrd RV at *0000 on 6852//6952. Salsa mx came on a few mins later on 6851, effectively QRMing & hitting RV on 6852. Mx stays on one fq for a while then jumps up to 6950/6951 and QRMs RV on 6952. My modified RF-4900 has decent selectivity and in the narrow filter mode can easily defeat the QRM but I imagine Salvs w/less expensive eqp would have a tough time separating the QRM from RV. Somedays J stays 2 kHz below RV fqs. In these cases, no het is hrd, only splatter. 29/6 TV *0000-0116* and jammer s/off only a second or two later (Steve Reinstein, FL, 29/6) Also got tape from their Nic addr, Apdo Postale 2363, Telcor "Los Escobros", Managua (Paul E Choroszy, Saco ME & Tom Gavaras, Plymouth MN) Tnx for printed material, Tom, which I translated on World of Radio (gh) I hrd that--why are they making such a fuss about one small jammer near their fq? Have they never noticed the hundreds of Communist jammers obliterating half the SW bands? And what about the jamming of R 15 de Sept & LV de Sandino, which originates in Venceremos' own backyard? A typical example of the Marxist double standard (Ernie Behr, Ont) RV continues hrd on 6952/6953, and 3/7 that for tech reasons wouldn't bc 0230 & 1200 pgs that day but would have spl pgn w/important info 4/7. 1/7 Havana carried communique signed by Commander Mercedes del Carmen Letrona Luisa who was responsible for the RV system, indicating RV would bc at irregular intervals under 'war conditions' (WBI 8/7) Hrd 4/7 0309 on 6852.5//6951.9, lower one stronger, neither jammed (gh) Prior to the report to Congress of El Sal's human rights record, R Venceremos had an EG message to US congressmen 28/7 0110, repeated 0325, on 6852 & 6952. The American-accented man had a list of h-r abuses over past year and an attack on Reagan and his El Sal policy (Robert Mounce, TN) Cong SWLs??

R Farabundo Marti 29/6 0106 on 7044, poor sig & lost quickly under hams. Found again 0124 on 7025; 0125 switched to 7028; 0130 7026, 0131 7027, 0132 7037, 0135 7025, 0133 7034 etc. Fq changes often too fast to follow! All the while being chased by the 'music jammer' from the Caron. I am pop mx appearing on same fq as RFM, then RFM moves until the mx hits again. Real cat & mouse game. Can't see how anyone can listen to this, since it sometimes takes nearly a minute to find them again. Seemed that it was easier to follow the jammer in order to find RFM! Think s/off was 0145, but not sure; couldn't find either after then (Steve Reinstein, FL) This stn hrd since 6/7 0100-0130 on fq varying 7030-7043 (WBI 15/7) What about jammer?

La Voz de Sandino In 0400 xmsn 14/6 on 6220, told listeners that if jammed, the natl directorate (of the FSLN) was afraid that the charges/denunciations would be hrd. (In case of jamming) LVS could always be hrd nearby up and down the dial at 0000 & 0400; not hrd since (WBI 24/6) Hrd again since 12/7 on 6222v6228, and 6200, sked as 0000, 0400, 1100, but only the first two half-hour xmsns have been confirmed. Anmts since 18/7 don't mention 1100 xmsn. V of Sandino claims to xmit "from our soil, in the heart of the Nic mtns" nad stated 13/7 it had been off the air 'for strategic reasons' (WBI 22/7) 21/7 0009-0037* on 6220, M&W, mostly country by M, anthem before leaving air, some ute QRM, but no signs of jammer which has bothered this one in the past. The only ID I hrd them use was R Revolucionario Sandino (Santosoosso)

R Quince de Septiembre and in near future would be hrd on new 4250, making 3 bands and fqs; now hrd on 6900 or 5566 (WBI 24/6) And 26/6 now on new addl fq 7415, but not traced there (WBI 8/7) Operational on 5565 & 6900 at 0230, but 6900 xmt has such weak mod I can't understand what they're saying (Steve Bonadio, Watertown NY, 4/7) Stn on 6900.0 in SP 0311 4/7 (gh) Guatemala/Mexico Guat TV stn Trecevision quoted Mex ofcls 8/6 that Guat insurgents had taken over a radio stn in Comitán, Tapachula (SE Mex near Guat border) and bc msg against Guat govt. First incident of its kind (in Mex) (WBI 24/6)

La Voz del CID (Cuba Independiente y Democrática) continues increasing airtime & pgming: GMT sked now incl: 5106 *1000 Mon-Sat; 5106 & 7350v, not always in sync & sometimes diff pgs, at *0100 Tue-Sun; 11700 via R Clarin *0000 Tue-Sat; 4980 via Ecos del Torbes, Tue-Sat time not and but usually hrd 0105+; 5106 at *0015 w/"Musica Libre" pgn Mon-Sat. And new pgn "Desfile Musical" hrd 0022-0100 on 7355 6/7, not //5106 at same time w/Musica Libre; Desfile is all I am mx as opposed to rock/disco format of Musica Libre. Ancr gave addr 0029 for reports on Desfile: Apartado 31-30, San Jose, Costa Rica. At 0100 went into IS, ID, and regular political pgn w/features Sinesis Noticiosa, Comentario, Trinchera de Ideas, Entrevistas y Reportajes, and spl feature "Se Llama Jose Marti". A curious item during CID pgn via Ecos del Torbes: 6/7 0107-0132 on 4980, anmt of fq 4980 was purged from ID/fq tape thus leaving 4-sec blank spot

before the OM said "banda de 60 metros." Other CID pgms on other fqs do annce 4980. The gap occurred thrice amidst three separate fq anmts on 6/7 bc so seems deliberate rather than purely accidental. Is Ecos del Torbes getting a bit touchy about identifying with anti-Castro militants? (Steve Reinstein, DX South Florida) This stn is really getting out worldwide, viz.: (gh) On 4980 at 0120, presumably via Torbes (Rolf Löwström, Norway, 17/6) 5106, *1005-1010, p 30/6, chime IS & ID, soon covered by RTTY (Hirahara, Japan, RNM) 5105, 1029 long SP political talk, 1041 ID, and fqs as 5100, 4960 [sic], 7350, first Aussie log? (Geoff Cosier & Nick Lock, SCDCX July) Lots of dates missing in SCDCX logs... (gh) 5105, 30/6 1000-1045+ SP nx, many IDs, fq anmts, ment 40m, probably referring to 7350v, not audible (Peter Bunn, ADXN July)

La Juventud Progresista Cubana/R Libertad Cubana Have hrd Comandante Cero (of LV de Sandino) mentd a few times by Mr. "LJPC", (whom John Santosuosso still believes is Comandante David). I maintain that there are/were at least 2 people using the nom de guerre of Com. David, because I have tapes of RIC w/men having totally different voices and claiming to be David, (Steve Reinstein, FL, 11/6)

LV de la Cuba Libre, 7190 14/5 0035, SIO 444 ID and giving this fq, sked as Mon & Thu 8pm (Jim Boehm, TX, SPEEDX July)

R Marti The House Energy & Commerce Committee Tues approved Reagan's plan for US propaganda bcs to Cuba, rejecting attempts by Reps Wirth, CO & Tauke, IA to make the project subject to FCC review. Their plan for FCC review was beaten by a 24-18 vote, and the bill then passed 23-3. Admn didn't want FCC involved in fq choice as that would entail delays (Al Gordon, Rocky Mtn News 14/7 via Bob Shrader, TX) And didn't want it to go on SW instead of MW 1040 kHz. Panel agreed 12-11 to amendment to let FCC set guidelines for compensating US stns for losses suffered due to Cuban QRM (UPI 14/7 via Alpert)

Spy Numbers Re June LN on violin mx stn w/musician on speed, hrd it at 0300 on 6822 last nite --mx was Russian or Ukrainian "chopak", male-only dance, acrobatic, sounds like record my father has of Moiseev Russian Folk Troupe tho this doesn't shed lite on origin but at least we know mx is not self-originated. Ancr says "terminAT", final stress typical of Slavic langs (Joseph Slomka, Albany NY) 6824 unID 0000v in A3H, #s in Romanian, "Terminat, terminat" by OM, freat avant-garde mx, like something from Edgar Varese! (Steve Reinstein, DX S Florida) On 17966 USB hrd long 5-letter groups in EG, 2000-2035, 2045-2133 on 8/6 and other days (Ernie Behr, Ont) When letters are used in that way they are assumed to be substituting for #s--probably no more than 10 of them altogether (gh)

R Solidarity made brief but defiant return to air 13/7 just two days after Poland's martial law authorities said they had silenced it for good. BC for 3 mins before interrupted by strong pop mx signal presumably emitted by authorities. Ancr said there would be no further bcs for two months. In a 10-min pgm on Sunday, State-run TV detailed arrest of 7 people involved w/illegal bcs, and capture of xmtrs. R Solidarity confiremd arrest of previous ancr, Belgian Irena Romaszewska, and two others (Reuter, Warsaw, 13/7 via David Alpert) Polish TV reported 7/7 that two days previously, Warsaw Security Service arrested 'yet another' group of R Solidarity organizers, incl ancr and a Belgian citizen. Polish TV alleged that he [sic] had brought into Poland medicines and medical eqp incl apparatus for measuring blood oxygen--inside it was a VHF radio xmtr. He also had circuit diagrams hidden in his socks. 11/7 PAP quoted TV that R Solidarity's taped pgms had been xmited from top floors of high-rise apt bldgs in ten different Warsaw locations (WBI 15/7) RNMN 22/7)

Voz da Africa Livre per Brit nxpaper the London Observer broadcasts from Transvaal (Sennitt, Voice of Free Sahara, try this addr: Polisario Front, B. P. 10, El Mouradia, Algiers, Algeria Now daily 2200-2300; elsewhere at 2100-2200; Fransson, Sweden hears it on 15190; also try other Alg SW fqs (John Campbell, RNMN 22/7)

Corner of Arab Egypt replaces Voice of Arabism, R Baghdad pgms since 9/7, daily on 1035 only at 2000-2140. V of Palestine at 1600-1700, V of Arab Syria 1800-2000 hrd on 1116 & 1035 (WBI 22/7)

V of Palestine. V of the Palestine Revolution Since 3/7 this Beirut-based stn controlled by PLO hrd on new fq, 1140 kHz, // 1150 to 1955*; 1270 & 1162 not obs during current crisis in the Lebanon. VOP ancd two EG nx, 1100 & 1500; Hebrew 1530, the news flashes thruout day in that lang in addn to normal AR pgms. Currenly on air continuously 0400-1955 tho ancing 0400-0630, 1000-1300, 1500-1900 (WBI 8/7)

V of the Turkish Communist Party noted on 11818.6 since 20/6, *0150 IS & TK to 0250*. Since 1/7 also has another TK pgm at 0300-0350*, perhaps Bizim Radyo, vy weak w/BBC QRM; from Romania or East Germany? (Ernie Behr, Ont)

Voice of Iran On 29/6 Radio Iran detailed the 'other' xmtr of the Natl Resistance Movement of Iran--called VOI, daily 1930-2000 on 25m; so far unhrd there but on 9605 (WBI 8/7) It has now been established that there are two "VOI" stns, one at 1930-2000 on 11640 which like R Iran supports ex-premier Bakhtiar; the other hrd since 3/81, pro-monarchist at 0330-0400 on 15315, 1805-1900 9785 9605 (WBI 15/7) So 9605 ref three lines up applies to wrong stn (gh)

V of the Mojahedin-e Khalq tho hrd between 6800 & 6850 kHz 22/6, obs 23/6 during 1700-1800 & 1830-1930 xmsns on 6710 (WBI 1/7) Now drifted down to fq varying 6650/6750 for 1700-1800 & 1830-1930, same range used for V of Iranian Kurdistan 1330-1545 (WBI 15/7) These two stns hrd 15/7 & 16/7 on two fqs, one 6670-6720, other ranging 7500-7550 (WBI 22/7)

NORTH AMERICAN PIRATES WCRS 4/7 0144 on 6975, disco mx but then it got better, Beatles, gave Watertown MA addr; 0215 how to make dipole, 50s mx (Steve Bonadio, NY) New stn hrd on 6975 4/7 0203, "World Community Radio Service", G audio on mx, but extremely poor on voice; long unintelligible talks; vy str sig, SIO 444, 0325* saying QRSB would be on at 0330 on 7425. WCRS, as it sounded, again at 0530 w/even stronger sig, Beatles, correct time at 0537, but ute QRM also stronger, 0601* after advising to tune to 7425 for another stn. 5/7 0438 on 6974, as before, 0447 long monolog, and at 0500, 0530*. 6/7 0327 on 6975, SIO 433, somewhat distorted but G reception on ICF 2001

w/just whip ant, but needed Drake ECSS/LSB to get rid of QRM. Variety of rock but child anmts between, soft & hi pitched voice absolutely incomprehensible. Bad enough to have to fight static and ute QRM without stns using unusual voices. I gave up at 0445 (Kirk Baxter, KS) WCRS hrd 5/7 6975a, 0455, Beatles, fqt IDs, long talks, off 0530 but back on 0545-0700+ (Bob Streeter, NY) I can forward mail to this one (Scott McClellan, Box 982, Battle Creek MI 49016) Also hrd here 4/7 0245 on 6974.75, says is ex-WHFO; lecture on pirate radio, ment previous reports, Beatles; 0307 ID, fq as 69-75, "Yesterday"; 0325 distorted mod on voice, 0328 plug-in QRSB next at 0330 on 7425, and so it was; again at 0530 (gh)

QRSB hrd 1/5 1800 on 14450, off 1816, addr as Box 4948, Arcata CA 95521, rp required for QSL. Reasonable sig, tnx Bares who rxd letter from stn. My 50th NAM pirate. Also reportedly uses 14570, 7425 (Scott McClellan, MI, 5/5) Sorry this got delayed! (gh) Hrd just like WCRS said, 4/7 0330 on 7425, very pr sound, probably pgm mixed at comml stn; IS, Arcata addr, parody of fast-talking ad, 0343*, SIO 333. More stns like this which have their pgming together would be great (Kirk Baxter, KS) 4/7 0334-0341 on 7425, G sig, "We Want the Airwaves" tune; stn always seems to have vy short bcs, don't know why (Steve Bonadio, NY) Bet I do (gh) Hrd 0330 ~ 7425 mx starting after OC, weaker than WCRS but local T-storm starting here (gh)

R Indiana 4/7 0344 on 7425, only lasted a few mins; 0432 on 7390, SIO 222, s/off before 0453 (Steve Bonadio, NY) 4/7 0316 on 7424 ID, test? On & off several times; 0344 on 7423, ID, testing (Kirk Baxter, KS)

V of the Pyramids 0513 4/7 on 6280, op believes in repeating things too often (Steve Bonadio, NY) 4/7 0500 on 6280, 444, audio as clear as QRSB, and good mod; opened w/IS, then several rock songs; 0514 said 100 watts (or 400?), Battle Creek addr; drifting down in fq and xmtr trouble after 0520; ID & 0523* (Kirk Baxter, KS) 0502 on 6279+ 4/7 rock, presumed this; yes, 0508 ID, 0514 ID & addr, fq as 6280, 0522 ID, 100 watts (gh)

V of Syncrom 4/7 on 7373.5 0407, G sig, talk about Lani Pettit, "Psychotic Reaction" song, finale "Catch us if you Can", to 0425* (Kirk Baxter, KS) Hrd 4/7 0409-0425* on 7373, weak to fair strength but low audio, opo & rock songs, 0411 said spl Indep Day pgm (Mark Warner, UROGBANI, WKOC Contact) Not clear if he logged it or quoting Gregg Bares (gh)

WOOF 4/7 0611 on 7425, vy vy weak; WOIS 0633 4/7 on 7415 + 5, humorous 'interview' w/Victor Goonetilleke & Arthur Cushen and a song called "Go to Hell" dedicated to members of Numero Uno & Fine Tuning; does this mean open warfare? (Steve Bonadio) Neither hrd here tho tried (Baxter, KS)

Pirate QSOs also 4/7 at 0355 & 0538 around 7425 kHz, using phonetic calls EE, YN, CO, DL, E, and RFR, RM--all on AM except RFR (Steve Bonadio, NY) Also hrd some QSOs, CQs, 7425 0530 (gh) WPOT 2/7 0247 on 6815, SIO 333, positive ID 0302, fair audio, G sig here, rock, "Shortwave Music Radio" as in past, to 0334*; 3/7 0215 on 6815, G sig, 322, but severe static, phone at 0232, maybe 516-654-9906; 0233 radio play; "Staying Alive", 0250* (Kirk Baxter, KS) 2/7 0331* on 6815a, fq ancd, after cuts from Loverboy album (SWNS)

Pirate Radio Central I've hrd that this and another NYC area stn were busted in Apr; no other info yet (Scott McClellan, MI, 5/5) DK Ontario July)

V of Free Radio 19/6 0556-0559*, "Rebel Rouser", ID & s/off til next week, F-G (R McVicar,

PUBLICATIONS

AM/FM/TV Station Guides Since Communications World demise, I and I am sure many others have been looking for list of NAM MW, FM TV stns. Do you know of any such? (Andy Reid, Peterborough Ont) Yes, and they have been mentioned here as published--best to get FM Atlas, NRC Domestic Log for AM, and WTPDA Stn Directory for TV; however all three are covered w/less detail in NAM Radio TV Stn Guide by Vane Jones, a Sams pub, and in three formats--fq, location and call. Also, Broadcasting magazine is now advertising Across the Dial listing US & Can AM/FM/TV stns, for fast ref, w/formats, TV nets. \$3.95 for 1-4 copies plus \$1 postage & handling, a "Handy-dandy looker upper", they say. Order from 1735 DeSales St NW, Washington DC 20036 (gh, ad via Walcutt from 28/6 BCING mag)

Oregon Broadcast Band Guide, 24p FRENDX-size booklet contains details on stns, cross references and map, nicely done. \$2.50 + 40¢ postage & handling (outside US), \$2.50 in US funds + 3 IRCs (for airmail) from Frank Aden, Jr., 4514 SE 83rd Apt 5, Portland OR 97266 (gh)

Galaxy Electronics invites NASWAs to obtain their new free summer-sale catalog of scanners, SW rx, fq directories, etc.; Sony, Panasonic, Yaesu, Kenwood, Bearcat, Regency; Box 1202, 67 Eber Ave., Akron OH 44309 (Robert A Leary, Galaxy pres)

Time & Frequency Standard Stations, 28p offset, a little smaller than FRENDX, in fq order; 24h stns, time order and addr, \$2.50 ppd in NAM, \$3.50 ppd airmail overseas, IMO preferred. Also have Prepared Form Cards to encourage ute QSLs, info on either or both for SASE (Bill Potorti, 912 Plumas St, Reno NV 89509)

Invitation to Electronics 1982, premier issue of Popular Electronics pub is now on newsstand; an annual quite similar in scope to former Comms Handbook. Covers video, computer, personal comms systems, and section for SWL/DX hobbyists, "Hobby Comms for Fun & Safety", pp 78-93. Within this section are several pp, 78-84 devoted to SWL scene, incl basic radio theory, superhet rx, ants, rx selection and DXing the SW bands (Rufus Jordan, PA, 1/7)

99 Ways to Improve your Shortwave Listening by Len Buckwalter, published by Sams, has projects such as ant tuner, crystal calibrator, headphone amp; also discusses SW subjects like timezones (Chuck Bolland, FL)

Practical RF Communications Data for Engineers & Technicians by Doug DeMaw, published by Sams. A little more technical but has plans for rx & xmtrs and ants; and for two noise blankers, that with just a little study one could build (Chuck Bolland, FL)

Popular Communications, new mag which is to include SWL/DX section, supposed to bring out first issue in Aug or Sept, ed by Tom Kneitel; charter sub offer of \$11 for one year, \$20 for two years, \$30 for three, option to cancel for full refund; Visa/MC accepted. 76 N Broadway, Hicksville NY 11801; 516-681-2922 (via Rufus Jordan, and ASWLG)

Review of International Broadcasting Nothing like it if you want quick and thorough coverage of SWBC scene and advance program listening tips. Samples \$1.25 in NAM from Glenn Hauser. 73!

QSL REPORT

Sam Barto
NASWA QSL Editor
460 Emmett St. B-19
Bristol, CT. 06010 USA.

ANARC-82: By the time you read this column ANARC-82 will of taken place. Happy to meet everyone in Montreal and hope we all brought back many fond memories...Sam. Will Montreal ever be the same again.



ALBANIA: Radio Tirana 7120 f/d "Flag" cd. in 84 ds. afterf/up and 2 IRCs. (Bryant-OK). same in 84 ds. for an EG rpt. (Oskenoff-CA).

ANTIGUA: BEC 6175 n/d "Bridge" cd. in 6 wks. Site was typed on cd. (Field-MI).

ARGENTINA: Radio Al Exterior 11710 blue cd. in 1 mo. w/ tourist info. (I won't be going!) v/s Carlos A. Alais Rumbado. (Kirkland-ONT). 6060 p/d cd. in @ 1 mo. for a SP rpt. (Palmer-shelm-MN). LOL 15000 p/d cd. in 2 mo. for a SP rpt. and 1 IRC. (Glikman-IL).

ARMENIAN SSR: Radio Yerevan 17870 f/d white and blue cd. in 139 ds. (Eastman-TX). f/d cd in 50 ds. for 2 IRCs. Schedule and station pennant rcvd. (Bryant-OK).

ASCENSION ISLAND: Radio Atlantico del Sur 11820 non-verie ltr. in 15 ds. and a cd. in 22ds Rpt. was for a program similar to 9710 w/ "Nueva Estacion Radio Atlantico del Sur ment-

* ioned frequently prior to 2359 GMT on 5/19. According to the ltr. the station went on the air one minute later on 9710 on 5/20. I must of heard the program about the station! Ltr. was from Ministry of Defence, Main Bldg., Room 5346, Whitehall, London SW1A 2HB. Card was from P.O. Box 408, London. (Craig-head-KS)...Thanks...Sam. 9710 n/d "Map w/ Beam" cd. in 20 ds (Palmer-shelm-MN). cd. in 31 ds. (Gavaras-MN). Voice of America 17830 f/d "Bridge" cd. in 28 ds. (Palmer-shelm-MN).

ASIATIC RUSSIA: Radio Moscow via Khabarovsk on 12050 f/d cd. in 53 ds. (Bryant-OK).

AUSTRALIA: Radio Australia 15410 via Carnarvon f/d "Black Swans" cd. in 17 ds. v/s Peter Barnett. (Glikman-IL). via Lyndhurst on 15160 f/d "Kookaburras" cd. in 2 wks. for 1 IRC. (Palmer-shelm-MN). 5995 same cd. in 15 ds. (George-NC). 21680 via Shepparton f/d "Regent Bowerbird" cd. in 20 ds. (Loh-AZ). 17795 f/d cd. in 4 mo. (Whysel-

AUSTRIA: ORF 21620 f/d "Contemporary Austrian Art" cd. in 2 mo. (Choroszy-ME). 15560 CT) same cd. in 85 ds. for 2 IRCs. Sticker rcvd. (Bryant-OK). 5945 f/d "Sunset" cd. in 14wks (Whysel-CT). 9770 f/d "Austrian Challenge" cd. in 72 ds. w/ sticker. (Palmer-shelm-MN).

AZERBAIJAN SSR: Radio Moscow via Baku 11920 f/d "Moscow at Night" cd. in 52 ds. (Meyer-VA).

BELGIUM: BRT 21810, 11695 and 9870 f/d form ltr. in 1 mo. (Barto-CT). 11695 same in 26 ds.

(Whysel-CT). 11695, 15360 and 21525 f/d cds. in 18 ds. w/ sticker. (Palmer-shelm-MN).

* Radio Del Mare 6205 cd., ltr. and sticker in 16 ds. for 2 IRCs. (Warner-UK).

BELIZE: Radio Belize 3285 f/d "Map" cd. in 17 ds. for 2 IRCs. v/s N. Johnson. (Palmer-shelm).

BENIN: Voix de la Revolution 4870 f/d cd. in 109 ds. for a FR rpt. and 2 IRCs. Also rcvd.

a second QSL for the same rpt. 116 days later! (Tutak-NJ).

BOLIVIA: Radio Nacional 5974 via Cochabamba n/d personal ltr. in 3 1/2 mo. for a SP rpt. and

* ms. v/s J. William Block B.,

Director. (Lazarus-LA)...Nice!

BONAIRE: Radio Nederland 6165 and

9590 f/d "Country Inn" cd. in

67 ds. w/ pennant and sticker.

(Palmer-shelm-MN). Trans World

Radio 9755 f/d "Studio" cd. in

23 ds. for 2 IRCs. v/s Theresa

Goehring. (Kononchik-CT). 9755

f/d "Antenna" cd. in 78 ds.

for 1 IRC. Sticker rcvd. (Boone-

TX).





BONAIRE: Trans World Radio 11755 f/d "Antenna" cd. in 45 ds. for ms. v/s Bob Hoka. (Stephany-NY). 11815 same cd. in 50 ds. (Tekulve-OH).

BRASIL: Radio Nacional do Brasil 17830 "RadioBras" cd in 140 ds. for an EG rpt. (Stephany-NY). cd. in 64 ds. v/s R. Hrzwedof. (Tekulve-OH). **Radio Clube de Ribeirao Preto** 15415 ltr. in 3 wks. for a PT rpt. and 1 IRC. v/s Jose I.G. Pizani. Sticker rcvd. (Gliksmann-IL). personal ltr. in 18 ds. for a PT rpt. and ms. (Lazarus-LA). 3205 f/d ltr. in 192ds. * for 2 IRCs. (Meyer-VA). **Radio Nacional de Cruzeiro do Sul** 4765 n/d ltr. in 5 mo. for a PT rpt. v/s * Ana Maria Carneiro do Matos. (Field-MI). **Radio Nacional de Sao Gabriel** 3375 n/d ltr. in 5 mo. for a * PT rpt. (Field-MI). **Radio Marumby** 9675 f/d personal ltr. in 2 mo. after a f/up rpt. v/s Robertson Da Silva Cardoso. (Lobdell-MA).

BULGARIA: Radio Sofia 9700 f/d "Nessebur" cd. in 85 ds. Schedule rcvd. (Okszenoff-CA).

CAMEROON: Radio Garoua 5010 f/d form cd. in 133 ds. for a FR rpt. and 1 IRC. (Meyer-VA).

CANADA: BBC 6120 n/d cd. in 6 wks. (Field-MI). CHU 7335 p/d "Sir Sanford Fleming" cd. in 60 ds. (Dillaman-MI). CFVP 6030 f/d "Downtown Calgary" cd. in 18 ds. w/ personal ltr. and stickers. 100 watts! v/s Judy McGregor. Finally QSLed all Canadian Swears

(Palmersheim-MN). CFRX 6070 p/d "Boat" cd. w/ sticker in 12 ds. (Whysel-CT). CFCX 6005 p/d "Montreal Skyline" cd. in 56 ds. (Dillaman-MI). same in 90 ds. (Stephany-NY).

CHILE: Radio Patagonia Chilena 6080 f/d plain white cd. in 1 yr. * for a SP rpt. and ms. v/s Luis Arturo Ojeda, Director. This was after my 3rd f/up rpt. (Lazarus-LA). same in 3 wks. for a SP rpt. and 2 IRCs. (Howard-CA).

CHINA: Radio Peking 17680 f/d cd. in 14 ds. Pennant rcvd. (Whysel-CT). f/d "Tai Ho Hall" cd. w/ bookmarks in 18 ds. (Hosmer * -MI). **Guiyang PBS 7275 f/d "Fragrant Hills Park"** cd. in 17 ds. via Peking. Panda bookmarks rcvd. (Palmersheim-MN).

CONGO: RTVC 15190 ltr. in 8 mo. v/s Stephy Richard Koua, Le * Chef du Service. (Kirkland-ONT).

COOK ISLANDS: Radio Cook Islands 11760 f/d white cd. in 35 ds. for 2 IRCs. v/s Nooroa E. Tangaroa, Director and Chief Technician. (Eastman-TX). special DXcursion cd. in 34 ds. for 2 IRCs. (Streeter-NY).

COSTA RICA: Radio Casino TIQ 5954 f/d cd. in 80 ds. w/ pennant for an EG/SP rpt. and 1 IRC. (Loh-AZ). same in 3 mo. w/ pennant for a SP rpt. and 1 IRC. (Palmersheim-MN).

CUBA: Radio Moscow 11840 via Habana f/d "Hotel Rossiya" cd. in 48 ds. (Hosmer-MI). f/d "Red Square" cd. in 1 mo. (Palmersheim-MN). same in 50 ds. w/ program schedule. (Tekulve-OH).

CYPRUS: BBC 6180 p/d form ltr. in 1 mo. direct from station. v/s H.R. Lemmon. (Palmersheim-MN). CBC 6155 f/d "Venus" cd. in 57 ds. for 2 IRCs. (Palmersheim-MN). **Radio Bayrak** 6152 folder cd. w/ tourist info. in 31 ds. for 1 IRC. v/s Hakkı Suha, Director... This is actually know as The Turkish Federated State of Cyprus. (Warner-UK).

DENMARK: Radio Denmark 15165 f/d temporary paper cd. in 46 ds. for 2 IRCs. v/s Lulu Vittsup. (Bryant-OK).

DODECANESE ISLANDS (Rhodes): VOA 6015 cd., ltr. and sticker w/ 40th anniversary plastic ruler in 20 ds. (Warner-UK). 5965 f/d "Bridge" cd. in 16 ds. (Palmersheim-MN).

ECUADOR: HCJE 15155 f/d "Cleome Spinoza" and "Hibiscus" cds. in 6 wks. (Lobdell-MA). same in 1 mo. w/ stamps and pennant. (Roser-PA). f/d "Tuna Rosada" cd. in 98 ds. v/s Thomas D. Fulghum. (Tekulve-OH). 26020 f/d cd. in 77 ds. (Sarkisian-MI). 15155, 15175 and 17885 f/d "Tun" cds in 58 ds. for US ms. (Stephany-NY).



You dope...the antenna goes up the other way!!!

الاذاعة الكويتية
KUWAIT BROADCASTING SERVICE
MINISTRY OF INFORMATION
via Don Rosmer



Hurry up and repair that shortwave set. You do want to be rescued - don't you?

ECUADOR: Radio Jesus del Gran Poder 5050 n/d personal ltr. in 1 yr. for a SP rpt. and ms. Also rcvd. a small red, white * and blue pennant. v/s R.P. Jorge Enriquez Silva, Director. (Lazarus-LA). same w/ pennant in 9 mo. for a SP rpt. and ms. Note: Add "Apat. 133" to WRTH address. (Howard-CA). in 10 wks. for a SP rpt. Pennant rcvd. (Field-MI). Radio Quito 4920 n/d folder cd. in 29 ds. for 2 IRCs. and a SP rpt. v/s Alfonso Laso. (Palmerheim-MN). HD210A 7600 p/d "Sundial" cd. w/ form ltr. in 1 mo. for 1 IRC. v/s Homero Arellano Lascano, Jefe Division, Ayudas a la Navegacion. Station pennant was also rcvd. (Glikman-IL).

EGYPT: Radio Cairo 9475 f/d "Cairo Hilton" cd. in 81 ds. for 2 IRCs. (Bryant-OK). same cd. in 10 mo. (Prokop-OH). 12000 f/d "Mosque" cd. in 107 ds. for 2 IRCs. (Tutak-NJ). same in 107 ds. w/ calendar. (Tekulve-OH). 9805 cd. in 6 mo. (Whysel-CT).

EL SALVADOR: Radio Venceremos 6905 f/d prepared cd. w/ info. sheet in 8 mo. for a SP rpt. and ms. v/s Rolando Martinez, * Responsible en el Exterior. Addr: Apto. Postal 7-907, Mexico, D.F., Mexico. (Lazarus-LA). 6907 same info. as above but envelope bears typewritten address on the back for Apto Postal 2363, Telcor Los Escobros, Managua, Nicaragua. (Berg-MA). n/d ltr. in 80 ds. for a SP rpt. and Mexican ms. Poster was rcvd. (Gavaras-MN).....Thanks!!!

ENGLAND: VOA 7200 via Woolferton f/d cd. in 7 ds. (Dillaman-MI). BBC 9410 n/d "Bridge" cd. * in 40 ds. (Palmerheim-MN). 11750 same in 58 ds. for 2 IRCs. (Bryant-OK). Radio Kristel * 6223 form ltr. in 24 ds. for ms. (Warner-UK). Radio Poacher 6350 personal ltr. in 11 ds. * for an SASE. (Warner-UK). UK Radio 7352 ltr. in 25 ds. for ms. (Warner-UK).

EQUATORIAL GUINEA: Radiodiffusion y Television de Guinea

Ecuatorial 6250 via Malabo n/d "Thank you for * your report" ltr. in 8 1/2 mo. for a SP rpt. and 2 IRCs. v/s Matias Ovono Engonga Nsang. (Lazarus-LA).....Great!

EUROPEAN RUSSIA: Radio Moscow 9610 via Tula f/d "Unknown Soldier" cd. in 60 ds. (Oksenoff-CA). 12000 f/d cd. in 25 ds. (Choroszy-ME). 9580 via Starobelsk f/d cd. in 51 ds. (Oksenoff-CA). 5920 via Armavir f/d "Festive Moscow" cd. in 60 ds. (Oksenoff-CA). 11950 via Kazan f/d cd. in 54 ds. (Oksenoff-CA). 7110 via Ivano-Frankovsk f/d "Hotel Rossia" cd. in 47 ds. (Oksenoff-CA).

FEDERAL REP. OF GERMANY: Deutsche Welle 5960 f/d "New Broadcast Centre" cd. in 56 ds. for 2 IRCs. (Bryant-OK). 9565 n/d "Logo" cd. in 32 ds. w/ sticker and pennant. (Palmerheim-MN). 9590 cd. in 27 ds. w/ pennant. (Stephany-NY). * Sud West Radio 6280 "Compass" cd. in 51 ds. for 2 IRCs. (Warner-UK). German Music Radio * 6550 cd., information sheet, ltr. w/ stickers in 86 ds. for 2 IRCs. (Warner-UK).

FRANCE: Radio France International 25820 f/d "50th Anniversary" cd. w/ pennant in 3 wks. (Palmerheim-MN). 17860 same in 21 ds. w/ sticker for 1 IRC. (Hosmer-MI).

FRENCH GULANA: FR3 5055 f/d "Map" cd. in 48 ds. for an EG rpt. and 2 IRCs. (Bryant-OK).

GEORGIAN SSR: Radio Moscow 15305 via Tbilisi f/d "Red Square" cd. in 37 ds. (Oksenoff-CA).

DONT FORGET TO SEND ME AN SASE IF YOU ARE INTERESTED IN ATTENDING NEADXO-82.....Sam.



THE WORLD'S WATER

RNI

RADIO NORWAY

RADIO NORWAY

"Restad QSL card"

QSL

All the water - and energy - which runs off the land into the sea in Norway is harnessed by a hydroelectric power. Just as well that not all of it can be harnessed by these power stations. The sight of this gigantic spring, cleaning of the Norway's mountains is awesome in its stark beauty.



Gee, I'll go crazy with nothing but my shortwave radio to play with!!!

IRCs. (Hosmer-MI), same cd. in 82 ds. for 2 IRCs. (Palmerheim-MN). in 6 mo. for ms. (Leithner-TN).

INDIA: All India Radio 15335 "Mughal Garden" cd. in 108 ds. (Tekulve-OH).

IRELAND: Westside Radio 6280 f/d cd. in 27 ds. for 2 IRCs. 80watts! (Streeter-NY). (Mayer-PA).

ISRAEL: IBA 11640 f/d "Map" cd. w/ schedule in 45 ds.

ITALY: Italian Broadcasting Corp. 11585 f/d green

* "Logo" cd. w/ sticker in 1 mo. for an EG rpt. and 1 IRC. (Valko-PA), same in 33 ds. for 1 IRC. (Buer-FL).

JAPAN: Radio Japan 17755 f/d "Danzan Shrine" cd. in 1 mo. (Palmerheim-MN). Far Eastern Network 6155 p/d "Logo" cd. in 16 wks. (Palmerheim-MN).

JAVA: Voice of Indonesia 11790 p/d "Balinese Couple"

* cd. in 97 ds. (George-NC). RRI Sumenep 3355 long f/d ltr. in IN for an IN rpt. and 3 IRCs. This was in 97 ds. Can anyone translate for me? (Meyer-VA).

KENYA: Voice of Kenya 4915 f/d ltr. in 29 ds. for 2 IRCs. (Reinstein-FL).

KOREA, PEOPLES REPUBLIC: Radio Pyongyang 9977 f/d cd. in 51 ds. for 2 IRCs. (Bryant-OK).

KOREA, REPUBLIC OF: Radio Korea 9570 f/d "Summer Olympics" cd. in 21 ds. for 1 IRC. (Hosmer)

KUWAIT: Radio Kuwait 11675 f/d folder cd. in 35 ds. for 2 IRCs. Sticker rcd. (Hosmer-MI). same cd. in 50 ds. (Tekulve-OH). f/d folder cd. in 43 ds. (Meyer-VA).

LIBERIA: Voice of America 17870 Monrovia f/d cd. in 11 ds. (Boone-TX). 3990 f/d "Bridge" cd. in 1 wk. (Palmerheim-MN). ELWA 4765 f/d cd. in 114 ds. v/s F. Manuel. (Cramton-IL). LBS 3255 f/d cd. w/ personal ltr. in 44 ds. for ms. v/s Thomas Snorton, Maintenance Engineer

MALAGASY REPUBLIC: Radio Nederland 15220 f/d "Art" cd. in 55 ds. (Hosmer) (Choroszy-ME).

MALAWI: Malawi Broadcasting Corp. 3380 blue f/d form ltr. in 1 mo. for 2 IRCs. (Valko-PA). personal ltr. in 33ds for 2 IRCs. v/s H.R. Chirwa. (Streeter-NY).

MALTA: Deutsche Welle 15105 n/d cd. in 45 ds for 1 IRC. (Hosmer-MI). International Christian Radio via Radio Mediterran 9515 f/d CN Tower cd. in 75 ds. for 2 IRCs. (Bryant-OK) same in 100 ds. (Dillaman-MI).

MEXICO: Radio Mexico XERMX 15430 f/d "Logo" cd. in 102 ds. for an EG rpt. (Boone-TX).

GERMAN DEMOCRATIC REPUBLIC: Radio Berlin International 15170 f/d "Rostock" cd. in 36 ds. for 2 IRCs. (Bryant-OK). 21465 "Privatbesitz" and "Lampionumzug" cds. in 33 ds. (Tekulve-OH)

GHANA: Ghana Broadcasting Corp. 4915 via Accra f/d cd. in 70 ds. for 2 IRCs. (Bryant-OK).

GREECE: Voice of Greece 15595 f/d "Kythera" cd. in 84 ds. (Reinstein-FL). 9865 f/d cd. in 24 ds. (Whysel-CT). Radio Stathmos Makedonia 15040 f/d "Aghios Nicolaos" cd. in 26 ds. for 2 IRCs. 35kws. (Reinstein-FL). f/d cd. in 15 ds. for 1 IRC. This was a VOG cd. w/ station info. crossed out and this station name written in. (Fisher-MA).

GUAM: Trans World Radio KTWR 11840 f/d "Antenna Farm" cd. in 18 ds. for ms. v/s Debbie Blosser. (Dillaman-MI). same cd. in 9 ds. (Hosmer-MI).

GUYANA: GBC 5950 f/d form ltr. in 101 ds. for ms. (Cramton-IL).

HAITI: Radio 4VEH 11835 f/d "Studio at Vaudreuil" cd. in 26 ds. for ms. v/s Edna Beachy, QSL Secretary. (Stephany-NY). same in 118 ds. w/ sticker. (Tekulve-OH). in 19 ds. (Boone-TX).

HAWAII: WVVH 15000 f/d "Boat" cd. in 12 ds. v/s C.L. Trembath. Engineer in Charge. (Mayer-PA). same in 2 wks. (Kirkland-ONT).

HONDURAS: HRVC La Voz Evangelica 4820 "Logo" cd. in 16 ds. for a SP rpt. and 2 IRCs. v/s Cindy Maradiaga. (Hosmer-MI).

ICELAND: ISBS 13797 f/d "Autumn Landscape" cd. in 21 ds. for 2



Radiotelevision Dominicana

Santo Domingo, República Dominicana - P.O. BOX 900

via Dave Valko

Gracias por haber nos reportado

nuestra transmisión en la fre-

cuencia: 9505 KHz del

día: 20 - Junio - 79

Sus detalles sobre ésta son

correctos. 735 J.R.C.

RADIO ATLANTICO DEL SUR

BRINGING TRUTH
TO THE FRONT

from the Craighead collection

also sent in by Tom Gavaras

SCHEDULE

AM 9700 KHz 0830 - 0930 GMT
PM 9710 KHz 2300 - 0200 GMT

Radio Atlantico del Sur, P.O. Box 408, London, UK.



MEXICO: Radio Mexico XERMY 15430 f/d cd. w/ sticker in 67 ds. (Bryant-OK). in 45 ds. for a SP rpt. and ms. New Addr: Apt. * 24306, 06700 Mexico D.F. (Stephany-NY). Radio Educacion XEEP 6185 n/d ltr. in 10 wks. for a SP rpt. v/s Gustavo Carreno Lopez. (Field-MI).

NEPAL: Radio Nepal 9590 f/d cd. via registered mail in 18 mo. (21 ds. after a f/up) v/s B.P. Shivakoti. (Streeter-NY). in * 472 ds. for an EG rpt. and 3 IRCs. v/s K.B. Khatri, Chief Engineer. Also rcvd. a very friendly personal ltr. from Prachanda M.S. Pradham, Chief Editor. (Hensley-TX).

NEW IRELAND: Radio New Ireland 3905 via Kavieg f/d personal ltr * in only 20 ds! for 2 IRCs. (Bryant-OK).

NEW ZEALAND: Radio New Zealand 15485 f/d "Wellington Skyline" cd. in 52 ds. for 4 IRCs. pennant rcvd. v/s Mr. Hill. (Dillaman-MI). 17705 f/d "Steam Rising from a Crater" cd. in 36 ds for ms. (Reinstein-FL). f/d "Native Sculpture" cd. in 59 ds. for 3 IRCs. Pennant rcvd. (George-NC). f/d "Fishing" cd. in 39 ds. for 3 IRCs. (Hosmer-MI).

DONT FORGET TO SEND IN AN SASE IF YOU ARE INTERESTED IN ATTENDING THIS YEARS VERSION OF NEADKO-82.... Sam.

Scram - this is a one man job!

NIGERIA: FRCN 4770 via Kaduna f/d form ltr. in 40 ds. for ms. v/s Ismaila Mohammed. (Reinstein-FL). 6050 via Ibadan f/d form ltr. in 55 ds. v/s A. O. Kumuyi, Assistant Director Kwara State Broadcasting Service 7145 via Ilorin f/d form ltr. in 27 ds. direct from station. v/s H.O. Adewuyi, Technical Officer. (McDaniel-IN).

NORWAY: Radio Norway 25615, 25730 and 26035 f/d "Rostad" cds. in 5 wks. (Barto-CT). 15175 p/d "Mountain Spring" cd. in 27 ds. (Whysel-CT).

PAKISTAN: Pakistan Broadcasting Corp. 21802 "Winter in Murree" cd. in 2 mo. for 2 IRCs. (Lobdell-MA). PBC * 4710 via Quetta n/d personal ltr. in 5 mo. for an EG rpt. and ms. v/s M.H. Qureshi, Senior Broadcast Engineer. (Lazarus-LA). same in 20 ds. w/ a request that IRCs not be included. (Streeter-NY). 5060 via * Islamabad p/d "Badshahi Mosque at Lahore" cd. in 70 ds. for 2 IRCs. (Reinstein-FL).

PARAGUAY: Radio Nacional 11914 n/d ltr. via registered mail in 1 mo. for a SP rpt. and ms. (Leithner-TN).

PERU: Radio Continental 6055 f/d ltr. forwarded to me via the US Embassy in Lima. v/s Juanita Garain. Total time was @ 1 1/2 yrs! (Meyer-VA).

PHILIPPINES: FEBC 11890 DZE9 f/d "Logo" cd. in 1 mo. for 3 IRCs. v/s Mrs. Alida Landman. (Palmer-HN). VOA 11965 via Tinang f/d "Golden Gate Bridge" cd. in 9 ds. (George-NC).

POLAND: Radio Polonia 15120 f/d "Tazienki Park" cd. in 61 ds. for 2 IRCs. (Hartsell-CA). f/d "View of the Old Town" in 55 ds. (Oksehoff-CA).

PORTUGAL: Radio Portugal 11925 f/d "Spirographics" cd. in 36 ds. (Whysel-CT). Radio Liberty 21735 p/d yellow and blue "Map" cd. in 20 ds. for 1 IRC. (Buer-FL).

QATAR: Qatar Broadcasting Service 15505 f/d "Map and Logo" cd. in 38 ds. for 3 IRCs. (Hosmer-MI). same in 41 ds. v/s Jassim Mohamed Al Qattan, Head of Public Relations (Briscoe)

ROMANIA: Radio Bucharest 9570 f/d "Vidraru Dam" cd in 89 ds. for 2 IRCs. v/s Mr. Gh. Prodea, Chief Editor. (Bryant-OK).

SABAH: Radio TV Malaysia 4970 via Kota Kinabalu f/d "Map" cd. w/ personal ltr. in 45 ds. for 2 IRCs. v/s Evelyn Gobile. (Bryant-OK).

SAO TOME e PRINCIPE: Radio Nacional 4807 f/d trilingual ltr. in PT/FR/EG in 46 ds. for a PT rpt. and 2 IRCs. v/s Antonia Sebastiana. (Reinstein-FL). f/d form ltr. in 80 ds. for 2 IRCs. (Palmer-HN).

SEYCHELLES: FEB 15200 n/d "Logo and Globe" cd. in 24 ds. for 3 IRCs. (Whysel-CT). (Huniwell-NJ).

SICILY: RAI 7175 via Caltanissetta f/d cd. in 2 mo. **SIERRA LEONE:** SLBC 5980 f/d ltr. in 66 ds. for an EG rpt. (Sarkisian-MI).

SINGAPORE: Radio Singapore 11940 f/d "Skyline" cd. in 1 mo. for 2 IRCs. (Leithner-TN).

SOLOMON ISLANDS: SIBC 9545 f/d "Logo" cd. in 28 ds for 3 IRCs. v/s G. Richardson. (Hosmer-MI). in 42 ds. for 2 IRCs. (George-NC). 5020 f/d cd. in 29 ds. for 2 IRCs. (Dillaman-MI).



ASIAN BROADCASTING CORPORATION
PESHAWAR

Dear Mr. Gerald Brown,

I hope of this letter will find you happy and healthy. I received your kind letter of receipt date February 27, 1980. You are very kind to fill me with the latest information. I am very much thankful to you for sending me a very beautiful envelope and the beautiful set of your beautiful city book. I shall always be very much pleased to reply you whenever you wish me.

Your attention request for both the information is correct and confirmed as under:-

1- Frequency 4710 kHz ms. v/s Ismaila Mohammed
time 1345 to 1415 (UTC) Form of ISMAILA MOHAMMED

11- Frequency 5085 kHz ms. v/s M.H. Qureshi
time 1332 to 1402 (UTC) Form of M.H. QURESHI

In the end I thank you very much once again for what all the best for you and for all our best friends in USA.

I hope you will not forget me and will write to me from time to time. Also remember Pakistan and USA are the nearest friends.

VERIFICATION SIGNERS: Radio Neiva 4855 Edith Arias m., Secretary. Azad Kashmir Radio 4980 Sajjad Ali Siddiqui, Engineering Manager. HD2IOA 7600 Homero Arellano Division Chief. Radio El Salvador 9555 Aracely Hurtado Radio Maya de Barillas 3325 Francisco Juan Pedro, Gerente. La Voz de la Selva 4825 Teresa Perez Valera, Secretary. La Voz de Galapagos 4810 Padre Remigio A. Goncalves. Radio Zaracay 3390 Elssy Cun C., Secretary. FR3 Cayenne 3385 S. Bonnet. HRVC 4820 Cindy L. Maradiaga, Secretary. FRCN Kaduna 4770 Ismaila Mohamed, also Radio Madre de Dios 4951 Javier Aniz. Radio Panamerica 6105 Daniel Sanchez Rocha. Radio Cultura de Sergipe 4775 Claudomir de Andrade Vieira, Director. Radio Educadora de Braganca 4825 Ir. Maria Jose De Sousa. Radio Bafoussam 4000 Emmanuel Yanka. Radio Chortis 3380 Juan Maria Boxus. Radio Oriente 6190 Prof. Arevalo Ricardo Floras, Artistic Director. La Voz de La Selva 4825 Teresa Perez Valera, Secretary. Radio El Sol de Los Andes 3230 Gabriel Miro Quezada O., Director-Gerente. Capital Radio 11750 Nick Turner. Radio Zaire 15245 Makola Makaya, Director.



VENEZUELA: Radio Occidente 3225 p/d ltr. in 34 ds. for a SP rpt. and ms. v/s Berta Fuente A., Secretary. (George-NC). p/d ltr. in 65 ds. for a SP rpt. and ms. (Stephany-NY). same in 90 ds. for a SP rpt. and ms. (Reinstein-FL).

ZIMBABWE: ZBC Radio One 3396 p/d cd. in 72 ds. for 2 IRCs. (Streeter)

This time around we only had 97 countries reported and for the first time we were only able to fill 7 pages. I guess this is our summer lull - vacations and everthing. Hi!

NOTES: Received a very nice letter from Sheryl Paszkiewicz who says she enjoys the column and notes that the reply time varies greatly even from the same station. Claude Noneman uses a Grundig 3400 Satellit receiver. He was one of many who answered the request by Baxter Hensley as to the meaning of the words "Tidak Dituntut" on the envelope from Malaysia. I sure received a great deal of mail in response to this question. Bill Mayer is still waiting for his QSL from Libya. So are many others. Bill Campbell told me a few days ago that he recently heard his name mentioned on this station. Bill anticipates QSLs being sent out very shortly. Al Schlaugat has enrolled at the Univ. of Wisconsin majoring in Cartography (that was my major!) Al has a hard time listening to the SW bands in a dorm. So does Gregg Bares in Georgetown. Don Moman passes along the information that Radio Nederland has an excellent set of phrases in Sp and PT. Thanks Don! I hope some of our readers send for this booklet. Don Hosmer became active again in the ranks of SWLs after a 16 year absence... If any of you old timers out there have QSLs prior to the early 60s why not send good contrast B&W copies to the Column. We'll try to get them in.

A big thank you goes out to John Herkimer of Caledonia, N.Y. John has recently been helping me by reducing

RADIO COOK ISLANDS

Confirming your reception of our station

on 11760 kHz on 28 APRIL, 1982
0600 - 0921 Gmt.

This Special QSL marks the visit of the DXCURSION

Group to Rarotonga, April 1982 from Australia & N.Z.

Philip Wala sent to us by Philip Wala
Kia Orana from Rarotonga
NOOROA E. TANGAROA
DIRECTOR & CHIEF TECH.



some of the copies that I receive from our readers. I would love to put many of the letters from stations in the column but we just don't have the space. Now that John is helping we can print these letters! Thank you. for the name last month John - it worked out quite nicely. Till next time....

Beef Jerky

naswa AWARDS reports

Greetings from Maryland and the doldrums of summer. The following report gives all awards issued during the period 1 April 1982 through 30 June 1982. The last 3 months have seen the issuance of some awards, but more importantly the finish of a 2½ year project at work, so that during the next 6 months I will be more "available" and will probably be able to get awards out quicker. It will also give me some time to repair my R-390A. Incidentally, if any of you know where I can get some good advice regarding the repair of an R-390A, I would really appreciate the information. I have a problem that defies my diagnosis to date!

EUROPEAN CONTINENTAL DXER

Nelson M. George
William R. Dunham
Donald M. Hosmer

SOUTH AMERICAN CONTINENTAL DXER

Steve Reinstein
Terry J. Palmersheim

NORTH AMERICAN CONTINENTAL DXPERT

Richard E. Davis

DX de PACIFICA

Terry J. Palmersheim

WORLD WIDE DXER

Delbert M. Fye
William R. Dunham
Jim Fortney
Nelson M. George
Donald M. Hosmer
Tony Kobylski
Steve Reinstein
John Dillaman

DX CENTURIAN

Terry J. Palmersheim

QRP DXER

William H. Taylor---25 Kw

SOVIET SPHERE DXER

Richard E. Davis
Ewald Bartunek

ARAB WORLD DXER

Richard E. Davis
Linton G. Robertson

Well, thats all the awards for this quarter. This quarter's report marks the 25th report on awards that I have issued since I took over the awards program in 1973. It seems that most people understand now how the program works, and things seem to be going well now. I would ask that you only submit psyment of the 0.75 fee in check, postal money order, stamps (20¢ stamps only), and cash. Payment by stamps in denominations other than 20¢ will be returned (minus stamps to get them back to the sender). I just can't use them! Please understand and it will make my task easier. Well that's all for this month. Oh, note the change in the local ZIP code here---20707.

73,

Dan Henderson
Dan Henderson

update

August 1982***Number 120

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

UPCOMING DEADLINES: 11 August (Mid-August) 22 August (September) 9 September (Mid-Sept)

Reproduction permitted provided credit is given original reporter and NASWA UPDATE. Dates, times and days are GMT; freqs are kHz.

- ALBANIA** Reactivated Gjrokastrë (???) , 5057, in lang 0350-0400; vy good. Running // 5020 w/ usual "nx" and talks. Where is 5020 located? (Stu Klein, NJ)
- ANGOLA** RN, 9535, still daily after SRI s/off? (2245) to well past 2315 w/ US pops, highlife mx, electronic effects, IDs 2300 and into nx and more mx. Strong. (Herkimer, NY)
- AUSTRALIA** VNG, 12000, in EG 0640-0700; good. Time pips and IDs every quarter hour. (Joe Kononchik, CT 7-18)
- BOLIVIA** R. Padilla, 3478, in SP 0130; weakly there almost every night. LA pops and vocals and a few IDs. Very distorted audio and noisy. (Herkimer, NY)+++ R. Abaroa, 4730, in SP 0440-0502*; IDs, latin pops, childrens choir, and medley of songs including Col. Bogey march interrupted at s/off for closing annmcs. Then plug. (Wildor Pickard, IL 7-23)
- BRAZIL** R. Riberao Preto, 3205, in PT 0114-0131, tentative; pgm of Brazilian accordian mx w/ annmcs by M. No ID but did hear mention of Riberao Preto. (Henry Lazarus, LA 7-19)+++R. Igustami, 3295, in PT 0111-24; presumed; apparently religious pgm w/ talks by M and interludes of religious sounding mx w/ piano, M vocalist and chorus. (Lazarus, LA 7-19)
- CAMEROON** Bertous, 4750, in FR 0450; fair. Long-lost friend returns! Afr tribal mx, M anncr w/ ID 0459 and Yaounds relay 0500. (Klein, NJ)
- CLANDESTINE** R. Venceremos, 6852, in SP from 0022; guitar mx, taped ID by W over mx, speech by FMLN Colonel (Francisco ?) but music jammer quickly on thereafter. 6952 much better. (Herkimer, NY)
- ECUADOR** LV del Napo, 3280, in SP around 0230 nightly. In well. Nice campo tunes, romantic ballads, W DJ and full ID. (Herkimer, NY)+++ CRE, 4656.5, in SP 0520-37*; ID and futbol!!! Fair. (Pickard, IL)+++ R. Nac Espejo, 4680, in SP 0425*; ordinary latin ballads. (Pickard IL)
- GREECE** R. Stn. Makedonias, 15040, in GK 2100-10*; excellent and // 15050 also excellent. Nx by M&W, flute melody, ID and freqs. (John Herkimer, NY)
- IRAN** VoIRI, 9022, in EG *1930-2013; poor. ID by W, talk by M, hard to copy because of SSB QRN at 1952. Also noisy. (Kononchik, CT 7-13)
- KOREA (REP)** RK, 9570, in EG 1004-33; poor. M&W w/ nx, mx. Sounded like W was speaking from bottom of a well. Began to fade deeply 1025. (Kononchik, CT 7-17)
- MOZAMBIQUE** Maputo, 3210, in EG 0415; fair. M&W anncrs, talk on "atrocities" in Mid East, and so weiter. (Klein, NJ)
- PERU** R. Madre de Dios, 4951, tentatively as follows: 7-8 0208-27*, pgm of vocal mx, apparently religious to 0224, closing annmcs and tentative ID, NA 0226-27, and M saying "Viva el Peru." Then plug. Very bad static. Also noted 7-18 0149-0223*, pgm of nondescript LA mx, annmcs by M, taps and closing annmcs at 0221, NA to 0223, "Viva el Peru" and off. Strong sig covered by stronger QRN. (Lazarus, LA)+++ R. Chota, 6296, in SP 0339-56*; local mx, annmcs by M, clear ID simply as R. Chota 0339, closing annmcs 0353, preceded by the song "Brasil." and followed by NA. Off 0356. (Lazarus, LA 7-16)
- SWAZILAND** TWR, 3200, in AK 0410-15; fair. Talk by M, and religious mx between talks. (Klein, NJ)+++ TWR, 3275, in lang, 0358-0405; fair. IS, M anncr, lang ID, religious pgm. (Klein, NJ)+++ TWR, 3355nf, in lang 0405-10; fair. Rel mx, M anncr w/ talk, more gospel mx. (Klein, NJ)
- ZIMBABWE** R. One, 3396, in EG 0345-50; good. M anncr, talk, ID, "good morning," pop and Afr mx selections, more talk. (Klein, NJ)+++ R. 2, 3306, in lang 0350-55; fair. W anncr, talk, tribal mx, more talk. (Klein, NJ)

A BRIEF WORD FROM THE EDITOR: With this number, I conclude my fifth year in the traces as UD editor. There have been a few changes over those years . . . from DX Hotline to UD, from 2 to 3 pages sometimes for the mid-month, and a few others. I look back on that time with much satisfaction, largely because of the number of truly lasting friendships I've gained through this column. AS UD has changed, so also has the hobby. But the bedrock of the whole business--at least for me--is not what the rx digs out on a good night. It is the calls and letters and the all too infrequent eyeball QSOs I have with you. I hope my next five years will give me as many friendships as this last five; if so, I'll be thrice blessed. Thank you all.

Best of 73

log report *section*

1600-4899



STU KLEIN

642 Cranbury Cross Road, North Brunswick, NJ 08902 (201)846-1582 0030-0330 ONLY!

We have, for the fifth edition, reports on an excellent 90 M opening to Africa. Combined with fair-to-poor Latin propagation on the band, some excellent catches were made.

- 2380T BRASIL R.Educ. Limeira; 0052 Ballads to 0056 M/ann in QN w/anmts, and into more ballads. 0100 more tkl & prob ID, but not hrd due to QRN. (Moritz 7/9)
- 2456 TIMOR RRI Dili; 1230 Indo songs, //3305. (Sparks 6/30)
- 2490T BRASIL R.Educ. Rural; 0148 Bossa nova beat vocal, M/ann in PT w/few min talk, then into PT pops. Heavy QRN. (Moritz 6/20)
- 2820 INDONESIA UNID; 1230 Indo songs, unexpected s/off 1237 w/keroncong melody. Full morn, s/off same melody 1232. Final ann by M, not clear enuf for ID. (Sparks 6/20)
- 2904 BALI & LESSER SUNDAS RPDT2 Ngada; 1230 M/ann w/lcl nx. Nice sig. (Sparks 6/19)
- 2907 JAVA RPKDT2 Gresik; 1220 Indo songs, ID 1230, then polit cmt. Gamelan mx to f/out 1244. (Sparks 6/25)
- 2976 BORNEO RPKDT2 Bulungan; 1210 Relay of Jak nx. Nice sig. (Sparks 6/19)
- 2961T BALI & LESSER SUNDAS RPDT2 Manggarai; 1225 F singing Lagu Melayu & trad IN songs. F/out 1248, no ID noted. (Sparks 7/2)
- 3200 SWAZILAND TWR; 0357 Tlk in lang like AK, IS. f(Biller 6/25) 0423 AK tkl, rel px. g(Michaud 5/27) 0410 AK tkl by M/ann, rel mx interludes. f/QRN(Klein 7/20)
- 3205 BRASIL R.Riberão Preto; 0030 PT sung IDs, freqs, ID by OM. Tlk by OM & YL ann, some pop mx sels. g(Valko 6/15) 0114T Px of Bras accordion mx, M/ann w/trlk, no ID per-se, but clear ment of Riberão Preto. (Lazarus 7/19)
- 3210 MOZAMBIQUE Maputo; 0415 M & F/ann in EG! w/trlk on "atrocities" in ME, clear RM ID. f/QRN(Klein 7/10) 0405 AF mx, no nx on hr, good to 0420 f/out. (Biller 6/27) 0435 PT tkl to 0436 chimes, ID by M/ann: "Em. Nacional", PT tkl. f(Petrick 7/7)
- 3210 KOREA,N UNID; 1200 Relay of Pyongyang H/S #1 w/4 time pips & KR nx. Sta signed off at end of nx. Location? (Sparks 6/25)
- 3215 CELEBES RRI Manado; 1115 YL w/IN tkl, inst mx to 1132, then more ann & voc mx sels. (Moore/Hond) 7/2)
- 3222 TOGO Lama Kara; 0530 Nice chanting/drums mx sel, OM/ann in FR w/trlk, ment Togo & Lomé, more mx. f/QRN/QSB(Klein 7/2) *0527 IS, NA, s/on ann, hi-life mx to 0536 nx, then more mx. (Gliksmann 6/20)
- 3230 PERU R.El Sol de los Andes; 0052 Usual affairs px hosted by two SP M, ad 0059, ID, more ann. g on lo-side UTE(Krüger 6/24) 0210 OM w/SP pop tkl, Andes mx to 0230 ID & ads, then ballads. (Moore/Hond) 7/1)
- 3230 SOUTH AFRICA R.RSA; *0258-0430 Usual EG px--nx, mx, tkl, etc. (7 rep)
- 3235T BRASIL R.Cl. Marilia; 0851 PT tkl & a few pops, under bad QRN. (Meyer 6/22)
- 3240 PERU R.America; 0954 Assorted SP ballads & pops, ID @ 1000. //9510. (Gliksmann 6/13) 0938 SP songs, full ID by F/ann, EZ mx. g(Bolland 6/23)
- 3245T BRASIL R.Cl. Varginha; 0037 Good mix of PT MoR, EZ, & pop vocals. Number of missed IDs due to heavy QRN, but this one usually here. (Moritz 6/15) we agree--sdk
- 3250 SOUTH AFRICA R.5; 0432 EG pop tunes, ads, ID/TC. (Cucura 6/27) 0415 EG rock mx, tkl. (Saunders 6/20) 0325 EG Sun px. (Sarkisian 6/20) 0400 Af mx & EG tkl(Jordan)
- 3255 LIBERIA LBS; 0530 M/ann in lang, Af mx w/harmonicas!, ann again, ment Monrovia sev1 times. g(Klein 6/28) 2350 mix of mx to 2359 cmts, ID, NA & 0002* (Bolland)
- 3256 VENEZUELA LV de El Tigré; 0021 Avisos, SP ID by M/ann, LAM pops. wk(Meyer 6/24) 0135T SP pop mx, tkl by OM. No ID poss due to heavy QRN. (Saunders 6/19)
- 3260 ECUADOR LV del Rio Carrizal; 0120 SP ads w/many ment Calceta, ID 0126, then ballads. (Moore/Hond) 7/2) 0314 slo LAM pops, SP ID & 0328* f/p(Meyer)
- 3264T CONGO Brazzaville; 0435 FR tkl. P at 0435 t/in, stronger 0500, f/out 0520. No ID (Biller 7/12) 0410T FR pops, Af tunes, tkl betw songs. No ID. xint(Valko 6/13)
- 3265 MOZAMBIQUE Maputo; 0402 Nx in EG--"This nx is coming to you from RM" Good level, but RTTY QRN. Congo not on. (Biller 6/25)
- 3275 SWAZILAND TWR; 0358 IS, M/ann w/lang ID, rel mx px. f/QRN(Klein 7/20)
- 3280 ECUADOR LV del Napo; 0110 SP nx by M/ann, cmt, good level but QRN.(Meyer 6/24)
- 3281 MOZAMBIQUE Beira; 0351 Lcl Af mx, PT tkl & ID. (Cucura 6/7) 0402 OM lang tkl, Af mx, 2 M/ann w/trlk to 0420 f/out. p(Jordan 6/6)

- 3285 BELIZE RB; 1000 Seeming s/on—"en la corazon de la Caribe" vg(Leithner 6/6)
- 3285 ECUADOR LV del Rio Tarqui; 1038 Variety of Lam mx, SP ID & ada. (Moore[Hond])
- 3288 MADAGASCAR Antananarivo; *0257 IS, choral NA, full ID, list of freqs, native mx & tlc. (Billier 7/1) 0302 M/ann w/lang ID—"Radio Madagaskara, Radio Television Malagasy", freqs, tlc, to Af mx sels. //5010. Tnx Billier. f(QRN(Klein 7/2))
- 3295 BRASIL R.Iguatemi; 0259 PT mx, ID, g(Michaud 6/2) 0111T PT rel px, tlc by M, interludes of rel mx. (Lazarus 7/19)
- 3295 BRASIL R.Tapuio; 0850 OM/ann w/PT tlc, ID, samba mx, nother ID on hr, when crushed by Iguatemi s/on. f/p(Klein 6/14)
- 3300 BURUNDI Bujumbura; 0340 Native mx, FR tlc, f/out 0400. (Billier 6/28) *0300 IS, NA, ID, Af mx. (Bolicho 6/8) 0345 M/ann w/FR tlc, w/ann w/tlc, back to M/ann, Af mx w/harp, ID 0400. f(Klein 7/10) 0349T Af singing, drums, vocals, M/ann in FR w/ncast. (Moritz 7/9)
- 3300 GABON Libreville; 0545 Af pop mx sels, M/ann w/tlc, IDs, more mx. // much better 4777. f/QRN/QSB(Klein 7/2)
- 3306 ZIMBABWE Gwelo; 0420 Lots of mx, some lang tlc. g to 0430 f/out. (Billier 6/27) 0350 F/ann w/lang tlc, Af tribal mx, more tlc. f/QRN(Klein 7/20)
- 3320 SOUTH AFRICA SABC; 0415 AK svce now located here. (Klein)
- 3325T ECUADOR Ondas Quevedeñas; 0034 Futbol w/"gooooo!" at 0104. Same game on other HC stas. Ment Banco de Cuenca 0040, no ID. f despite bade UTE(Reinstein 7/8)
- 3325 GUATEMALA R.Maya; 1030 Mired in UTE, 120 M channel ID made it thru. p(Leithner)
- 3325 MOLUCCAS RRI Ternate; 1248 OM/ann w/IN tlc, lite mx. p(Robertson 7/12)
- 3330 JAVA RDK Sukabumi; 1205 Jak rly to 1217 lcl px. Many cmcls & sing cmcls, IN songs appeared to be listener requests. 1300 Jak mx. Nice sig. (Sparks 6/27)
- 3331 UNID Poss IS 0255 to 0303 Koran chanting. 0320 tlc in vernac w/Af cast to it, then more Koran. (Bolicho 6/20) Cf April LR-A—sdc
- 3335T BRASIL R.Alvorada; 0016 PT pops & ballads. M/ann 0030 into singing jingle & mx briefs. Thought ID 0033. f/CHU slop(Moritz 6/30) nice catch; Conquista usually dominates here—sdc
- 3335 BRASIL R.Cl. Conquista; 0815 Rhythmic mx w/accordions to M/ann w/ID, ad, more mx. f(Klein 6/20) 0050T carnival style mx, poss Conquista 0059, UTE 0100(Meyer)
- 3335nF SWAZILAND TWR; 0357 IS, into lang tlc. g(Biller 6/25) 0405 Rel mx, M/ann in lang w/tlc, more mx. Poss ex-3365. f/QRN(Klein 7/20)
- 3339 UNID 0315 AR chanting type mx, 0340 f/out. No tlc. (Billier 7/1) given recent conditions, RTZ is a decided possibility—sdc
- 3355 ANGOLA Luanda; 2355 Bubbly Af drum mx, M/ann w/quick ID, NA, & 2400*(Klein)
- 3356 BOTSWANA Gaborone; 0435 Hymns & church svce. ID by //4845. (Bolicho 6/20) 0355 Zoo IS, ID 0400. UTE QRM(Biller 6/25) 0418 Af mx, lang tlc. (Cucura 6/27)
- 3360 GUATEMALA LV de Nahualá; 0129 Splendid marimba/ranchera mx, ID 0132. (Moritz)
- 3366 GHANA Accra; 0540 M/ann w/cont lang tlc—cmty on ME—GBC ID 0545. f(Klein 6/28) 0542 lang rel px & mx, //4915 (Glikeman 6/20) 0548 Sun morn rel svce, 0600 ID & mx. (Cucura 6/27) 0502 EG nx, ID. f(Stephany 7/9)
- 3370T MOZAMBIQUE Beira; 0400 Presumed nx in vernac, not PT. (Biller 6/27)
- 3375 ANGOLA Luanda; 0400 Af mx, M/ann in PT, ment Luanda, Angola, more mx. (Klein)
- 3375 BRASIL R.Nal. São Gabriel; 0037 PT tlc by M, PT pops, ID. wk(Meyer 6/24)
- 3380 MALAWI Blantyre; Noted with *0253 IS, EG ID to lang tlc & Af mx px, w/some EG ID/TC by: (Billier, Bolicho, Cucura, Glikeman, Klein, Michaud, Moritz, Petrick)
- 3381 ECUADOR R.Iris; 0341 SP mx px w/OM/ann, F/ann w/s/off ann 0357, NA, & 0402*. vg(Stephany 7/13) 1010 Andes mx, tlc in SP & lang, mensajes. g(Meyer 6/22)
- 3385T BALI & LESSER SUNDAS RRI Kupang; 1300 OM/ann in IN, pipa 1300, no ID. p/QRN (Robertson 7/11)
- 3385 FRENCH GUIANA FR3 Cayenne; 0030 FR ID by M/ann, FR & Lam EZ pops. f/g(Meyer 6/24) 0045 FR & US pops, 0100 FR nx by F/ann, NA, IS & 0107*. //5055 g(Alexander)
- 3390T ZAIRE Bunia; 0348 Tail end of OM in FR, to hilife mx, only occ tlc. //5067. Caught ment Zaire 0400. (Bolicho 6/20) nice catch! Noted here in NJ as well—sdc
- 3395 ECUADOR R.Zaracay; 0030-0503*, 1015-1030 Usual Lam pops px. (6 rep)
- 3396 ZIMBABWE Gwelo; 0345 M/ann w/EG tlc, ID, pop mx sel. g(Klein 7/20) 0400 pop mx px, M/ann, ID. (Sarkisian 6/20) 0416 US pops, ad, ID. f(Hosmer)
- 3410 BRASIL R.Educ. 6 de Agosto; 0255 M/ann w/PT uc headlines, F/ann w/quick ID, then pulled plug 0300*. f/QRN(Klein 7/2)
- 3427 WEST IRIAN RRI Manokwari; 1150 W singing trad IN songs. vg(Sparks 6/20)
- 3478 BOLIVIA R.Padilla; 0000 and after most eves w/lite pop mx sels, F/ann w/IDs. (Moritz) 0035T SP tlc, slo Lam pops, sevl ment Bolivia, too wk for ID. (Meyer 6/24) 0115T F/DJ, nice lcl voc mx, no ID. wk(Alexander 6/15)
- 3725T PERU R.Los Andes; 1050 Hrd each morn w/Andes mx sels, sevl ID but none clear. Def Peru, don't know town yet. (Moore[Hond] 6/29)
- 3775 BALI & LESSER SUNDAS RKPDKT2 Sumbawa; 1240 Conversation betw two YL in IN, In songs, ID by M 1259. wk(Sparks 6/19)
- 3910 JAPAN FEN; 1108 EG AFRTS relay. (Moore[Hond] 7/1)

- 3930 TRANSKEI Capital R.; 0400 Many ID, Marlboro ads, usual px. f(Petrick 7/7)
- 3945T VANUATU RV; 0735 Clips of mx & lang tkl. wk w/het. (Billar 6/19)
- 3960 CELEBES RRI Palu; 1140 Inst mx, YL w/IN cmt or nx, //4719. (Moore[Hond] 6/25)
- 3970 CAMEROON Buea; *0453 R. Cameroun IS, FR/EG lcl IDs—"This is Buea, the...prov
sta of RC"—then NA. //4850 at 0500. (Billar 7/12)
- 3978T JAVA RRI Surabaya; 1111 Koran chants, then voc mx & YL in IN. f(Moore[Hond])
- 3985 SWITZERLAND SRI; 0456 IS, GM tkl by OM w/ID. (Saunders 6/12)
- 4000 CAMEROON Bafoussam; *0430 IS w/two FR/EG IDs, NA, into lang tkl. f(Billar 6/19)
0451 lite mx, 0500 ID. f(Stephany 7/11) 0505 FR tkl by OM w/nx, ID. (Saunders
6/12) 0500 Yaoundé nx, EG ID, lcl FR ID 0511. f(Petrick 7/7)
- 4239T BORNEO RKPDT2 Kota Waringin Barat; 1250 IN pop songs, ann 1259 but no ID, then
into 1300 Jak relay. f(out 1320. (Sparks 7/2)
- 4274 KOREA, N Kanggye; 1200 Relay of Pyongyang H/S w/powerhouse sig. (Sparks 6/17)
- 4300 PERU R.Moderno; 0107 Lite mx, ballads, SP IDs by OM. Can't be sure but
sounded like 'o' at end. Maybe not same sta as listed 930 kHz Lima!. (Reinstein
7/8) 0118 SP pops to 0142 ID, mx to 0200 complete ID & ad string. QTH is
Celendin near Cajamarca. Not noted morns. ID as Moderna. (Moore[Hond] 6/30)
- 4380 CHINA FBFS#2; 1237 CH mx w/YL ann. (Grenier 6/24)
- 4485 AsRSFSR Petropavlovsk; 1024 RS piano mx & F/ann w/nx. f(Bolland 6/18)
- 4500 AUSTRALIA VNG; 1020 Time pips & signals. g(Bolland 6/15)
- 4545 UNID 2344 Wk in lang w/EZ mx, no IS, ID, or TC at 0000. Alma Ata before listed
*0000 or something else? (Krüger 6/21) quite possibly them--sdx
- 4655 ECUADOR CRE; 0437 LAM mx, SP tkl by OM, more mx, ID. (Saunders 6/20) 0125 M &
YL w/SP tkl, ID 0130. g(Meyer 6/24) 0325 Wld & lcl nx by OM/ann, ID. g(Jordan)
- 4680 ECUADOR R.Nac. Espejo; 0135 SP ID by M, rptd by YL, then px & sked notes, poss
soap opera. Good level. (Meyer 6/24)
- 4697T BOLIVIA R.Riberalta; 0140 Slo LAM criellos, solid mx to 0205+. Bad QRN(Meyer
6/24) 0135 ballads & LAM mx. p(QRN(Moore[Hond] 7/2) prob your Unid, Don--sdx
- 4710T BOLIVIA R.Abaroa; 0300 Ballads & EZ mx, then more rustic sels. M/ann w/SP tkl,
no ID w/bad QRN. (Boone 7/1) as of 7/23, we note this moved to 4730--sdx
- 4719T CELEBES RRI Ujung Pandang; 1200 Piano sels, foll by long lang tkl, ment of Jak
at 1210. f(Boone 7/2)
- 4720H CUBA R.Rebelle; 0045 8 x 590, strong. Also 5310. (Krüger 6/24)
- 4739 BOLIVIA R.Mamoré; 0042 M/ann w/SP ID, into ballad. Fair on good Bol nite
(Krüger 6/24) 0118T Ballads & pops to 1030 M/ann w/tkl, QRN preventing copy,
back to mx. (Moritz 6/25)
- 4750 CAMEROON Bertoua; *0455 S/on w/EG/FR ID, to Yaoundé EG nx relay 0500, then FR
nx 0505. g(Billar 7/7) 0450 long-lost friend reappears w/Af tribal mx to 0459
M/ann w/FR ID, & 0500 Yaoundé relay. f(Klein 7/10)
- 4760 VENEZUELA R.Frontera; 0150 SP ballads to long tkl by M, ID 0159. g(Meyer 6/24)
- 4762T CLANDESTINE A Voz da Africa Livre; 0415 PT tkl, Af mx, audio too mushy for copy
of ID. wk(Billar 6/25)
- 4765 BRASIL R.Nal. Cruzeiro do Sul; 0900 PT ID by M, into nx briefs & PT mx. f(Meyer
6/22) 1010 PT mx, ads, M/ann w/cmts & ID. (Bolland 6/18)
- 4770 NIGERIA Kaduna; 0445 Rock mx, EG tkl by OM, ID, more mx. (Saunders 6/20) 2347
US pops, OM/ann w/brief nx headlines, ID, 0000*. f(Jordan 6/30) 0525 reggae/rock,
EG nx 0530, many ment Kaduna. p(Prokop 6/14) 2331 F/ann w/cmts about mx, which
follows. p(Bolland 6/16)
- 4770 VENEZUELA R.Bolivar; 0159 LAM pops, ID/TC, avisos. vg(Meyer 6/24)
- 4777 GABON Libreville; 2330 M/ann in FR, pop mx. f(Hixon 7/5) 2335 2 OM/ann w/spts
event, spot ann & ID. f(Jordan 6/30)
- 4780 VENEZUELA LV de Carabobo; 0103 OM tkl w/sound effects in bckgnd. Many short
ann. Pop Lam song foll by ID. g(Eastman 7/7) 0355 ID as "LV de Carabobo, Rep. de
Venez.", SW & MW fqs, NA, & 0400*. vg(Boone 7/1) 0205 tkl on "la loteria del
Oriente", ID/TC, LAM pops. g(Meyer 6/24)
- 4785T BRASIL R.Ribamar; 0901 Fast PT pops into tkl by M/ann w/pssa ID, ads, then more
mx. (Meyer 6/22)
- 4790 PERU R.Atlántida; 0149-0300, 0924-1030 usual px of LAM & Andes mx. (7 rep)
- 4795 ECUADOR LV de los Caras; 0211 LAM pops, tkl by M/ann, ment of los Caras.
wk(Meyer 6/24) 0300T OM/ann w/tkl, MoR mx, poss ID, more mx. p(Jordan 6/23)
- 4797 BOLIVIA R.Nueva América; 1010 S/on ID by YL, then ann by M, light orch mx.
Clear sig, but soon lost in QRN. (Sparks 6/17)
- 4800 ECUADOR R.Popular; 0911 Huaynos, tkl by YL, mensajes. f(Meyer 6/22)
- 4800 LESOTHO Maseru; 0500 Lcl nx in EG, few cmcls(KY Fried Chicken), EZ mx. Rly VOA
Af svce 0515. (Billar 6/25) *0400 NA, ID by F/ann, hymns & rel px to 0415 nx.
g(Stephany 6/12) 0412 lang chorals, 0415 nx, more mx 0420. (Glikeman 6/20)
- 4800 VENEZUELA R.Lara; 0155 Hx, then SP tkl by OM, then more LAM mx. (Saunders 6/19)
0120 F/voc Lam mx, IDs, ann, etc. g(Jordan 6/17) 2343 M/ann w/SP ID & disco-still
alive in Venez! f(Bolland 6/16) curses! will it never die?—sdx

- 4810 PERU R.San Martín; 1005 M/ann in SP w/ads, TC, full ID. Usually have canned ID in the middle of tunes. f(Bolland 6/28)
- 4815 COLOMBIA R.Guatapurí; 0151 LAM mx, SP tlc by M, ID 0200. Much QRN(Stidwell 6/26) 0452 SP mx & OM tlc, IDs, etc. (Saunders 6/20) 0445 MoR pops, ID, sked, NA, & 0500*. (Boone 7/3) 0219 sht nx by M/ann, LAM pops, ID/TC. f(Meyer 6/22)
- 4815 PERU R.Amazonas; *0923 S/on in SP w/NA, foll by Pv mx, then ID 0929: "...desde la ciudad de Iquitos...transmite R. Amazonas", then px of Pv mx sels. TC 0938. Killed 0940 by Guatapurí s/on. f(QRN(Lazarus 6/23))
- 4815 UPPER VOLTA Ouagadougou; 0545 2 M/ann in FR, drum/chanting mx, ID as "Ici Ouagadougou, Radiodiffusion Télévision Voltaïque" then more mx. f(Klein 6/28) *0527 OC, flute IS, FR ID, NA, etc. f(Patrick 7/7)
- 4820 ECUADOR R.Paz y Bien; 0906 NA, into SP tlc w/sevl ID. Helluva long NA, poss just s/on. f(Meyer 6/22) 1010 M/ann w/SP nx, cmts, ment Quito, ID. f(Bolland 6/11)
- 4825 PERU LV de la Selva; 0225 SP pops, tlc by M/ann w/ID/TC @0232. f/g(Meyer 6/24) 0328 mx to 0330 M/ann w/2 SP ID, 5 min of tlc, then mx. p/het(Moritz 6/19) 0406 M/ann w/ID & ann, EZ mx. p(Jordan 7/2) 0445 pop vocals, ID, NA, & 0458* (Sparks)
- 4835 BRASIL R.Nal. Boa Vista; 0913 PT tlc by M, slo PT mx, ID. g(Meyer 6/22)
- 4835 GUATEMALA R.Tzulutlán; 0158 OM w/SP ID, short marimba piece & off. (Eastman 7/4) 0115 rimbabs, M & F/ann, ads, IDs. (Alexander 6/19)
- 4835 SOUTH AFRICA SABC; 0430-0520 Usual EG px. (5 rel)
- 4840 VENEZUELA R.Valera; 0215 F/ann w/SP ID, fast LAM ballads. f(Eastman 7/6) 0520 IS, pops. (Boone 7/3) 0236 LAM pops, avisos publicos, mx, ID/TC. (Meyer 6/24) 0350 LAM mx, YL w/ID, QTH, s/off ann, NA, & 0358*. (Jordan 6/15)
- 4845 BOLIVIA R.Fides; 0001 after Nouakchott s/off. Good ID as "R.Fides, La Paz, Bolivia" between chimes. g(Reinstein 7/8) 0030T M/ann w/SP cmts, Bol flute mx to 0059. Bucaramanga QRM. p(Bolland 6/17) we presume this was under Bucaramanga?—sdk
- 4845T BOTSWANA Gaborone; 0506 Rel px in lang, mx, f/out 0540. No ID. (Saunders 6/20)
- 4845 COLOMBIA R.Bucaramanga; 0400 Final ID, NA, s/off 0404*. (Sparks 6/18)
- 4845 MAURITANIA Nouakchott; 0635 AR chanting to inst mx, ID by M/ann 0652. g(Meyer 6/30) 0602 OM w/AR chants to 0610 ID, tlc. f(Jordan 6/24)
- 4845 UNID 1015 M & W in lang, foll by mx. Poss RRI Ambon. (Bolland 6/14)
- 4850 CAMEROUN Yaoundé; 0430 Stringed inst mx, FR ann by YL. (Brissett 6/12) 0450 FR tlc to 0505 FR/EG ID, EG rel px w/Handel's Messiah. f(Hosmer 6/13)
- 4851 ECUADOR R.Luz y Vida; *1010 Criollo LAM, ID, long string of mx, full ID w/freq 2 1023, ads. (Meyer 6/22) 0348 upbeat LAM mx to 0400 canned ID w/freqs, power. g(Bolitho 7/4) 0335 ID & closing ann, no NA at 0338*. (Moritz 6/24) 1043 rel tlc by M/ann, full SP ID. g(Bolland 6/18)
- 4855 COLOMBIA R.Neiva; 0530 SP tlc by M & F/ann, IDs, TCs, etc. f(Jordan 6/24)
- 4860 VENEZUELA R.Maracaibo; 0230-1030 usual SP mx & tlc, on all nite. (8 rel)
- 4865 COLOMBIA LV del Cinaruco; 0917 ID/TC by M, into lcl mx. Strong sig-seems slightly above 4865. (Meyer 6/22) perhaps el transmisor Fric is on the Fritz!—sdk
- 4870 BENIN Cotonou; 0440 Native drum MX, FR IDs & tlc by M. (Brissett 6/12)
- 4875 COLOMBIA R.Super; 0220 SP tlc by OM, ann, ID 0230, into pops. (Boone 7/6) 0956 full SP ID foll by mx. g(Bolland 6/29)
- 4875 WEST IRIAN RRI Sorong; 1155 MoR mx to 1158 OM w/IN ID, SCI, TC 1200 & OM tlc. Sounded like world nx. f(Hensley 6/22)
- 4885 BRASIL Rdf. Acreana; 0955 PT MoR mx, TC(GMT-5), ID as "Rdfa". f(Bolland 6/29)
- 4890 PAPUA 1202 OM w/EG nx, 3 ID, TC. OM & YL discuss & play mx of Jim Reed. (Hensley 6/21) 1040 M/ann in EG, MoR mx. (Hixon) 0955 rock/pop mx, EG ID, time pips w/TC 1000, nx. f/g(D'Angelo 6/19) 0808 EG nx, TC, EZ mx. f(Rapillo 6/23)
- 4895 BRASIL R.Baré; PT ID/TC by M/ann, into short span of PT pops, ads. g/f(Meyer 6/22) 1005 Cig ad, "Baré, Baré, Baré" ID. p/QSB(Leithner 6/5) 0952 M/ann w/PT cmts & ID. f(Bolland 6/29)

So, who said that DX is less exciting during the summer? This past month has seen some excellent DX to be had, and judging by the reports, many took advantage of it. One small editorial matter — while we appreciate all loggings received, we regret that we cannot print loggings which have no details. As long as you're sending in a logging, give us a few details to go along with the more mundane information!

Congratulations go to Chris Hansen for an excellent job done on his first SWC. Chris and I occasionally confer on matters editorial, and his advice has been of great help in the time that I have been editing the column.

Thanks to all contributors, and to those who have dropped me a line. See y'all next issue, with, hopefully, more loggings like those above. 3's & 7's,

Rth

log report section

4900-6199

B

JERRY BERG

Some very nice summer Peruvians: check 4951 and 5658; also 5504 . . .

- 4900 VENEZUELA R. Juventud, Barquisimeto, US pops at 0245 on 6-24, ID by DJ, into more of the same. Strong and clear (Meyer-VA).
- 4911 ECUADOR Em. Gran Colombia, Quito, fast talking 0525 on 6-19, ID, no mx hrd (Alexandre-PA); tent. this one, also 6-19, soccer match to 1130-fade out, could not wait out ID (Sparks-CA). And rptd on 4910, 0100 on 7-10, LA pops, ballads, M&W DJs with frequent IDs, TCs, vy noisy w/het on high side (Herkmeyer-NY); cmtry on auto race at 0656, 6-19, weak but in the clear (Meyer-VA).
- 4910 INDONESIA RRI-Bukittinggi, 1205 on 6-20, weak with Djakarta nx relay. No ID noted, but rcheck after end of Djakarta nx found 4910 in // with 3232 local prgang (Sparks-CA).
- 4910 ZAMBIA Lusaka at 0420 on 6-20, good and in the clear till bottom fell out at 0445. Talk, native mx, mention of Lusaka (Billier); tent. this one on 6-22 at 0420, nx, Afr mx, nx at 0430 and 0445 seemed to be in different vernaculars with different ancrs (Glikeman-IL).
- 4915 BRAZIL R. Anhanguera, sports 0026 7-7, TCs, whistle sound effects, ID 0055, good (Emstman); soccer 7-1 0040, TCs, ID by man (Reinstein-FL); ID 0215 6-2, mx, fair sig (Michaud); ID 0225, talk, ads, under het from another PT stn (Meyer-VA).
- 4915 BRAZIL R. Mac. Macapá, rapid fire coverage of sports event at 0035 7-1, electronic effects, big ID (Jordan); presumed, 0933-0951 6-29, nx, cmnts, ads; vy poor (Bolland-FL).
- 4915 GHANA Accra, 0540 6-12 in vernac, local mx, chants, also an EG ID (Jordan).
- 4920 ECUADOR R. Quito, strong 0254 6-24 (Meyer-VA); mx, talk, 0320 6-23 (Samuel).
- 4920 AUSTRALIA ABC-Brisbane, 1310 7-2, opera, classical mx, faded by 1330 (Boone-TX).
- 4925 COLOMBIA EM.Meridiano 70, Arauca, mx, ads, ID 0235 7-4 (Hart); ID 0330 7-2, rapid talks, LA pops, excited IDs, TCs, promos, vy poor with heavy QRN (Jordan).
- 4925 EQUATORIAL GUINEA Bata, poor 0430 6-29, local mx, ID w/QTH 0435, 0440, nx 0445 and 0500 (Jordan); Afro mx 6-12 0445, exc on good Afr night (Valko); booming 6-20 0447, hi-life, amnts, nx by gal 0500; also hrd 6-22 (Glikeman-IL); ID 0515 as "R. Mac. de Bata," first time hrd that ID. Jumpy mx, good level, 6-13 (Billier-NJ).
- 4932 INDONESIA RRI-Surakarta, mx 1154 6-30, ID 1200, TC, probably nx (Hensley).
- 4934 BOLIVIA R. Morfe, Montero, fair-ggd 0009-0025 6-24, het, Bolivian nx items, TC, ads, ID, SP vocals (Krueger-FL); 6-17, 0052, poor in QRN, brief mx item 0100, then ID ("... desde Montero, Santa Cruz", more talk (Reinstein-FL).
- 4934 KENYA Nairobi, pop mx 0332 on 6-20, man with ID, ads, to 0355 (Cucura).
- 4935 PERU R. Tropical, Tarapoto, mx 0221 6-2, TC, ID, ads, fair sig (Michaud).
- 4940 VENEZUELA R. Yaracuy, soft mx 0234 6-26, ID 0241 (Stidwell); lively mx 0259 6-28, strong, ID 0303 (Meyer-VA); sermon 1134 6-20, ID 1153, ads, then mx; fair (Bolland-FL).
- 4945 COLOMBIA R. Colosal, Heiva, nx 0930 6-15, ID 0935, rooster crowing, LA mx (D'Angelo-PA); ads 1027 6-22, full ID 1026, amnts, short commentaries; good (Meyer-VA).
- 4951 PERU R. Madre de Dios, Pto. Maldonado, 0155 7-2, 7 or 8-note mx phrase between spoken segments, full ID and QTH 0210; very poor (Jordan); 0218 6-22, many vocals, into light instr. at 0229, man giving ID and closing amnt over it, to 0231*. Terrible QRN and QRN (Moritz-OR). Tent. this one 7-8, seemingly relig. vocals 0208, closing amnts and tent. ID 0224-0226, OA anthem, "Viva el Peru" and off (Lasarus-LA).
- 4954.7t AZAD KASHMIR Tent. this one, 7-9, 1245 in unknown lang, man smncr, Indian sub-cont. mx. No ID hrd, bad sig with Banda Aceh QRN from 4955. Could AKR drift this far down? (Robertson-CA). (UADK recently rptd AKR on 4960y at 1200-1400, and an Indian DXer rptd hearing them on 4955.-JB).
- 4955t PERU R. Cultural Amauta, Huanta, 1110 on 6-19, Ind.lang., no ID noted but prgm same as hrd before from this one. Nice sig but gone completely by 1135 (Sparks-CA).
- 4960 ECUADOR R. Federacion, Sucua, slow ballads 0121 6-23, IDs 0126, 0130; fair (Jordan).
- 4961 VENEZUELA R. Sucre, Cumana, sports 0153 6-23, ID 0200, much QRN, some QRN (Jordan).
- 4965 COLOMBIA R. Santa Fe, Bogotá, ID 0707 6-19, TC, slow LA pops (Meyer-VA); ads at 0929 on 6-29, mx, good sig (Bolland-FL).
- 4970 SABAH Kota Kinabalu, 1245 7-2, unknown lang., MoR mx, pops; fair (Robertson-CA).
- 4970 VENEZUELA R. Rumbos, Caracas, call-in prgm 0350 6-23, ID 0357, fair w/ute (Valko); 3 IDs 0905 6-19, LA vocals; exc sig (Hensley); ID 0927 6-22, TC, ads, mx (Meyer-VA).
- 4980 VENEZUELA Ecos del Torbes, San Cristóbal, exc 0210 7-8 w/slogan "el sonido mayor de los Andes" (Reinstein-FL); mx 0931 6-18, TC, ID, ads for milk, aptmcs; fair (Bolland-FL); long series of imaginative ads 0933 6-22, ID 0940, exc level (Meyer-VA).
- 4985 BRAZIL R.Br. Central, Goiânia, mx, IDs, 0155-0205 6-30 (Jordan); fair at 0300 ID (Meyer-VA); IDs, mx, talks, poor in static 6-15 0420-0448 (Jordan again).

- 4990 NIGERIA Lagos 0450 6-15, weak w/chants, pips 0500, EG ID, nx (Jordan).
- 4990 SOUTH AFRICA R. RSA, EG at 0415-0430, 6-6 (Biller-NJ), 6-5 (Kononchik-CR), 6-21 (Plot-
- 4990 VENEZUELA R. Barquisimeto, LA pops 0100 6-23, ads, many IDs (Jordan); nick.
ballads 0300 6-24, ID and TC 0309, talk, mx; strong (Meyer-VA).
- 4990 ECUADOR R. Bahai, Otavalo now here w/1 kv, ex-2340 (RN Med.Network). Good luck—JB.
- 4996 PERU R. Andina, Huancayo, OA mx 0242 7-11 (Wiseblood-CA); talks 0458, tent. IDs arnd
0500, pble NA 0530; tent. (Jordan); 0500 6-14 campo mx, ID, sudden 0511* (Sparks-CA).
- 4996 SURINAM R. Apintia, DT-mx 0329, ID, fair sig (Michaud); comments 0915 6-18, Ind.mx,
ads, TC; fair (Bolland-FL); tent. 6-30 0207 mx, maybe ID 0215, tough copy (Jordan).
- 5015 PERU R. Moyobamba, OA mx 1025 6-19, IDE, v/ strong morn and eve (Moore-HOND); huaynos
1031 6-22, weak but clear; ID 1035, makes me want to return to Peru! (Meyer-VA).
- 5015 USSR Vladivostok, 1642 RS annts, orch.mx, flutter; //5970, 5990; 7-11 (Wiseblood-CA).
- 5020 ALBANIA *0255 7-9, pips, 0300 opening, nx; powerhouse, better than //5057 (Moritz-OH).
- 5020 SOLOMON IS. Honiara, 0747 6-17, after 9545 a/off, in // to 0747 (D'Angelo-PA); lstars
ltrs 0835 6-23, PSAs, 0900 ID (Rapillo-WT); Et and Pidgin 0922-1029 7-6, RA nx 1000
(Plotnick); mx and island singing 6-18 at 1050, fair sig (Bolland-FL).
- 5025* BRAZIL Tent. R. Borborema, Campina Grande, pope, tent. ID 0440*, 7-1; poor (Howard-CA).
- 5025 ECUADOR R. Splendit, big sig 7-2 0350, ads, hyper stn, echos (Reinstein-FL); 0500 6-19,
romantic vocals, final ID, anthem, and 0505* (Sparks-CA). In Cuenca.
- 5025 PERU R. Quillabamba, ID 0145 6-22 (Meyer-VA); to 0256* 6-23, fair-poor (Howard-CA).
- 5026 UGANDA Kampala, *0302 6-13 and after, EG mx 0400 (Krusger-FL); not ev.nite (Moritz-OH).
- 5030 VENEZUELA R. Continentes, Caracas, soccer 0210 7-5 (Boone-TX); 0934 6-22 (Meyer-VA).
- 5040 GUINEA BISSAU *0600 6-19, NA, ID, mx (Valko); ditto 6-20 (Biller-NJ).
- *5040* PERU R. Libertad de Junin, tent. 0410 6-6, no ID, but Andean sx, yipping (Biller-NJ).
- 5040 VENEZUELA R. Maturin, ads, IDs, TCs, 0149 (Meyer-VA); pops 0428 7-10, poor (Wiseblood-
CA); talk, IDs, 0918-0923; fair (D'Angelo-PA); ID over mx 0919 6-29; good (Bolland-FL).
- *5040 PERU Junin agn, 1140 6-16, exc for so late, after other LAs had faded (Sparks-CA).
- 5045 BRAZIL R. Cult.do Para, Belém, pops 0157 6-25, ID, 0200, TC, strong and clear (Meyer-
VA); 0910 6-20, ID, lengthy commentary, ads on half hr; sunrise in Belém (Bolland-FL).
- 5045 PERU R. Rioja, upbeat LA pops 0302 6-27, echo-effect IDs; very poor (Jordan); 0325
7-2, IDs after each song, one "una voz autenticamente Peruana." NA to 0348* (Reinstein-FL).
- 5050 ECUADOR R. Jesus del Gran Poder, Quito, slow talk 6-22 at 1038, EZ lstng mx, stronger
than usual (Meyer-VA); nx at 1130 6-20, ID, TC, more nx. Fair (Bolland-FL).
- 5050 TANZANIA Dar, *0300 on couple of days, Swahili talk, Afr mx; QRM but decent (Moritz-OR).
- 5055 COSTA RICA TIPC, EZ lstng mx 0203 6-25, TC, ID, good level (Meyer-VA).
- 5055 FR. GUIANA Cayenne, lively mx 0924 6-29, comments, ID; fair, in FR (Bolland-FL).
- 5055 SWAZILAND TWR, *0345, IS, EG ID, into Afr lang rel.prgs, hvy co-ch. QRM (Schoone-Jongen).
- 5066* ZAIRE Tent. R. Casidy, prolonged Afr mx 0340 6-28 & 6-29, sloppy audio, no ID; faded
0355. Unreal Afr BX hrd in late June (Biller-NJ). Rptd lately on 5090 (JB).
- 5095 COLOMBIA R. Satatensa, Bogotá, mx 0115 7-5, ID 0119 (Eastman); mx 0140 7-5 (Boone-TX);
LA mx 0330 6-23, annts, ID (Samuel); cntry 0938 6-22, exc level (Meyer-VA).
- 5106 CLAND. LV del CID, bella, ID, "Atención Cuba" 0102 7-5, good (Eastman); 0105 6-23,
vocal, pol.talk, many IDs preceded by short ax box (Moritz-OH); 1005 7-6, nx, fair lvl,
to 1035* (Croosy-ME); ID 1017 6-17, chimes, long talk, exc sig (Bolland-FL).
- 5112 PERU R. Eco, Iquitos, ID 0212 6-25, fair (Meyer-VA); ballads 0215 6-24, TC, ID, bril-
liant lvl (Herklimer-NY); strong 0230 6-27 (Moore-HOND); 0445 6-17, "big city" pops, to
0455* (Sparks-CA); 1000-1030 6-17 & 6-28, fair both days (Bolland-FL).
- 5240 CHINA Fujian Front Stn, talk by YL 1220 7-4, mx (Grenier).
- 5451* W. IRIAN Tent. RRI-Bisk, relig.mx 1120 6-20, annt 1130, mx, drums, gongs (Jones-MS).
- 5504* BOLIVIA Tent. R. Centinela, Tupiza, 6-24 at 0032-0045, v/ poor, mx, instr.fills, no
possible ID. Centinela rptd here now. Anyone w/more solid info? (Krusger-FL).
- 5658 PERU R. Cajamarca, 0016-0110 on 6-22, good OA night. Fair at best, hvy QRM. Rustic
flutes, yipping, OH yelling "Cajamarca, Cajamarca." Clear ID 0033 as R. Cajamarca.
Gone at 0128 recheck (Reinstein-FL).
- 5709 BOLIVIA R. Catapi, 0032-0155 6-22, IDs sounded like Catapi or similar. Fair, mentions
of Bolivia. Flute fills, fanfare (Krusger-FL). Positive on this, or tentative?—JB.
- 5882 ARGENTINA R. Rivadavia, B.A., 0028 6-10, talk, ticks 0030, ID, pop mx (Valko).
- 5900 CHINA Fujian Front Stn, fair-good 7-11 at 1646 in talk in Amoy (listed) (Wiseblood-CA).
- 5930 CZECHOSLAVAKIA Prague, SP talk 0217 on 6-25, talk on Argentina; YL (Meyer-VA).
- 5940 USSR Yakutak listed, 1645 on 7-11, slow RS operatic ballads, fair (Wiseblood-CA).
- 5945 AUSTRIA Vienna, EG nx *0128, "Cultural Report." Fair reception on 6-25 (Krist-VA).
- 5950 GUYANA GBC, 0815 6-19 w/what I'd call "Hindi disco" wake up mx! (Biller-NJ).
- 5952 NI CARAGUA Late rpts show them on 5955; 7-1 at 2205 with pops, ID, nx briefs, also here
regularly in PMS (Eastman); pops 0324 6-29, good reception, still here at 0430 (Howard-
CA); and 7-4 at 0500 (Boone-TX). Also reported on 5950; v/ good 6-10 at 0145 (Jordan);
0318 on 6-27 with nx, IDE, disco (Purdum); ID, nx, cntry on 6-8 at 0500 (Samuel); "Aqui
Nicaragua" 0525 6-17, revol. slogans, frequent IDs, mx, nx (Sharpe-CA).
- 5955 COLOMBIA LV de los Centauros, Villavicencio, pops 0942 6-22, ID, TC, good lvl (Meyer-VA).
- 5955* COSTA RICA R. Casino, Pto. Limón, King Cole mx 0536 6-15, "Station TIQ" ID, anthem
to 0602*. Poor reception (Howard-CA).
- 5960 CANADA RCI, EG 2340 6-23 (Sutkus); and at 0100 on 6-9 (Fraser-MA).
- 5965 BRAZIL R. Guaiba, Porto Alegre, EZ lstng mx 0425 6-28, talks, positive ID (Samuel).
- 5965 MALAYSIA Kuala Lumpur, island vocals 7-11 1644, light MoR mx, good (Wiseblood-CA).

- 5970 PERU R. El Sol, Lima, local mx 1040 6-29 (Brissett); IDs, TCs 1041 6-22 (Meyer-VA).
- 5980 COLOMBIA R. Nacional, 0957 6-28, right after s/on, YL giving list of fays, into clas. mx; strong (Reinstein-FL); 6-28, 1101 w/ID after semi-clas. prgm; poor (Jones-MS).
- 5980 SABAH Kota Kinabalu, Asian mx 1050 6-13, EG 1145, lang. 1215; poor, het (Howard-CA).
- 5980 SIBERRA LEONE Freetown, nx, IDs, 0704 6-21 (Mayer); drums 0712 6-19, amts (Meyer-VA).
- 5985 USA VoFree China over WYFR, EG 0315 6-4, pops, folk mx (Worsfold).
- 5995 AUSTRALIA RA, 1206 6-15, world nx, ID 1209, Aussie nx (Hensley).
- 6000 BRAZIL R. Inconfidencia, Belo Horizonte, talks 2305 6-24 (Meyer-VA); ads 0755 (Alexander-PA).
- 6005 CANADA CFCX-Montreal, rock mx 1928 6-30, ID, nx headlines (Halsema).
- 6006 COSTA RICA R. Rocio, San Jose, pops 1000 6-19, many IDs, CFCX QRM (Dillaman).
- 6015 VATICAN VR, FR 0047 6-30 (Meyer-VA); EG 0100 6-15, nx, relig. talk, to 0115 (Hosmer).
- 6025 BOLIVIA R. Illimani, La Paz, talk 0055 6-30, ID 0101, mixing w/unid. (Meyer-VA).
- 6025 BRAZIL R. Educ. da Bahia, Salvador, *0818, full ID 0825, Br. mx, good lvl 6-19 (Billier-NJ).
- 6030 CANADA CFVP-Calgary, pops 0713 6-29, baseball scores, CFCX ID, nx; weak (Howard-CA).
- 6035 BRAZIL R. Globo, Rio, talk 2358 6-24, ads, IDs, TCs at 0000, fair under het (Meyer-VA).
- 6040 TAIWAN BCC-Taipei, CC talk by YL 1653 7-11, oriental mx. Apparently //6180, but this one faded by 1700 while 6180 was still strong (Wisblood-CA).
- 6045 BRAZIL R. Cl. Paranaense, Curitiba, ballads 0007 6-25, ID 0000, poor sig (Meyer-VA).
- 6045 MEXICO R. Universidad, San Luis Potosi, class. mx at 0350 6-29, ID 0405, s/off amts at 0500, then "graduation mx" to 0506*. Fair reception (Howard-CA).
- 6055 BRAZIL R. Record, S.P., fair 0002-0015 mixing w/Prague; ads, IDs; //11965 (Alexander-PA).
- 6060 ARGENTINA R. Mac, B.A., SP talk 0010 6-25 (Meyer-VA); 0800 6-12, SP, //11710 (Alexander-PA).
- 6065 COLOMBIA R. Super, Bogota, LA pops 0717 6-19, ballads, talk (Meyer-VA).
- 6070 CANADA CFRX-Toronto, 0715 6-19 (Meyer), 2226 6-21 (D'Angelo), 2315 6-30 (Amend).
- 6076 COSTA RICA R. Rumbo, Cartago, futbol 0336 7-10, IDs, DW-6075 QRM (Wisblood-CA).
- 6080 CANADA CKFX-Vancouver, 0716 6-19, exc lvl and clarity (Meyer-VA).
- 6080 CHILE R. Patagonia Chilena, Coihaique, theme 1107 7-4, SP ID, EG ID, calls, fays ("X" call for FM); fair (Jones-MS); natl nx 1125 6-21, local prgmng 1130; weak (Sparks-COLOMBIA Ondas del Darien, Turbo, "Espiritu de la Region" prgm 1015 6-28, CA). rustic mx (Reinstein-FL); ID and calls 1055 6-26, LA mx, poor reception (Jones-MS).
- 6087 TAIWAN BCC-Taipei, 1650 7-11, good w/opera, CC amts. WRTH says Shanghai dialect/
- 6090 AUSTRALIA ABC-Sydney, race results 0830 6-19, nx, covered by unid. at (Wisblood-CA). 0855. Fair reception (Howard-CA).
- 6090 LUXEMBOURG R. Lux, pops, EG, 0020 6-25 (Meyer-VA); EG 0050, QRM after 0100 (Hart).
- 6100 VENEZUELA YVTO, Caracas, time sigs 0415 (Castrillon), 0600 (Boone), 0718 (Meyer).
- 6105 BOLIVIA R. Panamericana, La Paz, good 0000-0015 6-23, slick prgm, slogans, full ID w/band (Moritz-OR); Andean mx 1050 6-22, talks, weak but in the clear (Meyer-VA).
- 6115 COLOMBIA LV del Llano, Villavicencio, fast LA pops 0722 6-19, ID (Meyer-VA). 146 6-13, TCs, ads, fair (Bolland-FL); 0010 7-3, fast talks, IDs, no mx (Alexander-PA).
- 6120 ARGENTINA R. El Mundo, B.A., Malvinas news by 2 men, 6-15, 0945; fair (D'Angelo-PA).
- 6120 CANADA Relay of BBC WS, 0128 6-30, talk in EG, strong but light QRM (Meyer-VA).
- 6120 NCARAGUA R. Zinica, Bluefields, strong with marimba mx, revol. slogans, TCs, nice campo tunes, 1115 (Herkiner-NY).
- 6120 PHILIPPINES FEBC, Manila, very good reception in June, s/on around 1223 with IS, ID as "Calling from Manila, Philippines, this is FEBC R. Int'l." Into CH (Howard-CA).
- 6125 USA VOA, Afr Svc, EG 0728 6-19, pops, male DV, prgm notes (Meyer-VA).
- 6128 COLOMBIA R. Super, Cali, 2248 6-16, talk in QRM, rapid fire nx w/chines (Reinstein-FL).
- 6130 CANADA CHMX-Halifax, nx 0605 7-6, CHW mx, vy poor in heavy QRM (Hart).
- 6130 LAOS Tentatively Vientiane, 1235 6-20 in lang.; nice SEA mx till 1259, then anthem followed by talking. Pair reception (Howard-CA).
- 6130 USA VOA, EG 0151 6-30, nx, strong with light QRM (Meyer-VA).
- 6135 TAHITI Papeete, 0422 7-10 with island group vocals, some US oldies remade by Polynesian bands. Nice to hear it so early (Wisblood-CA).
- 6145 W.GERMANY DW, clas. mx at 0135 on 6-30, EG talk on big-bang theory (Meyer-VA).
- 6150 CHILE R. Nacional, Santiago, nx 0030 6-25, ballads, IDs, ads (Brissett); ID 1053 6-22, pops, fair w/QRM (Meyer-VA); ID, TC 1102 6-26, nx, good sig (Jones-MS).
- 6150 COLOMBIA LV del Huila, Neiva, fast LA pops 0732 6-19, promos, IDs: "La Vos del Huila, insuperable" (Meyer-VA).
- 6155 JAPAN FEN-Tokyo, 1700 7-11 with EG world nx, good sig (Wisblood-CA).
- 6155 PORTUGAL Lisbon, vy good in EG *0300-0330* 6-12, now that WRNO has moved (Hixon).
- 6160 COLOMBIA Em. Nueva Granada, Bogota, ID 0729 6-19 as "Radio RCN," wrld nx (Meyer-VA).
- 6165 MEXICO XEW, LV de la Amer. Latina, nice chorals 1028 7-6, introduced by YL. Talk 1040, intl nx on the hour. //9515 (Glikman-IL).
- 6165 S.KOREA Seoul, talk by YL in RS at 1300 on 7-3, some jamming (Grenier).
- 6175 ANTIGUA BBC relay, EG at 0025 6-30 (Meyer-VA) and at 0500 on 6-17 (Hosmer).
- 6175 BRAZIL R. Guarani, Belo Horizonte, talk 0838 6-29, some RR. pops. ID 0841, relig. prgm 0859 (Glikman-IL); vy good 0805 6-20 w/talks, ID, TC (Klein-NJ).
- 6180 TAIWAN BCC-Taipei, 1657 7-11, light vocals, CH talk, 4 pips (3 low, 1 high) 1700, fanfare, ID in CH. Vy good during unusual conditions (Wisblood-CA).
- 6175 PERU R. Tawantinsuyo, talk 1057 6-22, political ads, good in light QRM (Meyer-VA).
- 6180 VENEZUELA R. Turismo, Valera, ID 0911 6-16, slogans, mx; 6179 het; fair (Jones-MS).
- 6197 BOLIVIA R. Stentor, La Paz, veri says will resume bc here on or about 7-15 w/10 kv. direc. antenna. Hope so, but would take w/grain of salt (Moritz-OR). Make that 2 grains. CU in Sept.—JB.

log report *section* **C**

6200-11699

PETER SCHIPELLTI

- 6250 EQUATORIAL GUINEA R. Malabo; 0510 afro rythms, bad w/ static. (Prokop 6/14)(Billier 6/13)
- 6295 PERU R. Chota; 0344-0356, nice campo tunes and M w/ ID at 0345 and into some nice Flute stuff w/ M. singing. Kind of rustic. (Moritz 7/1)(Meyer 6/30) 6/6
- 6790 SOMALIA R. Mogadishu; *0300 lang?, NA M.w/ ID & chants. Nc. (Cucura 6/20)(Billier 6/13)
- 6844 CLAUDESTINE R. Venceremos; 0252-0257 w/ strident SP political tlk by M & ID at tune in. 0254 march tune. Terrible modulation. Another ID at 0256. (Moritz 6/20)(Fisher 6/15)(Stephany 6/12)
- 6985 CLAUDESTINE LV de Juventud Progresista Cubana; 0205-0251 down here on 6/20 w/ 1/2 hr of political tlk w/ mentions of just abt every country in SAM and then some. At 0230 into pgm of mx, finally an ID at 0233 by yl, and into some great impassioned vocals, ballads really, that pieced together perfectly. An interesting station. (Moritz 6/20)
- 7065 ALBANIA R. Tirana; 0013 EG, "In our home" song, ID. world Nc. (Krist 6/30)
- 7120 ALBANIA R. Tirana; 0135 EG, ID, reports & Nc. (Sarkisian 6/14)
- 7140 JAPAN NHK; 1300 JP, IS, ID "NHK" & Nc. (Grenier 6/17)
- 7145 NIGERIA Kwara; 0523 EG, Vocal Mx, ID, Nc till 0535, ID & TC, Disco Mx, advertisement for Basooka bubble gum. poor w/ QRM. (Fisher 6/5)(Billier 6/9)
- 7170 NEW CALEDONIA R. Noumea; 0615-0822 FR pgm of classical mx, jazz from 0701, news to 0821 w/ many int'l items, and rock mx after 0822. Something for everyone on this station. (Glikman 7/3)(Meyer 6/30)(D'Angelo 6/19) 6/8
- 7255 NIGERIA VON; 0522 EG, ID, letters from listeners. (Meyer 6/30)(Schoone 7/2)(Samuel 7/26)
- 7265 WEST GERMANY Sudwestfunk; 0225 GM, Tlk w/ ID. US & GM pop Mx. (Meyer 6/30)
- 7270 POLAND R. Polonia; 2230 EG, Nc. Rpts on Int'l trade fair, children's health center, Warsaw's Market Square. Fair. (Fraser 6/17)
- 7295 MALAYSIA RM Penang; 1320 EG, Sports results read by OM. (Grenier 6/20)
- 7325 ENGLAND BBC; 0250 EG, pgm notes for the next hour's broadcast. (Meyer 6/30)
- 7345 CZECHOSLOVAKIA R. Prague; *0100 EG, Nc. Contry, features. Exc. (Mayer 7/4)(Gestrillon 6/25); 0240 SP (Meyer 6/30)
- 9022 IRAN R. Tehran; 0150 FS, Tl & military march mx. (Hosmer 6/15)
- 9360 SPAIN RNE; 0130 SP, OM w/ Sp tlks. (Hart 7/4)
- 9475 IRAQ R. Baghdad; 2210 EG, ID, Mx. Tl anncr. (Sarkisian 6/6)
- 9495 MONACO TWR-Monte Carlo; 0625 EG, religious pgm (Dillaman 7/4)(Alexander 7/5)
- 9505 CZECHOSLOVAKIA R. Prague; 0630 "Inter Pgm" multi-lingual pgm w/ a mixture of Czech, EG, GM & FR. Mostly US pop mx. (Alexander 7/5)
- 9505 GUAM KTWB; 1525 EG, Nc headlines, DX listeners pgm, rel. pgm (Kreuzinger 6/26)
- 9520 POLAND R. Polonia; *0200 EG, "This is Radio Polonia BC to N. America." Nc, review of Polish press, economics, soccer. (Krist 6/24)(Meyer 6/25)
- 9530 VENEZUELA R. Nacional; 2045-2300 reactivated, ex 9640, xint w/ nice coastal mx, SP W IDs/TCs, mx summary 2058 and back to mx. (Krusger 7/4)(Eastman 7/5)
- 9535 ANGOLA R. Nacional; 2313-0001* W PT steady hillife mx and PT tunes. ID at 2344, Mx. Plenty of mentions of Luanda during breaks in Mx. NA & Off(Bolland 6/20)(Sarkisian 6/24)
- 9545 SOLOMAN ISLANDS SIBC; 0735-0748 EG/Pid Tl end of Mx, Mx 0740, OM w/ more Nc & sports. (Hensley 6/22)(Prokop 7/2)(Alexander 7/5)(D'Angelo 6/17)
- 9550 CHILE R. Nacional; 0155 SP, Anncd World Cup Soccer results. (Grosvenor 6/20)
- 9560 PERU R. Nacional; 1152-1204 SP M smts, group singing, M TC/ID and ments. of "Republica de Peru" t/out. First time in a while for me. (Kreuger 6/12)
- 9575 ITALY RAI; 0100 EG, Bell IS, W w/ ID, Nc, Mx pgm @ 0115, Bell IS @ 0120 over to FR. (Mayer 7/6)(Stephany 6/21)
- 9580 SOUTH AFRICA RSA; 0230-0240 EG, "Africa Today" Pgm abt health problems in Africa. 7/9615 (Pacetti 6/8)
- 9580 AUSTRALIA R. Australia; 1130 EG, Nc, "Australian Profile", songs, World Nc. (Krist 6/26)(Halsema 7/3)(Worsfold 6/9)
- 9605 VATICAN VR; 2210-2224* EG, IS, ID, rel message, rel mx, ID, IS @ 2224. (Mayer 7/3)
- 9620 ASIATIC RSPSR Vladivostok; 1852 RS, M&W w/ readings. Xint. (Wiseblood 7/11)
- 9630 CHILE R. Agricultura; 2345-2355 SP, Nice EZ LA vocal Mx, tlk in SP., by OM w/ ments of Chile & Agricultura. "My Love" by Wings, creamed by Spain at 2355, good until then. (Valco 6/16)(Halsema 6/23)
- 9635 BRAZIL R. Aparacida; 2225-2231 PT., //to other stns carrying "A voz do Brazil" pgms. M & Tl anncrs. Fair w/ QRM. (Valco 6/16)
- 9660 VENEZUELA R. Rumbos; 1036 SP, Pop songs w/ frequent IDs. (Dillaman 6/19)(Witzig 6/16)
- 9675 BRAZIL R. Marumby; 0056-0220 PT, 0058 full ID "Florianopolis, Santa Catarina, Brazil." local Mx. Fair. (Howard 7/1)
- 9680 AUSTRALIA ABC; 0913 EG, Nc & opera broadcast. (Dillaman 6/19)

- 9690 ARGENTINA RAE; 0100-0126 EG, Nx, was calm and reasonable compared to hysterical broadcast during war. (Eastman 7/1)(Samuel 6/24)(Lucas 7/4)(Sharpe 6/18)(Schoone 6/25)(Pacetti 6/14)(Kreuzinger 6/10)(Valco 6/10)(Grosvenor 6/17)
- 9700 BULGARIA R. Sofia; *0000 EG, "This is R. Sofia Bulgaria" Nx, Interview w/ Prime Minister of Grenada. (Krist 6/17)(Cobb 6/17)
- 9705 BRAZIL R. Nacional; 2222-2233 PT, "A Voz do Brazil" pgm w/ men annrcs. (Valco 6/16) (Boiland 6/20)
- 9705 USA WRNO; 0100 EG, s/on w/ calliope mx. R & R Mx to around 0115-0117 when they did ads. (Amend 6/20)(Schoone 6/25)
- 9710 ARGENTINA R. El Mundo; 2358-0006 fair w/ jazz mx, SP M ID into Nx. //15290. Atlantico del Sur now just a memory and nice QSL card! (Krueger 6/18)
- 9720 SOUTH KOREA RK; 1410 EG, Pgm previews, "Koreans at work from Seoul." (Kreuzinger 7/3)(Purdum 6/25)
- 9725 SWITZERLAND SRI; 0145 EG, ID & into "Dateline." SP @ 0215 (Castrillon 6/16)
- 9755 CANADA RCI; 0300-0329* EG, Nx, "SWL Digest." closing annrcs. (Mayer 6/14)(Pieper 6/14)
- 9755 NETHERLAND ANTILLES TNR; 0500 EG, Nx, "Caribbean Nightcall." Mx. (Pacetti 6/6) (Castrillon 6/25)
- 9760 ENGLAND VOA via BBC; 2105 EG, Nx, Good w/ QRN. (Buer 7/5)
- 9770 AUSTRALIA RA; 1535 EG, M annrc, Wx, Beatles song. (Schoone 6/24)(D'Angelo 6/27)
- 9770 AUSTRIA Austrian Radio; *0129 EG, "Austria Calling." "Profile of Austria", "P.O. Box 7000", "Letter from Austria" Pgm. (Krist 6/21)(Fraser 6/26)(Bonnet 6/24)
- 9800 USSR R. Kiev; *2330-0000* EG, Nx & Cntry. DX Club. (Hart 7/7)
- 9810 ASIATIC RSPSR Vladivostok; 1853 tlk by W in RS. Xlnt. (Wiseblood 7/11)
- 9815 ISRAEL Kol Yisrael; 0200 EG, 0156 IS, ID at 0200 s/on, Nx abt Israel's invasion of Lebanon and the surrounding of the PLO at Beirut. (Hosmer 6/15)
- 9865 GREECE VoG; 0135 EG, Nx & Mx. Fair. (Hart 6/30)
- 9870 SOUTH KOREA R. Korea; 1156 EG, Tlk by YI on ROK relations w/ other countries. (grenier 6/25)
- 9977 NORTH KOREA R. Pyongyang; 1200 EG, ID by YI Nx, & Cntry on US occupation of S. Korea. local Mx. Xlnt. (Hensley 6/28)(Kreuzinger 6/19)(Howard 6/24)
- 10060 VIETNAM ; 1122 VT, CM & YI w/ alt tlks, lite jaunty oriental mx fills @ 1125. CM into tlc; pssble ID @ 1131; W into tlks @ 1133, psbl Nx, many refs to Vietnam. Fair w/ QRN & QSB. No // aud here. (Jordan 7/2)
- 11640 ISRAEL Kol Yisrael; 0110 EG, Nx of Middle East freqs & schedule. IS. (Purdum 6/24) (Mayer 7/11)(Sutkus 7/1)
- 11675 KUWAIT Radio Kuwait; 1935 EG, Interviews w/ Mx interludes. Good w/ QRN. (Buer 7/5) (Purdum 6/27)
- 11695 BELGIUM BRT; *0028 EG, "Brussels Calling" "Outlook", "Press Review", "3rd World Report.", "P.o Box 26" (Krist 6/23)(Sutkus 7/2)

Yup, the days are getting 'shorter' so look for condx to be more favorable in upcoming months. All is quiet & (very busy) on the East Coast. Look for me at Sam Barto's fantastic get together in September. I do plan to attend and if you live within 500 miles of CT you have absolutely no excuse not to be present. Stay cool.....73 *Ed*

FOR SALE: Drake R-7 and MS-7 speaker, 18 months old and in excellent condition with original packing and manual. Has 2.4 and 4.0 filters installed. Must sell. Price \$1,200.00. Mike McKinstry, 1326 South George Mason Drive, Arlington, VA 22204. Phone (703) 521-0915 after 0100 GMT, not collect.

FOR SALE: DRAKE FS-4 Synthesizer for any R-4 receiver. Switches need cleaning or replacement. Price \$150.00. ALSO: R4-B crystals. All crystals for International Broadcast Bands minus 80 and 40 meters plus 4 MHz, 11 MHz and CB band. With grounding clamps. Price \$50.00 for the lot. Mike Agner, 301 North Progress Avenue, Apt. G-10, Harrisburg, PA 17110.

FOR SALE: Hammarlund HQ-140-X (See May 1982 Vintage Vignettes) in good condition and with manual. Also Heathkit Model GD-125 Notch Filter and Q-Multiplier. Price \$95.00. Owen Sauerlender, 245 Ellen Avenue, State College, PA 16801. Phone (814) 238-9697, not collect.

WANTED: I would like to obtain actual air-checks of full programs from the old WRUL/WNYW/Radio New York Worldwide, as the material I had at one time has disappeared. If you have any recordings or this old station's English Language programming, would you be so kind as to send me a copy of whatever you have and please quote the price. Open reel is preferred, but cassettes are also acceptable. Jim Conrad, 545 Kirkwood Avenue, Waterloo, IA 50701.

log report section

11700 TO 17699



STEVEN WISEBLOOD

- 11700 EUROPEAN RSFSR Moscow: 0000-0210 EG nx, cntry. G (Fraser, Meyer-VA).
11710 ARGENTINA RAE: 2210-2221 EG M w/annts. F-G w/het (D'Angelo 6/15).
0445-0500 EG tlk abt Falklands crisis, martial mx. P (Pacetti 6/12).
11715 SWITZERLAND SRI: 0219 SP nx by M, tlk on Argentine press (Meyer-VA 7/1)
11720 EUROPEAN RSFSR Nikolayev-RM: 0223 EG tlk on Poland, //11700. F (Meyer).
11730 PORTUGAL R Renascenca: *2327-0015 IS, ID by M, PT annts, orchestral mx,
nx rpt by M, this transmission to Brasil (Jordan 6/4).
11735 UKRAINIAN SSR Kiev: 2222-2228* EG "R. Vilnius" relay, Lithuanian mx &
EG annts by M. G (D'Angelo). 2330-0000 ID, EG "R. Kiev", cntry, IS
Xlnt (Mayer 7/6). 0220-0230 EG "R. Kiev" nx, DX pgm. VG (Pacetti, Meyer)
11740 MADAGASCAR R Ned-relay: 2000 FR M&W w/pop Afro & Euro mx pgm. F (Bolland)
11740 USA VoFC-relay: 0200-0255 EG nx, cntry, CH fable on how the ocean got
salty (Pacetti, Castrillou). 0441 SP ID's, fays, LAM mx. Xlnt (Hesch)
11750 BULGARIA Piodvdiv: R. Moscow-relay 0000-0230 EG nx, //11700, 11720,
EG Wld nx by M. G o/BBC (Fraser-MA, Meyer-VA). 0430 R. Sofia RG M w/
opinions on disarmament, nx by W //11735 (Pacetti, Krist-VA).
11755 NETHERLANDS ANTILLES TWR: *0055 EG religious pgms //800(Alcorn, Krist).
11755 ARGENTINA R. El Mundo: 0640-0715 EZL LAM mx, SP TC & ID (Alexander-PA).
11760 NORWAY RN: 0622-0630* nx by W in EG, ID, S/off annts. F (Lucas 7/5).
11760 PORTUGAL R Japan-relay: IS, EG General Svce u/Habana. P (Buer-FL 7/5).
11770 MEXICO RMI: 2208 mellow-voiced SP M w/annts, //15430 (Lucas-CA 6/4).
11770t YEMEN PDR AR tlk by W 1310, childrens songs, light mx after 1400(Bolland)
11770 NIGERIA VoN: 2032-2102 EG nx by M, ID, cntry on oil (Hosmer, Bolland).
11775 SPAIN REE: 0238 SP Wld nx by M&W. F-G w/QRM (Meyer-VA 7/1).
11775 AUSTRALIA RA: 1000 EG Wld & Pacific nx to 1010, then Aussie nx(Halsema)
11780 BRASIL R Nacional: 0240 PT EZL mx, M ancr w/ID &TC. G (Meyer-VA 7/1)
1018-w028 PT Brazilian nx to 1025, Bras. mx. P w/Aussie QRM (Halsema 6/2).
11790 INDONESIA VoI: 1400-1450 EG ID, MoR pop mx in Indo & EG, "Listeners
Mailbag" pgm, to Asia & Pacific. G (Rapillo-NY, Eastman, Kreuzinger).
11793 COLOMBIA R. Nac: 1800 SP nx by M ancr, ID, LAM traditional(Sarkisian).
1421-1432 Mozart Violin concerto, into Tchaikovsky, //15333 (Purdum 6/23)
11800 ITALY RAI: *0100-0120* EG ID, nx by W, cntry (Krist-VA, Bonnet, Fraser).
11805 BRASIL Globo: 2245-2257 PT "A Voz do Brasil" pgm w/PT tlk by M&W(Valko)
11815 LIBYA R. Jamahiriyah: 2140-2301* EG Special pgm on the 12th anniversary
of the Jamahiriyah elections, ID, nx, mx, Green book readings done to
reggae mx, cultural mx, fay annts (Alcorn, Fraser-MA, Kononchik-CT).
11825 TAHITI Papeete: Polynesian vocals, TT annts by M. VG (Sharpe-CA 6/29).
11830 LIBERIA ELWA: 0718-0803 EG sermon, hymns, ID (Purdum, Stidwell 7/4)
11830 ROMANIA Bucharest: 0242 ID, EZL mx, EG annts, into lang. @ 0245(Meyer).
11830 SOUTH KOREA RK: 1600-1610 EG Wld nx, cntry. (Pacetti 6/12).
11831 NORTH KOREA Pyongyang: 1539-1549* KR tlk by M, slop from RK(Lucas-CA).
11835 SRI LANKA SLBC: 1140 EG M ancr w/interview. P (Hesch 6/5).
11840 GUAM KTWR: *0745-0900 EG request reception rpts, ID (Purdum, Hart).
11840 EAST GERMANY RBI: 0247 EG annts by M&W, cntry. F (Meyer-VA 7/1).
11840 ASIATIC RSFSR RMWS-Uzuno-Sakhalinsk: 1652-1800 EG Wld nx. G (Kononchik)
11845 VATICAN STATE VR@ *0100-0114* ID, interview w/Walsh Bishop, tlk on
religious history, nx abt John-Paul (Samuel, Krist, Pacetti).
11850 KIRGHIZ SSR Frunze-RM: 0248 SP to SAM w/M&W ancrs. G (Meyer-VA 7/1).
11855 USA WRNO Worldwide: 2330-0045 EG "World of Radio", pop mx. F(4 rptre).
11870 BULGARIA Sofia: 0250 SP ID by M, Bulgarian pop mx, nx (Meyer-VA 7/1).
11875 JAPAN RJ: 1005-1017 EG Wld nx, ID. P (D'Angelo-PA 6/19).
11880 SPAIN SFR: *2359-0025 EG folk songs of Valencia, "Panorama" EG nx,
"Press Review", cntry (Krist-VA, Purdum). 0130-0140 EG nx, guitar mx
//9630 (Pacetti). 0309 SP M w/annts, lcl pop mx (Meyer-VA).
11881 NORTH KOREA Pyongyang: 1415 EG tlk abt reunification. F (Rapillo-NY 7/6)
1604 EG nx & cntry //9977, ID (Lucas-CA 7/5).
11890 PHILIPPINES FEBC: 0938-0942 EG Wld nx, ID, religious pgms (D'Angelo).
11900n TURKEY VoT: 2216-2230 EG annts abt Turkey, EZL mx. ex-9560(Stidwell).
11910 HUNGARY Budapest: *0100 EG nx, Wld Cup soccer results, cntry on Israel
"DX Corner". F (Krist-VA). 0210 EG nx, cntry, ID (Samuel).
11914 PARAGUAY R Nac: 2355-0243 ID by M, march mx, campo mx(Jordan, Stephany)
11920 GUAM KTWR: 1555-1559* EG ID following Hindi type mx, F (Lucas-CA 7/4).
11925 BRASIL R Bandeirantes: 2203-2220 PT annts by M, ID, "A Voz do Brasil"
pgm, time ticks. //15445, 11780 (Valko 6/16).
11925 PORTUGAL RP: 0300-0315 EG Wld nx by W, ID, fays, G (4 reporters).

- 11940 ROMANIA Bucharest: *2100-2114 IS, ID in EG, EG vocal mx. VP (Eastman).
0254-0300 "RB Listeners Club", IS. G (Mayer 6/21). 0325 SP tlk by M on
agriculture. VG (Meyer-VA). *0400 ID, EG nx abt Romania. VG (Krost-VA).
- 11940 GABON Afr #1: 2205 FR M w/story, Afro tribal mx. VG (Hesch 6/17).
- 11940 SINGAPORE SBC: 1308-1439 EG nx, MoR/pop mx, W ancr w/tlk (Eastman, Grenier)
- 11960 NEW ZEALAND RNZ: 0845-1110 EZL mx, EG M ancr w/TC, ID, radio play. F-Q
(Alexander-PA 6/13, D'Angelo-PA 6/19, Bolland-FL 6/18).
- 11965 BRASIL R Record: 2128-2200* PT M ancr w/mentions of Brasil, mostly ranch
type mx w/one pop song. Gone @ 2200 (Valko 6/22). 0120-0145 Brazilian mx
w/frequent ID's by PT M ancr. F-G (Schoons-Jongen 6/27).
- 11975 EAST GERMANY RBI: *0000-0043* EG nx, cmntry on Israel. G (Krist-VA 6/15).
- 11980 EUROPEAN RSFSR Krasnodar-RM: 0340 SP to SAM, RS mx, M&W ancrs (Meyer-VA).
- 11990 CZECHOSLOVAKIA Prague: *0100-0120 EG cmntry, EG nx (Krist, Samuel).
0315-0355 EG nx, cmntry, folk mx, Czech economic rpt (Pacetti, Meyer-VA)
- 12000 EGYPT Cairo: *0200-0315 ID's, Qu'ranic recitations, "Portrait of Egypt",
EG nx @ 0315, S/off 0328*w/NA (Hosmer 6/15, Stephany-NY 6/26).
- 12020 EUROPEAN RSFSR Moscow: 2330-0000* R. Kiev-relay EG nx, cmntry, ID (4 rpts)
- 12030 UKRAINIAN SSR Simferopol-RM: 0250-0305 SP M&W w/tlk, ID, to SAM (Jordan).
- 12030 ASIATIC RSFSR Petropavlovsk: 1730-1800 EG "Audio Book Club" (Sharpe 6/26).
- 12040 UK BBC: 2120-2200* EG "BBC Calling the Falklands", //9915. F (Jordan 6/17).
- 12045 GREECE Vog: 0135 EG nx, cmntry, //9865, 15595 (Samuel).
- 12050 ASIATIC RSFSR Petropavlovsk-RMWS: 1224-1256 VT tlk by W, semi-clsl mx
IS, M w/nx @ 1230. F (Bolland-FL). 1934-1956 RMWS EG nuclear tlk (Purdum).
- 12070 MONGOLIA RUB: 1150-1205 CH tlks by M w/instrumental mx, IS @ 1158, EG
ID @ 1200 w/EG S/on anmts by W, Wld mx, tlk of trade unions (Hosmer, Jordan).
- 13797 ICELAND ISBS: 1900 IC nx by M ancr, ID, lcl pop mx pgm (Sarkisian-MI 6/18).
- 15010 VIETNAM VoV: 1815-1831 VT mx, EG letterbox pgm, ID, into FR @ 1830. F
(Cobb-ME 6/2). 2115-2120 FR pgm w/VT mx, ID. new time for FR (Buer-FL 7/).
- 15045 GUENADA RFG: 2130-2355 EG reggae mx, ads, EG anmts, live BBC soccer relay
cmntry, ID's & TC's, fqy anmts. F-G (6 reporters).
- 15055 GREECE Vog: 1820 GK tlk, piano mx, flute IS @ 1830, into GK nx. G (Buer-FL).
2055-2155* GK instr. mx & vocal mx, GK nx, IS. ID, //15040 (Prokop, Jordan).
- 15070 UK BBC: 0000-0010 EG Wld nx, nx abt Britain. G (Hart 6/30).
- 15077 AFGHANISTAN RA: 1820-1853 lcl mx pgm, tlk by M in lang. P (Roward-CA 3/20).
- 15084 IRAN VoIRI: 0000 heated discussion in Farsi w/yelling. VG (Samuel 6/20)
- 15105 GUENADA EFG: 1908 EG sports broadcast, QRM de Morocco (Meyer-VA 6/23).
- 15105 MOROCCO RTVM: 1910-2130 ME instr/vocal mx, Qu'ranic chants. F (Hart, Meyer)
- 15105 MALTA DW-relay: 0130-0150* EG nx, cmntry, GM by radio. VG (Pacetti, Piper).
- 15110 BULGARIA R. Sofia: 1930-1940 ID, EG nx, cmntry on Soviet peace proposals,
VG (Hosmer, Krist-VA). 0432-0442 EG Wld & Bulgarian nx, ID. P (Cobb-ME).
- 15120 VATICAN STATE VR: 0000 Bells IS, SP pgm. F (Johnson-TX 7/10).
- 15120 POLAND Polobia R.: *0200-0305 EG nx, cmntry, organ mx (Pacetti, Piper, Hart).
- 15120 NIGERIA VoN: 1800-1807 EG NAfr svce., drums IS, S/on anmts w/ID, sports
nx. F (Buer-FL 7/5). 2112 EG tlk on OAU council of ministers. G (Prokop).
0530-0600 EG Wld nx, into FR @ 0600 (Dillaman 7/4). 0720 Nigerian oldies
mx, 0730 EG pgm review, ID, TC, Afr & Overseas svce, into nx (D'Angelo).
- 15125 NORWAY RN: 1316-1328 NW tlk by W, polka type mx, NW/EG ID @ 1327 (Purdum)
- 15135 BULGARIA Sofia: 2130 EG W w/nx (Alcorn 6/16).
- 15135 CHINA Peking: 1210-1227* tlk in lang., nx summary, ID. G (Jordan 6/15);
1430 IS "East Is Red", ID & CH tlk by W (Grenier 6/21).
- 15140 CHILE RNac: 0150-0205 LAM mx, SP ancr, ID, ads, nx (Fraser, Mayer, Sharp).
- 15150 WEST GERMANY DW: 1913 AK tlk to SAfr w/2-M alternating, DW bell. Xlnt
(Meyer-VA 6/23). 2000 EG M ancr w/ID, "Kalaidascope" pgm (Sarkisian-IL)
- 15160 BULGARIA Sofia: 2137 EG nx, cmntry. G (Hart 7/3).
- 15160 AUSTRALIA RA: 0600-0628 EG "Spectrum" DX pgm, ID, Wld nx (Samuel, Sharpe).
- 15165 DENMARK RD: 1331-1354* DN nx by M, EG/DN ID @ 1333, interviews w/M on the
street. NA (Purdum). *2200 IS, DN/EG ID's by M, DN, DN nx @ 2201 (Stephany-NY).
- 15170 TAHITI Papeete: 0323-0547 Polynesian vocals, TT nbxy w @ 0333 (3 rpts);
- 15200n AUSTRIA ORF: 2125-2140 Alpine mx, GM anmts (Buer-FL 7/5). 0025 GM anc:
w/ ID, vocal GM mx (Johnson-TX 7/10).
- 15200 SEYCHELLES FEBA: *0400-0500* EG to EAfr, nx @ 0415, gospel mx. F (D'Angelo)
- 15220 Italy rad: 0139 birds IS, bells @ S/on, IT anmts (Johnson-TX 7/6).
- 15225 GREECE VoA: 0159 IS "Yankee Doodle", EG ID, into lang. (Johnson-TX 7/6)
- 15235 WEST GERMANY DW: 0248 EG Asian svce, GM ID, S/off 0250* (Johnson-TX 7/7).
- 15240 SWEDEN RSI: 2100 EG nx. P-F w/QRM de RFE/RL (Prokop-OH 6/29).
- 15245 ITALY RAI: 1910-1915 AR S/on anmts following bird IS. P w/het //11800
(Buer-FL 7/5). 0305-0322 SP nx & cmntry, vocal IT mx. G (Hawk 6/15).
- 15250 SRI LANKA VOA relay: 0100 Hindi anmts. Not listed in WRTVH (Dillaman 7/4).
- 15250 UGANDA Kampala: *1755-1818 Drum IS, NA, EG ID w/fqys, into nx, pop vocal
mx. W ancr between songs (Hosmer 6/19, Valko 6/28).
- 15250 ROMANIA Bucharest: 1312-1323* EG "Listeners Club", pop mx, fqy checks
(Purdum 6/19). 2100 EG nx, Nixon in Bucharest. G w/RFE jam (Prokop-CH 6/29)
- 15265n PORTUGAL Rdf Portuguesa: 1900-1906 IS, vocal nx, PT anmts. G (Buer-FL 7/5)

- 15270 SWEDEN RS: 2315 EG "Weekday" pgm. Xlnt (Hawk 6/16).
- 15273 URUGUAY SODRE: 0027-0102 SP instrumental & vocal selections, ID's, SP anmts on the hr, then more mx. Likely their domestic svce (Gliksman).
- 15290 BRASIL R Nac: 0145-0230 EG M ancr w/Cultural pgm on Brasil, wx, pop mx, EG nx, cmntry. //17830. G (6 reporters).
- 15295 MALAYSIA RTVM: 0914-0931 tlk by W in lang.. chimes, tlk by W o/mx w/ nx on the half hour. G (Bolland-FL 6/23).
- 15300 FRANCE RFI: 0510-0532 FR program review, FR/Afro pop mx. VG (Stidwell)
- 15305 SWITZERLAND SRI: 0102 SP nx, cmntry. G (Hawk 6/16). *0145-0215* EG "Dateline" pgm w/nx & cmntry, //9725, 11715 (Bonnet, Pacetti, Grosvenor)
- 15310 JAPAN RJ: IS 1557-1600, begin GS pgm in EG/JP. VG (Prokop-OH 6/13)
- 15320 UGANDA Kampala: 0310 EG nx, W ancr w/Afro pop/EG mx, ID, S/off anmts by EG M, into FR @ 0405. NA @ 0431* G w/QRN de RM & BBC (7 reporters).
- 15333 COLOMBIA Rdf Nac: 0305 Clscd mx, bells, SP ID @ 0312, choral mx(Prokop)
- 15350 LUXEMBOURG RL: 2127-2145 FR anmts w/US/Euro pop mx. G (Valko 6/16)
- 15365 CANARY ISLANDS REE-relay: 2140-2145 SP World Cup soccer coverage, //15375, 15395 (both Madrid), slight het F (Buer-FL 7/5).
- 15400 ASCENSION ISLANDS BBC-relay: 2115-2145 EG message to residents of the Falklands. EG pop mx. F-G (Alcorn 6/16, Hosmer 6/14).
- 15400 FINLAND RF: *1100 EG "Midsummer Madness" pgm abt activities in Finland. F (Krist). *1327-1335 IS, EG Wld nx, Radio play, cmntry(Purdum, Hart).
- 15405 ASIATIC RFSFR Vladivostok-RM: 0510-0515 EG pgms, //15180 (Pacetti).
- 15410 AUSTRALIA RA: 0814-0835 pop mx w/EG anmts, Aussie nx @ 0830 (Gliksman).
- 15415 BRASIL Clube de Ribeirao Preto: 0145-0217 PT sermon, ID @ 0159, folk mx & romantic ballads (Gliksman-IL 6/9). 0920-0936 PT M w/cmntry, M ancr stumbling over various names which don't sound PT (Bolland-PT)
- 15420 GREAT BRITAIN BBC: 0015 EG nx of Falklands, to 0030* (Worsfold).
- 15420 SWEDEN RSI: 0250-0300 EG cmntry, S/off anmts (Pacetti 6/4).
- 15420 USA WRNO Worldwide: 1800-1830 EG M w/anmts, pop mx, PSA's (Amend, Stephan)
- 15425 SRI LANKA SLBC: 0040-0100 EG M ancr, pop mx, G to 0100 (Alcorn 6/22)
- 15425 AUSTRALIA ABC: 0756 Big Band tunes, EG nx on the hr. F (Rapillo-NY 6/23)
- 15430 MEXICO XERMX: 0350-0403 full ID, SP cmntry, campo mx (Plotnick 6/21).
- 15435 GABON RFI relay: 1900-2100 FR nx, anmts, pop mx(Sarkisian, Purdum, Hosmer)
- 15445 BRASIL RndB: 2000 PT World Cup soccer. Argentina vs. Belgium. VG (Prokop-OH 6/13). 2315-0100 US pop mx done by PT groups, PT M w/fqys, ID's (Hixon, Dillaman). 1205-1350 PT tlk, anmts o/disco mx(Bolland-FL).
- 15455 ASIATIC RFSFR Petropavlovsk-RMWS: 1805-1830 EG nx, cmntry (Purdum 6/27)
- 15460 CLANDESTINE Vo United Muslim Fighters of Afghanistan: flute IS to 0100 brief tlk by M. Terrible RM (Johnson-TX 6/15).
- 15460 EUROPEAN RFSFR Moscow-RMWS: 1800-2000 EG nx, rpt from Moscow (Mayer 7/6)
- 15475 GABON RFI relay?: 2246-2253 FR anmts, Afro highlife mx, M ancr between songs. //15435 so Gabon likely the one here. Xlnt (Valko 6/11).
- 15485 NEW ZEALAND RNZ: 0355-0901 EG wx, lcl nx, New Zealand pop mx, Operatic mx, EG M w/anmts & ID (Hart, Piper, Samuel, Jordan, Purdum).
- 15495 KUWAIT RK: *0200 AR chanting, AR M w/anmts & ID, //15345. G (Brissett).
- 15505 QATAR QBS: 2002-2007 back here once agn w/AR M w/nx, clear ID, ME instrumental string mx. Xlnt! (Valko 6/24). (Krist/
- 15520 CHINA R Peking: *1200-1255* IS, ID, EG nx & cmntry. G (Bolland, Bonnet, //
- 15550 EUROPEAN RFSFR Krasnodar: RP&P: 0100 IS, PT ID & nx, SP @ 0130 (Hosmer)
- 15555 GREECE VoG: 0110-0145 EG cmntry by M&W, GK folk mx, GK @ 0145 (Bonnet)
- 15555 CLANDESTINE R Vatan: 0435-0520 Farsi speech by M, ME orchestral mx, ID w/fqy @ 0445, ID by W @ 0500. F (Jordan 6/16). Perhaps from Iraq?-ed
- 15570 MADAGASCAR Rned-relay: 1310-1325* M tlk in IN, pop mx, ID's. VG (Cobb). 1710-1721* AR M ancr, ME instr/vocal mx. F //17605 (Sarkisian, Buer-FL).
- 15585 ISRAEL Kol Israel: *0100-0125 EG nx, cmntry, HB folk mx pgm, VG, //79815, 11640 (Krist-VA, Pacetti). *0200-0225* EG nx, cmntry (Piper, //
- 15595 GREECE VoG: *1236 EG nx, ID, GK instr. mx. F (Krist-VA). (Piper/ 0130-0140 EG W w/Wld nx. P //9865 (Pacetti). 0330-0340 EG nx(Castrillon)
- 15615 ISRAEL Kol Israel: 2015 HB Home Svce pgms, lcl pop mx (Hosmer 6/19).
- 16433 KIRIBATI RK: 0610-0625 EG tlk by W, P w/UTE QRN (Stidwell 7/5).
- 17595 BELGIUM BRT: 1830-1900 EG "Brussels Calling", Afro Jazz mx IS, ID, "PO Box 26". F to Eur (Mayer, Kononchik-CT). 2100-2110 EG Flemish mx, Anti-Arms convention in Brussels, Flemish press review (Bonnet, Alcorn).
- 17605 NETHERLANDS Rned: 2040-2120* EG "Newline" tlk pgm. G (Hart 7/6).
- 17630 ISRAEL Kol Israel: 2000-2030 IS, ID, EG nx, cmntry, nice HB folk mx, VG (Hosmer, Bonnet). 0658-0726 HB anmts, nx @ 0744. F (Stidwell 7/5).
- 17680 CHINA R Peking: 0000 EG nx, "Third World Marches On". F (Fraser-WA).
- 17695 NETHERLAND ANTILLES Bonaire-RN relay: 1850-1910 FR W ancr, mx (Cobb-ME).
- Another fine turnout this time despite rather high QRN during June-July, there is a chance I may be living in Long Beach beginning in September where I would be enrolled in the graduate division of the Electrical Engr. pgm @ LBSU. More next month- the Dodgers play the Giants up at Candlestick park tonight with Fernando V. pitching, now that should be a game worth listening to! As far as DX: Look for good far-eastern mornings on 49m during August.

73's de Steve

log report section

17700 & ABOVE



BRETT SAYLOR

- 17705 WEST GERMANY DW; 2000 EG, Afr svc, "Saturday Special" (Hosmer/19)
- 17705 NEW ZEALAND R NZ; 0408 EG, mx pgm, EG songs, ID; hvy JRM (Plotnick)
- 17710 HUNGARY R Budapest; 0034-0046, 0115-0130*, *0200-0230 EG, pgms of EG culture, law, sports (Piper 7/2, Sutkus, Pieper, Castrillon)
- 17720 TAIWAN VOFB; 2035-2055 EG, nx, cmtry, CH mx, many ID's, f (Howard)
- 17725 CHINA R Peking; 0011-0019 EG, nx, cmtry, ID, good (Mayer)
- 17738 ARGENTINA Liberty; 2200-2245*, 0000 EG, noted 6/26 in SP, Arg Annie sending her propaganda to the Brits, sign on/off w/ "Yesterday" by the Beatles; talks of UK defeats in the war in the S Atlantic, quotes from a downed Brit pilot, anti-US items. Audio fuzzy, no jamming noted after 6/12 (9 reporters)
- 17745 ROMANIA R Bucharest; 0535-0556* EG, pro-communist views of the world nx, rpts on Poland, Argentina, Korea, Pakistan, g (Jordan)
- 17745 EGYPT R Cairo; 0600-0630 AR, "The Palestine Service in Arabic", prayers, tik, flute-like mx, f; //15475 vry weak (6/26)
- 17755 JAPAN RJ; 1900, 2100 EG, nx, cmtry, "Japan Encyclopedia", lang lessons, good (Cucura 6/20, D'Angelo, Alcorn, Hosmer)
- 17755 USA UN Radio via Greenville; 1116-1200 EG, peace tlks, arms race, UN Environmental pgm, mx (Bonnet 6/21)
- 17765 USA AFRTS; 0631 EG, nx, tik (Meyer 6/19)
- 17770mf DENMARK R Denmark; 1310-1317 Danish, IS w/ Danish & EG ID, tik, good w/ some interference (Buer 7/3)
- 17775 USA WRNO; 2015-2033 EG, rel pgm to 2025, "Saints Go Marchin'", JSL Info, exc (Stephany 6/8) (D'Angelo 6/22)
- 17775 UAE Dubai; 0311-0335 EG, light mx, commercials for Pan Am, nx #0330
- 17790 ECUADOR HCJB; 1900-1930, 2145-2200* EG, "DX Partyline," nx (Mayer)
- 17790 SWEDEN RSI; 1400-1430* EG, nx, mx, //21700; Alcorn, Kononchik
Hrd a little polar flutter (Kononchik 6/2, Piper, Purdum, Stephany)
- 17805 BRAZIL R Nac.; 1940 GM, tik on environ destr/protection (Prokop)
- 17815rf BRAZIL R Cultura do São Paulo; 0018-0345 PT, back w/ usual variety of mx -- rock, classical, jazz; exc (Krueger 6/24)
- 17825 BULGARIA R Sofia; 1835-1850 EG, nx, Bulg history, f (Cobb 6/2)
- 17830 PAKISTAN AP; 0232-0315 lang, chanting man, g (Sutkus 6/17) ID's???
- 17830 BRAZIL R Nac.; *0200-0300* EG, tik on Amazon pilot training, Braz mx (Bonnet 7/6, Piper)
- 17835 WEST GERMANY R Free Europe; 0255-0335 Czech/Slovak, disc by M, ID tik of Poland, Israel, Moscow (Jordan 6/30)
- 17845 SPAIN REE; 1705-1710 SP, special xmsn for World Cup Soccer champ, good (Buer 7/5)
- 17870 ARMENIAN SSR R Yerevan; 0240-0300 Arm/EG, tkl, EG ID, nx items on Armenia; EG off @ 0253, then to Arm, IS, vry good (Jordan 7/3)
- 17880 AUSTRIA ORF; *1229 EG, "Rpt From Austria", "Focus on mx" (Krist)
- 21570 SWITZERLAND SRI; 1316-1345 EG, "Dateline", world nx, Swiss folk mx, DX news, good (Alcorn 6/12, Kononchik) (Lucas 7/5)
- 21615 USA WYFR; 2025 EG, rel pgm, "Family Bible Reading", //21525, fair
- 21625 USA UN Radio; 2344-2359 EG, UNGA debate on Kampuchea, s/off 2359; ann'c'd sked: 1430 via Greenville next bcst, fair (D'Angelo 6/15)
- 21655 UAE Dubai; 1610-1658 EG, world nx, instr mx, specials on Arab hist and current events, into AR @ 1700, g (Bonnet 7/5, Alexander, Stephany)
- 21660 ASCENSION ISLANDS BBC; 0806 EG, WS nx, poor w/ sarkisian) extreme fades (Rapillo 6/23)
- 21685 MADAGASCAR R Netherlands; 2038 EG, "NxLine", "The Monday Rpt" (Krist)
- 21695 UAE Dubai; 1032 EG, nx, weather by W, ID's, commercials for RC "The Real Jola" (Hesch 6/25)
- 21710 US UN Radio; 1940-2015 EG, UNGA disc on Israeli situation (Piper)
- 25790 SOUTH AFRICA R RSA; *1059 EG, nx, "Week in retrospect", "SafR Hit Parade" (Krist 6/26)
- 26020 ECUADOR HCJB; 2030-2112 FR/Nordic, jazz mx, Andean flute mx, into Nordic @ 2100, high static/deep fades (Jordan 6/5)

Out of room so have a good mouth!

73's,

Brett

LOG FRIENDX REPORTERS

Terry Colgan, 8120 Ripplewood Drive, Austin, TX 78758

A plaintive request from several Log Report editors---make certain that your reports contain sufficient detail so the editors can check and double-check your loggings! And remember, the more difficult a station is to hear, the more detail your logging should contain. Often a seemingly insignificant detail in your report may help another listener identify a station he or she has heard but has been unable to catch an ID from. Thanks from all of us.

Thanks, also, to the following reporters for this month:

Sam Alcorn, Morrisville, PA (DX-200); Brian Alexander, Mechanicsburg, PA (FRG-7700mod); Paul Amend, Portage, WI (DX-60); Jeff Billar, East Brunswick, NJ (FRG-7700mod); Chuck Bolland, Lakeworth, FL (FRG-7000, DX-160); Arthur Bonnet, West Lafayette, IN (DX-302); John Boone, Spring, TX (RF-2600); Michael Brissett, West Allis, WI (SX-190, DX-160); Paul Buer, Miami, FL (SPR-4); Jose Castrillon, Edinburg, TX (CFS-65S); Ken Cobb, Portland, OR (RF-4900); Vladimir Cucura, Reading, PA (R-7); Richard D'Angelo, Wyomissing, PA; John Dillaman, Kalamazoo, MI (HA-63); Gene Eastman, Huntsville, TX (RF-4900mod, FRG-7mod); Richard Eckman, Rockford, IL (RF-4900); John Fisher, Chelmsford, MA; Bob Fraser, Cohasset, MA (XCR-30); Sholom Glikzman, Chicago, IL (R-4C, RF-2800); Pete Grenier, Azusa, CA (FRG-7); Norman Grosvenor, Hollywood, CA (FRG-7); James Halsema, Glenmoore, PA (ICF-6700W); Greg Hart, Bradenton, FL (DX-200); Michael Hawk, Hampton, VA; Baxter Hensley, El Paso, TX (FRG-7mod, SX-190); Ruth Hesch, White Plains, NY (R-1000); Frank Hixon, Chattanooga, TN (R-1000); Donald Hosmer, Dearborn, MI (RF-3100); Ron Howard, Santa Barbara, CA (SB-310); Rufus Jordan, Pittsburgh, PA (DX-302, Transoceanic); Joseph Kononchik, Ledyard, CT (DX-302); William Kreuzinger, San Pablo, CA (RF-2200); Kraig Krist, Falls Church, VA (FRG-7700); Terry Krueger, Casselberry, FL (RF-4900, ICF-2001, RF-2900); Rick Lucas, Stockton, CA (R-1000); Bill Mayer, Allentown, PA (GE portable, DX-200); Kevin Meyer, Falls Church, VA (FRG-7000mod); Gilles Michaud, Laval, PQ (FRG-7); Don Moore, Santa Barbara, Honduras (FRG-7mod); Steve Pacetti, Lakewood, CO (ICF-6800W, R-1000); Gary R. Pieper, Fraser, MI (S-85, Patrolman 10-band); Glen Piper, Rochester, MI (SW-717); Alan Plotnick, Hamden, CT (R-7); Gene Purdum, East Lansing, MI (FRG-7700mod); Brian Prokop, Willowick, OH (RF-2200); Fred Rapillo, Buffalo, NY (RF-2600, DX-160); Chris Samuel, Winnepege, MB (RF-2800); Brian Sarkisian, Jasper, MI (RF-2600, MKII 7800); Robert Schoone-Jongen, Edgerton, MN (DX-200); Bryan Sharpe, Castro Valley, CA (DX-302); Nolan Stephany, Williamson, NY (R-392); Donald Stidwell, Baltimore, MD (DX-302, FRG-7); Andrew Straka, West Lawn, PA (ICF-6800W); Don Sutkus, Oak Forest, IL (DX-160, NC-98); Dave Valko, Dunlo, PA; Eric Witzig, Annandale, VA (R-1000); R. Worsfold, Don Mills, ON (DX-302).

Remember that the deadline for Log Reports, except those sent directly to the column editors, is the 12th of the month. Please use FRIENDX log slips whenever possible and cut the loggings apart, including one signature slip with your report.

73 de tc,

Terry



A FRENDX classic



If there is humor in the shortwave hobby, Al Sizer, North Haven, CT, will find it. The following piece first appeared in the June 1974 FRENDX and it has broken me up ever since. Al says that any resemblance between this and any other DXer is stoutly denied, but I wish in a way that he was referring to me. The article is called....

THE SNOB

LOGGING REPORT

- 3290 TRISTAN DA CUNHA (presumed) With EE nx at 2000 but did not stop to ID as not needed here.
- 3942 UNIDENTIFIED Interesting Asian lang. Station here some nights around 0100; unable to ID due to Falklands QRM.
- 4008 KIRGHIZ SSR Frunze here at 1100 in lang. Easily ID'd by Kirghizian mx rhythms with unique diatonic scale.
- 4719.534 CAPE VERDE R. Clube Mindelo with fado mx at 2152. Freq. varies between 4719.533 and 4719.535.
- 5000 U.S.A. There has repeatedly been a difference of 100# of a second between WWV time checks here and on 10000 kHz. Most annoying.
- 6155 SWAZILAND Seems to be six stations here but easily separable with my specially adapted SWC-22A with radar notch filter.
- 6250 EQUATORIAL GUINEA Santo Isabel with most interesting political commentary at 2200 in vernacular Afro lang. Will provide translation for SASE to any desiring same.
- 11760 COOK ISLAND Rarotonga. Yes, it's there almost daily around 0800. Surprised me the rest of you can't hear it.
- 16050 PUERTO RICO R. Luz, Santurce, normally 1600 kHz has drifted up to 1605, qualifying it for short wave under NASWA rules, and heard at this QTH on 16050 on 10# harmonic. Cry your hearts out, guys!!

QSLs RECEIVED

- LESOTHO With my QSL from 7PA-22, the 100 watt Catholic School station formerly on 3824, the fifth grade students at Maseru have sent me a hand-embroidered Lesotho flag. Must find room on my crowded walls, even if my Andorra banner goes.
- TIBET Lhasa monks have sent me parchment scroll of verification. For DXers having trouble with this one, I will translate your report into Tibetan for \$50 per page.
- MANCHURIA First verie in the world marked "Haer-pin" (Harbin). Handwritten P.S. from Chou-en-lai says unfortunately not able to do likewise for other DXers.

NASWA ABBREVIATIONS

The following abbreviations are the ones most often used, especially by the Log Report editors. Though it might be desirable to spell out words rather than to abbreviate, the use of abbreviations permits the inclusion of more items in the space available. When reporting, you can also use the same abbreviations, but feel free to write out anything that might be ambiguous. All the times used in FRENDX, except where otherwise indicated, are in the 24-hour GMT (Greenwich Mean Time) system.

a	approximate	mx	music
ARO	Amateur Radio Operator (ham)	NA	National Anthem (or North America)
BBC MS	BBC Monitoring Service	NF, nf	new frequency
BBC WS	BBC World Service	nx	news
class mx	classical music	pgm	program
cmntry	commentary	QRK	Readability
CW	continuous wave	QRM	Interference
DJ	disc jockey	QRN	Noise (static)
EIR	East is Red	QSA	Signal strength
EL, EZ	easy listening music	QSB	Fading
FBIS	Foreign Broadcast Information Service	QTH	Geographical location
f/in	fade in	relig, rel	religious
f/out	fade out	rev	revolutionary
freq, fqy	frequency	RF, rf	reactivated frequency
fund	fundamental	s/b	should be
h, harm	harmonic	SSB	single sideband (LSB = lower sideband, USB = upper sideband)
het	heterodyne	SWC	"Shortwave Center", FRENDX
HS	Home Service	svc	service
ID	identification	t	tentative
Int	Internationale	TC	time check
IS	interval signal, identification signal	tlk, tk	talk
ITU	International Telecommunication Union	unid	unidentified
lang	unknown language	ute	utility station
lbx	letterbox, mailbag	v	varies (or very)
LL	language lesson	w/	with
LN	"Listeners Notebook"	W	woman
LR	"Log Report", FRENDX	WS	BBC World Service
lvl	level	wx	weather
lcl	local	xmsn	transmission
M	man	xmtr	transmitter
mod	modulation	//	parallel
MOR	middle of the road mx	*0000	s/on (sign on)
		0000*	s/off (sign off)

Geography:

Afr, Af	Africa(n)	LAm, LA	Latin America(n)
As	Asia(n)	NAM, NA	North America(n)
Cam, CA	Central America(n)	Pac	Pacific
ECNA	East Coast N. America	SAM, SA	South America(n)
Eur	Europe(an)	SEAS, SEA	South East Asia(n)
FE	Far East	WCNA	West Coast North America

Languages:

AK	Afrikaans	EG	English	IN	Indonesian	RS	Russian
AL	Albanian	FS	Farsi	IT	Italian	SC	Serbo-Croatian
AR	Arabic	FN	Finnish	JP	Japanese	SP	Spanish
AM	Armenian	FR	French	KR	Korean	SH	Swahili
BG	Bulgarian	GM	German	LH	Lithuanian	SW	Swedish
CH	Chinese	GK	Greek	NO	Norwegian	TT	Tahitian
CZ	Czech	HB	Hebrew	PL	Polish	TK	Turkish
DN	Danish	HD	Hindi	PT	Portugese	UK	Ukrainian
DT	Dutch	HG	Hungarian	RM	Romanian	VT	Vietnamese

Reporting signal quality:

excellent = exc, e good = g fair = f poor = p

(SINPO and SIO codes are acceptable for reports, but in most cases editors will convert to the above format for publication purposes).

NEAD XO-82: Announcement is now being made for this annual event. This years outing will take place between Sept. 17th and 19th. This year will mark our 7th outing. There will be a party on Friday night the 17th, banquet and awards along with the traditional HAP auction on Saturday the 18th and ending with the outing and cookout on Sunday the 19th. For additional information send me a \$.20 SASE...Sam.

HAP BID ITEMS: ITEM #602: CHAY sticker(6.5x6.5")m/c. #603:XETRA-AM(Mexico)sticker(4x5")m/c very nice! #604:XETRA-FM(Mexico)sticker(2.5x9.5")yellow,black-sharp! #605:KIFM "Rainbow" sticker(4.5x6")m/c. #606:WWVI(Virgin Islands)sticker(3.5x5")blue,white. #607:Radio Hallam (UK)decal(2.5x14")m/c-nice! #608:Radio Disco (Dominican Republic)sticker(3x7.5")red,B&W. #609:KEKZ "Rainbow"decal(4x7.5")m/c. #610:Radio Waikato (New Zealand)sticker(3x9.5")m/c. #611:Radio RSA (South Africa)coaster(4"cir)blue,gold-very nice! #612:Radio Berlin International (East Germany)coaster-double sided(4"cir)m/c. #613: Radio Nacional de Espana (Spain) sticker"La Radio"(3.5x4.5")B&W. #614:Radio Nacional de Espana sticker"Aqui La Radio"(3.5x4.5")B&W. #615:Radio RSA sticker(3.5x5.5")black,yellow. #616:RTE Radio 2 (Ireland)station pen,black,gold. #617:RTE Radio 2 station pencil,black,red. #618:Radio Vatican C60 cassette tape"Rosary by Pope John Paul II"-50th anniversary-nice! #619:2JJJ (Australia)sticker,m/c-really beautiful! #620:2JJJ station poster,m/c-very nice! #621:Radio News magazine - @ 40 years old and in excellent to perfect condition, complete w/ ads for receivers,SWDX report ham reports,etc...collectors item! #622:Radio Craft magazines @ 35 years old in top condition, complete w/ ads for receivers, stations listings,etc...collectors item! #623:KYLO decal(4x7.5")silver,black-beautiful! #624:KSPM "Rainbow"decal(4x6")m/c-beautiful! #625: KTXQ "Texas Best Rock"metal badge(1.5"cir)m/c-very nice! #626:PJD2-Sunshine Radio (St. Maarten Island)yellow pages address book w/ over 44 pages-beautiful! #627:Radio Veritas Asia (Philippines) paper pennant(3x5.5")black,red,blue. #628:Voice of Free China-North American Service cloth pennant(5x8")red,white,blue. #629:RTB (Belgium)paper pennant(4x8")m/c. #630:Radio Berlin International double sided cloth pennant(6x9.5")m/c-very nice! #631:Deutschlandfunk Radio (West Germany)vinal pennant-double sided(5x8")m/c. #632:Ondas Azuayis (Ecuador)cloth pennant(5.5x11.5")m/c-sharp! #633:BRT (Belgium)cloth pennant(5.5x10")m/c. #634:Radio New Zealand paper pennant 2 tone blue(3.5x8"). #635:Radio New Zealand paper pennant(3.5x8")orange,yellow. #636:Voice of Free China (Taiwan)paper pennant(3.5x6")B&W. #637: Radio San Sebastian (Spain)paper pennant(4x6")blue,B&W. #638:Radio RSA cloth pennant(5.5x10")m/c-nice! #639:Radio Sweden paper pennant(4x9")blue,yellow. #640:Radio France International cloth pennant(4x8")blue,white. #641:Radio Peking paper pennant(5.5x10.5")"Mountain Village"m/c-very nice! #642:Deutsche Welle (West Germany) cloth pennant(6x13")blue,white. #643:Radio Canada International vinal pennant(4x9")red,white. #644: HD2IOA (Ecuador)cloth pennant(3x3.5")blue,white-very sharp! #645:Radio Nederland cloth pennant(4x6")m/c. #646: Radio Prague (Czechoslovakia)cloth book marker"Women w/ Flowers"(3x8")very colorful! #647: Radio Prague cloth book marker"Golden Building"(3x10")very colorful! #648:Deutsche Welle (Germany)sticker(3.5x5.5")blue,B&W. #649:IBA (Israel)double sided flower book marker w/ tassel(1.5x9")m/c-very sharp looking! #650:BBC (UK)very large"Topical Tapes" poster,m/c. #651:WDR Radio (Germany)3 different stickers,m/c. #652:WPLR "Rock and Roll" key chain,red,white. #653:KHJ "Cowboy"metal badge(1.5"cir)blue,white. #654:BBC World Service (UK)metal badge(1.5"cir)red,white,blue. #655:Radio Aire (UK)sticker(5x5")m/c-nice! #656: WDR Radio (Germany)station pen,blue....Hope you like these items.....Sam.

NOTE: We have a very extensive supply of all types of items. Send a \$.54 SASE and specify exactly what you are interested in either pennants, stickers, badges, pins, T-Shirts, pens, mugs, etc...in turn you will receive our latest listing.....Sam.

HAP THANKS: The following individuals have recently donated various items to help us out. These are the people that are responsible for bringing you the direct sale and bid items: Tom Laskowski, John Fisher, Bob Fraser, Dario Monferini, Frank Pagano, E. Southwell, Rob Harrington, J. Fenton, Kevin Mikkell, J. Cronin, G. Darling, Tom Haskett, Bob Wirrell, Mark Warner, Mark Schliesinger, Paul Buer, Andy Wallace, Steve Meador, Harry Hartsell, Alain Algazi, M. Gerhardt, and a big thanks to B. Lucas.....Sam.

SPECIAL OFFER: The following Italian stickers are \$.50 each or you may purchase all 12 for \$5.00....Radio Ambrosiana, Radio Quattro, Radio Informatore, Gamma Radio (black), Gamma Radio (green), Telenova 59, Canale 5, Radio Atlantic, Radio Luna, Radio Deejay, Canale 4, and TV Elefante.....remember all 12 for only \$5.00.....Sam.

HAP DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any 5 for \$1.00. New since last issue: KCUZ, KSAN, WLLZ, KLZ, KSTR, Radio Canada International, BRT (Belgium-silver), WBCN and KTXQ. We also have..... PCH, KBRO, WAYE, WKYX, KFBK, Radio Clyde, Metro Radio, KCOL, KJR, Radio Orwell, KYSN, KIMN, CKLG, KFOK, NCFM, Radio Marconi, KILX, ABC-FM Perth, Radio France International, Radio Tees, HCBJ, BBC-World Service, 1ZB, ORF, 6KY, 3ZB, Swiss Radio International, 6WF, 4GG, WRDH, KSFY, CKNW, WJVA, WRCK, WLPX, KATR, KBDF, KBDF-1280, CFMI, Radio Aire, KWAX, WLIR, WMMR, WMET, KHFI, CKLM, WIRE, WQMF, WLUP, WINS, WPLR, WDOV, KROY, WYSL, NWSM, WHAL, WRTJ, WCFL (large), WCFL (small), WDET (large), WDET (small) and KSRO....The following B&W mini-posters are \$.25 each: 5UV, Voice of Syncom, Radio Fil Rose, Radio Caroline, Radio London, Radio West, Radio Duomo (woman) and Radio Duomo (car)....The following metal scation badges are only \$.50 each: KZAM, CFTK, Radio Forth, CFTR, CFTR "Blues Brothers", WMET, WMMR, WLPX, Radio City, and WLUP.

ADDRESS: Send your orders for direct sale items and your bids to: Sam Barto, 460 Emmett St. B-19, Bristol, CT. 06010 USA.....And remember to send a \$.20 SASE for all the details concerning the Seventh Annual New England Area DXers Outing.....NEAD XO-82.....Sam.

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

"UPDATE": SUBSCRIPTION RATES PER YEAR:

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

BUSINESS MANAGER & TREASURER - Mac Leonhardt, P.O. Box 13, Liberty, IN 47353

SHORTWAVE CENTER - Christian P. Hansen, 2825 Webb Ave. Apt. 5-F, Bronx, NY 10468

LISTNERS' NOTEBOOK - Glenn Hauser, Box 6287, Knoxville, TN, 37914-0287

QSL REPORT - Sam Barto, 460 Emmett St., Apt B-19, Bristol, CT 06010

UPDATE EDITOR - Tom Allemen, 615 43rd Terrace, Apt. 6, Kansas City, MO 64111

DISTRIBUTING EDITOR - Terry Colgan, 8120 Ripplewood Drive, Austin, TX 78758

LOG REPORT (A) - Stu Klein, 642 Cranbury Cross Road, North Brunswick, NJ 08902

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