

# FRIENDS

**RADIO  
BUCURESTI  
ROMÂNIA**





# ROLL CALL!!!!

Welcome to 108 new members joining in time to receive the March PRENDX.

ALLEN, Ben R., Walbridge, OH  
ARSENAULT, Stephen C., Melrose, MA  
ARZT, Wayne, Austin, TX \*\*  
AYARES, Howard, Coral Gables, FL  
BANK, Sheldon H., Brooklyn, NY  
BARKAS, Dennis, Calumet City, IL  
BARLOW, Brian E., Sherwood, MI  
BART, Ted, Butler, PA  
BECK, A.W., Plantation, FL  
BERGER, Arnold, Powell, OH  
BERNARDINI, Ronald, Downingtown, PA  
BIDWELL, Steven Paul, Tucson, AZ  
BLOCH, Jean-Jacques, Gaithersburg, MD  
BOBER, Jim, Middletown, OH  
BONE, Larry, Ishpeming, MI  
BOOTHE, William H., Newburgh, IN  
BOVER, Raymond, Brattleboro, VT  
BRINKLEY, Alan B., Chapel Hill, NC  
BURNS, Dr. Paul, Johnstown, PA  
CALZARETTA, Daniel, Oak Park, IL  
CANTRELL, David, Pueblo, CO  
CARBIS, Ronald G. Pinole, CA  
CARTWRIGHT, Brian L., Johnstown, PA  
CHEW, John R., Wauconda, IL  
COLOSINO, William W., Parma, OH  
CONCANNON, Terry, Whittier, CA  
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DITONNO, Benny, Albany, NY  
DITTRICH, Walter, Shalimar, FL  
DOERR, Roger, Orchard, NE  
DYE, E.E., Hannibal, MO  
DYKSTRA, David A., Eatontown, NJ  
EARL, Jack, Stockton, CA  
EDGERLY, Tim C., Chaparral, NM \*\*  
EDWARDS, Dennis S., Westfield, IN  
ERNST, Daniel P., Dubuque, IA  
EVANS, James W., Jr., Germantown, TN  
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FRALEY, James P., Pennsauken, NJ \*\*  
FROHMAN, Harry G., Beverly Hills, CA  
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GILSTER, Paul A., Raleigh, NC  
GOLDMAN, Cliff, Houston, TX 77057  
GREER, S. A., Humble, TX  
GREGORY, Richard, Erie, PA  
HAINES, Anthony W., Cadiz, Spain  
HAISEMA, James J., Washington, DC  
HENDERSON, James R., Mississauga, Ont.

HEUSER, Gilbert, Louisville, KY  
HODGE, Claude, Kennett, MO  
HOLLENBECK, Russ M., Newport Beach, CA  
HRIVNAK, Don, Peoria, IL  
HUDSON, Ray, Waco, TX  
INSALACO, Leonard, W. Pittston, PA  
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JOHNSON, Steve A., Tuscaloosa, AL  
KATONA, Michael, Wheeling, WV  
KENDRICK, Richard, San Antonio, TX  
KIRKLAND, Morley, Ft. Erie, Ont.  
KNIGHT, Stephen C., Jacksonville, FL  
LEARY, Alan, Akron, OH  
LEV, Michael, Upper Saddle River, NJ  
LIEBMAN, Morris, Bethesda, MD  
LUCKING, David, Friendswood, TX  
LYND, Richard K., Schaumburg, IL  
McHENRY, Paul, East Liverpool, OH  
McINTOSH, M.J., Victoria, B.C.  
MARKARIAN, Hrand, Chicago, IL  
MARSHALL, Sidney E., Millington, TN  
MAUNDER, Dave, St. John's, Nfld.  
MAXIMCHUK, Peter, Terrace, B.C.  
MORAN, James H., Philadelphia, PA  
MOYER, Wayne E., Dayton, OH  
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PARKS, Steve, Juliaetta, ID  
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SCOTT, Jim, Don Mills, Ont.  
SEWARD, James, Lancaster, CA  
SHAH, Dayna, Arlington, VA  
SICILIANO, Pete, Cleveland, OH \*\*  
SOMMER, Paul A., Decatur, IN /OH  
STEINBRENNER, George E., Bedford Hgts  
STRATMANN, Henry, Jr., E. Carondelet, IL

CONTINUED ON PAGE ONE - - - - -



# shortwave CENTER



JERRY A. LINEBACK, EDITOR  
P. O. Box 325  
St. Joseph, IL 61873

APRIL 1979

## DX-300

### USER REPORTS

The first reports from users of Radio Shack's digital shortwave receiver, the DX-300, have come in. Several people have reported problems with the MHz tuning as I reported in "This 'n That" page 9 of the March FRENEX.

REVIEW OF THE RADIO SHACK DX-300 COMMUNICATIONS RECEIVER by Rob Harrington, President of the Colorado Association of DXers. I purchased the Radio Shack DX-300 communications receiver from our local Radio Shack. After having the receiver for a few days, I found that there was some problem with my new receiver. So I sent in the new receiver for repairs. My receiver needed a small alignment. But the main problem still remained, the main problem is in the MHz tuning. The MHz knob has to be constantly adjusted when tuning the receiver. It drove me up the wall, it is a very annoying problem. Example: If you want to listen to HCJB on 9745 kHz, you first set the kHz knob so the kHz display reads 745 kHz, then you tune the preselector band switch to 9 MHz and set the preselector between 9 and 10 on the preselector dial. Then you tune the MHz knob to 9 MHz. As you turn it you will hear many stations go by, unless you know what HCJB sounds like you could tune in the wrong station and be off frequency. I feel that Radio Shack made a very bad mistake when they designed the receiver. To make the sensitivity better you have to readjust the MHz knob a lot, and will drive you up the wall. That plus not knowing if you are on frequency, unless you know of a station and where it is supposed to be. If you decide to change frequencies after peaking HCJB, you will soon note that you will have to go back and readjust and readjust again and again. You are going to be in for a lot of problems if you buy the DX-300. I just took my DX-300 back to Radio Shack for a refund. I made the mistake of paying by my own check, now I have to wait for 7 to 30 days for my refund to come from Fort Worth. If you decide to buy the DX-300, you may be better off charging it, and if you decide to return it you can get a charge credit in 5 minutes.

Denis E. Wilson, Gloversville, NY, wrote with a similar experience. "... I recently purchased a DX-300 and found it to be most unsatisfactory to operate and had to return it for a refund. The problem I experienced was that the MHz control knob was not precise, i.e. it required up to 1/5 of a turn to increase or decrease 1 MHz. I found that inbetween this span it was impossible to know where you were. No explanation from Radio Shack other than "It just takes a lot of tuning".

Larry Cunningham, Columbus, OH, wrote the following in a letter to Dave Walcutt. "I'm still having some problems with the DX-300; they may well be related to the Wadley-loop circuit difficulties discussed by Jerry Lineback in the March FRENEX. I'm continuing to work with the local Radio Shack service people and, indirectly, the big boys in Texas. I'm still hoping they can find some resolution to the difficulties. I would greatly appreciate hearing from any other NASWA members who share my experience, especially in regard to possible solutions. When the MHz tuning problems are not in evidence, I would venture to say that the DX-300 is a fairly serviceable receiver, certainly an improvement over my old DX-160. Sensitivity is good; selectivity is not up to professional standards, but probably equal to that on the unmodified FRG-7000 (consider the price differential). Frequency read-out is a dream to behold, except, ofcourse, when the problem crops up!

That brings up an interesting question. The major tuning problem on my DX-300 occurs in the 4.7 to 4.9 MHz area, and in the entire 25 meter band area, whereas I have no problem at all nearly anywhere else. On the other hand, Jerry Lineback (and others) report that the sample he tested showed apparently the same problem in the 19 metre band. With the Wadley-loop design, does the antenna have any influence on this type of problem? . . ."

We have indirectly heard similar complaints from others. Again, we urge that persons interested in the DX-300 examine the receiver they intend to buy under operating conditions and carefully examine its MHz tuning.

LATE NOTE: On 20 March your editor received a phone call from Radio Shack in Fort Worth. They are aware of the problem with the MHz dial (an "oscillating IF") and they are sorry that it happened. Radio Shack is willing to trade a checked out and working receiver for any bad one. Make sure your receiver dial is accurate by tuning stations of known frequency (WWV, CHU, etc.) before you leave the store.

# PROPAGATION

David Snyder , President of BDXC  
1137 E. 12th St.  
Brooklyn, N.Y. 11230

First let me introduce myself : I am a computer science major at Brooklyn College and work as a programmer there. For the past two years I have been conducting research into Radio Wave Propagation Predictions. I have written an article entitled "Radio Wave Propagation Forecasting" , which has appeared in NASWA, ASWLC, and BDXC bulletins. I currently do a Propagation Prediction program on Radio Canada Int. on the first Sunday of the month. I have also written a paper entitled "Prediction of the solar flux index" which has been submitted to the International Solar-Terrestrial Physics Proceedings and Workshop Program sponsored by the National Oceanic and Atmospheric Administration.

Enough about me ; Now to some basic Propagation.

When a radio wave is transmitted, it travels upward from the antenna and out into the ionosphere. The Ionosphere consists of gases which when bombarded by solar radiation are ionized. Ionization is the process of the creation of charged electrons which constitute much of the ionosphere.

The density of the free electrons in each layer is influenced by the level of solar activity (as measured by the solar flux index), time of day, location of the transmitter and the receiver, as well as the frequency transmitted on.

The solar flux index is a measure of the overall level of solar activity. It is closely associated with the well known sunspot number and may soon be preferred to it as a measurement of solar activity.

Using Propagation charts I have developed coupled with my own predictions of the solar flux index , I have listed below the Propagation Outlook for April 1979. The predictions are based on a monthly flux of 149.1 .

MHZ	Europe	So. Amer.	Asia	Oceania	Africa	North America
2						0130-0400
3		0100-0230 0730-1000		0830-0900 1200-1230	0330-0500 2200-2330	0230-0300 1100-1200
4		0100-0130 0300-0500	1000-1300 2230-0130	1130-1200	0300-0600 1030-1200 2230-0030	0230-0400
5		0330-0400 1030-1130	2230-2300		2200-2300	0500-0630
6	0130-0200				0230-0300	
7			1130-1200		0630-0700	
9		0300-0330	0030-0100 0300-0330 1130-1200 2230-2300			
11	0130-0200		0100-0300 0530-0600 1030-1200 2000-2230		0130-0200 0700-0730 1030-1100 1300-1400	
12	1200-1230					
15	0100-0130	2230-2300 0130-0230	0430-0500 1200-1230 2130-2230 2330-0300	0630-0700	0400-0430 1130-1400 1830-1900 2130-2230	
17			0430-0500			
21	1630-1700					

I would appreciate any comments, questions, or suggestions you might have about Radio Propagation , the Solar Flux Index , or my predictions. I would also appreciate your sending me a Self Addressed Stamped Envelope.

You can obtain a copy of the charts entitled "How To Pick A Band" used in these predictions plus a copy of "Radio Propagation Forecasting for \$1.00. Weekly and monthly predictions of the solar flux index, A index (Geomagnetic Activity) , and propagation outlooks can be obtained as a sample copy for 75¢.

Till next month 73's and Good DXing  
David Snyder

Editor's Note: David Snyder has volunteered to provide a montly section on propagation conditions and predictions. He would be happy to have your comments or suggestions.

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# Diversity Reception

## DIVERSITY DX RECEPTION

By Edward C. Shaw, This article first appeared in the November 1973 FRENDEX. From time to time

we will reprint articles from out of the FRENDEX past. If you have a favorite that you think ought to be reprinted, let your SWC Editor know, and send a copy if it appeared before September 1972.

Big time DX can frequently be detected with two receivers which would otherwise be inaudible or useless on a single more sophisticated receiver. At present, this writer is employing a diversity reception method using SX-190 and SP-600 receivers. The technique calls for listening to both receivers at one time through the use of split (stereo) headphones. Each receiver, using its own antenna, is tuned to the same frequency. By channeling one receiver to the left ear and the other receiver to the right ear, a superior sensitivity and signal quality is realized surpassing that available from either receiver used alone.

The greatest advantage I have found for diversity reception, however, is the ability to locate new, or to confirm reported parallel broadcasts of different frequencies. Recently, I was thrilled with the affirmation of Jordan on the reported frequency of 11,810 kHz at 5 kW a parallel to its 7155 kHz outlet. The 11,810 kHz outlet was not audible on either of my receivers used separately, but, by tuning the SX-190 to 7155 kHz for the left ear, and tuning the SP-600 to 11,810 kHz for the right ear, I detected the tell-tale resonant echo on 11,810 kHz which can only occur if both ears are hearing the same thing.

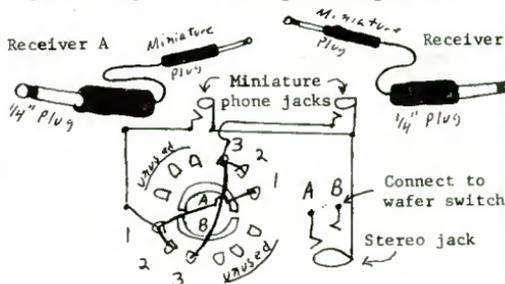
To accomplish this easy method all one need to do is use two sets of headphones, one for each receiver, each ear listening to its own headphone. It may be a bit uncomfortable as well as appear ludicrous to wear two sets of phones, however, and to avoid this as well as to make it conveniently easy to switch from receiver to receiver, the writer devised a small black box for installation between receivers which will enable listening to a choice of:

- (1) Signal A with both ears
- (2) Signal A into left ear and signal B into right ear
- (3) Signal B with both ears

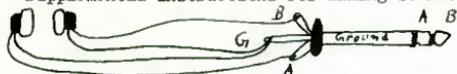
The total cost of new parts at Radio Shack came to less than \$8.00, and that was enough to construct two units with parts left over. You can't buy just one of most items - they come in packages of two or three. Otherwise, all else that is needed is a cheap stereo headset. I dislike regular stereo phones though, since they reproduce frequency extremes. So, one can be constructed from two single earphones bought extra and spliced together properly in a stereo phone plug.

### Parts List:

- 1- plastic mini-box
- 1- wafer switch (6 posit/2 pole)
- 1- stereo jack
- 2- miniature phone jacks
- 2- miniature phone plugs
- 2- phone plugs (normal 1/4" size unless you are using a portable with miniature size jacks)



Supplemental instructions for making stereo headset from two single earphones:



This gadget should enhance the season's DX for those having two receivers.

## Delta Loop

THE DELTA LOOP ANTENNA

By Chuck Rippel WA4HHG  
3229 Turtle Rock Drive, Virginia Beach, VA 23452

Over the past years, many articles have been written and much dialogue has taken place concerning one of the most important yet more easily varied components of the SWL's listening post, the reception antenna. I offer here a very easy to assemble and understand version of the widely used and highly acclaimed Full Wave Loop antenna used by Amateurs.

The Full Wave Loop antenna was invented and first put to use by MR. Charles Moore, W9LZX, one of the engineers of the then infant missionary SWBC station HCJB. The new antenna was comprised of a full wave length of wire formed into a rectangle and suspended in the air between towers. This new antenna came to be known as the Cubical Quad. The first Quads were used by HCJB in the summer of 1942 and proved so effective, that soon other stations in Latin America boasted the new antenna. This was to include a huge rotating giant for 49 meters at TGNA which is still in use today.

Through the amateur activities of Charles Moore, other hams began to ask about the new antenna which was also used at W9LZX/HC near Quito. After the second world war, these new antennas were beginning to crop up spurred on by their reputation of being able to transmit and receive signals as much as 30 minutes before more traditional antennas then in use. I might add that it is still true today; hence the saying, "Quads open and close the bands."

The antenna that this article will be dealing with is not the 4 sided Cubical Quad loop, but a simpler but related version called the Delta Loop (fig 1) which for our purposes, is much more. Electrically, it will work and be effective nearer to the ground and because of it's single point of suspension, this version of the Loop antenna is much easier to erect.

The Delta Loop antenna is a natural SWL antenna. It combines some of the virtues of the Vertical antenna such as it's response to low angle incoming signals, (fig 2) where the Dipole falls short as does the Inverted Vee. However, the Dipole and the Inverted Vee not only do not require the huge radial systems as does the Vertical, but they are not as receptive to man made QRN either. The Delta Loop also has some outstanding qualities of it's own to offer such as:

1. Wide Bandwidth (+- 200 kc at 4.8 mhz).
2. Ease of adjustment because of low "Q" factor.
3. Tremendous capture area owing to it's full 1 wave length construction at the desired center frequency.
4. A full 1.4db of gain at it's resonant frequency when properly matched.

As shown in figure 1, the antenna is bi-directional, that is, it is receptive off of it's broad side with deep but wide nulls off the ends. This quality is something that the advanced DX'er might appreciate. Let me give an example of how it might work to an advantage if one were DX'ing with certain target areas in mind. North American listeners could orient the Broad side of the antenna to face about 75°. This would allow the antenna to

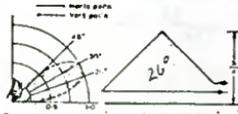


Fig 1 Delta loop at 1λ, corner-down feed

to take in a good part of Africa off of the "front" and the "back" would cover nearly all of the Pacific Islands, Australia, and New Zealand. Interference from South America which would be off of the end of the antenna would be attenuated between 5 and 30 db. The amount of attenuation will depend on the angle of the incoming signal, height of the antenna above ground, and if the antenna is being used within its designed bandwidth. At this point I might add that the Delta Loop can be used with good results on frequencies higher than the ones it has been designed for but please take into account that the characteristics explained above will be altered for reasons that are beyond the realm and scope of this article.

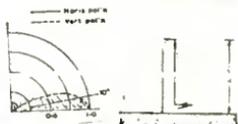


Fig 2. Vertical folded dipole

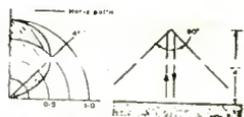


Fig 2. Inverted-V at 40

Construction is really very simple. First, the total length of wire needed must be found. The most agreed on formula for the Delta Loop is:

$$L = \frac{1000}{\text{Freq in Mhz}} \quad \text{once the total length (L) is found, the length of each side is needed. This can be found simply by dividing "L" by 3.}$$

Below is an example of a Delta Loop for the 60 meter band whose center frequency will be 4.850 khz.

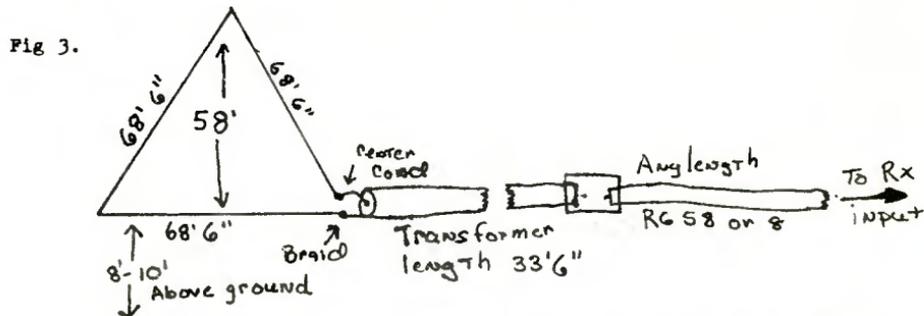
$$L = \frac{1000}{4.850} \quad \text{or } 206' \text{ of wire}$$

$$\text{side} = \frac{206}{3} \quad \text{or } 68' 7''$$

These are the measurements for a 60 meter Delta Loop. However, we are not quite ready to put our Delta Loop up yet. The impedance of this antenna is around 120 ohms. This would represent a 2/1 mismatch to the 50 ohm inputs in most of today's receivers. There fore, a simple impedance transformer is needed. A length of RG-59 or still better RG-11 cut according to the following formula and placed between the antenna and the 50 ohm feed line (RG-58 or RG-8) will do quite nicely. The splice can be accomplished with a standard PL-259 connector attached to one end of the 50 ohm feed line and another PL-259 connector attached to one end of the RG-11 or 59 with a standard double female connector in between. Please refer to fig 3. Here is the formula for cutting the the transformer or length of RG-11 or 59.

$$Tl = \frac{162.4}{\text{Freq in mhz}}$$

Below is a completed Delta Loop for the 60 meter band.



When erecting the antenna, care must be exercised to define and mark off each of the 3 corners of the antenna. Insulated wire should be used and the insulators should be installed so that they do not slip up and down the wire when stress is put on them. One method is shown in figure 4 below. You might want to try other methods also.

When hanging the antenna, the bottom wire should be parallel to the ground and about 8 or 10 feet above it. The feed line will be in one of the bottom corners and note that THE CENTER OF THE COAX FORMING THE TRANSFORMER MUST BE ATTACHED TO THE ASCENDING PORTION OF THE WIRE THE BRAID OF THE COAX IS ATTACHED TO THE WIRE THAT IS PARALLEL TO THE GROUND (fig 3).

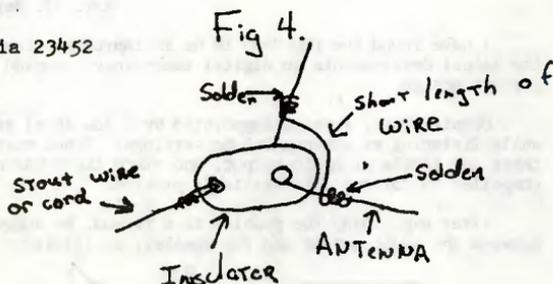
For SWL's, this antenna is both useful and versatile. It does not require large amounts of land to string wire enough to obtain useful gain as do antennas of other design. The antenna's only liability is its size when cut to cover the lower bands. For the 60 meter antenna, a tall support such as a large tree is needed to hang the antenna so that its bottom wire is the required 8-10 feet from the ground.

When you operate the Delta Loop, you will note that QRN is down 5 to 10 db from most all antennas. Stations in the target areas sought will be considerably stronger and will be detected sooner as compared to most horizontal antennas. At this QTH, the Delta Loop is consistently 5 to 7 db better than the Inverted Vee and 3 db better than my best vertical which is an amateur tower, 50' tall and gamma matched with a center frequency of 4.800 mhz.

For the purposes of this article, the 60 meter band was chosen to use for an example. The antenna is considerably smaller on the higher frequencies. To cut the antenna to another band, simply substitute the frequencies in mhz in the formulas for a band of your choosing.

Any questions regarding this may be directed to me with an SASE at the following address:

Chuck Rippel  
3229 Turtle Rock Drive  
Virginia Beach, Virginia 23452



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Interest in the FRG-7000 is strong and we have had several letters about the receiver and possible modifications to it. We share the following with you.

## FRG-7000

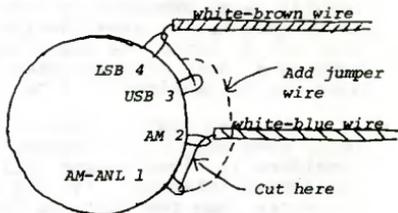
### ANOTHER FILTER MODIFICATION FOR THE FRG-7000

By Ken Duke, 5038 Bridgeport Rd.  
Columbus, OH 43220

February's SWC had an article by Robert Rankin showing how to wire in a separate switch permitting use of the FRG-7000's 3 kHz filter in the AM mode. Jerry Lineback's review article in the March SWC dramatically shows why such a modification is needed. While I wanted to have the 3 kHz filter available in the AM mode, I did not want to wire in a separate switch as Robert's article described. A look at the 7000's schematic indicated a simple modification involving only a short jumper wire would accomplish my objective. The result makes the 3 kHz filter in the AM-ANL position of the mode switch and leaves the function of the other three positions of this switch unchanged. The ANL, although not very effective, remains functional in the AM-ANL position.

To make this modification, remove the cabinet, set the 7000's chassis on one side, and locate the mode switch on the underside of the chassis. This switch has 5 sections or wafers; the last wafer (nearest the rear of the chassis) controls the selectivity. The white wire with a blue stripe, controls the 6 kHz filter and enters lug 2 and continues to lug 1. Cut the interconnection between lugs 1 and 2. Using a low wattage

soldering pencil and solder wick, remove the solder and remaining wire from lug 1. Leave the connection of the white-blue wire to lug 2 unaltered. Be sure there is no connection between lugs 1 and 2 remaining and be careful not to melt insulation from other nearby wires as you use the soldering pencil. Prepare a 1 1/2-inch insulated #22 jumper wire by stripping 1/4-inch of insulation off each end. Connect one end to lug 1 and the other (see figure) and solder the two connections carefully. The work is done. The 3 kHz filter is now available in the AM-ANL position of the mode switch and all the advantages described in Jerry's review article are available.



REAR VIEW OF MODE SWITCH SHOWING SELECTIVITY MODIFICATIONS

While this change to the FRG-7000 is simple, some skill in using a soldering iron and working with schematics and circuitry is needed to properly complete it. You may wish to have your dealer do it for you. ALWAYS UNPLUG THE AC POWER CORD BEFORE REMOVING THE CABINET.

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# FRG-7000

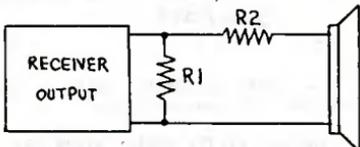
## AN INEXPENSIVE FRG-7000 AUDIO MODIFICATION

by ED INSINGER, 351 North Drive Arms, Apt. 57, North Plainfield, N. J., 07060

I have found the FRG-7000 to be an impressive communications receiver that reflects the latest developments in digital technology, coupled with an advanced Wadley-loop circuit design.

Despite this, I was disappointed by a low level audio hum present at the speaker while listening at minimum volume settings. Since most of my listening takes place at these low levels of Audio output, and since there was no defect in the circuitry, I felt compelled to correct this irritable problem.

After explaining the problem to a friend, he suggested that I try inserting a "pad" between the audio output and the speaker, as illustrated below:



R1 = 4 ohms rated at 5 W  
 R2 = 40 ohms rated at 5 W  
 (Ohmite Wire-wound)

The "pad" shown above consists of two resistors coupled to the output of the receiver. R1 is connected in parallel with the audio output of the receiver, while R2 is connected in series with one side of R1 and one leg of the speaker. This small circuit creates an audio output that is split between a shunt resistor (R1) and a load resistor (R2), which is capable of "padding" the annoying audio hum I encountered, and thereby reducing it to an inaudible level.

Hookup is quite simple. First remove the cabinet of the FRG-7000, and be sure to keep those small cabinet screws in a safe place, as they are easily lost! Next, tilt the receiver chassis upright, keeping the speaker nearest the table, with the bottom side of the chassis facing you. Now there is access to the speaker and audio output cable. This cable is a two-wire brown cord, terminating in a white and black lead soldered to the speaker. Desolder both these wires from the speaker lugs, and insert the two resistors as shown above. Two important tips are suggested here: (1) be sure the receiver is unplugged and (2) connect all wires and resistors before soldering. This allows you to position leads and parts as desired, away from other components. Make sure they do not come in contact with other leads or ground against the chassis or outer case. Sufficient room is provided to neatly insert these two resistors. I suggest you use the cylindrical type Ohmite wire wound resistors rated at 5 watt<sup>2</sup>. These resistors fit inside nicely.

After all connections are made and carefully soldered with a 25 watt pencil-type soldering iron, you may test the receiver before inserting it back into the outer case. Be careful of what you touch, since many hot leads are exposed! You are merely spot-testing your modifications at this point. If all is well, encase the chassis and replace the case screws carefully. Now hook up your antenna and observe the results. You should be very pleased at its performance and the small cost that went into making it that way!

## FRG-7000

### THE FRG-7000 -- USER COMMENTS

Harry L. Hartzell, Lompoc, CA.-- "I read with interest the FRG-7000 user review and suggested modifications by Robert Rankin in the Feb. 79 FRENDX. I have just received a new FRG-7000, modified by Gilfer Associates. Total cost, including shipping, was \$641.44.

Gilfer modified it by adding a 4 kHz filter. They also redid the mode switch section of the front panel. The LSB-CW and USB positions are the same as before. The original AM now reads AM-wide. A new AM-narrow position is where the AM-ANL used to be. The ANL has been retained and is operated by a switch on the back.

If you are listening to music and switch from AM-wide to AM-narrow, it still sounds good--about like you had turned the tone control down to its lowest position--and adjacent channel interference is pretty well cut down. If you are listening to SSB, you can easily "fine tune" the last kHz with the main tuning knob, so that you don't often need to use the regular fine tuning knob.

Mr. Rankin said it right when he said this receiver was a "dream" to operate. And the digital readout seems to give me a finer touch than I could attain with my old (unmodified) FRG-7.

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Ed Insinger, who wrote the earlier article on modifying the FRG-7000 audio, mentions that he compared his Gilfer modified 7000 against a Collins 2.9 kHz mechanical filter (presumably in a FRG-7) and decided that he was "inclined strongly to favor the ceramic over the mechanical. Why? First and foremost, audio intelligibility is far superior on the ceramic, second, the mechanical is too expensive. Just not worth it to me when the ceramic will perform that well, and it does."

Ed also uses a 3 wire line cord with bypass capacitors and resistors across both hot legs to reduce line QRN. He mentions that he too did not like having a clock that could not be turned off and often pulls the plug.

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Editors Note: When I compared the 2.9 kHz mechanical added to a FRG-7000 against the 2.4 stock ceramic used in the AM mode, I found a slight audio advantage to the mechanical because of its wider nose, but no real difference in selectivity.

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Don Dickey, Minneapolis MN, also wrote about his new Gilfer modified FRG-7000. He thinks it is as good as the other receivers he has (RF-4800, Collins 51J2, Drake SPR-4, SW4A, SX-100). He also appreciates the good service given by Gilfer Associates. Leibschen thinks it is great too.

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## Solar Eclipse

DXING DURING THE SOLAR ECLIPSE  
by Robert Fraser, P. O. Box 501  
Cohasset, MA 02025

Keeping in mind Glen Hauser's mention of possible night-time DX reception during the solar eclipse of 26 February 1979 that he made in this Listeners Notebook section of the February FRENDX, I fired up my Barlow Wadley XCR-30 during my lunch time. All I have for an antenna is its 1 metre vertical whip. I had only the period of 1715-1745 GMT to really listen which was the last half of the eclipse. But I did manage to catch some quick time periods one and two hours later to compare signals.

Primarily, I listened to the two WWV frequencies of 5 MHz and 20 MHz. I never got any reception of the 5 MHz transmission, but there was an excellent signal on 20 MHz. The only change I noticed was a sudden drop from excellent to fair on 20 MHz around 1717 GMT which I presume was due to the eclipse. By 1720 GMT, the signal was back up to its former strength.

The other two WWV frequencies received were 15 MHz with a fair signal and 10 MHz with a poor signal. Both remained unchanged. Moving to 49 metres: reception of CFCX on 6005 kHz was good at 1740 and was at the same level at 1840 and 2030 GMT checks. CFRX on 6070 kHz was poor at 1740 GMT, gone by 1840, but back and very poor by 2030. CHNX on 6130 kHz was very good at 1740, almost gone at 1840, and with a fair signal by 2030 GMT. By this time, 2030 GMT, a number of European transmissions were beginning to be picked up.

Reception of New York VOLMET Aeradio on 3001 kHz was poor at 1745 GMT, was improved at 1840, but had gone back to poor by 2030 GMT. The other frequencies: 5652 kHz had a fair signal at 8868 kHz had a good signal - both remained unchanged.

I even tried the mediumwave and some of the powerful distant AM stations, especially WQXR, New York on 1560 kHz. Lately, it has been received hereabouts with a good signal to 10:30 and 11:00 am EST, but I had no luck.

In the other direction, France was loud on 21705 kHz at 1830, but the BBC on 21710 had already signed off. Some Soviet stations between 12.0 and 12.1 MHz could be received with fair to good signals, but nothing I would call spectacular. I never got any overseas stations below 31 metres and these 9 MHz band transmissions were as good as the day before.

I noted the hams tried the lower frequencies. 40 metres was very busy in the 1815-1845 GMT time period, but 80 metres was quiet until about 1840 when a couple locals came on. They made contact with other stations but I didn't remain with them. While I didn't try the higher frequencies until 1945 GMT, I found both 10 and 15 metres busy at that time. I didn't bother with the CB band as this is always busy regardless.

The WWV propagation broadcast at 1818 GMT gave the solar flux at 169, the K-index as 4, and the geomagnetic field as moderately active. At this same time, New England was experiencing a snow/sleet/rain storm from a northeast gale dying somewhere east of Philadelphia. I have never determined whether a weather front does affect radio propagation.

All in all, and with the exception of the short drop in signal strength of WWV on 20 MHz, I felt the eclipse was a disappointment, propagationally speaking.

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## BRASIL

RADIO CLUBE DE PERNAMBUCO AND RADIO  
JORNAL DO COMERCIO

by Ron Howard, 777 Via Hierba,  
Santa Barbara, CA 93110

Since 1971, when I had the thrill of hearing and QSLing my first Brazilian station, I have been on the look out for other Brazilians, both to log and QSL. There must be other members who share this interest in Brasil, but I wonder if we all appreciate the history and technical complexities that comprise some of these stations? Take for example Radio Clube de Pernambuco and Radio Jornal do Comercio, two stations located in Recife, a city on the northeast coast of Brasil.

When you tune in Radio Clube de Pernambuco, do you realize you are hearing a bit of Brazilian history? For it was on 17 October 1923 that this station went on the air, the first one in Brasil. Today it operates on mediumwave (720 kHz) with a PEB made transmitter via an omnidirectional antenna, with a standby one kW PEB transmitter. In the 49 metre band (6015 kHz) the station uses a CACIQUE Transmitter that is 40 years old and still going strong. In the 25 metre band (11865 kHz) there is a one kW transmitter that was made by the technical staff at the station sometime around 1949. Both these shortwave frequencies use a DELTA half-wave dipole antenna.

Radio Jornal do Comercio is a more complex station, with a total of eight MARCONI transmitters. Mediumwave (780 kHz) is presently on the air 24 hours a day and has a 5 kW back-up transmitter. The shortwave frequencies are in the 19 metre band (15145 kHz) and 49 metre band (6085 kHz). The station's program format consists of music, news, and major sports events within Brasil (usually futebol).

Radio Jornal do Comercio has two FM transmitters that establish a communications link between the studio building and the "Palace of Radio" where the transmitters are located. The station also has two mobile FM transmitters which are capable of sending a signal back to the studio. Because of this versatile system the station can transmit three different programs over three different frequencies at the same time. Added to this equipment is a unique feature, reportedly the only one in South America. The eight transmitting towers are all illuminated automatically by a system of photoelectric cells.

It is my hope that this article has aroused your interest and will motivate you to try tuning in to these stations. If so, please check the recent log report sections to find out when is the best time for reception in your area. If you should hear these stations and wish a confirmation (QSL), let me offer a few suggestions based upon personal experience. I have found I have more success if I send my reception report directly to an individual at the station. That is one reason why Sam Barto's "QSL Report" is so outstanding. It shows who the verification signer is. With this in mind, you might try a reception report for Radio Clube de Pernambuco, in English, directly to: Edson Montenegro, Cruz Cabugá 394, Recife, PE, CEP50.000, BRASIL. Senhor Montenegro was kind enough to send me a full data letter and has a good command of English. Another engineer at the station is Alberto Moreira, who is a radio amateur (PY 7 DN). I do not know Senhor Moreira's ability with English, so it would be best to write him in Portuguese.

For Radio Jornal do Comercio, send your reception report in English directly to: Arthur S. Miranda, Caixa Postal 1332, Recife, PE., CEP-50.000, BRASIL. I have found Senhor Miranda to be an excellent verifier. He is the chief engineer for the station's transmitters and is also a radio amateur (PY 7 DT). Arthur's wife is a collector of post cards and I am sure they would both be most appreciative of any local post cards received along with your report.

GOOD LUCK AND HAPPY LISTENING!

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## THIS & THAT

John D. Williams, Bloomington, MN, writes that the following persons have manuals for the SP-600 JX receiver: Ken Murley, 13011 Crescent Rd., Surrey, B.C. CANADA V4A 2V7 for \$2.00 each postpaid, and from

Sam Consalvo-W3IHD, 7218 Roanne Drive, Washington, DC, 20021. He has them for the R483/FRR + BC 779 - the military version of the SP-600 JX, for \$10.00.

IMPROVE YOUR DX TAPES WITH A QF-1, by Syd Osterman, Toronto, Ont. I use a number of add-on gadgets in my DXing, including a QF-1 Audio Filter. However, I think that my method of using this marginally effective piece of gear differs somewhat from that normally mentioned. My QF-1 is used to remove hets, reduce static, or peak a signal that I have already taped and cannot read to my satisfaction. In other words, the output of my tape recorder (cassette) is fed through the QF-1 and, while listening on phones or speaker, I can, at my leisure, attempt to improve DX signals taped at other less convenient times. In this way I eliminate the possibility of chopping out a vital ID or other relevant speech while fiddling and fumbling with the Filter on a live transmission. Also, I can replay the tape as often as required to obtain the best result. If your receiver is tuned to make the most of a poor signal prior to taping, the use of an Audio Filter after the tape is made will often help to interpret those few vital words needed for an ID.

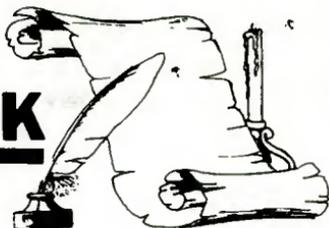
RETURN OF BRAZIL from Brett Saylor, Altoona, PA. Radio Nacional of Brasilia, Brazil is back with its international service in English. They are now conducting a 90-day experimental broadcast on 15280 kHz from 0200-0255 GMT, playing Portuguese and Brazilian music and with 3 to 4 minute spots on different aspects of Brazil such as the weather, economics, farming, and so on. The announcer, John Morris, talked about the international services two year absence from the air, though they didn't say why they had been gone or why they were now back. But he did encourage listeners to write giving the address: Radio Bras (network name) c/o International Correspondence Service, Post Office Box 040340, Ed. Venancio 2000, 1st Floor, Postal Code 70323, Brasilia, Federal District, Brazil. Write and support their return!

Thanks to our contributors this month. We appreciate your efforts to support SWC.

In the interest of saving energy, I will make some space available in SWC for those wishing to find riders to share transportation and those looking for a ride to ANARC and to other radio meetings being held this summer. Just send me a card briefly stating planned route to Minneapolis and how many riders you can take, or a card stating where you will be in June and that you are looking for a ride. Deadline for May SWC will be 15 April. 73s JAL

# Listeners NOTEBOOK

**GLENN HAUSER**  
University Radio WUOT  
Knoxville, TN 37916



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## PROPER CREDIT

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## ENGLISH SCHEDULES

AFGHANISTAN Since 16/2 RA's ES in EG to Eu at 1900-1930 has been on 15140 & 11890 (BBC MS 22/2) Hrd on 15139.5 on 25/2 (Andy Robins, Kalamazoo MI)

AUSTRALIA RA ended its NAm sce on 9580 on 7/3 for a 'major construction project'. It will return as soon as possible (Andrew Blumberg, Brooklyn NY) Came back on 15/3 at 1100-1300 (Steven Shaffer, Hammond IN) And hrd on 17/3 & 18/3, usual excellent sigs (Richard Allen OK)

AUSTRIA My heart leapt with disbelief, relief and great happiness upon encountering ORF in English on 11720 at 0145 19/3, but at 0152 closing only 6155 and 9770 were announced, just as WYFR OC came on prior to their IS at 0154, a nice match; thought ex-9770 as not heard there, and 6155 as usual was mixing with Bucharest, not the clear shot we had hoped for with WYFR gone from there. Could ORF finally have lost its resolve to make NAm listeners suffer for the benefit of frequency-retention? (gh, Santo Domingo, Dominican Republic) SIO 433 on 10/3 in EG on 11720 0130-0200 the Spanish is listed (Bob Zilmer, Milwaukee WI, SPEEDXGRAM) When checked 24/3 this fq was back in SP. A temporary test, or more likely, switching error (gh)

BANGLADESH Dacca in EG 1330 15/2 on 15740, not in published sked (Joe Kelley, ADXN) LN-13

BELGIUM BRT on 17740 u/o VQA Monrovia, ex-17745, which is clear, exc. for splash from Liberty Jammer on 17750. \*1710 after 10 mins of new jazzy IS, played by horns over continuous percussion (Jay Novello, Endwell NY, 20/3) As of 1/4 EG time should change to 1610 (gh)

BENIN noted Suns around 2000 in EG on 4870 (Pablo Tomás Jensen, Mar DSWCI SW News)

BRAZIL R. Nacional de Brasília (Radiobrás) has resumed an IS in EG for a 90-day experimental period on 15280 at 0200-0300 (gh) On 21/2 received letter from Reginaldo Azevedo, Head of the Correspondence Service saying they would resume on 28/2 in EG FR & GM. One hour each at 8 p.m. GMT. No frequency given (Joe Tangredi, Las Vegas NV, March RIB) This had us all hunting for the frequency at 2000-2300, especially on formerly used 11780 and 15245 (gh) Heard long-missed friend John Morris closing at 0255 10/3 on 15280. Gave this new address: Radiobrás, c/o International Correspondence Service, P.O. Box 04-0340, Ed. Venâncio 2000, First Floor, 70323 Brasília, DF, Brasil (Ralph Martínez, IL) Same 10/3 0200-0300, but not there every day since (Conrad Richardson, Lynchburg VA, 14/3) 14/3 GMT they ran an OC o/KGEI at \*0142-0158\* only, but on 15/3 hrd with former IS 0158 and pgn 0200-0300\* o/KGEI. The usually well over 50-kW KGEI here, rather inconsiderate of RNB to have chosen KGEI's long-established LAm channel! Seems to have remained on most or all nights since (gh, 25/3) First hrd 11/3. Listener support will help to have regular EG programs from Brazil. Good programming; should be looked into by others (Mark Lukosavich) 12/3 covering KGEI quite well. The announcer was not Brazilian—no accent and a non-Brazilian sounding name (Roger Reint, League City TX) In my opinion, John Morris does have a slight accent, the not unpleasant (gh) RNB clearly dominates the freq. A lot of Brazilian mx played. At s/off, no sked of other langs (Jerry Pacuch, Vandergrift PA, 15/3; pron. PUTT-sue) Unbelievably clear 15/3 (Kevin Carr, Bailey CO) First hrd 15/3; had a pgn on ag & exports (Andrew Blumberg, NY) 19/3 SIO 534, varied styles of Braz. sx intelligently and'd. Requesting reports as often as possible. 20/3 had mini-features on tourism, arts, Brazilian goods abroad, and personalities (Jay Novello, NY) 20/3 good strength, but useless due to KGEI; SIO 411. They would be clear here if they moved 5 or 10 kHz in either direction. What a service they could provide if they would establish an unbiased news policy, because as best I know, there is no such news service from SAm available, where the news is actually gathered and not taken from a wire service like HGJB does. How could they be encouraged to do this? (Bill Smith, Eunice LA) Also hrd by (A. Hywaxren, Man.)

BULGARIA R. Sofia new EG sked: EAF 1830-1900 15310 17825. WAF 2030-2100 15310 11735 11665. Eu 1930-2000 11720 9700. Eu/NAM 2130-2200 11860 11920. NAM 0000-0100 9705. 0430-0500 11860 (Two reporters whose names I didn't catch, sorry, SGDX 13/3)

CAMEROON R. Cameroon IS in EG is on 9745 at 0620-1030 (Sun -0745), 1400-1600, 1805-1945 (Jurgen Mangerich, Frankfurst, DX-Flash 2/79 of WDXC)

CANADA RCI is noted to have stayed on 11940 at 0100-0127, instead of shifting to 17865 as planned, for the SAm/Caribbean beam; //5960 (gh)

CHILE Latest EG sked announced on LVCH: 0030, 0200, 1100, 1300, 1400, 1830, contradicting Mar LN-1. Hrd 1100 13/3 on 15115 (Bob Underdown, Siloam Springs AR)

ECUADOR HCJB M79, as amended per DXPL 24/3, as of 19/3; NAm 1200-1430 11740 (tho published as 11745; curtailed to 1200-1300 during hydro power shortage), 1200-1600 15115, 1300-1600 17890, 0030-0700 11915 9745, 0500-0700 6095, SAm 1200-1600 15115, Su 1700-1800 21480 17890 (15295--published as 15310--dropped during power shortage), 1900-2030 21480 17790 and 15295 dropped during power shortage), 0700-0830 11835 15415, SPac 0600-1130 11900 6130, 0700-1030 9745. Note that the so-called 'parallel' xmsn to NAm on 15115 at 0030-0200 continues to be missing from both broadcast and published HCJB schedules; 21460 was used for a couple weeks, but 21480 was resumed because of mutual QRM with "R. Israel on 21465". However this fq does not appear in the IBA frequency schedule (gh)

EGYPT R. Cairo is using 15175 instead of 9475 at 0230 (Andrew Blumberg, NY, 15/3) Not when I checked at \*0200 24/3, when on the usual announced 12050 and 9475 only (gh)

FINLAND Despite previous notice to the contrary, R. Finland heeded my advice to use 21 MHz to NAm, adding 21485 //15400 at 1430-1500 as of M79. This generally provided a much stronger signal than 15400, suffering from absorption. However, Pakistan also picked this fq, causing a bad het (gh) FIR moved to 21475 (Jay Novello, NY 20/3) A bad choice, squeezed between RN and BEG; 21690 would have been a clearer freq. It is interesting to note that this xmsn tho on a 305° beam only (toward NAm) is also designated to G&E/ME, a rare instance of a de-liberate off-the-back targeting (gh) And we are looking for a channel to replace 11735 at 2330 to avoid the clash with Netherlands (Patrick Humphreys, R. Finland) There just are no really clear 11 MHz channels at that time; oh yes, the 2330 NAm xmsn was also changed to 11735 and 15265. The latter can be good, but again suffers from a sometime het (gh)

GERMANY EAST RBI noted on unannounced 9535 to NAm at 0330, mixing with RCI (Arthur Cushen, NZ, DXPL 11/3)

GERMANY WEST DW in SSB on 4882 at 0120-0150 is a feeder to Malta relay, rebroadcast on 6100 and 11865 to NAm (Denis Beauregard, Canada, WDXC 2/79 DX Magazine)

GREECE VOG now on 21655 at 1200-1250 and on 21455 mixed with jamming at 1500-1550 (Noel Green, BEG WRC 21/3) Actually, I didn't catch the country or station but assume this was it because of characteristic times; EG segments are 1215-1230 and 1515-1530 (gh) 0015-0030 on new 9655, SIO 444, ex-9760, //11730 9515, 20/3 (Jay Novello, NY) At 0015 on 9270 (Martinez y Martinez, SCDX 21/3) Not audible here; perhaps another mixing product, tho a mix of 9655 and 9515 at 140 kHz separation would be on 9375 (gh) GUINEA LN-13 (twice; & LN-7)

GUINEA No English hrd from here at 1815 (William O. Dickerman, Williamsport PA, 2/3) On 15310v; irregular; had been reported on Sun only--amend your April PE (gh)

HAITI 4VEH EG on 11835 9770 now at 2300-2400\* (Ruth Vollrath, Marshall MO, 26/2) ex 2330-2430 per WRTH 79 (gh)

HONG KONG Ireland isn't the only country available to DXers only by utility stns. Try H.K. VOLMET on 8903 at 1215. They broadcast flight weather at 15-20 and 45-50 past each hour (Bob Underdown, Siloam Springs AR, 13/3)

ISRAEL IBA tentative J79 (starting 6/5) fqs of interest in NAm: 0500-0515 11655 15105 15485 1200-1230 17685 21495 25640, 2000-2030 11655 17645 21625, 2230-2300 9815 11655 15485 17645 21625. However, there is also a possibility of EG at new times. The 1200 xmsn to Au/NZ will probably move to 17565 sometime during M79 and for J79, due to QRM on 15540 (Larry Magne, PA)

ITALY RAI M79; NAm 0100-0120 11800 9575, SAs 0350-0410 21560 17795 15330, Mediterranean 0425-0440 7275 6075, 1935-1955 GB 11800 9710 7275, NE 2025-2045 11800 9575 7235, Japan at 2200-2225 11905 9710 5990 (gh) KOREA S EG NAm 1600 & 1800 9780; 2000 11600 (Freitag, SCDX)

JAPAN (Cf Mar LN-2) NSB EG hrd on GMT Mon 5/3 at 1530, so GMT Sun would be the day off (gh) R. Japan M79; ME&NAF 2015-2045 11940 9700, NAm 2345-2445 17825 15270, N&LA&Ham 0130-0230 21640 17825 17725 15195, Su 0800-0830 21610 17710, Su 1830-1900 11855 9605, ANZ 0930-1030 15235 11875, SAs&F 1630-1700 11705 9670, General Service of 15 min on the hour, exc. 30 min at 1000, 1400, 2300; Am: 2200-0415 17755, 0500-0715 15105, 0800-1815 9505, 1900-2115 15105, As: 2200-0015 15195, 0100-0715 17880, 0800-1115 15195, 1200-2115 11815, Su: 0100-0515 15310, 0600-1115 17810, 1200-2415 9585 (via Holmes, CO)

LEBANON R. Lebanon use of 11925 to NAm 0230-0300 changed to QRMed 15440 23/3 (Novello, NY)

MALTA "Malta Calling" from R. Mediterran is now on Sats only 0700-0800 on 9670. Evening 2045-2115 not obs in recent weeks. The new pgm is '60 mins of music, nx, and info'. 5-min nx is at 0715. Reports and suggestions requested to Box 82, Valetta (BBC MS 15/3) Two undated skeds from IBRA Radio contradict each other (gh) EG Mon 2100-2115 & Sat 2045-2115 on 9530 (via Dan Prisco, Scranton PA) Same times on 6035 (via Charley Hoffman, PA) Note that as IBRA itself admits, R. Mediterran is the station; IBRA Radio is a program (gh) 9530 (RVD)KW

MOZAMBIQUE Beira 4895.5 noted at 0358 (sign on?) with EG ID by man with South African accent (Syd Osterman, Toronto, Ont., 4/3) During the non-aligned nations foreign ministers conference in Maputo, R. Mozambique introduced special EG at 2000-2120 on 6005 plus other times on MW/VHF. News at 2100 (Richard Glnbey, RSA, SGDX 13/2) Presumably over and off by now (gh)

NETHERLANDS R. Nederland is putting a good signal into NAm on 21480 (via Madagascar) at 1430 -1525, intended for S&SAs; sometimes better than evenings from Bonaire due to QRM and use of too-low frequencies (gh)

NETHERLANDS ANTILLES TWR J79 shows no changes, tentatively, from M79, cf Mar LN-2 (gh)

NEW CALEDONIA R. Noumea in EG with woman interviewing local figures at 0735 24/1 and 24/6 on 7170 11710 (R. Colin Newell, BC, SPEEDX) And on 18/1 (George Zink, CA)

NEW ZEALAND RNZ M79: 1800-2105 11960, 1800-0630 15345, 2115-0815 17770, 0640-1215 6105, (Barry Hartley, Senior Technician, RNZ, 3/3) Slightly different times from RA version (gh)

NIGER Niamey hrd with EG at 1730-1800 on 5020 (G. Victor A. Goonetilleke, Sri Lanka, DJWB)

NORWAY Here are R. Norway's tentative plans for J79; EG Suns plus GMT Mons only; to NAm undelimited: 0800-0830 21655 17775 15135 9590. 1200-1230 21730 17715 15345 6015. 1400-1430 21730 17840 15175 9590. 1600-1630 21730 17755 15175 15345. 1800-1830 21730 15345 15175. 2000-2030 15345 15175 11850. 2200-2230 17795 15345 15175. 0000-0030 15345 11860 9605. 0200 -0230 11860 9610. 0400-0430 11895 11860 9645. 0600-0630 21655 15170 11860. (NTA) That 11860 will be a real mess if BBC and Moscow/Sofia are still there too: (gh)

PAKISTAN R. Pakistan slow EG nx 1600-1615 hrd on 17640, giving these: ME 17640 21485 21735. Eaf 21595 17665 (Gerald W. Arrington, CA, 7/3) R. Pakistan DS, some times and freqs for EG nx from Islamabad/Rawalpindi: 0300-0310 9545 7095 6115. 1005-1010 11915 9645. 1700-1715 on 7195 7135 5060. Islamabad 100 kW except 11915 10 kW; 9545 may switch to 10 kW; 7195 Karachi 10 kW as is 6115 (BEC MS 3/79) more, LN-13

PORTUGAL IBRA Radio transmits daily via R. Trans Europe at 1700-2100 on 9670, including EG Thu & Sat at 2030-2100; Fri & Sun at 2045-2100 (undated), via Charley Hoffman & Dan Prisco

SOUTH AFRICA R. RSA tentative J79: 0200-0250 NAm 11900 \*9610 9585 5980. Eaf 0300-0426 9585 \*7270 \*5980 4990 3995. Waf 0600-0700 21535 \*17780 15220. C&Eaf/Eu Mon-Sat 1100-1156 25790 15125. C&Eaf/Eu/ME Mon-Sat 1300-1550 25790 21535 15220. Caprivi Sun only, also in Afrk 1300-1459 25790 21535 \*17780 15220. Sun 1459-1550 C&Eaf/Eu/ME 25790 21535 15220. 2100-2150 Waf/Eu \*17780 15155 11900 \*9585. \* means 500 kW; rest 250 kW (Radio RSA)

SPAIN REE M79: Eur: 2010-2200 on 11840 9505, and from 2110 on 7275, all from 100 kW Arganda on 30° azimuth. C&NAm 0005-0155 & 0515-0615 on 11880 9630, both 350 kW Noblejas on 290° beam (REE DX Section 3/79) This 290° beam is centered thru Wilmington, Charleston, Savannah, Tallahassee, Mexico City, so the 0515 should not be considered to WNA: (gh)

SRI LANKA SLBC to ME/Eaf includes EG 1800-1810 on 11870 15120, 1845-1915 on those plus 15115 17850. Reports to Jimmy Darucha, Dir., EG Services, SLBC, Box 574, Colombo (Oliver T. Goonawardena, Sri Lanka, via R. Australia Japanese "DX Time" 25/2)

SWEDEN R. Sweden keeps switching back and forth between 9690 and 9695 at 2300-2330 to NAm. Last part of D78 was on 9690 after season started on 9695. M79 started on 9695, but on 16/3 it was back to 9690. Same date to EAs 1230-1300, 15130 replaced by 15240, and EG at 2100-2130 to ME moved to 11905 //11845 to Af (gh, from STA, Underdown, SGDX 21/3) Last 9/3 (Hynes)

SWITZERLAND Two Bobs 10/3 quoted PTT liaison that SRI on SSB would be expanded in May to include WNA and 12% carrier would be added. They still want reports and people to practice tuning in SSB (Tom Blossom, Austinburg OH; gh) Also SSB will be extended to full duration of all three NAm xmsns (1315-1515, 0145-0415, 0430-0630). Definitive freqs not yet known, but may use either 15135 or 15170 at 0145. As for AM, at 0145-0215 6135 11715 15305, and either 9660 or 9725. At 0430-0500 9725 and either 11715 or 15305. At 1315-1345 either 21570 or 21630. The SAm beam at 1815-1845 should return to 21585, which served ENAm well last summer (PTT, gh)

TAIWAN VOPG: 0100-0200 NAm/kUs 17890 15425 15345 11825. 0300-0350 NAm/kUs 17890 15345 11825. 2130-2230 Af/ME/Eu 17720 15225 11860 9765 9600. 2140-2240 NAm/kUs 17890 11825 9685 (BEC MS 1/79)

UKOGBANI At last BBC is registered for the 11m band for J79: 25650 at 0900-1615 from Daven-try, two 50 kW xmters to Af & ME (THFBS via Larry Magne) M79 to NAm: 1730-S 1600 (Sat/Sun 1500)-1745, 17830-W 2000-2115, 15420 2115-2430. 15260-A 2000-0230. 15215 1100-1330. 15070 2000-0230. 11955 0445-0915. 11910 2300-0430. 11775-W 1100-1330. 11775-S 1600 (Sat/Sun 1500)-1745. 11750 2000-2430. 11750-K 0030-0330. 9590-S 2300-2430. 9580-A 2300-0330. 9510 2115-0330. 9510-W 0445-0915. 9510-S 1100-1330. 6195-W 0900-0915, 1100-1330. 6175-W 2000-0730. 6120-S 2300-0430. 5975 2245-0730. 7325 2300-0330. A-Ascension, K-Greenville, S-Sackville, W-Antigua. Also check 9410 in evenings, 21710 in mornings, often better (gh)

UKRAINE Since 4/3 R. Kiev at 2000-2030 to Eu on 9640 7400 6020 (BBC MS 8/3) On new 17910 (Oscar Hansson, R. Viking DX World, via Mar DSWGI SWN) This is 3 x 5970, now disused (gh)

URUGUAY SODRE IS ebek includes EG nx at 2245-2300 on 9515, alternating with mx and 8P nx until 0400\*, using 11885 after 0100; 6100 is inactive (Carlos Maslaton, visiting Uruguay, Jan ADXGI Boletin DX) Implying EG is repeated later, but I can't figure out when (gh)

U.S.A. (Of Mar LN-1) Here is a presumably more accurate AFRTS sked as announced by them on "Program Notes" at 1835-1845: Eu: 0100-0700 6030, 1100-1400 15430, 1400-1600 15425, 1800-0100 11790. SEu/NAF 1100-1600 15330, 1600-0700 15430. Pac/FE 0400-0700 17765, 0430-0700 15330, 1100-1600 9700, 1100-1800 11805, 1800-0430 21570, 1600-2200 17765, 2200-0400 25620. Garib/Antarctica 0100-0700 9685, 1000-1100 6030, 1100-0100 15330 (via Chris Kynes, Erie PA.)

VIETNAM VOV ES anc'd that from 5/3 it would broadcast two daily hours in Special English for SEAs & India at 0200 & 0700. 6/3 obs showed the slow EG lasted 40 min each, on 10010, 9840, 7512 (BBC MS 8/3) Same vocabulary as VOA?!! (gh)

OTHER SCHEDULES AFGHANISTAN R. non-EG ES: 1300-1400 Urdu SA: 4775. 1630-1700 AR ME 11890. 1700-1730 RS Eu 11890, 1730-1830 Dari/Pushtu Eu 15140 from 1745; 11890. 1830-1900 GM Eu 15140 11890 (BBC MS 2/79)

ARMENIAN SSR R. Yerevan noted in Am to SA: 2200 on new 15320 (Bob Padule, RA DX 18/3)

BELGIUM RTEF, La Voix de l'Amitié for 1/4 thru 30/9/79; Mon-Sat 0500-0705 17765 15210, 1000-1230 21460 15210, 1400-1545 21460 5965, 1600-1700 21460 15210, 1700-2100 17730 15210. Sun 0500-0545 17765 15210, 0600-1545 21460 15210, 1600-1730 21460 15210, 1730-2030 17730 15210 (Paul Renard, Mar L'Onde) FR xmsns only (gh)

CHINA Survey of R. Peking ES in RS during first week of Mar, shows 1830-1925 reversed tape xmsn discontinued, but still at 0900 & 0900. Full sked, \*SSB; some SW channels vary up to 10 kHz to avoid QRM; bracketed numbers show number of non-synchronised but identical broadcasts during time period. Xmr sites grouped between semicolons.

0000 (2)	1522; 9350 7800	1200 (1)	1522	7030 6540 6280 5520
0100 (2)	1522; 9365	1300 (4)	1522; 7140 4815;	1522; 9900 9390
0200 (2)	1522; 9365		6560 5145; 11675	1900 (4) 7140 4815; 1522;
0300 (5)	*17490 12450 11455	1400 (1)	1522	9390; 9550 7780 7315
	8425 8260 6995; 15045	1500 (6)	1118 620; 1522; 7140	7030
	11600; 11730 11675;		4815; 6560 6540 5145;	2000 (3) 7140 4815; 4500 1522
	9365; 15250		9900 9390 7700 7425;	1 9550 7315
0400 (4)	15443 15070; 11675;		7810 7030	2100 (3) 1118; 1522; 7140
	15045 11600; 15250	1600 (6)	1118 620; 7140 4815;	4815
	11445		6540 6430 1522; 1458;	2130 (3) 9880 9390; 9425 7035
0900 (1)	8260 5220		9900 9390 7700 7425;	6540; 9380 9345
1000 (5)	1118; 1522; 7425 7320		7810 7030	2200-2225 (2) 1522; 7140 4815
	6560 5140; 12005	1700 (6)	1118 620; 7140 4815;	2230-2325 (2) 9880; 9425 6540
	11640 9390; 7140 6490		6540 6430 1522; 1458;	2300 (2) 1522; 7140 4815
1100 (5)	1118; 1522; 12005		9905 9390 7700 7425;	55-min xmsns u.c.s.
	11640 9390; 7425 7320		7810 7030	
	6560; 7140 6490	1800 (3)	7140 4815; 9550 7810	(BBC MS 3/79)

DENMARK Besides unprecedented move to 17 MHz reported last month, R Denmark has made some time/target changes compared to WRTVH 79, so full sked is: 0900-0955 SAs/Perse/Gulf 15165; 1100-1150 Greenland/Pac relay of DG 15165, 1200-1255 FE/Au 17735, 1300-1355 NAm 15165, 1400-1455 EA/EMed 15165, 1500-1555 NAm (Greenland) 15165, 1600-1655 WAF/WMed 15165, 1730-1800 Greenland/Pac relay of DG 15165, 1830-1925 Med/AF 17735, 1930-2025 SA 17735; all in Danish (R. Denmark, via BBC MS 3/79) except for the odd EG ID or comment (gh)

FRANCE RFI replaced 25620 with 25500, hrd 1500-1545 with Coopération Radiophonique (Joe Tai-groedl, NV, 6/3) Also noted 5/3 1330-1400\*: easy to compare BS: vs. AF pr the w/REL 25790 (gh)

INDONESIA RRI Mataram gives this sked on 3223, 2492.5; 2125-0100, 0600-1530 (Toshiaki Take-hara & Satoshi Wakisaka, Indonesian DX Review 25/2) RRI Labon gives this sked: 2100-0015 on 4845 3241; 0330-0615 7140; 0800-1400 7140 4845 3241 (Takehara, IDLR 25/2)

IRAC R. Baghdad ES in Persian 0730-1030 & 1600-1900 and in Urdu 1300-1400 now obs on 11825 ex-11725. 3242 confirmed only at 1600-1900 Persian (BBC MS 22/2)

ISRAEL IBA heard 9/3 at 1616-1639\* on 29704 USI in Russian; frequent small carrier shifts up & down, SIO 152; also noted other days; doesn't seem like harmonic; why on UE7? (Jay Novello, Endwell NY) 29705 is sked daily 1430-1640; Sat/Sun 0535-0600 & 1000-1030. Use of this frequency is in conformity with ITU regs; and it's the first time IBA Russian has been unjammed since 1972. Usage of 25605 has been extended to 1400-1640, and 26095 is to be added to 25640 and 29705 (Larry Magie, PA.) A clever ploy to become audible on Soviet 10-m hax rigs--29700 is the upper boundary of that band--and to use a fq so high jammers may not be designed to reach (gh) The 29705 1400-1645 span includes Yiddish 1400, Russian 1430, Georgian 1440, Russian 1450, Persian 1515, Yiddish 1530, Russian 1600 (BBC MS 15/3) 1430-1530 different (MS 22/3)

Hebrew Home Services Reshet Bet on SW (NAm underlined); 0400-0610 11635 21480, 0400-1200 1585 17630, 0610-1200 25605, 0610-1620 11635, 1200-1400 1585 25605, 1200-2000 17630, 1800-2000 11635, 2000-2315 17640 17630 1585 11635 (IBA)

KOREA SOUTH KRS is source of 6240 kHz xmsn obs since mid-Jan, 1600-1930 anc'd as test for captariots in ME, requests from them reports (BBC MS 15/2)

LEBANON Moved to 17715 from 17710 at 0030-0100\* (Andrew Blumberg, NY, 15/3)

LIBYA SPLAJC sked 15300 1100-1700, 11700 1100-1500 & 1700-2200, 9660 1700-2200, 9650 1100-1700, 7200 1530-2200; but recently signing on as early as 0800 (BBC MS 15/3)

**MALTA** IBRA Radio via R. Mediterran, 2015-2115 in various langs is on 6035 Mon/Wed/Thu/Fri/Sat; 6115 on Tue; 6015 on Sun (undated sked via Charley Hoffman) Interesting pattern seemingly to try for clearest fq in differing Euro lang target areas from day to day (gh) All on 9530 (conflicting undated IBRA sked, via Dan Prisco) On these skeds, a blank is left for frequencies to be written-in, allowing for frequent and sudden changes (gh) 9530 ex-6035 (RV)

**MEXICO** R. Universidad sked on 9600 is 1300-2200 (Noël Aguilar Castillo, Espacio DX-1sta 24/3)

**MONGOLIA** RUB DS obs \*2200 on new 4890 //5053 4995 4850. Recent Unen newspaper listing shows Std Chinese simulcast in RUB DS and ES is now Mon & Fri 0820- ex-Mon & Thu 0730-; last reported on 11855 7262 5053 4995 4850 4790 227 209 (BEC MS 22/2) Altho BECMS has also reported the opening of new regional radio stations, no attempt apparently has been made to match up the new frequencies with the new stations (gh)

**PORTUGAL** LN-13

**SA'UDI ARABIA** Sked just received shows these changes for M79 compared to WRTVH 79: 6080 at 1500-2300. 7110 2130-2300. 11685 1800-2100 (Koran). 11905 ex-11855 1500-1550. 15060 0500-2300. 15220 ex-15175 1500-1800 (Koran). 15230 ex-15335 1200-1250. Add 17760 0500-1000. ES from Jeddah Persian 1500-1550 11905 ex-11855; Turkish 1200-1250 15230 ex-15335 (S. David Klein, FL 26/2) BSKSA DS from Riyadh on 295/296 degree beam: 21590 1000-1500. 17760 0500-1000. 15060 0500-2300. 6080 1500-2300 (BEC MS 15/3)

**SINGAPORE** BEC Kranji tested 17715 11/2, 12/2, 13/2, 0050-0200 Indian verns and WS, to see if replacing 11955 worthwhile. As long as Veritas is on 17710 I will try to keep BEC off 17715. (Victor Goonettilleke, ADXN) Effective 4/3, BEC to SAs 0030-0200 will be on 17715, in Bengali Hindi Urdu Hindi (R. Australia Club Forum 24/2 via George F. Holmes, CO)

**SWITZERLAND** Red Cross Broadcasting Service sked 23/4 and 25/4 on 7210, 150-kW non-directional at 0600-0700, 1130-1230, 1700-1800 (Swiss PTT)

**TAIWAN** VOFC in SP to SAM 2300-2350 on 17800 17720 15225 11860 9765 9600 (BECMS 1/79) VOFC to China in Std. Chinese 2045-1000, 1045-1900; 11905 at 2045-0100, 0345-1000, 1600-1900, 9690 & 8790 same times. 8745 2045-0700. 7250 2045-0700, 1045-1900. 7150 2045-0100, 0345-1000, 1045-1900. 6940 2045-0700, 1045-1900. 6565 2045-0700. 6087 1600-1900. 6040 2045-07 & 1045-1900. 3335 2045-0700, 1600-1900. 3230 2045-0100, 0345-1000, 1045-1900; also on Hk. In other langs: 1000-1130 Mongolian 11905. 1045-1600 Amoy 6087; Cantonese 6960 8790; Hakka 3335. 1140-1310 Tibetan 11905. 1330-1500 Uighur 11905 (BEC MS 1/79)

2/79)

**TUNISIA** RTT National net from Sfax 15225 11970 7225 (alt 7275) in AR ops 0430-2330 (BEC MS/

**URUGUAY** Make these changes to the WRTVH 79, info gathered from a 10-day visit to Uruguay:  
 6000 CXA2 2 kW Radiomundo 1500-2400 9620 CXA6 (ex 9515) 2 kW SODRE 1100-0300 //CX6/CX26  
 6045 CXA61 R. Libertad Sport \*0900 11735 CXA7 R. Oriental; inactive  
 6075 CXA3 R. Continente 1200-1600 and 11835 CXA19 R. El Espectador 0900-0300  
 2200-2400 11885 CXA10 SODRE; no longer exists as home service  
 6125 CXA4 10 kW SODRE; inactive 15230 CXA64 (not 15225) La Voz de Melo, official fq  
 6140 CXA20 R. Monte Carlo; inactive 15275 CXA14 1 kW SODRE 1100-0300 //CX26  
 6155 CXA13 R. Garve 1030-0200 (Carlos Maslatón, Jan. ADXCI Boletín DX)

**U S A** Believe Ye Not the schedules on KGEI's dun mailers (in PST, of course)--3/79 one shows 15280 switching to 9615 at 7:00PM (GMT 0300) but KGEI is on 15280, still going after Brazil 0300\* (gh)

**U S S R** RID time station obs 0017-0031 22/2 on 15004 USB; format somewhat different from Dec LN-4, viz: 0017-0018 RTTY-type noise. 0018-0019 unmodulated carrier. 0019-0020 Morse code ID "RID" repeated several times. 0020-0030 time pipe for seconds and long tone for each minute; double pips at 1st, 2nd, 3rd, 4th, 21st and 22nd second of each minute. Pips ceased at 54th second of 0029; at 0030 resumed RTTY-type noise. Does this format vary with time of day or do they just make frequent changes; RKM-14996 not heard. Is RID allowed to be counted as a new stn under NASWA rules since there are no voice anmts? (Larry Cunningham, Columbus OH) No, but you are certainly under no obligation to follow NASWA rules for your own purposes (gh)

On the Mayak program, usually Tues at 1620-1627 there is a cutaway to a local IS and newscast from a constituent republic, e.g. Moldavia, Baku, Yerevan. Not certain whether on all Mayak freqs; could be only via xmtrs in that republic, in which case Kishinov could be considered to have some kind of external service on SW (Andrew Coleman, Feb WDXG Contact, RIB)

**VIETNAM** VOV ES obs in 3rd Feb week show further daily 30-min Std Chinese xmsn, 1630-1700 on 10010 7470, increasing weekly lang output to 52h30m per week (BEC MS 1/3) VOV ES in Cantonese 1530-1600, Std. Chinese 1600-1630 obs on 6435 in addn to 11750 10010 7470 (BEC MS 15/3)

**Zaire** (Cf Feb LN-7) LVZ hrd on 9767, Swahili 1900-2000 (Kouji Uenohara, Japan, SCDX 13/2)

**MISCELÁNEA RADIAL** **AFGHANISTAN** R. hrd in brief opening 22/2 on 4775 fair at 0130-0145 w/Koran reading. Fade out till 0205 when back w/ME sitar mx, female ancr; lost to R. Bolívar splash 0215 (Charley Hoffman, Manheim Pa.)

**ANDORRA** The plan of installing a new 10 kW SW xmtr and a new aerial for R. Scandinavia has been postponed until further ("PK", R. Viking DX World 6/2 via WDXG Feb mid-mother) The 25/2 broadcast was hrd with reasonable strength in Scandinavia, but owner Roy Sandgren informs us this was the first and the final xmsn as reception was too noisy in Scandinavia (Paul Foged, DSWCI Mar SW News) Because only 20 reports received, and no advertisers (RVDXW 13/3)

**ARGENTINA** LT17, R. Provincia de Misiones, since 12/78 is on SW 6160 //620. It is not known whether Malargue is still using this fq (Tony Jones, Jan ADXCI Boletín DX) The station is in Posadas, operates 24h (Vicente Bombardiere, Argentina, SGDX 6/3) R Colón, San Juan, hrd via PTP feeder on approx 4555 16/1 at 0208-0220, hockey; also other days for program feeds, on AM and QRK3 (Sergio Raúl Moscardini, Córdoba, Argentina, Jan ADXCI DX Boletín)

**AUSTRALIA** RA announced 1113 13/3 that because of Cyclone Hazel all xmsns from Carnarvon had been shut down, apparently until it would be safe for staff again. Previous week 9580 Shepparton was shut down indefinitely for rebuilding xmtx and antenna array (Tom Blossom, OH) Cf LN-1 (gh) Occasionally recently, RA's 0100-0300 on 21740 has suffered from intermittent noise originating at the Shepparton xmtx; sounds like a loose wire or cable blowing in the wind and occasionally coming in contact with the transmitting aerial (Richard N. Allen, Billings OK, 18/3) Two new Shepparton 100 kW xmtxs (7 & 8) began regular operation 27/1 with VLA & VLB pgms; after some tech troubles the first week, used most days on VLB and VLG pgms. Xmtx 6 (50 kW) sometimes used as daytime replacement on 9580 15180 17725 while one of new 100 kW units undergoes maintenance and xmtx 3 (100 kW) is now taking VLA pgm most days. Speech clip ping used by new units only during news (Robert Jones, Sydney NSW, Mar ADXN)

R. Australia is now offering, on a limited basis, RA T-shirts. You have to name 3 RA announcers on the back of an envelope, addressed to "Midway" (the name of the 0200 pgm on 21740) plus the usual RA addr. A T-shirt or book can be won (Andrew Blumberg, NY, 6/3)

**BRAZIL** I've been hearing a Braz with fast-paced live soccer commentary almost daily 2300 past 0200, varying around 15325-15370; no definite ID, but think it's R. Gazeta, São Paulo. A lot of talk of Bahia, tho (Jos Tangredi, Las Vegas NV, 21/2) R. Tupl now back on 15370 after several years; not known whether move from 15155 or old xmtx reactivated; best in Europe 2100-2200\* (Oscar Hansson, R. Viking DX World 6/2 via WDXC Mid-Monther) R. Bandeirantes hrd on 9647 0920 5/2 (Robert Yeo, Merimbula NSW, ADXN)

Some call-sign changes: 3205 ZYE79 R. Ribeirão Preto. 3235 ZYE87 R. Clube de Marília. 3250 ZYV315 R. Dif. de Uberlândia (fq anc'd tho WRTH78 list 3255). 3335 ZYB641 R. Alvorada de Londrina. 4795 R. Dif. de Aquidauana ZYX980. 4875 ZYD680 R. Jornal do Brasil, Rio. 4905 ZYD475 R. Relógio Federal, Rio. 4925 ZYB664 R. Dif. de Taubaté. 4985 ZYX690 R. Brasil Central. 5035 ZYB853 R. Aparecida. 6045 ZYB725 R. Cl. Paranaense. 6165 R. Cultura de São Paulo ZYB959. 6185 ZYB956 R. Bandeirantes, S.P. 9505 ZYB951 R. Récord, S.P. 9635 ZYB954, R. Aparecida. 9645 ZYB957 R. Bandeirantes, S.P. 9675 ZYB890 R. Diário da Manhã. 9695 ZYA245 R. Riomar. 9745 R. Cultura S.P. ZYB960. 11735 ZYW441 R. Cl. de Goiânia. 11815 R. Brasil Central de Goiânia ZYW840. 11925 ZYB958 R. Bandeirantes. 11935 ZYB726 R. Cl. Paranaense. 17815 ZYB961 R. Cultura de São Paulo. R. Brasil Central apparently no longer uses 9755 as it is not announced (Emilio Pedro Povrzenic, Argentina, Nov-Dec 78 Aconagua DX Club)

Besides call changes, there were some other major changes at the end of last year. The "Globo-Excelsior de São Paulo" network was formed, carrying Globo on Excelsior fqs 9585 6125. Also, R. Récord is broadcasting instead of R. Panamericana (S.P.) announcing as ZYB951 on 9505, ZYB952 on 11965 and ZYB953 on 15135. R. Record also has raised power from 7.5 to 50 kW. R. Mauá do Rio is on 5055 instead of R. Guanabara/Quitandinha do Rio, sometimes as "R. Nova Mauá". R. Ribeirão Preto signs on at 0730 (Emilio Pedro Povrzenic, Argentina, MARPLA DX Club "DX-Citing" Mar-Apr 79)

**CAMBODIA** VOKP on 9753 matches fq used by Liberated Saigon Radio, and before that R. Vietnam "C" net of foreign languages, but 7350 is identical to no fq previously used in South Vietnam Still on 9753 4/2. In late Feb hrd on 9693 at \*2300 and \*1100 with closing usually extended some 15 min past nominal 2400\* and 1300\* Neither 4907 nor 6088 traced at the moment. Now IDs exclusively as "Thiní Phnom Penh, Vithayu Somleng Procheachon Kampuchea" (Isao Ugusa, Japan, New Far Eastern DX Review 2/3)

**CANADA** If you notice some programming and personnel changes on CBC or RCI 1/4, that's the date the budget cut goes into effect with a new fiscal year. However, any diminution in Ian McFarland's presence is only due to a vacation (gh)

During the 26/2 eclipses, CFRX-6070 in till nearly 1730. Announcer Bill Deagon was happy to know I could hear the stn that far away during daylight and mentioned it on the air (Jim Conrad, IA)

BBC acquired a new relay station for Africa--Sackville, noted on 15260 & 17820 25/3 1800-1803 with BBC instead of RCI programming until switching error corrected (gh)

**COLOMBIA** La Voz del Centro hrd 18/3 2018 on 30475, 5 x 6095 (Richard N. Allen, OK) 30474(gh)

**COSTA RICA** R. Casino \*0930 19/3 announcing fq as 5954, a move from 5960, but was on 5955 as after VOA came on, no appreciable het (Jack Jones, MS) There goes our RCI het, tnx! (gh)

**CUBA** RHC in SP 0300 past 0500 on 12055, distorted SIO 343, suspect xmtx problem (Jay Novello NY 20/3) RHC probably the one at 2016\* on 30680, 2 x 15340 (Richard N. Allen, OK, 18/3) Summer time of GMT -4 hours was resumed at 0500 18/3, in force until 14/10, per Havana radio (BBC MS 15/3) What's "Havana radio"?? There are lots of SW, MW and ut stns there! (gh)

**CYPRUS** R. Bayrak hrd with a very strong signal varying between 6205 and 6210, causing a variety of hets with Libya-6206; no longer up higher in the 6200s (Larry Magne, Israel, Feb)

**CHILE** From mid-Dec to 10/1 apx there were special mx-and-propaganda BCs w/out IDs, \*2300 to 1100\*, sometimes 1000\* or 0900\*; perfect on 9630 11715 15115 17800 all variable (Roberto H. Iglesias, et. al., Jan ADXCI Boletín DX)

DOMINICAN REPUBLIC Some news obtained during a week's visit the third week of March--(see also FUTURE PLANS)--La Voz del Paragayo has been off the air several years, because it was refused permission to operate on MW, and couldn't make it on SW only. It operated out of a Puerto Rican club. I was told the name came from a freighter ship, tho the dictionary says the name means either a parrot, or a red fish full of venomous prickles. La Romana's other SW stn is also off the air because it's doing OK on MW and the SW was an unnecessary expense. In Puerto Plata, La Voz de la Libertad MW is off freq to about 1244, and produced strong harmonics (locally) on 4976 and 6219, so the latter when occasionally heard, is certainly a 5th harmonic rather than a variant of 6190, which is off the air. In Santiago, R. Exitos has colorful new AM & FM studios and the manager isn't interested in bothering with SW anymore. R. Norte there appears to be active on SW only certain hours--nighttime. In Santo Domingo, La Voz de las Fuerzas Armadas is temporarily off SW because tubes had to be borrowed for a new AM station elsewhere in the country. Due to frequent power failures during a drought causing hydroelectric shortage (a blackout occurred during my visit), stn is looking into installing its own generator within the military compound it inhabits. I was told that as a military activity it can obtain equipment more easily than government or commercial stations. LVFA seems to be enthusiastic about reception reports, and prefers taped reports. R. Comercial's 800-watt SW xtr gave out, but a new 5 kW unit is on order and should be on in April. RTVD's 5967 and 9505 xtrs are at different sites, one reason, perhaps, why they are not always on the air at the same time. R. Mil receives lots of reception reports, mostly in English, so they've had to get someone who speaks English to answer them. The only D.R. station I saw with a real newsroom and people working in it. Tnx to Teo Veras for transport!

I also had the great pleasure of meeting Rudy Espinal just before his departure for a new 2-year-contract advertising job in Caracas. He was quite pleased and proud to have been invited to the 1979 ANARC Convention and is looking forward to attending. This received quite a bit of coverage in the local press, and really lifted Rudy's spirits after several difficult months following the Clarín cutback. But he's been busy in an advertising business, and as MC of Dominican culture shows at a resort hotel, and carries a pocket pager. One of his regrets is that following numerous delays in getting QSL cards designed and printed, it was not possible to answer all the thousands of reception reports before Clarín's international service came to an end. He really got a charge out of "This is Santo Domingo" and hopes to resume it one day on some station, even if it has to be called "This is Caracas". Rudy is also the president of the Círculo de Locutores Dominicanos; it strives to upgrade the quality of radio announcing in the country, and ... receives public attention on April 18, "Día de Locutores" More about this in the April REVIEW OF INTERNATIONAL BROADCASTING (gh)

ECUADOR (Cf Mar LN-14) Contrary to the SCDX report, R Quito is still hrd on 4920; however, they may have been using 4875 irregularly, tentatively noted here in Jan (CNS Telegram 26/2)

EQUATORIAL GUINEA Bata is using 11715 kHz (R. Sofia DX 24/3) Oh yeah? I think they were just picking stuff out of an ITU list without checking for activity (gh)

FALKLAND ISLANDS FIBS is using a new xtr from the airport for evening broadcasts, accounting for enhanced strength (Jan Tunér, DX Juice Box 9/3)

FINLAND R. Finland program-makers may be on strike as from Tue 27/3. If so, R. Finland will be off the air (R. Finland "Air Mail" 24/3). What's all this fuss about Finnish International Radio? We haven't changed our name, but still announce as "Radio Finland" because it's shorter and clearer. But we use "FIR" in some of our publications because most foreigners find Yleisradio unpronounceable. FIR refers only to the Yleisradio section that produces external broadcasts. And we didn't like being abbreviated "RF". (Patrick Humphreys, FIR)

FRANCE RFI's Paris Calling Africa has changed and limited format for the duration of a strike by some personnel, according to 12/3 broadcast (Tom Blossom, OH) If you have accurate frequency readout, TF-1 audio on 41230 kHz can only come from a 2500 W stn at Bastia, CORSICA while there are three more powerful stations on nominal 41250 at Troyes, Limoges, Caen (Roger Bunney, England, Mar VHF-UHF Digest)

GERMANY EAST RFI DX Club is sponsoring an award to mark the XXX anniversary of the GDR next year. Four QSLs can be put together to make up a colorful map of the GDR. They require four correct reports with at least 20 mins programme details (Cec Taylor, Mar WDXG Contact)

GERMANY WEST DW feeder noted in German 0300 on approx 6600 LSB //6085 AM (Jim Conrad, IA)

GRENADA 21/3 at 0100 on 15105 I.tuned in the voice of Herbert W. Armstrong. I thought at first WINB had changed from 15145. But the sermon abruptly ended and I heard "This is Radio Free Grenada--The Voice of Revolution" followed by speeches from people of the new government --lasted well past 0300 (Arthur S. Getzel, NY) RFG heard 14/3 with cricket commentary, interrupted by RFG ID at 2045 (Syd Osterman, Toronto, Ont.) In New York, ex-Prime Minister Sir Eric Gairy told AP 13/3 that he had not been overthrown and the uprising was limited to the takeover of the radio station by 'a small group of communists'. The rebel broadcasts, spiced with West Indian reggae and calypso songs, assured tourists, mostly North Americans, that they would be safe and were welcome to stay (AP via Jackson Clarion-Ledger 14/3 via Jack Jones) A rebel broadcast called Gairy a 'criminal dictator' and said the US would be asked to extradite him. Maurice Bishop, who led the coup, set up HQ in the studios of Radio Grenada and dubbed the station "Radio Free Grenada" (AP 14/3 via Jones) more, LN-13 (twice)

GUYANA The last private station here, R. Demerara, has been bought by the government, so ra-

dio here has become a state monopoly. R. Demerara belonged to a British company which will be indemnified by the payment of US\$40,000 over 13 years, and the nullification of \$104,000 in back taxes (from La Presse, 8/1, via Daniel Shields, L'Onde)

HONDURAS LN-13

HAWAII I'm hearing 4VEH at 1715 past 1930 on 11835 Sundays only (Andrew Blumberg, NY, 6/3)

INDIA All AIR stns issue full-data QSL cards or letters. Reports should be sent to: The Station Director (or Engineer-in-Charge) c/o the name of the station and name of the State. Or, to Mr. O. P. Khushu, Dir. Frequency Assignments, AIR, Parliament St, New Delhi 110001. Or contact Mr. J. C. Bhargava, Asst. Engineer at the above Dept. They will forward reports to the respective stations (Alok Das Gupta, Calcutta, Mar ADXN)

INDONESIA RRI Padang, 4002 (listed) on 3/2 at 1310 (Bill Whitacre, MI, WDXC MM) This one is getting to be a pain in the \*\*\*\* (sic) as it has been identified (sic) as about a dozen different stations by various people in the US. Noted here on measured 4002.68 on 20/11 with POSITIVE ID at s/off as RRI Tanjungkarang. Or is there more than one RRI here?? (Gordon Darling, WDXC Feb Mid-Monther) RKPd Kota Madya Surabaya (R Gelora Surabaya) runs 500 W with an open dipole on crystal controlled 3164.77 kHz with three 813s in the final; another slogan is "R. Gelora 10 Nopember (Takehara, IDXR) Unlisted in WRTH 79 is RKPd Tkt II Pasuruan, 600 W on T system antenna on 3462 kHz, two 813s in the final. Programs are 40% entertainment, 50% education and 10% other. Address is Jalan Hayamwuruk 14, Pasuruan, Kabupaten Pasuruan, Jawa Timur (Satoshi Wakasaka, Japan, IDXR)

more IRAN LN-13

IRAN At 1415 11/2 the VOI DS in Persian began to announce "This is Tehran, the genuine voice of the Iranian nation; the voice of revolution". Annts also said former striking employees of NIRT were back at work. At 0110 12/2 VOI called on remaining members still on strike to return to work, and appealed to 'revolutionary strugglers' in Ark Square, Tehran, not to destroy the radio archives held there. At 0405 members of the PARS news agency staff congratulated NIRT's employees on their return to work and said its news service to NIRTO was being restored. At 0413 the radio announced that from that moment the voice of the revolution of the Iranian people would be broadcast by local Radio Tehran and the all-Iranian network. At 0430 mention was made of congratulatory messages to the Iranian people from various organizations including "Radio of the Patriots". At 1100 the radio announced the establishment of a board appointed by the PM's office at the R&TV centre to regulate its programs (BBC MS 15/2)

Voice of the Iranian Islamic Revolution announced 13/3 that the Radio & TV Organization wished to inform the Iranian nation that, until the purge of all radio and television centres was completed, they had been instructed to refrain as far as possible from producing local programs. They were to relay instead pgs of the Voice and Profile of the Iranian Islamic Revolution (BBC MS 15/3; ed note: from Tehran) R. Australia news 13/3 reported that the head of NIRT was one of five executed by a firing squad for supporting the shah (Tom Blossom, OH)

A new interval sig noted on the Farsi broadcast at 2100 (Mark Fulwell, Mar WDXC Contact)

KENYA VOK 4934 has nx at 0400 seemingly a mixture of perhaps Swahili and some EG, to 0414 // 4915, 11/3. WRTH says home service (Syd Osterman, Ont.)

KOREA, SOUTH KBS hrd in German 0850 on 15570, not in WRTH (Emilio Pedro Povrzenic, CDXAC) ?

KUWAIT (almost 90% sure) AR at 1130 past 1400 1/2, and some more days. Xmr fault? Not there on 21260 any more but was excellent (Victor Goonettilleke, Sri Lanka, Sri Lanka, ADXN)

LESOTHO (Cf Mar LN-14) Has been heard on 4800 at 2000 (Jan Tunér, DX Juke Box 9/3) After several months of inactivity, undoubtedly xmr problems, two parallel fqs can be heard, 4740a with strong signal, extremely bad modulation; 4800 with very weak signal, good modulation (Vaclav Korinek, Mar DSWCI SW News) Best ever, xmr improved? 4800 4/3 1848-1917 (NZDXR)

LIBERIA A series of stamps honouring SIM station ELWA for its 25 years of service will be made on 18/1/79, anniversary of first broadcast in 1954. One reason for this new issue is the popularity of stamps issued in 1974 for ELWA's 20th anniversary. ELWA offers to send a postcard showing the ELWA grounds, and one of the stamps upon request to them at Box 192, Monrovia (Africa Now via Wesley Rogers, WDXC Contact March)

VQA Monrovia on 15920, xmr 21 with 40 kW at 2100 on 18/2 with FR on LSB, RS on USB, direct 400 to Munich relay (Robert Jones, ADXN) So Munich emits a double relay? (gh)

MALDIVES R. Maldives hrd 16/1 on 4740 at 1500, SIO 343 with EG nx, bit of drum mx, ID as "R. Maldives", fadeout in mid-word after about 3 minutes. ID was taped. May be due to living north of a large electromagnetic anomaly which gives some very weird propagational effects; digital CRF-320 rx and 8-band dipole (Charles Connell, Ft. Bragg CA, ASWLC) One of the top, if not the top DX log of this season in NAM. Congratulations! (Derek Lowe, ASWLC Ed.)

MEXICO Spanish noted at 1350 5/3, lost to Moscow co-channel 1400, on 6020. At this hour I don't see how it could be anything but Mexico, Veracruz reactivated (gh, OK) La "U" de Veracruz hrd on 6020 after Peru mysteriously disappeared at 1130. Per WRTH, 250 watts, irr.; excellent with classical guitar; ID with harp signature tune at 1230 (Ralph Martinez, IL, 10/3) 10/3 \*1130, very surprising, ID as XEU 930, XEUW 6020, anthem, pop mx, ads (S. David Klein, FL) 18/3 first hrd, 19/3 \*1130 s/on not mentioning SW; seems more than 250 watts (Jack Jones, MS) Cf Feb LN-13 re 6115 claud. XEUDS does sometimes play American rock, as 11/3 0152-0223\*, non stop with no annts between songs, except full ID at 0206 and before s/off. Excellent reception; usually quality mx but not always. Caution (Ron Howard, Santa Barbara)

MOROCCO Rabat really jumped out at me on 4/3 at 1605 ID on 15335//15360 Doesn't quite check with Mar LN-3 sked (Jay Novello, Endwell NY)

MOZAMBIQUE RNM hrd from \*0250 on 11810 to 0300 with multi-lingual annts in PT, FR, EG, 0300 PT mx, 0310 Afro and pop mx (Rainer Herrmann, Sachsenheim GFR, SCXD 20/2) R. Mozambique ch k. from Maputo now on 6005 ex-6115 (Richard Ginbey, RSA, SCXD 20/2) "A" uses 6000 ex-6115, and 4855 occasionally, but always 4855 for Voice of Zimbabwe. Most RM freqs still drifting all over the dial (DSWC Mar SW News)

NETHERLANDS ANTILLES Ever wonder how RN-Bonaire gets such good quality out of a submarine cable feed from Hilversum (which is in regular use rather than satellite) compared to BBC's crummy audio cable fed out of Sackville? RN actually uses 2 separate lines on the Columbus Cable, one carrying audio frequencies of 50-3050 Hz, the other of 2500-5500 Hz but altered to 400-3400 Hz along the cable, split at Hilversum, converted and reaired at Bonaire for broadband audio (DX Juke Box 9/3) Bonaire is one of few places in the world virtually free of lightning, so the antennas need and have no lightning protection. Not so Madagascar: (DX Juke Box 23/3) Bonaire missing from both freqs 0300 25/3 (gh)

NICARAGUA R. Eco, Managua hrd 4/3 at 2355 on 18029, 3 x 6009.67, religious show giving Managua addr; ID at 2356 mentioning 6010 and 102.7 FM. SIO 352; listed 100 watts on fundamental (Jay Novello, Endwell NY) Very nice catch; no sign when I checked except 2155-2230 Mayak on 18030, so watch out for that (gh) more, LN-13

NIGERIA VON hrd 10/3 and 14/3 testing sporadically on 15185 at 0600, unannounced and much stronger than //15120/11770 (Ralf Gunnar, Denver CO) VON tests 0835-1030 obs 27/2 on 15185 and 15120. Mx, annts in FR 0835-0910, AR 0910-0933, EG 0933-1030. FR & EG beamed to Eu/Med while Ar to Eu/ME. 28/2 15120 again tested similarly, while 15185 & 7275 broadcast a vernacular-lang svc, the Int'l Svc of the VON to Waf (BEC MS 1/3) VON reported 8/3 a decree formally establishing the Federal Radio Corporation of Nigeria (FRCN), effective 1/4/78 (sic), Corp. is exclusively responsible for external BC on SW and the more powerful domestic MW stns in Nigeria, plus provision of an independent and impartial radio broadcasting service for general reception in the country (BEC MS 15/3)

PAKISTAN Looking for Finland 18/3 1445, R. Pakistan Urdu here with very good signal, fascinating mx, 1500 good ID and nx; Bethany OC covered 1547 (Jay Novello, Endwell NY) 21485;

PERU In case you're wondering where the name "Tawantinsuyo" for 6175 came from, its city, Cusco is at the four-corners intersection of the old Inca empire, or Tawantinsuyo, "Land of Four Parts". They were: 1) Guntisuyo, the land of the Guntis (Quechua) people. 2) Kollasuyo, the "altiplano" or high country of Argentina, Chile and Bolivia, the home of the Kollas (Aymaras.) 3) Chinchaysuyo, the warm coastal region from Lima as far north as Quito. 4) Antisuyo (for which the Andes mountains are named) the steamy transandean jungle region, home of the Antis people (Gedric Marshall, DX Ontario)

PHILIPPINES From early Feb 79, VOA finally changed its recorded site annts at the start and end of xanss. For the last few years, the PHL was the only VOA relay still using the old recording IDing the relay country. So all VOA relays now ID as "VOA, Washington, DC". Tinang 250 kW has mx tests 2100-2155 on 11760 15395 17820, 0700-0755 on 11930 11965 15345 15410 15425 17740, the only VOA relay with regular mx tests. Satellite feed was restored in mid-Jan 79 for most langs, and from mid-Feb for EG. Some preshipped tapes used (Chinese 1015-1030, 2315-2400) (Robert Jones, ADXN March)

PORTUGAL RDP broadcast 19/2 an account of a press conference by its Administrative Committee on the economic and financial state of RDP. It is in debt to the tune of 1,600 million escudos and by year-end, 2,500 million deficit is expected, but true situation can only be assessed when complete 1977-78 figures are known. At this stage RDP does not have the resources to pay Feb staff salaries. RDP has a staff of about 2,500, of whom 53 are on short-term contracts. The org. employs three orchestras and is the majority shareholder in a recording company. RDP also runs a farm on land occupied by the Porto Alto mxtr and a fishing company in the Algarve. All are loss-making concerns. Its only sources of revenue are ads and license fees, which are a veritable drop in the ocean. Ad rates are out of date, having been fixed in 1976 but licence fees are greater problem since they are collected by Portugal's 212 regional electric companies, great majority of which do not collect the fees and some even refuse to do so. Restructuring of RDP, currently underway, is bound to show an excess of personnel, and it is planned to dispose of all RDP concerns not directly related to BC. The Committee intends to ask the Secretariat of State for Culture for help in running its three orchestras and to approach the Ministry of Foreign Affairs with a view to securing financial help for its international SW pgms (BEC MS 22/2) Council of Ministers approved a resolution declaring RDP in a "difficult economic situation" with all the legal consequences that implies (BEC MS 8/3) RDP hrd on 23800 31/3 at 1625, fado; not on fund. 11800 (gh, Dom. Rep.)

ROMANIA Sun only to seaman 0822-0912\* 4/2, believed to be first use ever of 13mb by Bucharest but mixed with USSR co-channel (Bob Padula, ADXN) 21490:

RWANDA DW Kigali hrd on 24640, 4 x 6160 at 1941 18/3; slight QRM (Richard N. Allen, OK)

SAUDI ARABIA on USB 1576 around 1530-1700 //15060/21505 some days (Noel Green, WRC 20/2)

SOUTH AFRICA Springbok Radio on SW to be dropped after midnight 31/3 (4810 and 15285). As

of 1/4 the "R. South Africa" all-night service at 2200-0300 moves to Radio Five's channel of 3990 (R. NSA DX Corner 25/3) If this trend keeps up, we may have nothing but Radio NSA to listen to on SW from South Africa.... (gh)

SWAZILAND "Radio SR" hrd on 4980 around 0401 after Ecos del Torbes sign-off; in EG with good sig, pop ax and ads à la Springbok, except uses Black announcers (Syd Osterman Ont., 12/3) Also here at 2215-2300\* rather than usual Ghana GBC2; seemed to mention 1400 kHz in s/off anat. Just cuts carrier with no ax at 2300; Ghana still on 4915 at this time with good sig (Syd Osterman, 18/3)

TANZANIA RT Zanzibar obs during the evening of 6/3 on 3339 (BEC MS 8/3)

UGANDA Due to Idi's increasing difficulties, UBC Nam svc checked each nite, and was off the air 16/3 thru 25/3 but resumed at 0300 26/3 on 15325 (Dave Walcutt, TX) Hrd on 15250 Sun at 1850 in FR, under VOA carrier (Andrew Blumberg, Brooklyn NY, 6/3)

UKOGBANI BBC Russian Service has come under more virulent attack by Pravda and other media. American sources suggest that five to six million Soviet citizens listen to the BBC daily, and three times that number hear it at least once a week. Letters protesting proposed External Services cutbacks came from all parts of the world in the hundreds, the largest number coming from Japan (WDXG Contact) BEC WS feeders noted at 2100 & 0800 on 12180 USB, at 1800 on 19460 USB; and BEC French at 1800 on 19460 LSB (Jim Conrad, IA) VOA Woolferton hrd on 24160, 4 x 6040, at 1950 18/3 (Richard N. Allen, OK) Here are some TV audio offset frequencies likely to be more accurate than in my March PE article: (gh) \*only xtr on frequency

41466.25 Llanddona (Wales) (1500 W ERP)	41534.000 Granton (Scotland) (100)
41480.00 Redruth (Cornwall) (2500) *	48230.000 Rosemarkie (5000)
41500.00 Crystal Palace (London) (50 kW)	North Hessary Tor (3750)
Divis (N. Ireland) (8500 W)	48250.000 Holme Moss (25000)
Thrumair (Scotland) (1750)	48270.000 Londonderry (N. Ireland) (375)
41516.875 Ashkirk (Scotland) (4500)	48281.500 Swingate (375) * (Roger Bunney, UK)
Llandrindod (Wales) (350)	48297.000 Oxford (162.5) * & Pat Dyer, VUD Mar)

URUGUAY Having visited Uruguayan radio stations in 1974, I found that things had generally deteriorated this year. I could get pennants from only two stations, and stickers from only four. Only two Montevideo stations have printed QSL cards--SODRE and R. Imparcial, but they only send them out irregularly. Last time it was no problem to find out stations' powers, but now they seem to be 'state secrets', and each station believes it is actually operating on its exact assigned frequency. And I was able to confirm with absolute certainty that all the Uruguayan stations heard on the 60 meter band for the past 4-5 years and which appear in the WRTM are not broadcasts, but PTP links, used mostly during sports broadcasts. For instance, R. Durazno said they use shortwave because they still don't have VHF equipment. R. Sarandí even announces that 4990 is a link frequency (Carlos Maslatón, Argentina, ADXGI)

U S A R. Liberty cancelled Uighur-language broadcasts last month. The station's Uighur-language editors and broadcasters, based in Munich, West Germany, accuse RL of striking a 'decisive blow' against their compatriots in central Asian regions of the USSR and China by 'depriving them of the opportunity to obtain free information'. The émigré employees believe the cancellation is connected with US recognition of China. But a spokesman for EIB said the timing was 'entirely fortuitous', that RL was not authorized to broadcast to China in the first place, and that the relatively small number of Uighur-speakers in the USSR could be reached in Uzbek or Russian more economically; and that the Uighur broadcasts had amounted to 10 minutes a day (Theodore Shabad, NY Times, 9/3, via Malcolm Kaufman)

Now that AFRIS has moved from 21650 to 21570, RTTY is heard on 21650, I suspect Dixon 50 kW to LAm, at 2130 (Robert Jones, March Australian DX News) Some VOA feeder frequencies noted, rounded to nearest 10 kHz:

6630 L 0300 EG	7770 U 0300 EG Af	10230 L 0300 EG	10870 U 0800 EG	// 10455 L
6690 L 0730 AR	// 10455 L 10870 U	10380 U 2000 RS	19260 U 1800 PT	19510 L 1800 XX
6870 U 0300 RS	10230 U 2000 RS	10380 L 2000 XX	19510 U 1700 XX	19725 AM 1800 RS
6870 L 0730 AR	10230 L 2000 XX	10870 U 0300 EG	// 7770 U 10455 L (Conrad, IA, 26/2)	

WYFR heard on 2710, 2 x 11855, at 2101 GMT 18/3 (Richard N. Allen, nr Billings OK) Grand Canyon Village AZ TIS (travellers' information service) hrd on 1610 kHz, weak but readable, not bad for 10 watts at 300 miles. Tape began 31/1 0450 "Welcome to Grand Canyon Village..." mentions of facilities available, how to drive around to the North Rim, scenic points (William J. Harms, UT, IRGA DX Monitor) Presumably a TIS station was hrd 18/2 at 0500 with continuous Indian documentary with female announcer, on 1610. Skywave certainly seems to be in excess of what the FCG originally had in mind (Bill Coleman, Jr., NC, Mar SWNS) "HAR", Highway Advisory Radio, hrd on 1610, 5/3 1038, continuous tape repeating every minute or so from Wash. Dept. of Transportation with news of flooded roads. Seattle newspapers reported 3/3 that two stations at North Bend and Cle Elum are now on the air with road condition reports for Snoqualmie Pass area, but not sure if they're parallel (Bruce Portzer, IRCA)

U S S R R. Moscow anc'd 5/3 to its GB&I listeners a newly opened mailbox in London--Soviet TV and Radio, P.O. Box 105, London W2 3DX (BEC MS 8/3) 25/2 1550 I heard Moscow on 10 meters 29155, usual ID at 1559 not mentioning this new freq; had heard hams mentioning it on 75m net (Don Coco, Rochester NH) Very likely 3rd harmonic of 9720 on 29160, which I have also hrd on 2nd and 4th multiples. Mayak noted on maritime band, 22210 7/3 1430, still 1530 plus, SIO 242 (gh, OK) R. Moscow ID in unID lang 1330 9/3 on 30750, only harmonic on band then (gh)

R. Kiev 14/3 at 0225 on 10120 USB, 0330 Mayak, SIO 353. Thought Moscow said they didn't EC id SSB? (Jay Novello, NY) RM either is ignorant or lies; it is hard to tell which (gh) Yakutsk, presumed on 4800 around 1300 in Chinese, and then at 1227 (sic) Russian anthem, making the usually-reported China here seem unlikely (Syd Oeterman, Ont., 12/3)

VATICAN Since Tue 23/1 VR is back on 6210 ex-6221 (Oscar Hansson, RVDXW via WDXC MM, 6/2)

VENEZUELA R. Continente, Caracas stated 13/2 that it requires an explanation for the resolution appearing in the Official Gazette on 12/2, revoking its use of 5030 and 590 kHz as well as two STL frequencies. R. Continente declared, however, that it would remain on the air despite the government decisions (BEC MS 22/2) YVPL R. Nueva Esparta is again active on 2340 (R. Pérez M., Nov-Dec CDXAG) My La Voz de la Fé item Mar LN-6 ECUALDOR should have been under VENEZUELA (Charley Hoffman, PA)

VIETNAM A survey of regional stations shows (in order of most recent freq, then others)  
 6884 Bac Thai 6882 5604 Hoang Lien Son 5592 5594 4762 Gia Lai-Gong Tum  
 6331 Son La 4881 Thanh Hoa 4692 Quang Ninh  
 6280 Nghe Tinh 4820 Ha Tuyen 4647 Ha Bac (not in WRTH)  
 5927 Lai Chau (WRTH 5932) 4770 Son La 4248 Vinh Phu (4284-typos?)  
 The station on 5604 v continues to relay VOV ES in Std. Chinese at 0900-1000 (BECMS Feb-Mar) Vinh Phu is a new stn. In Vietnamese, Cong Tum is spelled Kon Tum. Hoang Lien Son had the provincial capital occupied by Chinese forces 17/2, but the stn was still hrd until 26/2. Other stations not in the list have not been hrd here either: Cao Lang 6262, Hue 4680v, Son Be 4559 (Isaac Ugusa, New Far Eastern DX Review 2/3) Add 6920 Cao Bang (BEC MS 22/3)

ZAMBIA RZ reported 9/2 that MPs recognized the need to allocate more funds to Minfo & EC, but one member said 5,123,000 kwacha was not enough (BEC MS 15/2) RZ reported that the ZBS Dir. Gen. said in Kitwe 23/2 a scheme to iron out problems haunting ZBS was being worked out. He praised ZBS staff for excellent service despite immense operational difficulties such as poor equipment and staff shortage (BECMS 1/3) Per 28/2 'Electronics Weekly', due to xmtx failure, ZBS ES has been off air since first Jan week. Since other DS xmtxs are also out of action, ZBS has had to use a standby xmtx and combine its General and Home DS (BECMS 8/3) 'Times of Zambia' reported 9/2 that the failed SW xmtx had been built by Chinese experts in 1973. TOZ said in an editorial that the possible demise of R. Zambia was a national disgrace, and that the real reason was a lack of enthusiasm and imagination. For years, pgms had been repetitious, infantile gibberish. Nothing more should be put into TV which only reaches a privileged minority while villagers could not even hear their national radio (BECMS 15/3)

FUTURE PLANS BANGLADESH Under a scheme for the improvement and modernization of its radio net, seven regional stns are to be set up by RB, per AIR 14/2 (BEC MS 15/2)

BRAZIL R. Clube do Pará, Belém, 4865, one of the oldest Brazilian stns, will soon increase power from 2 to 5 kW. Telefunken xmtx; delta aerial to be changed to four dipoles. Per Edyr Proença, Pres. of the stn (Silvio Ünzer, Brasil, March CNDX)

BULGARIA This year for the first time--like USSR--summertime will be introduced 1/8-30/9 and every year on (Karel Honzík, Mar DSWCI SW News)

CANADA (Cf Mar LN-8) Although our CFRX SW outlet is no longer needed to serve remote Canadian areas and is an antiquated xmtx, and we have only a friendly interest to our listeners in the US, we have decided to renew our license and let CFRX limp along with normal repairs and servicing until the poor old xmtx gives up the ghost. Hopefully, that will be several years from now at least (Donald W. Insley, VP & GM, CFRB Toronto, 23/2 letter to Andy Robins, MI, who had protested the proposed closing of CFRX, via March R.I.B.)

CZECHOSLOVAKIA Summertime will be introduced here 1/8 to 30/9/79 (Karel Honzík, DSWCI SWN) R. Prague reported 9/2 that Summer Time would be from 1/4 to 29/9 inclusive, GMT plus 2 (BEC)

DOMINICAN REPUBLIC RTVD's international service has been delayed by studio construction, but it is hoped to get underway in April. It is headed by Teo Veras, a successful local broadcaster at R. Universal and HILK-FM, who together with José Rhadamés Cabrera, a DXer and med student in charge of RTVD's international correspondence, were my hosts during a March visit to Santo Domingo (see also LN-7). New studios and offices have been built on the 4th floor of the RTVD building, but some electronics remains to be installed. A staff has been gathered, including Rufo Ayala, an Argentine gentleman formerly with the VOA, who has already written a number of programs ready to be produced; and Victoria ---, English-speaking secretary. The IS will be at 2300-0200 GMT nightly, mostly in Spanish at first, but with some English newscasts and segments in DX program, on 9505 kHz. Veras hopes to get the antenna modified from omni to favor North America. Recent reception reports are being held for the arrival from the printer of a new QSL card in the near future (gh)

ECUADOR It is expected that during the J79 and S79 seasons testing will take place with a 500 kW unit (Roger Stubbe, HCJB, M79 sked)

GERMANY WEST DPA reported 19/2 that the DLF staff, formerly scattered in various parts of Cologne, had moved into a new broadcasting house with 5800 m<sup>2</sup> of office space and 8600 m<sup>2</sup> for technical facilities. DW staff are also due to move into an adjoining building 10/1980. Both organizations will jointly run certain facilities, such as data processing, power (BECMS 1/3)

GHANA GBC Ghana QSL recently included this note: "For technical reasons, regular external service transmissions on all frequencies, except 6130 kHz, have been suspended until further notice". (David L. Labossière, Enfield CT, 1/3) Confirming long-standing situation (gh)

INDIA AIR reported 24/2 that the govt was considering including in its WARC submissions the AIR proposal to use the LW band for broadcasting in India. CE said one longwave fq could cover the whole of India giving a better and clearer service. AIR research had established that LW was entirely feasible in tropical countries, and per its CE, AIR had created an awareness of the possibilities of LWBG among the Asian & African broadcasters (BEC MS 1/3)

ISRAEL IBA reported 7/2 that the Govt had undertaken to resolve the problem of radio transmissions to Jews living abroad within the next five weeks. A commitment to this effect was given to the Knesset immigration committee by the Education Minister. He said a solution would be found either within the framework of the present broadcasting authority or thru some other means. Commencement of the broadcasts had been held up for five years because of a dispute with IBA's sound engineers over the question of night work conditions (BEC MS 15/2) This refers to the proposal to have English and other language transmissions during the NAm 'prime time' between 2300-0500 GMT, now silent (gh) It is planned to add Hebrew news at 1300 GMT on ES xatrs carrying the 1200-1300 EG & FR programs (Larry Magne, PA)

MALTA At the conference of the signatories of the Helsinki agreements on security cooperation in Europe--an east/west group--to discuss the strategic future of the Mediterranean, "Malta will propose the creation of a Mediterranean radio station of the Mediterranean Institute of an international school" (SRI Dateline 13/2 via Tom Blossom, OH) NEW HEBRIDES/PNG LN13

UKOGBANI R. Voice of Islam is brainchild of Mohammed Ikbal Zachariah, a wealthy Arab businessman in London, who made a fortune selling Islamic records and cassettes. The station is to be privately financed without government involvement. It will have news with 'a fair amount of impartiality' and would present Islam in a positive way in a number of languages including English. "London may be the transmission base" (BEC Report on Religion 7/2 via Joe Tangredi, NV, March REVIEW OF INTERNATIONAL BROADCASTING)

USA/USSR/GERMANY WEST/SPAIN/PORTUGAL A dispute between the Russians and RFE/RL, concerning the 1980 Moscow olympics, has resulted in a delay in the procedure to accredit RFE/RL, so that they may cover the games. The Russians have failed to respond to three USOC cables regarding the dispute, because American electronic accreditation has not yet opened, and it is presumed the USSR has not decided how to handle the RFE/RL requests (from Kenneth Reich, LA Times 23/2, via Terry Concannon, Whittier CA)

DX PROGRAMS ARGENTINA LR3 R. Belgrano will broadcast on SW 6090 and 11780 a DX program to be prepared by Mario J. Safier and Nicolás Eramo on behalf of the Aconagua DX Club of Mendoza, to be aired within the "QSL" pgn GMT Mons 0000-0100. Those desiring a QSL must address their reports to the 'Servicio QSL' of the station. Foreign expressing interest in the new service will receive souvenirs of Argentina and Belgrano (Nicolás Eramo, ADXGI Jan) Here is the schedule of LUSCBA for March-Oct 1979, Fridays on 3625 kHz at 0100-0300, repeated Saturdays an hour earlier: 0055 IS, 0100 ID, 0105 Boletín semanal del CBA, 0125 IS, ID, QTR local y GMT, 0130 Actividades CBA, 0140 Respondiendo al oyente, 0155 Reporte tiempo, tandas, etc. 0200 "Nuevo Tiempo en Radioafición", 0215 "CQ DX-istas" produced by MARPLA DX Club, 0230 Corresponsales CBA, 0245 Conociendo Nuestra Argentina, 0255 Fin Nuevo Tiempo, ID, 0300 sign off. This 'ham broadcasting station' has a staff of at least 7 licensed hams: LU1ABT, LU6BBM, LU8AFK, LU5AMH, LU2AHZ, LU9AIR, LU3AIV (MARPLA)

BELGIUM RTBF "DX-ORU" program by Paul Renard (in French) is sked Fri 1830-1900, Sun 1200-1230; freqs on LN-4 (via Guy Marcotte, March L'Onde)

BULGARIA (Cf Feb LN-10) The repetition of R. Sofia's pgn should read GMT Sun/Mon (gh)

CLANDESTINE (Cf Mar LN-13) R. Viking DX World was to return to the air as from Sun 4/3, in the Oscar Hanson Show at 0945 and weekly, on this 48mb pirate (RVDXW 13/2 via WDXC MM)

CANADA During April my deadline is one day earlier than usual for RGI DX news--Wednesday eve or Thu morn at latest for possible inclusion the following Sunday. If necessary, hot tips may be phoned prepaid between 0800 & 2330 ET to me at (615) 522-4497 or weekdays at WUOT, (615) 974-5375. I am certain to be there at 1300-1530 ET (gh)

DOMINICAN REPUBLIC Once RTVD's international service is activated there will be a weekly DX program in SP & EG, probably called "Caribe DX" GMT Thu 0030-0130 on 9505 and/or 5967. Among the contributors are to be a Spanish-speaking Finnish DXer, Simo S. Soininen; Ronald F. Schatz, Miami, on MW topics; and gh has been invited to contribute EG & SP talks alternating weekly. The material will be largely different from that contributed to other DX pgns (gh)

(Cf Jan LN-14) "Rincón DX-ista" is a 10-minute pgn on R. Antillas, 1120 kHz, Sundays during the "El hombre y la ciencia" program produced by Perlandro Delgado Vargas. It's not about ham radio, but about SW & MW DX, in terms designed to catch the attention of new enthusiasts (José Rhadamés Cabrera, Sto. Domingo) I heard a tape of this pgn at the Sto. Domingo DX Club HQ at Juan Patricio Salas' place, and it was quite well done. Also, Radio y Técnica is a Dominican ham-radio oriented magazine in which the SDDXC has a column (gh)

ECUADOR The sked for my Canadian reports on Jeff White's "Que Pasa" segment on DXPL has been changed--March, June, Sept, Dec (Lynn Campbell, Mississauga Ont., March CANDX "On the Air")

Our Unsaved Audience: We get many letters from unsaved listeners. The Japanese programs bring responses from large numbers of unsaved young people. This is also true of our English programs for DXers (Kazuo & Hisako Ozaki/Clayton & Helen Howard, Feb-Apr HJJB Radio Log)

JAPAN R. Japon will have a SP DX pgm in 1979 per anmt 30/12 (E.P. Povrzenic, MARPLA)

KOREA SOUTH Due to listener requests, R. Corea will begin a DX pgm in SP (KBS via RN Espacio DX-ista 24/3) A real DX pgm, not just a mailbag (REE DX 19/2 via Holmes, CO)

NEW ZEALAND RNZ SW are seeking 2-minute 'tape letters' from listeners overseas for inclusion in my Mailbox pgm (3rd Sun at 1015 on 6105). Object is to get some unusual items on listeners' cities, towns, hobbies, occupations, and distinctive local sounds (Tony King, Mar RIB)

SOUTH AFRICA R. RSA has two different FR "Coin DX" pgms--edition 1 Suns 0500; 0700, 1200, 1800, 2000; 2, Thu 0500, 0700, 1200, Fri 1800, 2000 (Pierre Dostie, L'Onde Mar)

TURKEY VOT DX Corner can now be hrd Thu very soon after \*2130, 11955 best (Harry L. Hartsell Lompoc CA) Sked 2135 Mon/Thu/Sat; also at 1210 same days (gh)

UKRAINE R. Kiev's DX pgm is now on GMT Thu at 0045-0055 (Donald Ross, NJ, RIB) And 0315 (gh)

U S A Am seriously considering starting an SWBC DX info net--a good way to disseminate fast breaking DX info. Help of other NASWA hams solicited (Al Mayer, WD9IRV, Box 321, Park Forest IL 60466)

## LAST MINUTE ITEMS

BANGLADESH RB M79 EG 0445-0515 on 21685 17890 15400; 1230-1300 now in Urdu 15340 11925 (via BBC MS 22/3)

GUENADA R. Free Grenada has apparently activated a second more powerful xtr and expanded its NAM svc with a cagey choice of new freqs to avoid QRM: 15045 at 1945-2245, 15370 at 2315 -0100, 15105 at 0115-0230. 15105 was also announced in // when elsewhere, but impossible to tell with QRM. 15370 was last used in 1961, per WRTH (when it was WIBS), and 15045 is 3 x 5015. It might pay to check other old WIBS freqs; noted 26-27/3 (gh) more below

HONDURAS Per Panamanian news agency ACAN, jesuit-owned R. Progreso was closed for ten days from 13/3 by the military govt as a 'warning to the stn to change its attitude'. The sanction was imposed because the stn allegedly engaged in political activities in its newscasts; 4920 (BBC MS 22/3)

IRAN The news editor of NIRT was executed last week, and 75 employees of NIRT were fired for supporting the Shah during the revolution (VOA news via Steve Webster, CMS Telegram 19/3)

NEW HEBRIDES Australia has given NH A\$1.2 million to upgrade the MW and HF BC service, including studio facilities and transmission equipment (Bruce Williams, March NZ DX Times)

NICARAGUA Due to anticipated oil shortage, DST of GMT -5h was decreed in effect from 24/3 to 23/6, to fully exploit daylight hours, per R. Atlantico 16/3 (BBC MS 22/3)

PAKISTAN Since 21/3, R. Pakistan slow EG to Eu 1100-1115 on 21655 ex-21625, //17665 (BBC MS)

PAPUA NEW GUINEA R. West Sepik, Vanimo, is due to start regular BCs next Sept or Oct. The 3205 is tentatively allocated, final choice not yet made (John Campbell, R. Viking DXW 13/3)

PORTUGAL RDP's spl pgm for workers abroad is now xtd by RARET, a.k.a. the RFE/RL site, in PT on 15125 Mon-Fri 1100-1300, Sat 0815-1745, 250 kW (Thomas Drescher, R. Viking DXW 13/3)

GUENADA (more) At 0230\* this full sked was given: to Jamaica/Canada/US 1200-1430 15045, 2315 -0100 15370, 0115-0230 15105. To Eu/UK 1945-2110 15105, 2115-2245 15370 /this should be 15045--not much chance on 15370 at this hour with megawatts of Liberty & jamming/. Also to Carib early morning and midday on 9550 (gh) Not on 15045 27/3 1330 but Peking was (gh)

ISRAEL had all-night celebration xmsns 26/3 and 27/3 on usual SW freqs. Special holiday pgms are expected during regular EG xmsns at 2000, 2230, 1200 on 23-24/4 for Martyrs & Heroes Remembrance Day; 30/4-5/1 Remembrance Day for Israel's Fallen Soldiers; 1-2/5 Independence Day

MEXICO Since 5/3 R. Mexico has a new pgm of domestic & int'l nx, "Teletipo" daily 0050-0105, exc. Suns; and on Sats also at 2310-2325 (BBC MS 15/3)

## CLANDESTINE CRANNY

R. Sandino Per R. Hogar, Panamá, 6/2, R. Sandino BCs morn & eve on 41m, and keeps moving to avoid detection (BBC MS 15/2) Obs 5/3 and 6/3 on 7588 at 2330-0030 and 0500-0600, anti-Somoza, including instruction in use of M-1 rifle and the preparation of Molotov cocktails (BBC MS 8/3) Heard 14/3 on 7587, surprisingly strong signal, 0006 sub-ID as "Voz de la Liberación de Nicaragua" and playing a march already heard too often on RHC; anti-yanqui commentary, ran to 0053\* after non-descript anthem (gh) In a 16/3 BC, R. Sandino said that from April power would be increased 12 times to improve reception, and span would be extended to 2100-0500 (BBC MS 22/3)

R. Abdala in its Jan 79 newspaper, accuses Castroites of having burned down the station, causing great damage. In the course of the story it admits that xmsns originated in the US. A comeback is promised, and contributions are invited to Agrupación Abdala, G.P.O. Box 1883, New York, NY 10001. ¡El Futuro Será Nuestro! (via Gervasio Luis García, Río Piedras PR)

La Voz de Cuba pgm is sked on these stns: R. Cenit, Ecuador 3350/4772 1830 M/T/W. R. San Miguel, Bolivia 3355v Thu 1030. R. Iris, Ecuador 3380 Sun 0900. R. El Mundo, Ecuador 4750,

Wed 1430. R. Abaroa, Bolivia 4762v Sat 1130. Centinela del Sur 4890v Sun 1300. Ecos del Atrato, Colombia 5020 Mon 0200. R. Splendit, Ecuador 5025 Sun 1300. R. Nacional, Nicaragua 5950 Sun 1700: Voz de los Centauros 5962 Sat 1530. R. Swan, Honduras 6000v 2100; 2400; 0600 or 1800. R. Universidad Concepción 6130 M/W/F 2200-2300. R. Minería, Chile 9750 Sat 1830. REC Rhodesia daily exc Sun 1900-2000. Irregular on VOFC; R. Quillabamba, Peru; R. Santa Rosa, Peru; RTV Dominicana; R. Clarín; Emisoras Atalaya & Emisoras Gran Colombia, Ecuador (John Campbell, Mar DSWCI SWN) I assume John made sure all these times are GMT (gh)

R. Andacollo is a clan in northern Neuquén province, Argentina, broadcasting from the municipal building with donations from neighbors. It also blocks transmissions of the powerful Chilean R. Agricultura. With small means it serves an effective patriotic purpose (clipping in ADXCI Boletín DX) So probably on MW 570 kHz (gh)

R. Magallanes to Chile via Moscow, retimed twice recently from 0930 to 1030 (when on 17880, 17855, 17840, 17790, 15455, 15170, 12070) to 1130-1200 (BEC MS 8/3 and 15/3)

V. of Kurdistan (Arabic: "Huma Sawt al-Kurdistan") hrd 1445-1500\* 15/3 in AR on 5990 (BECMS)

R. of the Patriots Persian-lang via Libya 1615-1645 last hrd 20/2; since then all channels previously used have carried Libyan domestic pgms (BEC MS1/3)

Voice of Palestine, Voice of the Palestine Revolution is on 1120 kHz at 0500-0700, 1100-1300, 1600-1800 (BEC MS 8/3 & 15/3) PLO pgm hrd hrd with overwhelmingly strong signal but with loud hum on 9963; evidence points to a new relay from Iraq. Surprised this hasn't been reported elsewhere; watch out for Peking and Yemen cland also in Arabic nearby (L. Magne, Israel, Feb)

Democratic National Front Radio of the Yemen Arab Republic (Arabic: Idha'at al-Jabha al-Wataniyah ad-Dimuqratiyah fi al-Jumhuriyah al-'Arabiyah al-Yamaniyah) first obs 5/3 on 6005, to 1600\* announcing return next day at 1500, hostile to present Sana'a govt (BEC MS 8/3) An Arabic newspaper in London reported from Beirut 22/2 that the Fatah Movement has established a stn in the PDR of Yemen to start operating 1/3 (BEC MS 1/3)

R. Freedom from South Yemen obs 25/2 with increased eve xmsn by 30 min to 1630-2000 on 9955 and 5345, Arabic also at 1130-1430 (BEC MS 1/3)

V. of the Liberation Fronts of West Somalia and Abo via R. Mogadishu on 9585 is in Oromo (Galla) at 0900-0930 & 2000-2030; Somali 0930-1000 & 1930-2000; Arabic 2030-2100 (BEC MS 3/79)

R. Kulmis, Voice of the Front for the Redemption of Somalia, via V. of Revolutionary Ethiopia xmtrs, first noted 8/2 on 9590 1900-2000 with inaugural broadcast, claimed to be mobile; called for holy war against regime of the "anti-Islam gangsters" of Siyad Barre (BEC MS 15/2) As of 21/2 retimed to 1800-1900 and said was also on 41m (BEC MS 22/2) 9595 and 7235 (BECMS 1/3) 14/3 claimed it was being jammed by Somali govt and said would vary plus/minus 5 kHz (BEC MS 22/3) Operated by Le Front de Salut Somalien; announcer is Mustafa Haaji Nuur, former R. Mogadishu announcer (Le Monde, via Bernard Chenal, France, SCDX 6/3)

Revolutionary Voice of Zimbabwe was ann'd by VORE to be retimed as of 21/2 to 1900 instead of 1800, on 9615 (BEC MS 22/2) Coinciding with retiming of R. Kulmis, above (gh)

A Voz de Africa Livre via Rhodesia 1020 kHz 1630-1730 is now claimed by "Resistência Nacional Moçambicana". Its nominal hero is the assassinated first president of FRELIMO, Eduardo Mondlane, whose social aims it accuses the govt of having discarded (John Campbell, DSWCI SWN)

United Nations Anti-Apartheid Program On 10/2 FRON Nigeria tests on 15120 included "UN Radio from Lagos" 0840-0855 in EG, 0855-0906 in Afrikaans. In a Cairo meeting 5/2 African liberation movement heads called for more broadcasts to SA, and from closer sites. Possibilities of cooperation between UN and Egypt were also discussed (BEC MS 12/2)

Voice of the Malayan Revolution per anmt from 1/3 the 2200-2245 in Malay will switch from 31 to 19m. That is from 9620 to 15790. This probably applies to other xmsns too (BEC MS 1/3)

Voice of Democratic Kampuchea via R. Peking facilities, has some peculiarities in format; opening always accompanied by theme mx w/ID & sked anmt in the 2300, 0400, 1500 xmsns, but without ID or sked anmt in the 1200. The 0400 & 1200 close w/out any mx; 1500 closes with an instrumental version of National Anthem; 2300 choral NA. In the 1200 xmsn IDs are given in the course of the pgn (Isao Ugusa, NFDX 2/3)

Eight-One (std. Chinese: Ba Yi) On 10/3 V. of Vietnam DS claimed it had monitored a stn in China of this name at 1300 the day before in the 19m band. In this ncast and in EG to SEAs, VOV stated that the stn operated by the Chinese PLA was broadcasting material opposed to China's actions regarding Vietnam. Despite a thorough search, the existence of Radio "8-1" --which means 1 August, the symbol of the PLA--has not been confirmed (BEC MS 15/3)

R. Voice of the Revolutionary Party for Reunification was hrd 15/2 on 4109 kHz at 1404 in EG twice concluding ID with location as "Seoul, South Korea". The first reference, to my knowledge, of its QTH as Seoul. Were we wrong in assuming it was in N. Korea? (George J. Poppin, San Francisco CA) Not necessarily! (gh)

Congo-Brazzaville and Zambia broadcasts of various liberation programmes for southern Africa now seem to have stopped (Vaclav Kofinek, RSA, Mar DSWCI SW News)

R. Liberation, 7425, appears to be somewhere in the SE USA in contrast to the Minnesota hot-bed. "Guy Wire" indicates they may try some broadcasts to LAm; latest 'sked' seems to be GMT Sun only from 0200 opening with variable speed music box "Oh, What a Beautiful Morning". Offering pennants first for a financial contribution; then for those sending in a taped reception report via S. David Klein, 1225 S.W. 1 Ave., Apt. 401, Gainesville FL 32601 (gh)

Voice of the Voyageur is apparently off for good, since the FCC is now taking actions to revoke Mike Martin's General Ham and Radiotelephone operator's licenses (Steven Shaffer, IN, 18/3) Martin is also allegedly under prosecution for 'blue-boxing' the phone co (GMS Telegram)

Voice of Venus Scott called me 2/3 and tried a test on 6990, not audible. Pls call again (Dave Twiggs, Bristol CT) Sun 4/3 on 21510 USB 2125-2147\*; wants to use 21 MHz more often (Gerry Bishop, PA) a.k.a. "Voice of the Northern Prairie", hrd 15/2 0230 on 7465 USB, 19/2 with tape of Hindenburg disaster, very good on 7460 USB; 25/2 0245 on 21510 SSB to west coast w/S2 but readable signal. "Fred Charles" of the FCC called in early March, waking me up at midnight. Said they had just caught VOV and wanted to know what I had to do with them. It seems my name was in their log book. In an ominous voice he added "They'll never broadcast again". (Fred Schumacher, Kindred ND) That sounds like a phoney call, not from the FCC; and I've had a report that VOV was heard again on 21/3. An address is via Darren Leno, 309 Valley Ave., Morehead MN 56560 (gh)

"KDHF" or its phonetic equivalent finally an ID caught from the pirate on 6420a, 8/3 0702\* after a long string of various types of mx. He has been heard sporadically here with good signals. So. Cal. DXers seem to think he is there judging from strength (Bill Harms, UT) "KVHF" hrd on 6420 GMT Sat 17/3 0410 "From coast to coast this is KVHF" and "When the hits come out in the evening, this is KVHF". Hrd twice before with no ID, both times on a weekend --and at 0541\* no anmt (Rick Novak, Walnut Creek CA) See also MEXICO, LN-8 April

"KDOR" 830, Los Angeles. I've had an unconfirmed report that this has been busted--and that it was a pirate like all the rest, despite claims of legitimacy (gh)

"WJAM" hrd on apr 28/20 in ham band, pop mx, hard rock. Many anmts, power as 100 mw but sounded like much more; several Sats around 2300-0100; possibly in northern CT (D. Twiggs, CT)

"WEXC" (cf Mar LN-10) is in Rockaway, Queens, near JFK airport, 40 W, operated by a husband and wife team, Chris Christy and Kevin Scott (Harry Helms, Dallas TX)

"WNGI" (cf Mar LN-10) is not active; only operated briefly for tests; but there is a pirate active on Staten Island, WISI on 108.5 FM (Harry Helms, Dallas TX)

"WUFO" Rumors are rampant that a new pirate is planned for 9485 kHz (Harry Helms, Dallas TX)

NYC pirates were off the air in early March due to a NY Times article saying authorities were patrolling the city on weekends with DF gear in an attempt to locate unlicensed broadcasters. Sources within the NYC pirate scene promise the various stations will return as soon as the heat dies down a bit (Harry Helms, Dallas TX)

"WBLQ" on 18/2 at 0945 on about 1640 kHz, heard this, weak but readable. Fellow was English, played space mx, talked about ham radio, but every other word he was saying was "----" (Don Cocco, Rochester NH) The word is the call letters, backward, of a former projected Kansas City UHF TV station which Ed Shaw would take great exception to printing despite his naviness (gh)

"WCEN", manned by Colonia High School graduates in their mid-20s, in Woodbridge NJ, has gone off the air after nine years of operation. The FCC never busted them, but the 1000-watt hand built transmitter has been sold and is en route to licensed use in Haiti. There goes the 'evidence'. The station's enthusiastic audience will be missing "Wolfman Bruce", Rick (the mastermind), Lou and Bobby (from a much longer article in the Woodbridge News-Tribune, 6/12/78, via Allen L. Nissen, NRC DX News)

3850-3900 kHz activity has been increasing--about 5 pirates heard in the last month. Most recently, rock mx around 0030 on 3865 GMT 19/2; no announcer hrd; sounded like coming from someplace in the Midwest (Roy Peterkofsky, Rockville MD)

R. Free Ontario Canada has never had many pirates despite the fact that the local authorities don't worry too much when one appears. "It cost us too much to run them in", per one official. Now, Tim Smith in Toronto has been hearing RFO on several fgs between 23290 and 23590, 5 watts, probably a modified CB rig, irregularly 2300-2345. Mostly mx with few anmts; they also give out a loop phone number (GMS Telegram 19/3)

Mi Amigo (cf Mar LN-9) did not sink. After it was abandoned, crew returned the next day, got the pumps working again and got most of the water out; it had been up to the turntables in the studio, but not in the xatr room. So they hope to get back on the air (DSWCI, RVDXM)

R. Condor International (cf Mar LN-9) testing to ENAm on 11463 4/2, 11/2, 18/2, seems every Sunday 1430-1700. QRA is 53, Charleston Rd, Dublin 6. 80 watts; IDs as "Irish Broadcasting Corporation" (Mike Barraclough, England, WDXC Mid-Monther) Also Sundays at 1000-1400 on 11463, and hrd around 2000 on 6240 (Michael Burden, RVDXM; Paul Kareglanis, SCDX 6/3)

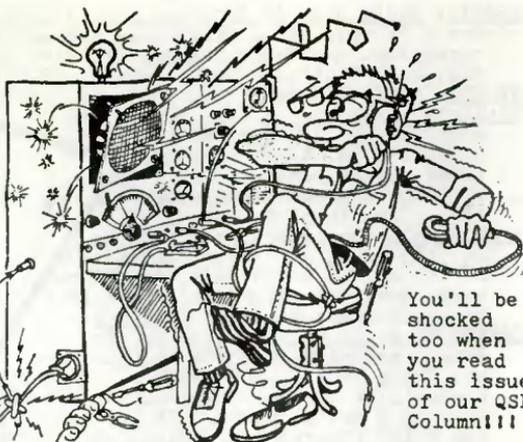
R. Enoch, The Voice of the People Against Marxism, attacks the British Labor Party and trade unions, hrd 11/2 around 1100 in SSB on 6246. Probably will be on one Sun morn monthly. It takes pains to point out that it opposes the extremist National Front (John Campbell, DSWCI)

# QSL COLUMN

Sam Barto, NASWA QSL Editor  
245 Cherry Ave. J-11  
Watertown, Conn. USA 06795

MAKE SURE TO READ THE ENTIRE QSL COLUMN. IT MAY PROVE TO BE ONE OF OUR MOST INTERESTING.....Sam.

**ALGERIA:** RTVA 9685 f/d cd. in 7 wks. for FR/EG rpt.(Alm-BC).  
**ANDORRA:** Radio Andorra 6215 f/d "Mountain Scene" cd. in 37 ds. for 1 IRC.(Desrosiers-MA). in 3 wks. for 2 IRCs.(Lobdell-MA). in 17 ds. for 1 IRC.(Pineault-ASIATIC RUSSIA: Radio Mos-9580



You'll be shocked too when you read this issue of our QSL Column!!!

cow via Blagoveschensk on 9580 in 36 ds.(Marshall).

**AUSTRALIA:** VNC 7500 f/d folder cd. in 5 wks. for 1 IRC.(Kapinos-MA). 12000 in 6 wks. (Alexander-PA). ABC 6090 Sydney f/d "Map" cd. in 18 ds.(Alm-BC). Radio Australia via Carnarvon on 11865 w/ "Mallee Gum" cd. in 7 wks.(Barto-CT). same site for 17870 w/ f/d "Murray River" cd. in 3 mo.(Field-MI). via Shepparton on 9580 w/ f/d "Simpson Gap" cd. in 47 ds.(Sandborn-NC).

**AUSTRIA:** ORF 5945 w/ f/d "Lovers" cd. in 1 mo.(Barto-CT). same cd. for 6155 in 53 ds.(Harms-UT). in 29 ds. for 1 IRC.(Cozzens-OH). 5945 w/ f/d "Futuristic City" cd. in 44 ds. w/ sked. & agenda book.(Micciche-NY).

**AZERBAIJAN:** Radio Baku 4785 f/d white cd. in 3½ mo. for 1 IRC which was returned.(Lobdell-MA). Very nice QSL Chris...Sam.

**BELGIUM:** BRT rcvd. 50 new pennants and stickers for the auction.(Barto-CT). ORU 6080 f/d "Map" cd. in 2 mo. for 2 IRCs.(Matthews-OH).

**BENIN:** La Voix de la Revolution 4870 f/d cd. in 10 mo. for a FR rpt.(Wallace-JAPAN). in 81 ds. for a FR rpt. and 1 IRC.(Alexander-PA).

**BOLIVIA:** Radio Mamore 4601 ltr. in 6 wks. for a SP rpt. v/s Lucio Montan Escobar, Director Proprietario.(Barto-CT). same in 6 wks. on the 3rd try for a SP rpt. Nice sticker on the letter. (Field-MI).

**BONAIRE:** Radio Nederland 6165 f/d "Windmills" cd. in 43 ds.(Byron-NY). 9590 w/ same cd. in 7 wks.(Lobdell-MA). in 48 ds. for 1 IRC.(McNair-TX). in 28 ds. w/ f/d "Water Canal" cd. for 1 IRC.(McNair-TX).

**BRASIL:** Radio Nacional de Brasilia 11780 f/d cd. in 3 wks. for an EG rpt. & 1 IRC.(Margrith-NE). Radio Diario da Manha 9675 f/d postcard in 15 mo. for a PT rpt. and ms. v/s Claudio R. Moraes(Sparks-CA). Radio Olinda 3285 f/d ltr. in 31 ds. v/s Padre Paula de Souza.(Howard-CA). Radio Relogio Federal personal ltr. in 3½ mo. for a PT. rpt. & ms. v/s Olando Azerdo Continho, Enco. do Pessoal.(Lazarus-LA).

Radio Guaiba 5965 EG/FR/PT cd. in 3 wks. for a PT rpt. v/s Paulo Deniz.(Barto-CT).

HELLO THERE I AM  
JACKY NORDSEE  
THANKS FOR  
DROPPING ME A LINE



KEEP READING!!!  
I HOPE YOU ALL  
HAVE A LITTLE  
COIN IN YOUR  
POCKETS!

**BRASIL:** Radio Oito de Setembro Ltda. (ZYG866) 2320 PT ltr. in 3 wks.

for a PT rpt. and a front page newspaper write up on the reception. v/s Pedro Gaspar, Director Gerente. Addr: Rua. Jose Bonifacio 765, 1 andar, CP 08(Barto-CT).

**BRUNEI:** RTVE 4865 "Map" cd. in 5 wks.(Barto-CT).

**BULGARIA:** Radio Sofia 9705 f/d cd. in 3

mo.(Johnson-TX). f/d "Melnik" cd. in 58 ds. w/ DX diploma.

(Fraser-MA). same cd. for 7115 and 9705 in 56 ds.(Cucura-PA). 7115 in 52 ds.(Byron-NY).

**BYELORUSSIA:** Radio Moscow via Orsha

on 7105 in 23 ds.(Ponder-LA).15150 w/ f/d cd. in 42 ds. v/s Olga Milyaeva, RMWS(Desrosiers-MA). same in 44 ds.(Hoffman-PA). QTH is Minsk.

**CAMEROON:** Radio Bertoua 4750 two FR form ltrs. (serial #1 and #8) in 1½ and 4½

mo. for a FR rpt. and ms. v/s Jean-Marie Etoundi, Le Chef de Station.(Lobdell-MA). same in 3 mo.(no name). QSL for an EG rpt. and 1 IRC.(Sparks-CA). Radio Cameroon via Yaounde on 4850 w/ f/d ltr. in 54 ds. for a FR rpt. and 2 IRCs.(Tuchscherer-WI). same in 102 ds. for a FR rpt. and 1 IRC. (Alm-BC). Radio Garoua 5010 f/d ltr. in 2 mo. v/s Eboou Zame M., (Margritz-NE).

**CANADA:** CFCE 6005 cd. in 2 wks. for 1 IRC.(Alexander-PA).

CFRX 6070 "Marine Mobile" cd. in 16 ds. w/ two stickers.(Howard-CA). in 12 ds. v/s Clive Eastwood.(Lobdell-MA). in 13 ds. for 1 IRC.(Cucura-PA)...And all these years I thought the C. stood for Clint! Sam. CHU 7335 w/ cd. in 16 ds.(Dittrich-FL). No RCI rpts!!!!

**CELEBES:** RRI Ternate 3345 ltr. in 2 wks. for IN rpt.(Field-

**CHILE:** Radio Mineira 9750 EG/SP form ltr. in 17 ds. MI). for a SP rpt. and ms. v/s Manuel Vergara Llanca, Gerente. Rcvd. a small blue pennant.(Prisco-PA).

**CHINA:** Gansu (Kansu) Peoples B/Cing Station 3360 cd. w/ freq. & station name in 5 wks. No mention of Peking on the cd.(Barto-CT). Radio Peking 15060 cd. in 41 ds.(Marshall). cd. in 3 wks. for 1 IRC.(Miller-WV). f/d cd. in 1 mo.(Kapinos-MA). 15520 w/ "Yao Mountain" cd. in 1 mo.(Wilhite-TX). 15220 w/ "Toy Giraffe" cd. in 17 ds.(Fraser-MA). 17680 w/ "Grain" cd. in 1 mo.(Matthews-OH). 19m. cd. in 3 wks.(Zimmer-MO).

**COLOMBIA:** Radio Guatapurí 4815 ltr. in 1 mo. for a SP rpt. Large red, white and blue pennant also rcvd.(Porter-CT). Radio Nacional 15335 w/ cd. in 102 ds. for a SP rpt. and ms. v/s Juan Cllmaco Arbelaez, Director.(Hoffman-PA). La Voz del Cinaruco 4865 cd. in 90 ds. for a SP rpt. v/s Ing. Mario Fric.(Klein-FL).

**COSTA RICA:** TIRC 5055 f/d cd. in 2 mo. for an EG rpt. and 1 IRC. v/s Mary H. Steele.(Alm-BC). 9645 cd. in 38 ds. for 2 IRCs.(Harms-UT). 5055 in 87 ds. for 1 IRC.(McCants). Radio Reloj 4832 f/d "Irazu Volcano" cd. in 2 wks.

for an EG rpt. and 2 IRCs. v/s Roberto E. Aragon. (Lobdell-MA). in 2 wks. for a SP rpt. (Field-MI). 6006 w/ cd. in 5 wks. for an EG rpt. (Alexander-PA).

**CUBA:** RHC 17855 f/d cd. in 7 mo for an EG rpt.(Matthews-OH).

**CZECHOSLOVAKIA:** Radio Prague 5930 f/d cd. in 3 mo. for an EG rpt.(Kapinos-MA). 7345 w/ f/d cd. in 84 ds.(Fraser-MA) 21700 w/ f/d "Trade Fair" cd in 68 ds.(Super-SO. AFR).

**ECUADOR:** HCJB 11915 f/d "Jungle Home" cd. in 44 ds.(Byron-NY). same cd. for 9560 in 73 ds.(Brouillette-MI). 17890 w/ f/d "Agriculture" cd. in 48 ds. for US stamps.(McNair)

**RADIO  
CHORTIS**

submitted  
by  
Chris  
Lobdell

JOCOTAN

Q  
S  
L

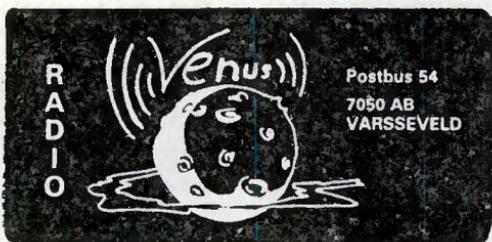
**Radio  
Black  
Peter**

**6.2 MHz**



«the international  
voice of the young europe»

**ECUADOR:** HCJB 11915 w/ f/d cd. in 4 mo. Station read my ltr. over the air. I was not notified but happened to be listening to the B/C. (Higgins-IL). f/d cd. and pennant in 1 mo. (Zimmer-MO). in 55 ds. for 9560 w/ "DX Club" cd. (Dawson-ALB). 9745 w/ f/d "Clay Figurine" cd. in 31 ds. (Fraser-MA). **Radio Zaracuy** 3390 f/d ltr. in 20 ds. for a SP rpt. and 1 IRC. v/s H. Velastegui D., Gte. Proprietor. Pennant was rcvd. (Ponder-LA).



Postbus 54  
7050 AB  
VARSSEVELD

**Radio Quito** 4920 blue & white folder cd. in 5 wks. for a SP rpt. and 1 IRC. v/s Jose Almeida. (Lobdell-MA). **Escuelas Radiofonicas Populares** 3985 folder cd. w/ pennant in 1 mo. for a SP rpt. and ms. v/s Padre Ruben Veloz. (Lobdell-MA). **Radio Iris** 3380 ltr. in 1 mo. for a SP rpt. and ms. v/s Yolanda Caicedo, Secretaria. (Lobdell-MA)...Nice rpts Chris...Sam. **Ondas Azuayas** 4980 ltr. in 4 wks. for a SP rpt. and ms. v/s Dr. Jose A. Cardoso F., Gerente General. Addr: Av. Heroes de Verdeloma 9-15, Cuenca. (Sparks-CA). same in 1 mo. for a SP rpt. (Field-MI)...Thanks for all the nice rpts. fellas...Sam.

**EGYPT:** **Radio Cairo** 9475 2 cds. in 105 ds. (Dittrich-FL).

**ENGLAND:** **BBC** 11955 cd. in 1 mo. (Zimmer-MO)...**Oman**??? **VOA Woofferton** 5965 f/d cd. in 9 ds. (Prisco-PA). 7200 in 12 ds. (Leithner-TN). in 9 ds. (Harms-UT).

**ESTONIA:** **Eesti Radio** 6085 **Tallinn** f/d "Seal Hunter" cd. in 114 ds. Also rcvd a blue and gold pennant. v/s R. Raig, DX Club. (McVicar-ONT).

**EUROPEAN RUSSIA:** **Radio Moscow** via **Leningrad** on 11755 w/ f/d cd. in 1 mo.

(Tuchscherer-WI). same in 44 ds. (Hoffman-PA). via **Tula** on 12020 in @ 1 mo. (Tuchscherer-WI) 21490 in 44 ds. (Hoffman-PA)...Could be **Baku** possibly...Sam. via **Serpukhov** on 11705 in 1 mo. (Sparks-CA). via **Moscow** on 7200 in 34 ds. (Fraser-MA). 7440, 15525 and on 6010 in 45 ds (Desrosiers-MA). via **Ryazan** on 15350 in 45 ds (Desrosiers-MA).

**FED. REP. OF GERMANY:** **RFE** 21720 "Map" cd. in 2 mo. (Prisco-PA). 15215 w/ cd. in 416 ds. (Byron-NY). **Radio Bremen** 6190 f/d "Map" cd. in 36 ds. for 2 IRCs. Stickers rcvd. (McVicar-ONT). **Bayerischer Rundfunk** 6085 abstract cd. in 44 ds. for 2 IRCs. (McVicar-ONT).

**DW** 6100 cd. in 35 ds. w/ pennant (Byron-NY).

**FINLAND:** **Radio Finland** f/d "Winter in NY".

**Finland** cd. in 35 ds. for 1 IRC (McNair-TX).

**FRANCE:** **RFI** 21580, 21620 and 21675 w/ f/d cd. in 27 ds. (Harms-UT). 21580 w/ f/d "Notre Dame" cd. in 38 ds. for 1 IRC. (Fraser-MA). in 33 ds. w/ calendar (King-IL). same cd. for 15210 in 2 1/2 mo. w/

a little pocket calendar. (Wilhite-TX). "Jean Bouin" cd. in 3 wks. (Johnson-TX).



VOICE OF  
INDONESIA

VOICE OF INDONESIA  
THE OVERSEAS SERVICE OF  
RADIO REPUBLIC INDONESIA

**NEXT MONTH:**

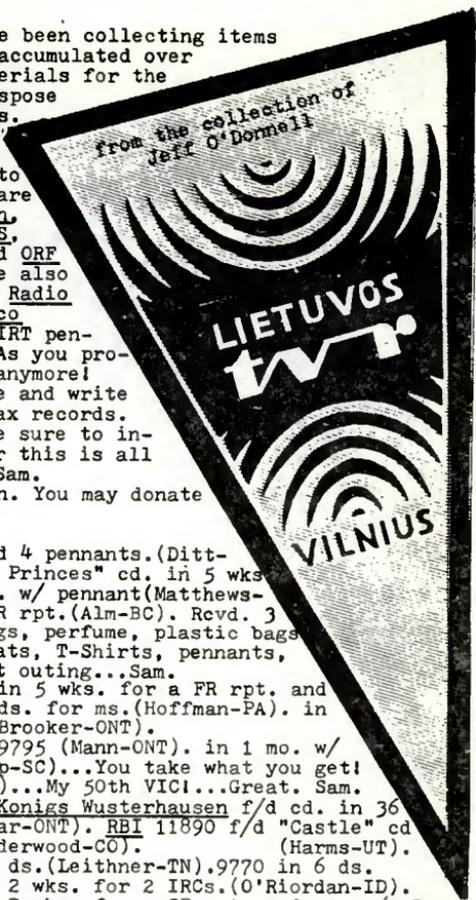
We will have a very special issue illustrating many pre 1950 QSLs from the collection of Syd Osterman.

**REMEMBER:**

NASWA QSL Column report forms are available from your QSL Editor for an SASE.

**EARLY HAP-NEADKO AUCTION:**

As most of our members know, I have been collecting items for our next outing in Sept. We have accumulated over 5000 pennants, stickers and other materials for the HAP Auction. There is no way I can dispose of such an amount in a few short hours. From time to time in this column, I will offer specific items for sale. All monies collected will be donated to the HAP Fund. The following stickers are available for \$.25 each...Radio London, Sender Freies Berlin, CKNW, WDGY, RIAS, Radio Vatican, WHAL, Radio France, and ORF in English. The following pennants are also available...Radio Vatican (\$1.00) and Radio Belgium (\$1.00) along with Radio Mexico the NIRT in Iran at \$2.00 each. The NIRT pennant was pictured in the last issue. As you probably realize, they don't make these anymore! Make all checks payable directly to me and write HAP donation at the bottom for your tax records. Only one of each item per customer. Be sure to include a SASE with your order. Remember this is all for a very good cause in our hobby...Sam. The above prices are only a suggestion. You may donate more to HAP if you desire...Sam.



**FRANCE:** RFI 21620 w/ cd. in 39 ds. and 4 pennants. (Ditt-rich-FL). 21580 w/ f/d "LeParc des Princes" cd. in 5 wks for 1 IRC. (Wendt-OR). cd. in 5 wks. w/ pennant (Matthews-OH). 11705 w/ cd. in 1 mo. for a FR rpt. (Alm-BC). Rcvd. 3 packages from RFI w/ burlap handbags, perfume, plastic bags and beach balls, wallets, games, hats, T-Shirts, pennants, stickers and much more for the next outing...Sam.  
**GABON:** RTVG 4777 new type folder cd. in 5 wks. for a FR rpt. and 3 IRCs. (Matthews-OH). same in 103 ds. for ms. (Hoffman-PA). in 200 ds. for a FR rpt. and 2 IRCs. (Brooker-ONT).  
**GEORGIA:** Radio Moscow via Tbilisi on 9795 (Mann-ONT). in 1 mo. w/ f/d "50th Anniversary" cd. (Overcamp-SC)...You take what you get! same f/d cd. in 50 ds. (Sandborn-NC)...My 50th VIC!...Great. Sam.  
**GERMAN DEM. REP:** Stimme der DDR 6115 Konigs Wusterhausen f/d cd. in 36 ds. for 2 IRCs. Only 5 kws! (McVicar-ONT). RBI 11890 f/d "Castle" cd in 41 ds. w/ station stickers. (Calderwood-CO). (Harms-UT).  
**GREECE:** VOA Kavala 5985 f/d cd. in 10 ds. (Leithner-TN). 9770 in 6 ds.  
**GUAM:** KTWR TWR 17855 f/d "Map" cd. in 2 wks. for 2 IRCs. (O'Riordan-ID).  
**GUATEMALA:** Radio Nacional 6180 cd. in 7 wks. for a SP rpt. and ms. v/s R. Chenal L. (Leithner-TN). Radio Mam 4825 personal ltr. in 2 1/2 mo. for a SP rpt. and ms. v/s Herminio Perez L., Depto. Radio Difusion. (Lobdell-MA).  
**Radio Tezulutan** 4835 f/d photo cd. in 5 wks. for a SP rpt. and ms. v/s Padre Bernardino Ness. Station will accept EG rpts! (Lobdell-MA).  
**Radio Maya de Barillas** 3325 f/d "Indian Warrior" cd. in 5 mo. for an EG/SP rpt. and ms. v/s

Loran W. Veith, Gerente. (Lobdell-MA). Radio Chortis 3380 f/d ltr. w/ pennant on the reverse in 7 wks. for a SP rpt. and ms. v/s Juan Maria Khrouet Director Ejecutivo. (Lobdell-MA). in 26 ds. for a SP rpt. and 1 IRC. (George-TX). Nice rpt gentlemen... Sam.



Fecha: 24/Abril/75

F/. 6.095 Khz 49,22 m

**RADIO TELEVISION DE SAHARA**

Distinguido señor: Ha llegado a nuestro poder su control de recepción correspondiente al día 22/3.75 que mucho agradecemos. Nos es grato hacerle, en relación con el mismo, los siguientes comentarios:

Son exactos todos sus datos.

submitted by Richard McVicar

Esperando recibir más noticias suyas en el futuro, le saluda atentamente,

Fdo. Pablo I. de Dalmases. DIRECTOR



GUATEMALA: TGVN 3360 La Voz de Nahuala. rcvd a batch of pennants for our Sept. outing. Hope these sell well...Sam.

HOLLAND: Radio Nederland f/d cd. in 60 ds. w/ sticker(Dittrich-FL).

HONDURAS: HRVC 4820 f/d cd. in 1 mo. for an EG rpt. v/s Miss Ines Alvarado A.,(Margritz-NE). f/d "Map" cd. in 23 ds. for 2 IRCs.(Harms-UT). Radio Lux 4890 personal ltr. in 5 wks. for a SP rpt. and ms. v/s Jose Manuel Amador, Director.(Lazarus-LA). ltr. and postcard in 6 wks. for a SP rpt. and ms.(no name)...Put your name after each QSL fellas...Sam.

HUNGARY: Radio Budapest 6040 f/d "Logo" cd. in 17 ds. along w/ 25 pennants and 12 key chains for the auction.(Barto-CT). 11910 in 21 ds.(Sandborn-INDIA: AIR 11810 w/ f/d "Ducks at the Delhi Zoo" cd. in 2½ yrs! for 2 NC). IRCs.(Golden-IL).11620 w/ f/d "Logo" cd.(Harris-NY). 11775 w/ "Bengal Tiger" cd. in 8 mo. after a f/up. for 2 IRCs.(Lobdell-MA).

IRAQ: NIRT 15084 f/d cd. in 38 ds.(Harms-UT)..May be the last for a while!

IRAQ: Radio Baghdad 9745 cd. in 93 ds. for ms.(Hensley-TX). same in 67 ds. for 1 IRC. A copy of the "Baghdad Observer" was rcvd.(Desrosiers-MA).

ISRAEL: IBA 9815 f/d "Tribes" cd. in 42 ds. for 1 IRC.(Fraser-MA).

ITALY: RAI 11810 f/d "Painting L'adoruzione" cd. in 120 ds.(McNair-TX).

JAPAN: Radio Japan 15270 w/ "Fireworks at Lake Ashinoko" cd. in 2 mo. (Lobdell-MA). same cd. for 15105 in 6 wks.(Zimmer-MO). in 3 wks. (Margritz-NE). 15270 w/ "Koto" cd. in 19 ds. (Desrosiers-MA). 17825 w/ f/d "Water Lilies" cd. in 7 wks.(Alexander-PA). NSB 3925 f/d "Logo" cd. in 10 ds. for 1 IRC.(Clark-AZ). 6055 and 9595 w/ f/d cd. in 8½ mo.(Wendt-OR). 9595 in 39 ds. for 2 IRCs.(Harms-UT). JYJ 8000 f/d cd. in 5 mo. (Johnson-TX). 15000 in 6 mo.(Prisco-PA). same f/d cd. in 9 wks.(Leithner-TN).

JAVA: RRI Sumener 3355 f/d prepared cd. in 12 wks. for IN rpt. and ms. v/s R. Ismono, Kepala Studio.(Sparks-CA). RRI Bandung 3204 f/d prepared cd. in 3 wks. for an IN rpt. and ms. This was after several tries.(Sparks-CA). Voice of Indonesia 11790 f/d "Cikar" cd. in 216 ds. for an EG rpt. and 1 IRC.(Brooker-ONT). same for 7070 in 3 wks.(Barto-CT).

KALIMANTAN: RPDTK2 Kutai 4465 ltr. in 3 mo. for an IN rpt. and ms. v/s Haji Satran Madjid, Kepala Bagian Siaran.(Sparks-CA)...Most interesting! Sam.

KENYA: VOK 4934 Nairobi f/d ltr. in 26 ds.(Howard-CA). same in 3 wks.(Matthews-OH). same in 1 mo. however the site was confirmed on the QSL as Mombasa not as above. v/s Rashid Bakuli.(Field-MI).

KIRZHIG: Radio Moscow via Prunze on 11820 w/ f/d cd. in 44 ds. (Hoffman-PA). same in 42 ds.(Desrosiers-MA). Thanks go out to Roger Legge and his USSR HFN for the site...Its an excellent publication...Sam. SO. AFR.

KOREA, PEOPLES REP: Radio Pyongvang 9977 f/d cd. in 1 mo. w/ pennant(Super-KOREA, REP OF: Radio Korea 9870 f/d "Mountain Climber" cd. in 1 mo. w/ pennant (Kapinos-MA). same cd. for 9720 in 6 wks. w/ red and silver pennant (O'Riordan-ID). in 32 ds. for 1 IRC w/ a pennant.(Ponder-LA). in 3 wks. w/ a green pennant(Johnson-TX). 9720 w/ f/d "National Museum" cd. in 58 ds. and pennant (Schmidt-WI). in 2 mo. w/ a red and lavender pennant. (Field-MI). 7550 w/ f/d "Chomsong-dae Observatory" cd. in 6 wks.(Matthews-OH). 11860 w/ f/d "Pagoda" cd. in 3 wks. w/ pennant.(Zimmer-MO). 9720 w/ f/d "Rose of Sharon" cd. in 1 mo. for 1 IRC. (Margritz-NE). in 43 ds. w/ pennant and a schedule. (Dittrich-FL)...Go & get em gang. I mentioned last month that this station had many different pennants...Sam.

BRASIL TURISTICO  
 Rua para cal com Ed. Babo e São Paulo Hilton Hotel  
 Postal code: Dacko.com Hilton building and N. Paulo Hilton Hotel

A Radio PANAMERICANA DE São Paulo confirma sua escuta de nossa onda-curta de 25 M na frequência de 11.965 Khz, no dia 14 de Maio de 1978 a 00.18 GMT. Sistema de Antena onidireccional com 7.5KW de potencia, transmissor Gates (USA).

Atenciosamente,  
Almir Carvalho  
 a) Almir Carvalho -Gerente.

Remete: Radio Panamericana  
 Av. Murina, 713  
 São Paulo -BRASIL  
 South-America.

Brasil 77 560  
 330  
 1 DEZ 78  
 HOWARD  
 777 VIA RUIBUENA  
 SANTA BARBARA,  
 CALIFORNIA 93110  
 U. A. 1192  
 Air Mail

YOU HAVEN'T  
 READ IT ALL.  
 THERES MORE,  
 MUCH MORE TO  
 COME!

LATVIA: Radio Moscow via Riga on 21615 w/ f/d cd. in 44 ds. (Hoffman-PA). f/d cd. for 21616 and 15220 in 6 wks.

LIBERIA: ELWA 4770 f/d (Lobdell-MA). "Dancers" cd. in 6 mo. (Leithner-TN).

VOA Monrovia 6035 cd. in 9 ds. (Wilhite-TX). 17870 in 12 ds. (Calderwood-MALAGASY: Radio Nederland 11740 f/d CO). cd. in 3 wks. (Kapinos-MA).

MALAWI: MBC 3380 f/d ltr. in 45 ds. v/s C.R. Chibaka, GM. (Howard-CA). 7130 in 72 ds. (Super-SO. APR).

MALAYSIA: Radio TV Malaysia 9665 f/d cd. in 2 mo. v/s Teoh Cheow Soo. Also rcvd. a station pennant. (Matthews-OH)

MALI: RN du Mali 5995 f/d cd. in 1 mo. for a FR rpt. and 3 IRCs (Matthews-OH)

MALTA: AWR Voice of Hope 9635 f/d cd. in 15 ds. for 2 IRCs. (Prisco-PA).

MEXICO: Radio Universidad de Sonora XEUDS 6115 cd. in 15 ds. Station said that they only play classical and carefully selected popular music. However, when I logged them they were playing YMCA and Le Freak! (Wilhite-TX). Radio Mexico 15385 f/d cd. in 37 ds. w/ pennant. (Wallace-JAPAN). 11770 in 30 ds. for a SP/EG rpt. and ms. Plastic pennant was also rcvd. (Onken-IL).

MONACO: TWR 7105 f/d "Map" cd. in 2 mo. for 1 IRC. (Leithner-TN). 9610 w/ same cd. in 28 ds. for 1 IRC. (Byron-NY).

NEWFOUNDLAND: CKZN St. Johns 6160 f/d cd. in 20 ds. for ms. v/s F. Holm. (Higgins-IL). in 33 ds. (Howard-CA). in 3 wks. for 1 IRC. (Golden-IL).

NEW CALEDONIA: FR3 7170 f/d "Map" form ltr. in 28 ds. for a FR rpt. and 3 IRCs. (Prisco-PA). 11710 in 26 ds. (Desrosiers-MA).

NEW ZEALAND: RNZ 15280 "Scenic" cd. in 1 mo. (O'Riordan-ID). 17770 w/ cd. in 12 ds. for 1 IRC. (Miller-WV). (Cucura-PA).

NICARAGUA: RN 5950 ltr. in 4 mo. for a SP rpt. v/s Orlando Meza Lira, Dir. Gen

NIGERIA: Voice of Nigeria 7255 f/d green and white cd. in 3 mo. (Wilhite-TX).

NORWAY: Radio Norway 17840 f/d "Winter in Norway" cd. in 26 ds. for 1 IRC. (McNair-TX). in 37 ds. for 1 IRC. (Cozzens-OH). 9590 w/ flag in 1 1/2 mo.

OMAN: BBC 15310 cd. in 2 mo. w/ a BBC WRC pennant! (Klein-FL). (Wilhite-TX).

PAKISTAN: PBC 17830 cd. in @ 2 mo. (Harris-NY).

PERU: Radio Inca del Peru 4763 cd. in 25 wks. for a SP rpt. after a follow up. v/s Rosa Kuwab T., Gerente Administrative. (Sparks-CA). Radio Atlantida 4790 f/d ltr. in 14 mo. for a SP rpt. and US ms. v/s Julio Heategul Burga. He is a stamp collector gang! (O'Riordan-ID). Radio Loreto 5050

personal ltr. in 5 wks. for a SP rpt. and ms. v/s Carlos Alberto Picon S., (Lazarus-LA). Haven't seen Loreto in too many QSL Columns of late. Sam

YOUR ALL SAFE I COULDN'T THINK OF ANYTHING DUMB TO SAY!

## DUTCH PIRATE STATION BLOEMENDAL & AMIGO

### NEDERLAND

180 M.  
227 M.  
270 M.



VT POWER  
1800 VOLT

LOS VECINOS RESPONSABLES DEMANDABLES EN LA CIMA DEL VOLCAN TAJA 3.450 M. S. CARTA DEL COSTA RICA



via Chris Lobdell

**PHILIPPINES:** FEBC 17810 f/d cd in 58 ds. for 1 IRC. (Brook-er-ONT). same in 36 ds. for 1 IRC. (Dittrich-FL). 15450 f/d cd. and pennant in 23 ds. (Wala-CA). VOA Tinang. 9670 f/d cd. in 11 ds. (Harms-UT). Radio Veritas Asia 15275 f/d cd. and a small orange pennant in 33 ds. v/s Ms. Larissa P. Malinao Relations Officer (Howard-

**POLAND:** Polskie Radio

11815 f/d "Royal Castle" cd. in 52 ds. (Clark-AZ). 9525, 11815 and 15120 21 f/d QSLs on 8 cds. of 5 different designs and a personal ltr. from Zdzislaw Frackiewicz requesting taped rpt. (Wala-CA).

**PORTUGAL:** Radio Portugal 11935 f/d cd. in 5 wks. (Hamilton-SC). same in 19 ds. (Zimmer-MO). in 69 ds. for 1 IRC. (Dittrich-FL). f/d "Capel Nova" cd. in 30 ds. (King-IL). in 25 ds. for 1 IRC. (McNair-TX). 6025 w/ "Costumes" cd. in 29 ds. (Swanson-IA). Deutschlandfunk 11865 via Sines f/d cd. in 6 mo. for 3 IRCs. (Matthews-OH). IBRA Radio via Radio Trans Europa 9670 via Sines w/ f/d cd. in 18 ds. for 2 IRCs. Addr: IBRA Radio AB, S-105 36 Stockholm, Sweden. (Prisco-PA). in 90 ds. for 1 IRC. w/ pennant. (Hoffman-PA).

**RHODESIA:** RBC 3396 large "Map" cd. in 1 mo. for 2 IRCs which were returned, (Kapinos-MA). same in 1 mo. (Porter-CT). 7298 w/ cd. in 21 ds. (Super-SO).

**ROMANIA:** Radio Bucharest 5990 f/d "Olina Seaside Resort" cd. in 3 mo. (AFR). (Matthews-OH). 15365 w/ same cd. in 2½ mo. w/ 2 calendars (Super-SO. AFR).

**SAUDI ARABIA:** BSKSA 21505 f/d "Logo" cd. in 6 wks. (Barto-CT). 11635 in 98 ds. for an EG rpt. (Clark-AZ).

**SIERRA LEONE:** SLBS 5980 f/d ltr. in 43 ds. for 1 IRC. v/s H.A. Lynch, Director General (Stauner-WI). in 5 wks. for 1 IRC. (Kamp-CT).

**SOLOMON ISLANDS:** SIBC 5020 f/d "Logo" cd. in 15 wks. for 1 IRC. (Clark-AZ).

**SOUTH AFRICA:** ZUC 5000 f/d ltr. in 4 wks. v/s R. Lake. (Matthews-OH). 2500 in 28 ds. (Swanson-IA). Radio RSA 11900 w/ f/d "Drakensberg" cd. in 3 wks. (Alexander-PA). 9610 w/ "Surf City" cd. in 24 ds. w/ pennant. (Margritz-NE) in 30 ds. for 1 IRC (McNair-TX). in 3 wks. (Zimmer-MO). Springbok Radio 4810 "Industries" cd. in 20 ds. for 1 IRC. (Dittrich-FL).

**SPAIN:** REE 9630 f/d "Castles" cd. in 26 ds. (Margritz-NE). same in 1 mo. (Hamilton-SC). 11880 w/ f/d "Alcazar de Segovia" cd. in 30 ds. (McNair-TX). in 38 ds. (Marshall). 6065 w/ f/d "Cranes" cd. in 22 ds w/ new sticker and pennant. (Byron-NY)...They finally made the pennants!!!...Sam.

**SRI LANKA:** VOA Colombo 15185 f/d cd. in 9 ds. (Wilhite-TX). in 8 ds. (Cucura-PA). same in 10 ds. v/s Donna Berry. (Leithner-TN)...That's a new one..Sam.

**SUMATRA:** RRI Bukittinggi 4885 f/d prepared cd. in 16 ds. for an IN rpt. and ms. This was after 1 follow up rpt. (Sparks-CA).

**SURINAM:** Stichting Radio Omroep Suriname 4850 f/d form ltr. and a cd. in 38 ds. v/s Edith R. Russel. (Gower-IL). same in 7 mo. for a DT rpt. (Prisco-PA) in 5 wks. for an EG rpt. and 2 IRCs. (Kapinos-MA). in 8 wks. after @20 rpts during the past two years. (Lobdell-MA)...The way they are answering Chris you may get 20 QSLs!...Sam.

in @ 1 yr. for a SP rpt. and ms. Addr: Jacques Van Eerstraat 20, P.O. Box 271, Paramaribo. (Insinger-NJ)...See the next page for the QSL.

**SWEDEN:** Radio Sweden

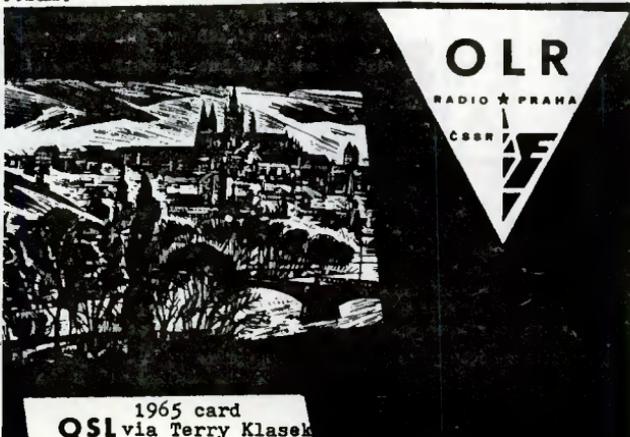
21700 w/ f/d "Linne Stamp" cd. for 1 IRC. (McNair-TX). same cd. for 21615 in 18 ds. v/s Anette Beijer. (King-IL). in 17 ds. (Sigler-IN). same f/d cd. for 11705 in 30 ds. (Ventura-IL). 9690 w/ same cd. in 30 ds. (Sandborn-NC). in 22 ds. for 11705 and 1 IRC. (Cozzens-OH). in 3 wks. (Zimmer-MO).

Dear Mr. Barto,

We are glad to have your reception report on our program transmitted on 3360 kc/s dated Jan. 27, 1979.

Your further reception reports on our broadcasts are welcome.

Gansu (Kansu) People's  
Broadcasting Station



1965 card  
QSL via Terry Klasek



via Chris Lobdell

**STICHTING RADIO OMROEP SURINAME  
STUDIO AND OFFICES LOCATED ON  
JACQUES VAN EERSTRAAT 20 PAR'BO  
P.O.B. 271**

**SWITZERLAND:** SRI 21545 f/d cd. in 6 wks.(Kapinos-MA). 9725 in 22 ds. for 1 IRC. (McNair-TX). same in 2 1/2 mo.(Wilhite-TX).6135 w/ f/d "Verbier" cd. in 55 ds.(Micciche-NY). ICRC 7210 f/d "Globe" cd. in 18 ds. for 3 IRCs(Harms TAIWAN: VOFC 15425 w/ f/d "Horse" cd. in 1 mo. w/ pennant, pin & sticker-UT) (Margritz-NE). same for 15345 in 5 wks.(Hamilton-SC).17890 w/ same stuff in 3 wks.(Higgins-IL). in 21 ds.(Dittrich-FL).9510 in 24 ds.(Harms-UT).

**TANZANIA:** Radio Tanzania 9750 cd. in 8 mo. for 2 IRCs.(Onken-IL).

**THAILAND:** Radio Thailand 9655 f/d "Orchids" cd. in 36 ds. for 1 IRC. v/s Ramyoy Sukopan.(Onken-IL).in 3 wks. w/ "Royal Barge" cd.(Matthews-OH).

**TIMOR:** RRI Dili 3120 f/d prepared cd. in 2 mo. after a follow up for an IN rpt. and ms. v/s M.I. Dalimunthe.(Sparks-CA)...Very good catch...Sam.

**TOGO:** Radio Togo 5047 "Logo" cd. in 5 wks. for a FR rpt. and 1 IRC(Klein-FL)

**TUNISIA:** RTVT 7275 f/d "Hotel el Hana" cd. in 5 wks. for a FR rpt and 1 IRC.

**TURKEY:** VOT 11955 f/d "Love and Peace in Turkish Humor" cd. in (Kapinos-MA) 28 ds. w/ pennant.(Clark-AZ). same cd. for 9515 in 5 wks.(Wendt-OR). in 39 ds. for 2 IRCs w/ pennant(Schmidt-WI). in 38 ds. for 1 IRC. w/ pennant (Fraser-MA).in 2 mo. w/ pennant.(Margritz-NE). in 33 ds.(Calderwood-CO). in 2 mo. w/ "Moon Cutter" cd.(Wallace-JAPAN).

**UGANDA:** UBC 15325 f/d "Studio" cd. in 124 ds. for 2 IRCs.(Onken-IL). ltr. in 6 mo.(Lobdell-MA). ltr. in @ 2 mo.(Harris-NY).

**UKRAINE:**Radio Kiev 15240 f/d "Costumes" cd. in 35 ds.(McNair-TX).same cd. in 32 ds. for 7210(George-TX). 17870 in 37 ds.(Stauner-WI). 7150 in 6 wks.(Matthews-OH). in 7 wks. w/ "Lenin Museum" cd.(Matthews-OH). in 42 ds.(Ponder-LA). 15100 in 36 ds.(Brouillette-MI). Radio Moscow via Lvov on 6200 in 45 ds.(Desrosiers-MA). via Ivano-Frankovsk on 7110 in 48 ds.(Marshall). via Simferopol on 7190 in 33 ds.(Marshall). 7195 in @ 1 mo. for RMWS reception.(Sparks-CA). 15130 and 17880 in 53 ds.(Name). via Vinnitsa on 9720 in 44 ds.(Hoffman-PA). in 1 mo.(Overcamp-SC). in 1 mo.(Tushscherer-WI). 5940 in 5 wks.(Matthews-OH).

**URUGUAY:** SODRE 11885 cd. in 35 ds. for 1 IRC.(Clark-AZ).9515 in 14 mo. for a SP rpt. and ms. v/s Jaime Bravo.(Sparks-CA).

**USA:** WELK 2800 Charlottesville,Va. ltr. in 10 ds.(Barto-CT). WWV 10000 cd. in 15 ds.(Dittrich-FL). WINE 15145 f/d cd. in 11 ds. (Cucura-PA).KGFI 5980 f/d "Golden Gate" cd. in 60 ds.(King-IL). WYPR 11805 f/d cd. in 24 ds.(Alexander-PA). 11770 in 10 ds.(Kapinos-MA). 21615 w/ f/d cd. in 1 wk.(Sparks-CA). 11720 in 6 wks.(Margritz-NE). OAS 11830 w/ f/d cd. in 15 ds.(Harms-UT). UNR 15240 f/d cd. in 74 ds.(Brouillette-MI). VOA Dixon 26095 f/d cd. in 10 ds. (Barto-CT).in 7 ds.(King-IL). VOA Bethany 15250 in 6 ds. (Cucura-PA). VOA Delano 17895 f/d cd. in 11 ds.(Leithner-TN). VOA Greenville 26040 cd. in 6 ds.(Cucura-PA). WENJ 1620 ltr. in 47 ds. for a phone call!(McVicar-ONT). Very nice QSL Rich.

submitted by Chris Lobdell

# RADIO SRS

## SOUTH AMERICA

Thanks to all of you who called on the land line about this QSL...Sam.

Q  
S  
L



USSR: Radio Rodina 17345 f/d cd. in 65 ds. for a RS rpt. v/s N. Glazova. (Clark-AZ). Radio Moscow 15180 f/d cd. in 40 ds. (McNair-TX). 9790 in 5 wk w/ pennant. (Johnson-TX). 5940 in 35 ds. (Micciche-NY). in 38 ds. (Brouill-  
UZBEK: Radio Tashkent 9540 f/d "Mosque" cd. in 1 mo. (Clark-AZ). ette-MI) same cd. in 5 wks. (Golden-IL). same in 38 ds. (Wallace-JAPAN).  
VATICAN: Radio Vatican 6015 f/d cd. in 18 ds. I think someone stold my pennant... (I know where you can get one. Hi!). (Klein-FL). in 4 1/2 mo. (Lobdell-MA). 9605 in 2 wks. for 1 IRC. (Matthews-OH). in 2 wks. (Zimmer-MO).  
VENEZUELA: YVTO 6100 f/d cd. in 6 wks. for a SP rpt. v/s Jesus A. Escalong C (Margritz-NE). in 5 wks. for a SP rpt. (Alexander-PA). Radio Rumbos 9660 w/ "Waterfall" cd. in 14 mo. (Johnson-TX).  
VIETNAM: VOV 12035 f/d paper cd. in 3 mo. w/ pennant (Field-MI). 15012 w/ cd. in 10 wks. (Lobdell). same in 12 wks. w/ pennant. (Clark-AZ).  
WEST BERLIN: Sender Freies Berlin 6190 orange, blue and green "Map" cd. in 6 wks. for 2 IRCs. (Lobdell-MA).  
WEST IRIAN: RRI Sorong 4875 f/d cd. in 5 wks. for an EG rpt. and 1 IRC. This is my first IN QSL!!!! (Klein-FL)... Very good. I'm sure you'll get more.  
YUGOSLAVIA: Radio Beograd 9620 f/d folder cd. in 4 mo. and 2 IRCs. (Golden-IL). same in 102 ds. (Hensley-TX). 15240 w/ f/d "Ohrid Castle" cd. in 89 ds. for ms. My VIC #100111 (Wala-CA). same in 3 mo. (O'Riordan-ID).  
ZANZIBAR: Radio Tanzania Zanzibar 3339 f/d prepared cd. in 90 ds. after a follow up for a 1975 reception. Station says that they do not broadcast on 3339 anymore... only on 6005. Mint stamps were sent. (Gavaras-MN)... Thanks for the telephone call on this one Tom. Its a real beauty!!!! Sam. If anyone wants to call with last minute QSL info the number is 274-1142.

#### VERIFICATION TECHNIQUES Publication:

I would like to thank the 100s of people who purchased this publication during the past year. The great majority of you wrote back to say that you enjoyed the publication immensely. Many people stated that they implemented some of the QSL techniques and methods with great results!

I would now like to announce that this publication has been completely revised. The main section contains 42 pages and over 160 illustrations. The supplemental section on verifying the Soviets contains 20 pages and over 65 illustrations. The entire publication has been professionally typed and single spaced. I'm sure that the VERIFICATION TECHNIQUES article will help many of our members, especially the newcomers to the hobby, to increase their QSL collections. Due to the increased number of pages and printing costs, I must raise the price of the publication by \$.50 to \$3.00. Your copy can be ordered directly from your NASWA QSL Editor.

Verification Signers: Radio Bucaramanga 4845 Luz Stella Jaimes, Secretaria. Radio Barcelona 3385 Ruffo Jose Vivas, Director. La Cruz del Sur 4875 Jose Caballero Montano. Radio Anhangueria 4915 Graca Maria Aires Montini. Radio Borborema 5025 Jose Rogerio do Nascimento. Radio Guatapuri 4815 Maritza Peralta Campo, Secretaria. Radio Luz y Vida 4830 Luis Florencio Leon, Gerente. HD210A 7600 Freddy Villau, Director. ALR Kurseong 3355 S. Lahiri. PBSLIBIA 9500 Abdul Rezag Nouh, Planning and Research. Radio Sociedade Feira de Santana 4865 Maria Luisa Caponi. Radio Londrina 4815 Cesar Augusto Comes. Radio Universidad de Costa Rica 6097 Tasiés Solis. La Voz de Nahuuala 3360 Juan Fidel Leppe Juarez. Radio Tropical 9710 Juan Pablo Mori. Radio Libertad Sport 6045 Jorge Dubilo... Via PLAY DX and Dario Monferini... Sam.

This month we had @ 105 countries that were reported. We are starting to pick up our country totals once again. Keep up the great reporting. As always, NASWA tries to give you, our members, the finest in QSL reports and illustrations..... Next month I will be offering many more stickers, decals and pennants for the NEADXXO-HAP and for your contributions. Since I seem to have a little more space available now I will also offer the following stickers and decals for a minimum of \$.25 each: KXEL, WDRG, WMNI, 120, 32M, 2ZA, Radio Northland, Radio Belgium, Radio New Zealand, Radio Bremen and Canadian Forces Europe. The following pennants are available for a minimum of \$1.00 each: Radio Budapest, Radio Australia, Radio Berlin International and Deutschlandfunk. These are available for @ \$2.00 each: Voice of Vietnam, CKWX (main station of CKFX-6080) and Radio Argentina.

Next month we will have many more and several "bid" items on some very fine articles submitted by radio stations throughout the world. In this months QSL Column we have offered a total of 20 stickers and decals from different stations and 11 pennants from all over the world. This is just a drop in the bucket. Next month there will be many, many more. If you want any of the above its on a first come first served basis. If I run out of a specific item, your money will be returned. Until next month..... Sam. SB

# update

April 1979 \*\*\* Number 41

Tom Alleman  
615 W. 43rd Terr., Apt. 6  
Kansas City, MO 64111 USA

(816) 931-5943 0030-0400 GMT only!!!

UPCOMING DEADLINES: 12 April (Mid-April) 23 April (May) 10 May (Mid-May)

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

**AFGHANISTAN** Kabul, 4775, tentative at 0145; call to prayer, talk by M and possible ID; then folk mx. Bad het and quick fade around 0200 prevented ID. Also noted in EG w/ ID and start of nx on 11890 at 1900. Quickly covered by jammer. (Chris Lobdell, MA) \*\*\* welcome, welcome. tba

**ALGERIA** (Clandestine) LV de la Resistencia Chilena, 7425, in SP 0004-0036\* nightly at good level. (Terry Krueger, FL) \*\*\* px details please. tba

**ARGENTINA** R. Rivadavia, 5882, in SP 0128-33; talks by M&W and fast vocals. (Cartwright, PA 3-17)

**AUSTRIA** ORF, 9770, in EG 0330; "Shortwave Panorama." (Ruth Vollrath, MO)

**BOLIVIA** R. Grigota, 4823, in SP 0125-0201\*; mostly SP pops and r&r selections, but a couple of ballads too. M in every 15 mins., and ID 0146. Closing anncmts 0200. Bad voice modulation. (Moritz, OH 3-12) +++ R. Stentor, 6094, now here and in the clear at \*1015 3-20; other days around 1000. Often has sound of car accelerating. (Jerry Beg, MA)

**BRAZIL** R. Cl. de Varginha, 3245, tentatively in PT 0025-0105; M w/ talk at t/in, and possible ID 0026, but very noisy. W followed w/ presumed ads, then into dinner hour mx, e.g., a stringy version of "My Sweet Lord". Almost straight mx w/ an occasional word by M every 15 minutes or so. Not very good sig to begin with due to QRN and UTE problems began 0055. (Moritz, OH 3-14) +++ R. Cultura, 3365, tentatively 0040-0102; mixture of PT and U.S. pops; e.g., "La Freak" and "YMCA". M&W anncrs, but suspect that W was taped. Diffcult to tell because of QRM. Could not get ID but this is presumed. (Moritz, OH 3-19) +++ Rdf Teresina, 4835, in PT 1005; M w/ long talk, positive ID, ands and local mx. (Stu Klein, FLA 3-6) +++Many reporters wrote in w/ nx that R. Nac. Brasil has returned to SW in EG. Noted on 15280 after 0200 11 March, RNB's boast is called a 90 day test tx. IDed as "R. Nac. of Brasilia, Brasil" and gave "RadioBras" as a network ID. Seeking reports to RadioBras International Correspondence Ser., Box 04-0340, Ed. Venancio 2000, First Floor, 70323 Brasilia, Fed. Dist. Brasil. (Brett Saylor, Dan Morrisseau, Ruth Vollrath, Jim Conrad, Cartwright, Robert Woods, Buras, and tba)

**BULGARIA** Stolnik, 7670 in poss Albanian 0429-0448. IS, \*0430, ID and into lang. Relays RS service. (Cartwright, PA 3-17) +++ Sofia, 11920, in EG 2150-2200; local mx w/ talks by M&W. Weak but audible. (J. Findlater, CAL; 3-11)

**CANADA** CFVW, 6030, in EG 0730-0855 16 and 17 March; pop mx to 0800, nx 0800 w/ ID as "CFCN nx" at 0803. Then back to mx Frequent IDs and TCs. Covered by RJapan carrier at 0855. (Bob Rankin, KS) +++ CFRX, 6070, in EG 2000-2030; pop and county mx, and IDs. (Bob Micciche, NY)

**CHINA** Xining, Qinghai, 6260, is still audible daily around local sunset, 2345-0015. CH talk to 2358, mx and ID at 2359; "Qinghai ren min guangbo dientai." Pips and more talks. This is an unvarying format. Q is pronounced ch, as "chip", E like u in "run." (Bob Rankin, KS) +++ Cland V of Dem Kampuchea, 11600, in lang 1158-1205; anthem, talk, and childrens choir. ID 1204. (Cartwright, PA 3-17)

**CHILE** R. Univ deconcepcion, 6135, in EG 1102; ID by W, requested reports. Then chorus and into SP. (Jack Jones, MISS)

**CLANDESTINE** Per BBCMS tip via Glenn Hauser on RCI, R. Sandino heard on 7587 3-16 2300-0000. Fairly good sigs but UTE QRM on the low side. Talks and mx, IDs as "Aqui R. Sandino. La Voz de 1 Liberacion de Nicaragua, transmitiendo de la ciudad \_\_\_\_\_ (sounds like TELL-ee, but not Esteli) una transmision electronica . . . en la banda internacional de 40 metros. (Berg, MASS)

**COLOMBIA** LV de Caqueta, 5035, in SP 1027; ID and latin pops. (Jones, MISS 3-14)

**ECUADOR** LV del Napo, 3281, in SP 1028; pops, TC and possible ID but too much slop to be sure. (Lobdell, MASS) +++R. Rio Amazonas, 4870, in SP 0217 w/ usual stuff. (Lobdell, MASS)

**ETHIOPIA** VoRE, 7110, in lang 0354-0419; AR type mx, IS march, ID 0400. (Cartwright, PA)

**FR. GUIANA** FR3 Cayenne, 3385, w/ EG pop and FR closing anncmts, NA and off 0303\*. (Lobdell, MA)

**GERMANY (FED REP)** Bayerischer Rundfunk, 6085, in GM 0559; gong, ID and into talks. (Klein, FLA)

**GUENADA** Radio Free Grenada, 15370, at \*2328. Pops, EG nx about revolution, statements, policie kudus. Then international nx, bingo numbers and more pops. (Zilmer, WI) --- RFG also noted on 15105, 2037-2053, w/ cricket comment, Colgate toothpaste ad, ID, and more cricket. Seems like a very quiet revolution to me. (Syd Osterman, ONT) \*\*\*Silencers. tba\*\*\* From Larry Magne via Dave Walcutt comes word that RFG is using 15045 and 15105 during the 2200a-2300a period. tba

**GUATEMALA** TGNA, 3300, in EG 0310; "Back to the Bible". (Vollrath, MO) +++ R. Tesulutlan, 4835, at \*1100, apparently their new s/on time; for those of you who weren't home at 1200, here's your chance to get 'em. (Klein, FLA) +++ R. Nacional, 6180, in SP \*1100. NA by kids' chorus, ID, "TGW, R. Nacional, Emis del Pueblo," and "emis. pilota". Then calls, sites of other stns in the net. (Jones, MISS 3-15)--- R. Nac. also noted 0601-0603\* in SP; TC, chimes, LV del Pueblo ID and NA. Fair. (Lobdell, MASS)

GUYANA Action R., 5950, at \*0745; uninterrupted guitar mx, ID by M, 0755, freqs, m.b.s, then religious talks and mx. (Klein, FLA) --- Action R. also noted 0850 in EG with ID, TC, and a talk on farming and cattle. (Jones, MISS)---Action R. also noted 0812-0835 in EG and some Hindi. Birthday greetings by DJ, Hindi mx and EG pops. TCs and local chatter. Good. (Osterman, ONT 3-21)

HONDURAS R. Lux, 4890, in SP 0139-58; Pop mx, "Musica con la Juventud". 0158\* (Cartwright, PA)

INDONESIA Ujung Pandang, 4719 // 4753, Ambon 4845, and Sorong, 4875, all noted w/ SCI 1159, pips and Jakarta mx. (Klein, FLA) +++ VoI, 11790, in EG, 1418-31, jazz and local mx, M&W annrcs, and ID 1430. (Cartwright, PA)

ISRAEL IBA oncontiously during Kneset debate on peace treaty w/ Egypt. Good sigs on 11635, 15585, and 17630 at 0000. 17640 noted w/ poor sigs to 0002\*. Others to after 0200. (Zilmer, WI)

JAPAN NSB, 3925, in JP 0842-46; W annrc, seeming // weaker 3945. (Cartwright, PA 3-17)

KUWAIT KBS, 21545, \*0500 in EG; pips, ID by W, anthem, px review and EG pops to nx at 0530. Week but clear. (Lobdell, MASS)

LESOTHO LNBS, 4800, weak nu clear at 0426 under usual UTE. Lang talks and ID. (tba)

MALTA IBRA Radio/ Radio Mediterran, 9530, in EG 2109-15\*; religious talk & mx, ID and site to 2115\*. (Vlad Cucura, 3-19)

MEXICO XEU Vera Cruz, in SP 1144 on 6020; first noted 3-18 ranchera mx, many IDs, "XEU de Vera Cruz, Oro". Ads, TCs, too. \*1130 19 March w/ band mx, freq and power, no mention of SW. Listed as 250 w but seems like more. Also \*1130 20 March. (Jones, MISS 3-18) \*\*\*tnx for the call. I

MISCELLANEOUS During geomagnetic storm 3-11, both ZUO and MSF heard of 5000 at 0000-0100, w/ WWV in background. ID and time for ZUO every 5 minutes, but sometimes time only; ID from MSW every 10 minutes. Not SWBC but interesting. (Berg, MASS)

NEW BRITAIN RENB, 3385, in lang 1135; possible ID, island and local mx. Good ID 1145. (Klein, FL)

NEW CALEDONIA FR 3 Noumea, 3355, in FR 1050; pops, talk between M & W // 7170 (Lobdell, MA)

\*\*\* Did you get ID ??? tba

NIGER ORTN, 3260, in FR, 0600-26; excellent w/ ID, nx and local mx. // 5020 (Krueger, FL)

NIGERIA Benin City, 4932, 2238-2305\*; EG talk, vern songs, drums and pop song in EG. Short nx pgm 2300 not // 4990. No mention of FRC at s/off, just Nigeria and Benin. (Osterman, ONT 3-15)

+++ Lagos, 15120, in EG 0730-0800; nx and Afr mx. (Micicche, NY)

NORWAY RN, 17797, in EG 2200; "Norway This Week." (Vollrath, MO)

PAKISTAN RF info via Bob Zilmer: 17765 at 1100-1115\* e/ EG comment. Effective 23 March // 21655. Dictation speed EG. 17640 at \*1327; IS to 1330, lang ID, talk and mx. Fair and // 21485. 21485 at \*1212 w/ IS to 1215, lang talk and mx to 1300. Then at 1327 s/on to 1500 and beyond. Finland came on at 1430 11 March causing usual mess, but RF has moved down 10 kHz, clearing this channel. 21740 NF at \*1327; IS, ID 1330 and lang talk and mx. Poor but // 17640, 21485 (Zilmer, WI)

PERU R. Atlantida, 4790, in SP 0942; ID, TC, pop and Peruvian mx. (Jones, MISS 3-23) +++ R. Tropical, 4935, in SP 1052; ads, ID and many mentions of Tarapoto. (Jones, MISS 3-15) +++ R. Victoria, 6020, in SP 1050; light classical mx w/ interlude of canned Buenos Dias jingle. M w/ ID. (Klein, FL) --- R. Victoria also noted at 1055 3-16 w/ NA, Beethoven theme mx, and ID. (Jones, MISS) +++ R. Cusco, 6195, in SP 1026; ID string of ads, Peruvian mx. (Jones, MISS 3-23)

PHILIPPINES R. Veritas, 11955, in EG 1220; world nx by M, ID as "Radio Veritas Asia", and into lang px for Sri Lanka 1230. (Jones, MISS 3-18)

RHODESIA RBC, 3396, in EG 0410-20; pop mx, accented ads for cigars, etc. (Cartwright, PA) \*\*\* Did you hear ID??? tba

SAUDI ARABIA Riyadh, 4877a, presumed to be the one hrd 0324-0335; M in very nice AR chants to 0330. Then M annrc, prayers and more talks. Strong but not in every night. (Moritz, OH 3-15)

SICILY Caltanissetta, 7175, in IT \*0454-0516; pips, IS, piano mx, muzak. (Cartwright, PA)

SOLOMON IS. SIBS noted on 5020 at 1116 3-18; local mx, pop and C&W tunes, M annrc w/ Australian accent. Also noted on 9545 at 0745 3-21; EG by M mentions of Solomons and Australia Much QRM from DW and VOA. (Osterman, ONT)

SWAZILAND Radio SR, 4980, 2211-2300\* in EG; annrcs, ads, pop mx. Mentioned 1400 kHz at s/off, which might be new MW freq. No sign of Ghana. (Osterman, ONT)

URUGUAY El Espectador, 11835, in SP 0904-08; M in talk, several mentions of El Espectador. (Cartwright, PA 3-17)

USA (PIRATE) PRN Radio, 1620a, at 1015 3-11 taking calls off air on (212) 626-9906 and preparing for big b'cast after midnight. Still promises QSLs, including "low power" cards for those who heard early b'casts. (Berg, MA) +++ VoNorthern Plains, a new pirate, will b'cast on 21510 at 0000 1 April (don't know if GMT or local). VoVenus will appear on same date at 0415 on 6990 or 7460 USB. Received a QSL card from VoVenus the other day. (ED. NOTE: UPDATE does not act as an official QSL outlet or information service for any clandestine b'caster, and publication of this type of information should not be construed as showing my approval of such matters. tba)

VATICAN VR, 21485, in EG 1115-1130 w/ religious nx and comment. Repeated px at 1200. (Zilmer)

VENEZUELA R. Maturin, 5040, in SP \*0900; NA, local anthem, M annrc w/ s/on proceedings and usual YV mx. (Klein) +++ R. Los Andes/1040, 6010, in SP 1052; TC, ads, pops ID. (Jones, MISS)+++ R. Rumbos, 9660, in SP \*0900; NA, ID, calls, freqs, band mx, slogan, TC, and mx. (Jones, MISS)

OOPS: I have inadvertently made to misattributions during the past few issues. I recently attributed information of R. Liberation's Cuban pgm to Stu Klein, who tells me he didn't know anything about it. As I have lost the original source, I'll chalk it up to a reliable informant. Also, on Jim Conrad's recent report of AIR to Nam, I misstated that Jim was sure it was a test. He wasn't and I goofed. Sorry, gentlemen.

73, *Bu*

# log report section

1600-4899



**DAN ROBINSON**

4437 Sedgwick St, N.W.  
Washington, D.C. 20016  
PH: (202) 686-1119

With the warmer weather comes less favorable conditions on the low frequency bands, but we will certainly benefit in the coming months from some excellent loggings from our reporters in Australia. This month, Mike Willis and Geoff

Cosier went on a DXpedition to Point Lonsdale, about 60 miles west of Melbourne, in the land Down Under. We also welcome a new reporter to LR-A, Kevin Meyer at the U.S. Embassy in Lima, Peru. I hope to hear more from Kevin in the coming months. . . Onward.....

\*\*\*\*\* L R A D X S P O T L I G H T \*\*\*\*\*

\* VIETNAM Ha Tuyen 4821: Sign on at 1130 on 1/13, and hrd past 1340, but not at 1400; still there 1/27 (Willis, Foster-AUS)

\* COLOMBIA Radio Tamboral 4835: 0145-0210\* SP; ballads and accordion music, IDs frequently as "... on Radio Tamboral..." Drum music at 0200, full ID 0205, sign off following NA (Pappas 2/13)

\* INDONESIA RRI Wamena 4865: Hrd at 1000 with Jayapura rx at fair level; no sign of Brunel on the 10th of January (Willis, Foster-AUS)

\* HONDURAS Radio Lux 4890: 0130-0142 SP, mainly disco, ID&TC "Radio Lux de Honduras" ... Several mentions of Olanchito; gone when I returned at 0204 (McVicar 2/27)

1625 USA PIRATES: WKEG, New York 1000-1103\* DJ named Kevin taking calls on loop; called stn and found that he knew Larry and WFAT, but wasn't connected with it; said was on the air because he felt like it (Saylor) What time was this???--DR/You say "that night" in report..DR PRN RADIO, location announced as "central Mass.." during tests; phone checks out to be Worcester, Mass; hrd 2/10, 17, 18, 26 with hosts Admiral Jolly Roger and Mr. Electricity...WLTE New York City, 0740-0900 w/pops and a few IDs...on 2/25 WFAT 0551 w/McCrea hosting phone-in... WGR 0530\* on 2/11 with full ID (McVicar all of above, Saylor rpts WFAT, WGR, PRN, Peck rpts WFAT on 2/8)

1708H PERU Radio Nacional: Hrd at 1700, 2 x 854, tlk and ID (Meyer-PERU 2/19)

1760H PERU Radio Union: Hrd at 1623, ID, some QRM (Meyer-PERU 2/19)

1920H PERU Radio Panamericana: At 1620, 2 x 960, many IDs, fair QSA (Meyer-PERU 2/19)

\*\*\*\*\*

2200H NICARAGUA La Lider: 0250 SP, LA mx, marimba mx, 2 x 1100 (Prath 2/4); Often clear and very readable signal, ancmts by M, MORish mx, clear IDs; much better than stns on 2390 and they're supposed to be SW; harmonics of this magnitude and duration surely must be intentional (Robins 2/13)

2310 BRAZIL R. Progreso: Very nice signal from 0010 until stopped checking past 0145 w/Brazilian pop mx, ID 0107 by M in PT for Progreso (Henderson)

2320H PERU R. Once Sesenta: 1550 w/ID, 2 x 1160 (Meyer-PERU 2/19)

2379 UNID: Definitely PT singer at 0110 and with M also in PT; probably Brazilian but who? fade and flutter made only ID hrd difficult; nice ad 0109 (Henderson)

2390 MEXICO R. Huayacocotla: 0203 ID, call, fgy, said would be back at 3pm Manana, cont'd in guitar mx and vocals (Jones 3/8) 30 db on R390A meter w/LA mx 0105 (Henderson) 0138 w/SP tlk (Valko) 0048 w/ID (George 3/5)

2490 BRAZIL R Educ Rural: Nice Brazilian mx, PT vocals by W group 0112; 30 db on 390A meter which is very stingy (Henderson)

2492 BALI & LESSER SUNDAS RRI Mataram: 1150 //3223 and up from 2490; good level on Jan 10 (Willis, Foster-AUS)

2600h USA WKCY: 1203 w/mx and weather, 2nd harmonic of 1300 (Koelble 2/13)

2715 UNID: 1210 SP, fast excited tlk, seemed to be sports event; only known possible is 3 x 905 El Salvador (G. Sherman 2/17) Was it a broadcast stn or some kind of two-way operation??DR

2850 NO KOREA Pyongyang: 1254 in KR, soprano w/chorus; theme 1259, pips 1300, into tlk by M (Poppin 2/15)

2910H USA WDAY: 1200 w/rock mx, fair sigs, is Fargo, ND (G. Sherman 2/17)

3015 NO KOREA Pyongyang: 1302, M in tlk, ment "R Pyongyang..." (Pppin 2/15)

3200 CHINA Fuzhou: 1145 CH W w/tlk and Ch mx //3400 and 4380 (Cucura 2/11)

- 3200 SWAZILAND TWR: 0322-0345 in lang, gospel mx, W in tlk, IS/ID 0345(Rankin 1/26)
- 3205 BRAZIL R Riberao Preto: 0028 W/ads; only other stn hrd in 90 mb at times was TGNA (Field 3/9)
- 3215 SULAWESI RRI Menado: 1200 IN, W ancr w/clear ment of Menado, then rx //4875 with strong signals (G Sherman 2/17)
- 3225 VENEZUELA R Occidente: 1100, loud lvl w/LA mx, IDs (Nikolich 2/13) 0127-0140 W/ID and mx (Moritz 3/2) 1007-1012 SP, apparent s/on ancomt; mention of Venezuela, ID, apparent call letters, tlk by MEW (Cunningham 2/22) 0131 ID, TC, disco(Jones)
- 3225 SUMATRA RRI Tanjung Pinang: 1329 M w/mx followed by band mx, chorus w/fast version of presumed NA...W w/ID 1331 (Poppin 2/15)
- 3241 INDONESIA UNID: 1217 IN, RRI rx //3215 but forgot to check 4845 & 5260 to hear which one (G Sherman 2/17) Ambon 3241 rptd off by 1400...DR
- 3255 VENEZUELA LV del Tigre: 1010 ID, calls, fags, YV mx (Jones 2/19)
- 3260 UNID: 0420-0440 w/slow bell IS to 0430, drums to 0440, then bell IS and abrupt s/off--Niamey testing?(Rankin 1/26) No...more likely one of those strange number stns common to 90mb with bell IS and the like. Everyone should be sure not to mistake these stns for legitimate broadcast stns...DR
- 3262a ECUADOR R. Triunfo: Tent 1104-1118 SP, Andean flute mx, M ancr with references to Ecuador and Santo Domingo, nasty UTE (Cunningham 2/26) 1045 continuous Ecuadorian mx, IDs few and far between; 98% sure of ID (Jones 2/13)
- 3265 ECUADOR R. Triunfo: 1100-1130 SP tlk by M, VG daily this time; good to see they moved up a couple kHz; Carrizal 3260 seems not on yet at 1100 (G Sherman)
- 3265 SUMATRA RRI Bengkulu: 1317 IN, M in tlk, presumed RRI mx //4753; 5 rptd of kcl IDs here during 1978 and none for Gorontalo in FRENEX (G Sherman 2/17) Gorontalo was on 3268 in Jan, then back to 3265, now I'm not sure...DR
- 3265 UNID: 0556 Church bell IS, into GM numbers(McVicar) Again, a number stn as aboveDR
- 3270 CHINA RP: 1403 EG lang rx by W, ID, rx contd (Poppin 2/4)
- 3275 PAPUA NEW GUINEA R So Highalands: 1240 EG, Top 40 mx (G Sherman 2/17)
- 3275 SWAZILAND TWR: 0325-0345 in lang, religious tlk and rel mx, 0330 ID(Cucura 2/12)
- 3280 ECUADOR LV del Napo: 1040 ID, TC, tlk, LA pop mx (Jones 2/15)
- 3285 BELIZE RB: \*1100 EG, prayer for Belize, NA, ID, into rx and mx(Klein 2/19)
- 3285 BRAZIL R Olinda: 0250-0310 PT vocals by M, 0255 short pips, M ancr with Radio Olinda ID (Moritz 3/2)
- 3315 ECUADOR R Pastaza: \*1050 continuous mx, ID 1057 followed by NA..."Buenas dias provincias de la patria, buenas dias Ecuador" into "musica nacional de Ecuador" (Jones 2/15)
- 3315T BRAZIL R Asuncao: 0033 w/mx pgm to fade out 0105; maybe ID 0045, P (Field 3/2)
- 3322 PAPUA NEW GUINEA R No Solomons: 1030-1041 Pidgin, M with tlk and island mx (Cucura 2/16)
- 3325 GUATEMALA R Maya de Barillas: 0239-0301 SP, LA mx by chorus, guitar and accordion, ID as "Radio Maya (Brouillette 1/31) 1130 SP, low-key tlks, soft LA mx, ID as Radio Maya(Cunningham 2/10) 1153 (DW Johnson 2/10)
- 3338 MOZAMBIQUE RM: 0345 PT ancomts by M, choral mx (Robins)
- 3340 ECUADOR R Tropical: 1123 ID, LA pops (Jones 2/17)
- 3345 ANGOLA Em Reg Huambo: 2231-2246 w/M in PT tlk, ments of Angola(Moritz 3/1)
- 3350 GHANA GBC: 0533 in vernacular, hymn sung by children's choir//4915(Peck 2/12)
- 3355 VENEZUELA Radio Impacto: 0450 tlk in SP (Peck 2/8) 0510 SP, 0530 ID, ads and address, NA (Cucura 2/8)
- 3356 BOTSWANA RB: 0401 M w/tlk in Setswana //4845; followed by African choral mx and M tlk about Parliament in vernacular; F/G better than 4845 for a change (Robins 2/26) Nice to hear from you Andy...DR
- 3360 GUATEMALA LV de Nahuala: 0115 SP, mx by male chorus, typical LA mx, ID, tlk (McCants 2/16) 0320 LA mx, IDs (F Osterman 1/12)1105 w/marimba (Klein 2/19) 0344 SP tlk, very little marimba mx (Rieini 2/9)1126 Indian lang/SP tlk by M w/marimba mx, ID "R La Voz de Nahuala..." (Cunningham 2/26)
- 3365 IRIAN JAYA RRI Sorong: This and Jakarta on 4805 have been inactive in our lol evenings, i.e. 1000 to 1500 (Willis-Foster-AUSTRALIA) Thanks for the note...DR
- 3366 GHANA GBC: 0551 folk tune, tlk by M, Carpenters mx (Lobdell 2/27)
- 3367 INDONESIA UNID: 1230 M in tlk, weak on superb Indo morning; Angkatan Udara rptd WCNA 3 yrs ago but is anything else on this freq?(G Sherman 2/17)
- 3375 ANGOLA RN: \*0400 IS on vibraphone, NA, PT ID by W:"De Luanda fala Radio Nacional de Angola..." P/F (Robins 2/26) 0430 W in tlk, ID 0430 (Saylor) 2233 w/march mx, good signals, ID for Radio Nacional de Angola (Henderson)
- \*3377.2 JAPAN NHK-Osaka: 1246 JP, M in tlk, W with NHK ID 1300 and time pips(Johnson)
- 3380 MALAWI MBC: Blantyre 0335 M in vern w/mention of date in EG, VG signal and nearly armchair lvl (Robins 2/26)
- 3380 GUATEMALA R Iris: 0030 w/musical pgm, ID as "Radio E. ." at 0100; stronger than TGNA, only other stn hrd in band (Field 3/7)
- 3380 GUATEMALA R Chortis: \*1059 SP, drum and flute mx IS, ID ment Guatemala, into LA mx; s/on varies \*1050 to \*1059(Cunningham 2/12) \*1056(Lobdell) 1050(Klein)

- 3385 PAPUA NEW GUINEA R East New Britain: 0750 in lang, pop mx (Moon 2/19) 1145 w/drum, native tlk by M, choral singing, P (Lobdell 2/14) 1105 Pidgin/EG w/ID 1115 (Cucura 2/16) 1259 in Pidgin, closing anct and NA (Poppin 2/18)
- 3385 SARAWAK Miri: Malay dialect 1456, 1458 ID by OM, 1459 NA, off 1500 (Poppin 2/24)
- 3385 FR GUTANA Cayenne: 0357 FR, mention of Cayenne at 0359, IM 0359 (Blumberg)
- 3390 ECUADOR R Zaracay: 1117 SP M in tlk, ID (G Sherman 3/7) 0430 (Jordan 2/25) 1042 SF, LA vocal mx, TC, ID at 1045, F (Cunningham 3/5)
- 3395 VENEZUELA R Universidad: 1025 SP, mx and anct, ID (Tannerwald 2/28) 0420 w/LA mx (Jordan 2/25) 1049 w/ID, TCs, YV mx (Jones 2/21) 0315-0355\* (Brouillette 1/31)
- 3396 ROOESIA REC: 0410 EG, Nx by British accented OM, , YV QRM (Saylor) 0400 in EG mx (Nikolich 2/26) 0355 w/devotional pgm by M, the usual (Robins 2/26)
- 3425 NEPAL Radio Nepal: 1450-1522 English/Nepali lcl flute and oestral mx, tlk with much UTE QRM (Pitts) 1444-1502; 1450 W with "This is Radio Nepal..." fol by mention of His Majesty the King..construction..Cambodia...Japanese gov't; 1454 W "This is Radio Nepal with the news (Poppin 2/4)
- 3427 IRIAN JAYA RRI Manokwari: 1232-1309 IN, RRI Jakarta mx //others, strong sigs; NEPAL barely separable (G Sherman 2/17)
- 3480 BOLIVIA Radio Padilla: 0141-0212 mixed bag of mx straight thru to 0210, when M and W alternating in SP TLK; mx mostly uptempo and pops stuff; no ID hrd but 99% sure (Horitz 3/2) Best reception I've had of them was in middle of July...my \$4.00 rpt to them has never been answered...DR
- 3552 PERU Radio Difusora La Convencion: 0150, good QSA, only 1 ID (Meyer-PERU 2/19) Only one ID!! I'll take that anytime! Thanks for the rpt, Kevin...DR
- 3839 NO KOREA Pyongyang: 1414-1421 EG lang comments by W (Poppin 2/4)
- 3905 ADMIRALTY IS R Manus: 1056-1209 Pidgin/EG ID 1101 as Radio Manus, mx after ID, religious pgm at 1200, QRM de AROs (Valko 2/16)
- 3910 JAPAN FEN: 1345 EG, old rock mx, G (G Sherman 2/17) 1045 pop mx, (Moon 2/18)
- 3925 JAPAN NSB: 0700 M/W in tlk //3945, 6055, 6115, 9595 (Brookwell 2/4)
- 3945T NEW BRIDES R Vila: 0945 EG, tlks by W in EG, few songs, ARO QRM (Saylor) No ID? Mark it TENT...thanks..DR
- 3970 GT BRITAIN BBC: 0450 EG, M w/stock prices, ID and mx 0500 (Cunningham 2/17)
- 3985 SWITZERLAND SRI: 0715 good lvl, EG mx by M (Nikolich 2/9) 0700//6165,9535, 15305, not audible on aned 21520 (Saylor 2/3)
- 3995 USSR Nikolaevsk Na Amure: 1339 RS tlk and orchestral mx (Poppin 2/15)
- 4000T SULAWESI RRI Kendari: 1400 IN, no SCI, into presumed mx but not // RRI net; have seen this rptd w/lcl mx before; lately Padang rptd on 4002/3 and what ever happened to Tanjungkarang formerly on 4003; trace of something on 4002½ same time (G Sherman 2/17)
- 4002 SUMATRA RRI Padang: 1535-1554 IN, M vocalist w/subcont mx to 1540; cheko at 1551 reveals voiced OM w/nx bulletins Indo lang...1554 ID, repeats "Padang" (Poppin 2/9)
- 4030 USSR Anadyr: RS lang 1350, 1359 "Moscow Nights" Chime, pips (Poppin 2/13)
- 4040 USSR Vladivostok: 1205 RS, tlks by W, opera-type singing (Saylor 2/28)
- 4077 MONGOLIA RUB: Hrd again at 1230, Mongolian tlks, F (Willis,Foster-AUS 1/14)
- 4109 KOREA! Voice of Revolutionary Party for Reunification IDs as "This is the Radio Voice of the Rev Pty for Reun, Seoul, South Korea..." followed by theme mx, noted 1404 on 2/15; were we wrong in assuming this located in No Korea or is this old news?!(Poppin 2/15,3/4) Radio Liberation always IDed as being in S Vietnam...DR
- 4271 NO KOREA Kangye: 1215 KR, M in tlk and male choral mx (DW Johnson 2/10) 1322 w/singing and KR tlk (Poppin 2/10)
- 4280 UNID: Possibly Vietnamese stn hrd here at F lvl, often under carrier, from 1330 to 1400 on 1/12; has not, however, been noted after 1/15 (Willis, Foster-AUS)
- 4322 UNID: Asian stn sometimes located here, seemingly in KR; 1310-1435 on 1/12; not // Pyongyang HS (Willis,Foster-AUS)
- 4330 CHINA Fuzhou: 1154 CH, opera mx and tlk (Cucura 2/11)
- 4485 ASIATIC SSR Petropavlovsk: 1210 in RS tlk by M&N, opera mx (Saylor)
- 4635 TADZHIK SSR Dushanbe: 2340 just beginning to fade in w/snatches of opera mx; (Robins 2/12)
- 4654vT LAOS :1440-1510 Houa Phan in Laotian tlk by W, no def ID (Pitts (Pitts 3/4) 1035 to 1430 s/off on 1/12,1/15, but s/off 1157 on 1/13 (Willis,Foster)
- 4677vT VIETNAM Binh Tri Thien: Back here (presume this is location); hrd fm 1135-1430 s/off on 1/12, but s/off was 1300 on 1/13; on 1/17 hrd at 1430 and still at 1500, so a very variable sked (Willis,Foster)
- 4698.9 JAVA RRIK Surabaya: 2210 w/man in Indo sounding tlk; fade pattern fits U/P signal, but no ID hrd so TENT (Henderson)
- 4719 CELEBES RRI Ujung Pandang: 1330\* when // 4753 which went on to 1520\* (Willis, Foster 1/10) 1145 IN, W in tlk, IN mx (Saylor 2/28)
- 4749T ZAIRE Lubumbashi: TENT here 0415 just prior to Bertoua carrier on with Highlite mx; they seemed to have slipped down 1 kHz, just marginal signal, especially with Cameroon signal there also (Henderson) I'm not sure they're there at all...DB

- 4753 SULAWESI RRI Ujung Pandang: 1325 M&W in tlk, ID 1345 (Moon 2/25) 1225 IN, EZ pop instrumental mx, M DJ, M tlk (DW Johnson 2/10) 2207 LP w/good signal, very nice Indo ID for the program Warta Berita Jakarta (Henderson 2/11) 1512-1600\* mx and IN mx, ID and anthem at 1600 (Clifford 1/27)
- 4755 COLOMBIA Em Nuevo Mundo: 0509 w/CARACOL ID (Poppin 2/14) 1015 (McVicar)
- 4757 LAOS Xieng Khouang: 1035 to 1400\*, but on 1/12 and 1/15 1330\*; China on 4759 causing problems (Willis-Foster)
- 4759 UNID: 0409-0430 PT tlk by M, 0420 slow mx and US pops with vocals; Who?(Rankin)
- 4762 MONGOLIA RUB: Hrd here again with lcl HS 1125 on 1/14, 1200 on 1/15(Willis-Fos)
- 4770 VIETNAM Son La: 1025-1225\* and then s/on 1300 to 1400\* on 1/15; still there on 1200 an 1/17 (Willis-Foster) Are we sure this is Son La...I have good tape of it and the IS sure sounds like No Korea...DR...as following log indicates, are they both there!!!
- 4770 NO KOREA Pyongyang: 1155-1210 in Asian lang; carrier, then IS as on FS but w/o IDs; long orchestral song 1203(not anthem, as they play on FS); pgm of orch mx followed by W hosting (McVicar 2/5)
- 4770 LIBERIA EIWA: 2220 EG, Youth in Action Pgm, religious pgm also (Waite 2/10)
- 4775 AFGHANISTAN Kabul: 1503-1532 in lang, M with mx, subcont mx; mentions of Kabul (Poppin 2/4) 1310 in Urdu, mx by W, lcl mx (Goss 2/4) 1327 in lang, M&W in tlk, ref to Afghanistan and "Kabul Radio" (Schumacher 2/23) 0130-0215 Pushto M with Koran type reading; 0205-0215 sitar mx, lost to Bolivar QRM; hrd daily this week of Feb this time (Hoffman 2/22) 0203 Pushto M&W in tlk, songs--thanks to Jim Young (Brookwall 1/21) Dari, by the way, is merely Farsi, Afghan style--DR
- 4775 BRAZIL R Cultura de Sergipe: 0830-0900 PT, pops, ancmts, ads, TCs (McVicar 2/10)
- 4780 HONDURAS R Juticalpa: 1205 SP, ranchero mx, M announcing lcl events, clear IDs and ment Juticalpa; only 500w (Higgins 1/15) 1121, IDs and tlk by M(McVicar)
- \*4785 PERU R Coop Satipo: 1153 with good QSA, some QRN, ID (Meyer--PERU 2/20)
- 4785 BRAZIL R Ribamar: 0835-0901 PT, M w/ancmts, big ID 0900(McVicar) 0915(Field)
- 4785 COLOMBIA Ecos del Combeima: 0905 ID, plug for SUPER net, campo mx (Jones 2/26)
- 4785 AFGHANISTAN SSR Baku: \*0159 IS, 8 minute choral anthem by W, then tlk in lang by OM, P (Lobdell 2/27) 0207 w/RS and State anthems (McVicar 2/27) 0231 RS, IS, NA, light mx, some tlk, maybe ID 0301 (Valko 2/19)
- 4785 CHINA Zhejiang: 1053 CH vocals and tlk (Cucura 2/11) 4787 hrd 1330 with long tlk, up from 4785 this day (Willis 1/22)
- 4789 IRIAN JAYA RRI Fak Fak: 1259 with SCI, F/G (G Sherman 2/17) 1235 M in IN tlk, weak with UTE QRM (DW Johnson) 1215 IN, warta berita //4719,4753,4845,4875(Klein)
- 4790 ANGOLA R Nacional: \*0430 in FR, ID as "Radio Nacional de Angola...", lcl mx with commentary (Jordan 1/24) In French????...DR... perhaps it is my own area, but I've never hrd them on this freq...DR
- 4790 PERU R Atlantida: 1025-1035 SP, frequent IDs, Pepsi ad, LA mx (Cunningham 2/19) 0447 SP with orch mx, SP tlk (Radcliff 2/3) 0116 (Meyer)
- 4795T BRAZIL UNID: Probably R Tabajara hrd here at fair lvl 0833 on 1/27 (Willis,Cosier)
- 47962 BOLIVIA R Nueva America: 1045 SP M in tlk, fairly regular here but IDs rarely understood if given (G Sherman 3/7)
- 4800v ECUADOR R Pop: 0425 w/nice folk mx, M with ID 0426 (Moritz 3/12) From 0510 with ID as Radio Popular Independiente each time(Field) Aren't they a bit high..?DR
- 4800 LESOTHO Maseru: 0415 in vern, presumed Sesotho, EG soul; fair with 4801 het; was off air several months (G Sherman) Now back and strong sigs nightly...DR
- 4801 ECUADOR R Popular: 0530 SP, Andean mx, ID (Saylor 2/25)
- 4805 BRAZIL Rdfif do Amazonas: Manaus 0015 with breathless PT pgm by M with frequent mentions of Manaus, F (Robins 2/13)
- 4807 SAO TOME E PRINCIPE R Nacional: 0605 PT, M with what sounded like pol comment, drums 0606, then African pops (McVicar) 2215 w/mx (Robins 2/12) 2303\*(Nikolich)
- 4810 SOUTH AFRICA SAB: 0230-0400 EG/AK pop mx, ads, wx--excellent sigs as of late (Klein, Thompson, McCants, Higgins, Moon, Clifford)
- 4815 COLOMBIA R Guatapuri: 0456 SP, caught at s/off ID by M ancr(Clifford 1/25) 0018 dateline SP mx by M, frequent mentions of Colombia (Robins 2/13)
- 4815 UPPER VOLTA RTV: 0645 FR, M ancr with ID and tlks, lcl mx (Klein 2/12)
- 4815T BRAZIL Rdfif Londrina: 0907-0915 in PT, M w/tlks and pops; only Brazilian listed under 4815 in WRTH; only 500 watts though, and in far south of country, so I'm a bit doubtful that it's Londrina; 2/10 a good Brazilian AM (McVicar)
- 4820 ECUADOR R Paz y Bien: Ambato 0937-0941 SP, Andean pop mx, M slowly ancing next song; some more Andean pop; good way to ID this stn is the way the ancr often does lengthy TCs "Las cuatro de la manana, y treinta y siete minutos...."(McVicar) 1200 (Meyer) \*0930 NA, ID, TCs, Ecuadorian mx (Jones 3/5)
- 4820 HONDURAS HRVC: 0100 EG (Johns) 0430-0500\* religious pgm, ID (Kissane) 0400\* EG (McCants) 1100 SP, full ID 1056 (Prath 1/7)
- 4823 BOLIVIA R Grigotas: 0125-0201\* with mostly SP pops and rock selections; M every 15 minutes, ID 0146, bad modulation (Moritz 3/12)
- 4825 BRAZIL R Educadora Branganca: 0905-0920 PT, pop mx, IDs, ants; signal ranged from poor to very good (McVicar 2/10)

- 4825 GUATEMALA Radio Mam: 0030 full SP ID by child.. "TGMN Radio Mam" "La Palabra de Dios," "Vocabulario," etc, G (Robins 2/13) 0205 SF tlks (Thompson)
- 4835 GUATEMALA Radio Tezulutlan: 0045 SP, LA vocals and marimba mx, several IDs much stronger than Reloj this night!(Cunningham 2/17) 0145 "Radio Tez desde Coban..." (Rankin 3/4) 1050 with lcl mx and ID (Klein 3/2) 0140 marimba mx, many IDs (Thompson 2/28) 0125(Blumberg) 0040 nice marimba mx, not as good as Mam (Robins 2/13) 1045 (Radliff) 1108 SF/Indian IDs, marimba; on 1 hour earlier than usual (Lobdell 3/1)
- 4840 VENEZUELA R Valera: 0413 SP, ID, SP "Blue Suede Shoes," (Cunningham) 0041(Robins)
- 4845 BOZSWANA RB: 0350 with IS, ID in EG by W (Peck 2/11) 0358 IS, ID(Ottaway 2/16)
- 4843 CONGO Ft Noire: 0531 with FR mx by M (Henderson 2/11)
- 4850 SURINAM SRS: 0320 EG/DT ID as Super Radio (Reini 2/7) 0350 wrock and LA mx (Brouillette 2/25) 0345\* with rock mx, EG DJ "Super Radio Station.." (Higgins) 0835 Asian or Mid Eastern sounding mx w/chants (Jordan) 0912 W ancor with distinct Cuban style, one song in EG sounded like "Habana Candy" (Jones 2/27) This is Hindi programming in the AM, not simply Asian or Mideastern, but stems from the subcontinental influence in Surinam...DR
- 4850 ECUADOR R Luz y Vida: 1101-1136 Church Service, 1126 Andean mx, then M saying "Radio Luz y Vida presenta"; Signal clear and good 2/5(McVicar)1028 (Lobdell)
- 4851 ECUADOR R Luz y Vida: 1031 w/ads for Banco Ecuatoriana, religious mx and an ID by M: "Radio Luz y Vida, la primera voz de las emisoras catolicas"(Robins 3/2) 1125 SP ID (G Sherman)
- 4855 BRASIL RC Par: 0835 w/mx and ancmts in PT (Willis,Cosier) 0233 PT, Brazilian vocal mx, IDs as "Radio Clube.." (Cunningham 2/26) 0415 w/disco (Clifford) 0812 with IDs and Brazilian mx (Cucura 2/17) 0300(Higgins) 0100 ID (Poppin 2/10)
- 4860 PERU R Chinochaycocha: 0937 SP, "Musica Azteca" pgm, full ID 1024, then "Happy Birthday" in EG w/mention of Ano Internacional de Nino(Int'l Year of the Child); also hrd happy birthday on R Loreto (Lobdell 3/1) 0600 w/Happy Birthday(Moon); Happy Birthday at 0907(Jones)
- 4860 USSR RM: NA svc 2315 with severe QRM (Overcamp 3/4)
- 4865 RUMBI Berkas: 1236 Malay, M in tlk to 1237, EZ mx (Dw Johnson) 1344 w/mx(Poppin)
- 4870 HENIN LVR: 2240-2301\* FR, mx, ID,(Sandborn 2/13) 2302\* (Cucura) 0610 (Klein)
- 4870 ECUADOR Radio Rio Amazonas: 1107 SP, NA; two minutes of drums beating, W with opening ancmts, into guitar mx (McVicar)
- 4875 TRIAN JAYA RRI Sorong: 1345 IN, instrumental mx, ID 1358 to 1359\*(Clifford) 1315 M in IN, //4719,4753 and 4845(Nikolich 2/14) 1240 (moon) 1300ID (Waite)
- 4875 COLOMBIA R Super de Medellin: 0737 ID, TC, pop mx(Jones) 0303 (Reini 2/7) 0438 pop mx, clear ID (Blumberg 2/19)
- 4880 SOUTH AFRICA SABC: 0400 AK, mx and tlk; blasting thru tonight(Higgins 1/27)
- 4880 VENEZUELA R Universel: 0330 SP, LA mx, IDs, and tlk(Thompson) 0205 (Jordan) \*0956 w/NA, tape broke twice during rendition, ID, calls, fgys, YV mx (Jones)
- 4885 PERU R Huancavelica: 1333 fair QSA, huayno mx, ID (Meyer-PERU 2/20)
- 4885 SUMATRA RRI Bukittinggi: IN 1510, OM w/mx, ments of "berita Jakarta"(Poppin 2/10) This should be 4884, not 4885....sorry for the typo!R
- 4890 HONDURAS R Luxa: 0145-0200\* SP, M ancor with disco and pops, lcl mx, IDs, s/off (Jordan 1/25) 0200\* ID, call after pgm of disco, muy buenos noches (Jones 2/18)
- 4890 SENEGAL Dakar: \*0600 FR IDs, NA, AR chants (Klein) 0630 w/chants (Saylor)
- 4890 PAPUA NEW GUINEA NBC: 0730-1315 EG w/pops and usual stuff, ads, National Svc IDs (Goes,Willson,Saylor,G Jordan,Miller Jr,Klein)
- 4895 MOZAMBIQUE RM: Beira 0400-0415 w/M in what seemed like PT tlk, short mx bits, then drums later on, vern tlk (Moritz 3/12) Booming here as of late...!R

And my usual missorts.....

- 3286 PHILIPPINES PRS: EG tlk about travel tours, good lvl 1227 (Willis 1/17)
- 3294.5 BONENCO RRI Samarinda: 1315 IN, M w/RRI mx //3215 etc; at 1320 vocal mx(G Sherman) 1216-1302 IN, tlk and mx, ID, Jakarta relay (Pitts 2/19)
- 4835 BRASIL R Nac Boa Vista: \*0900-0915 PT, male ancor w/intro "Radio Nacional presente..." followed by LA mx and ancmts (Jordan 1/22) TENT Teresina 1005 w/poss ID (Klein) Boa Vista rptd rather frequently as of late...!R
- 4835 SARAWAK Kuching: 1436 M in comment, 1439 W ID"Radio Malaysia Kuching" and "Radio and Television Malaysia, Kuching..." (Poppin 2/4)

73ssssssssss DAN

# log report

section

4900-6199

# B

## STEVEN WISEBLOOD

- 4900 VENEZUELA R. Juventud: 0115-0320 U.S. pop mx, SP anmts & ID's (Thompson, Jordan, Tannenwald). \*0956 M in SP w/anmts "Somos R. Juventud", frequencies... (Klein 3/5).
- 4901a ECUADOR LV de Saquisilí: 1116 Ecuadorian mx, nice ID @ 1117 w/mention of R.Libertador into SP talk w/background mx, maybe a devotional? Juventud not on (Jones-MS 2/28).
- 4902 SRI LANKA SLBC: Heard on 1/12, a full moon day w/chanting by a M (Kuznecovs/TDXN-105)
- 4905 CHINA RP: 2257 W in CH w/talk. Fair (Nikolich 2/26). Good skew path reception -ScW
- 4906 ANGOLA RNA: \*0459 w/presumed MPLA anthem, ID @ 0504, M in PT w/opening anmts & frequencies. Started on 4908 & settled here. Fair-Poor (Blumberg 2/19).
- 4908 CAMBODIA Phnom Penh: This station went off the air on 8<sup>th</sup> January, just 90 minutes before the Viet backed troops entered the city. It returned to the air on 22nd Jan when it was heard with speech and some mx @ 1250 to 1307\* s/off. (Willis-AUSTRALIA).
- 4910 GUINEA Conakry: 0400-0720 M & W in FR w/talk, lcl mx & chants (Lobdell, Cucura, Nikolich)
- 4910 ECUADOR Emis Gran Colombia: 0530-0545 SP talk & ID's between Ecuadorian pop & folk mx. Fair (Lobdell-MA 2/27, Cucura-PA 2/27).
- 4910.8 ZAMBIA RZ-Lusaka: \*0345-0435 Eagle Cry IS, local mx & tik by a M&W in vernaculars, local afro pop mx thru severe het (Nikolich 3/6, Goss). (2/11 Henderson-MD/)
- 4915 KENYA VOK-Nairobi: 0320-0425 continuous talk by M in Swahili. Exc (Poppin 2/10, /)
- 4915 GHANA GBC: 2235 Local afro mx, EG nx @ 2245 by W, ID (Koelble). 0535-0615 EG nx & Afro mx w/drums & chanting, ID's (Goss, Klein).
- 4915 CHINA Nanning: 1213-1313 CH talk by M&W, oriental CH mx (Cucura, Nikolich)
- 4920 AUSTRALIA ABC-Brisbane: 0915 EG ID, nx, long mx interview (Ethen 2/16).
- 4920 ECUADOR R. Quito: 0500\* Andean flute mx, ID @ 0500, then s/off (Higgins 2/24).
- 4920 HONDURAS R. Progreso: 0145-0200 SP pop mx w/ID's between songs (Cunningham 2/19).
- 4925 COLOMBIA Em Meridiano 70: 2345-0240 LA mx & SP anmts (Cunningham, Tannenwald).
- 4925 BRAZIL UnID: 2345-0005 FT talk by M, light mx. Fading signal w/het (Rankin-KS 2/28).
- 4927 SUMATRA RRI Jambi: 1524 Indo vocals & orchestral mx, ID by W @ 1530 (Poppin 2/10).
- 4934 KENYA VOK: \*0256 flute IS, opening anmts in Swahili, local East African mx with the bass violin (Cello -ScW?) & orchestral mx (Saylor, Henderson-MD, Poppin, Pitts).
- 4940 VENEZUELA R. Yaracuy: 0010 SP anmts & LA pop-rock mx (Tannenwald 2/25).
- 4940 KIRGHIZ SSR R. Frunze: \*0300-0515 EZ listening piano & accordion mx, chime IS, M in RS w/nx, ID as "Govgrit-Frunze" (Klein, Saylor, Overcamp, Nikolich).
- 4943.7 VIETNAM VOV-Hanoi: 2218 lite mx & very fluttery signal (Henderson-MD). 2325 VT talk by M&W, little mx. Fair w/het (Robbins 2/12). Henderson reported this as a tentative Angolan, but based on the time of day and frequency I tend to believe this is Vietnam, via skew path over the North-Pole -ScW
- 4950 VENEZUELA R. Coro: 0350-0400\* SP talk w/mentions of Venezuela, EZ listening mx, M in SP w/ID at 0358 as "R. Coro". Fair-Good (Jordan 2/2). Good! -ScW
- 4950 SARAWAK RM-Kuching: 1228-1300 pop mx & CH talk. Poor (Nikolich 2/19). 1316-1540 Disco mx, W ancr w/anmts, EG nx & some C&W mx (DW Johnson, Clifford, Poppin, Ethen).
- 4951 PERU R. Madre de Dios: 0110 SP birthday pgm thru some QRM (?? -Peru)
- 4955 PERU R. Cultural Amata: 1101 heard w/carrier & vary faint talking by M. Very poor on 2/10 (R. McVicar) 1405 SP talk & musical pgm, ID. Good (?? -Peru).
- 4960 ECUADOR R. Fed: \*1103 S/on w/NA, into primitive sounding indian mx, followed by SP talk & Ecuadorian mx. No ID heard (Jones-MS 3/9, R. McVicar 2/23).
- 4965 HONDURAS HROY-Landia: 1110-1120 Early morning campesino & ranchera mx, laid-back sounding ancr, many ads, TC's (Jones-MS 3/9, Robins 3/2).
- 4965 COLOMBIA R. Santa Fe-Bogotá: 0615+ ID's, TC's & LA mx (Cunningham 2/17).
- 4968 SRI LANKA SLBC-Colombo: 1546 subcontinental mx by M vocalist, W ancr (Poppin 2/10).
- 4970 VENEZUELA R. Rumbos: 0420-0500 Current U.S. pop & disco mx, ID's & SP talk (Jordan).
- 4970 SABAH RM-Kota Kinabalu: 1516 island mx w/W vocalist, ID @ 1530 (Poppin 2/24).
- 4975 COLOMBIA Ondas del Ortegaza: 0220-0225 LA ballads, ID's, booming signals with the usual UTE absent tonight (Cunningham 2/22).
- 4980 SWAZILAND SCR: 0415 Cigarette & Coke ads, M ancr w/accnt, pop mx (Hans Johnson).
- 4985 BRAZIL R. Brasil Central: 2310-2345 PT talk by M, Brazilian pop mx (Rankin-KS 2/28). 9550-0715 U.S. pop mx & Brazilian pops, ID's & PT anmts (Poppin-CA, Jordan)..(Jordan/)
- 4990 SOUTH AFRICA R. RSA: 0400-0430 EG to East Africa, ID, nx & cmtry (Kissane, Cucura, Nikolich)
- 4990 VENEZUELA R. Barquisimeto: 0131-0135 LA mx w/drums & marimbas, SP nx (Cunningham).
- 4990 ARMENIAN SSR R. Yerevan: 0205 M&W in RS w/nx. Good over the YV (R. McVicar 3/4).
- 4995 MONGOLIA RUB: heard from 0930 f/in until 1200, //4762 & 4077. Good level most days, this may be their new xmtr, or simply ex-5054, unheard (Willis, Foster-AUSTRALIA). 1432+ Excellent folk songs w/fascinating melodies to 1502\* (Poppin-CA 2/10).
- 5000 JAPAN JJJ: 1250 CW ID's and voice ID's by W in EG & JP u/WVH/VVW (Robbins 3/2).

- 5002.5 UNID Suspect the Central African Empire w/FR anmts & nondescript pop mx to 2300\*  
w/NA. Distorted audio, good carrier though (Robins 2/13). .(Poppin/
- 5005 SARAWAK RM-Sibu: 1320-1440 Chanting by M, lite island vocals (H. Johnson, DW Johnson/  
5010 PERU R. Eco: 1043 Several ID's & Peruvian campo mx (not the "El Condor Pasa" type of  
Peruvian folk mx). Good (Jones-MS).
- 5010 CAMEROUN R. Garous: 0521-0505 M in EG, nx in FR & talk in AR (Cucura, Jordan).  
5010 SINGAPORE RS: 1150 EG cmtry on finance (Poster). 1535-1602 MoR vocal mx, EG talk,  
ID & world mx //5052 (Ethen, Poppin).
- 5010 COLOMBIA Surcolombiana: 0145-0311 SP sports pgm EG language lesson @ 0310 (Valko,  
Field). 1015 SP anmts, vocal mx & ID's (Tannenwald 2/26).
- 5015 ASIATIC SSR Vladivostok: 0730-1300 talk by M&W in RS, Semi-classical mx, ID at  
1300 as "Govorit Vladivostok" and into RS nx (Goss, Brookwell).
- 5015 BRAZIL R. Cultura: 0818 PT talk, Brazilian pop mx, M ancr, ads, ID following theme  
from "Dr. Zhivago". Tough copy level w/R. Pionara (Pappas 2/26).
- 5020 NIGER ORIN: 0537-0540 FR anmts, nx, local mx w/stringed instrument (Lobdell, Peck-NY)  
5020 SOLOMON ISLANDS SIBC: 0825-0910 Pop vocal mx, EG & pidgin talk (Ethen, Klein, Saylor).  
5025 ECUADOR R. Splendit: \*0957-1007 NA, TC, ID, brief local SP nx and into "Musica  
Ecuatoriana". Fair (Jones-MS 3/2, Lobdell-MA 2/28).
- 5030 VENEZUELA R. Continente: 0230-0728 Talk by 2 men in SP, ID's, ads, guitar & piano  
mx, anmt of possible Government layoff of 100 workers from R. Continente! (Jordan,  
Paul Jordan, Thompson, Poppin-CA). \*0900 ID & LA mx. Good (Brookwell 2/6).
- 5030.4 SARAWAK RM-Kuching: EG listening mx & talk in lang. 1315-1430 (Moon, Clifford).  
5035 COLOMBIA LV de Caqueta: 0100 Very Poor w/ID, musical pgm (Field 3/6). \*1008 mx, NA,  
ID, frequencies, promo's for RCN. Nominal s/on likely @ 1000 (Jones-MS 2/27).
- 5035 BRAZIL R. Aparecida: 0030 several ID's by M, and frequencies. Fair-Good (Robins 2/17  
5040 PERU R. Libertad de Junin: 1500 excellent w/huaynos & ID's (?? -PERU 2/20).  
5040 COLOMBIA R. Cinco: 0949 ID, TC, usual LA mx (Jones-MS 2/27).  
5040 VENEZUELA R. Maturin: 0215 ID, TC, LA pop mx, het from Cinco. Fair (Lobdell-MA 2/13)  
5040 GEORGIAN SSR Tbilisi-1: 1455 M&W in lang w/talk to 1458, ID by M @ 1500, time pips,  
RS instrumental mx. Fair-Good w/polar flutter (DW Johnson 2/10)
- 5040 CHINA Fujien Province: 0851 M&W in CH w/talk, CH mx. TC & IS @ 0900 (Brookwell-CA).  
5045 BRAZIL R. Cult do Para: 0930-0936 EG & PT vocal pop mx, W ancr in PT (R McVicar 2/10  
5045 ECUADOR Ondas Canarias: 1027 full ID, frequencies & tx for listening (Jones-MS 2/19  
5045 BOLIVIA Antiplano: 0520-0617 LA & Mexican songs, M ancr, local ads (Brookwell 2/12)  
5045 COOK ISLANDS RCI: 0545-0835\* EG pop vocal mx, south-sea island mx, nx by W in Maori,  
God Save the Queen NA at s/off (Brookwell, Willis, Foster-AUSTRALIA, DW Johnson).
- 5047 TOGO RTT: 0550-0620 Enthusiastic FR talk & lol tribal mx. Good (Brookwell, Jordan)  
5050 PERU R. Loreto: 0500 musical pgm with a few EG vocal selections, complete SP ID as  
"OAX8D...Onda Larga...OAX8...OAX8F...La voz...Oriente...Ciudad de Iquitos"  
First time I've heard a complete ID since stn reactivated in Jan. 78 (Field 1/28)
- 5050 TANZANIA RT: 0410 here without the normal UTE w/EG nx, then Nat Svce (Henderson-MD)  
5052 SINGAPORE RS: 1320 EG Football game (Moon 2/18). Not soccer? -ScW  
5055 PERU R. Onda Imperial: 1435 SP talk, LA pop mx. Fair (?? -PERU 2/20).  
5055 COSTA RICA Faro del Caribe: 0302-0411\* EG Religious pgms, ID, Call letters, freqs.,  
& Costa Rican NA (Jones-MS, Labossiere). 1045 SP religious pgms, ID (Tannenwald 3/1).
- 5057 ALBANIA R. Gjirokaster: 0435-0525+ M in Albanian w/talk, ID, TX, into exercise pgm  
w/man counting to the piano. Excellent (Peck-NY, Jordan 2/9).
- 5060 ECUADOR R. Progreso: 1055-1120 Andean mx & full ID by M in SP. Very Good (R McVicar)  
5075 COLOMBIA R. Sutatenza: 0330 SP nx & ID every 1/2 hour (Clifford).
- 5260 SAUDI ARABIA BSKSA: 0320 Holy Qu'ran recitations, strange echo effect (Peck-NY 2/11)  
5900 CHINA FPBS: 1015-1200 W in CH w/talk, full ID, CH mx (R McVicar 2/14, Prath).  
5915 BULGARIA R. Sofia: \*0600 IS & opening song, into nx by W in Greek (Saylor).  
5930 EUROPEAN SSR (CCP) Murmansk: 0500-0517 ID & nx by W in RS. Poor (Krueger 2/14).  
5930 CZECHOSLOVAKIA R. Prague: 0315-0345 EG cmtry on UN activities (Koelble, Jordan).  
5935 TIBET Lhasa: W in CH w/anmts Poor (DW Johnson 2/10)  
5940 EUROPEAN SSR Moscow-RM: 0230 EG "Mailbag" pgm w/reading of letters, nx (Woltman-WI).  
5945 AUSTRIA ORP: 0430-0500 EG to NAM w/nx & talk on the Austrian economy Jordan, Ethen,  
Hartsell, Waite). 0530-0555\* GM talk by M&W, light mx (Saylor, Brookwell).
- 5950 SWAZILAND TWR: 0355-0419 bell IS, talk by W in AF, sermon w/hymns (Rankin-KS 2/26).  
5950 GUYANA GBS: 0339-0354\* pop mx & EG ads, full ID, TC, s/off w/NA (Rankin-KS 2/26).  
0905-1000 EG religious pgm, ID & TC's, EG nx, ads & pop mx (Jones-MS, Klein 2/19).  
5955 PERU R. Huancayo: 1730 huayno mx, ID. excellent (?? -PERU 2/20).  
5960 CANADA RCI: 0115-0130 "DX Digest", upcoming events on RCI (RH Miller Jr 3/5).  
\*0300-0330 EG nx & cmtry, talk about Russia's defeat of NHL! (McCants 2/13).
- 5960.7 COSTA RICA R. Casino: \*1030-1145 ID's & SP talk by M, ranchera mx & LA pop mx, some  
ID's in the middle of songs! (Cunningham, Higgins, Jones-MS).
- 5962 COLOMBIA LV de los Centauros: 1055 SP talk & LA mx (Zilmer). Sounds like Casino -ScW  
5965 MALAYSIA RM-Kuala Lumpur: 1320 M in Malay w/talk. Fair-Good (DW Johnson 2/10).  
5967v DOMINICAN REPUBLIC RTVD: 1030 SP nx & anmts, ID (Tannenwald 2/27).  
5970v DOMINICAN REPUBLIC RTVD: LA mx, SP talk & ID, //9505. Good (Zilmer 2/13).  
5970 UKRAINIAN SSR Kiev-RM: IS, PT ID's 0000 (Valko). \*0230 IS, SP talk by W (Hywarren).

- 5975 DOMINICAN REPUBLIC RTVD: 1002-1003 Talk by 2 M in SP, TC & ads, ID (R McVicar 2/10)
- 5980 LIBYA PRBC: \*0600 NA, full ID by M in AR, Islamic chants (Saylor, Klein, Lobdell).
- 5980 SIERRA LEONE SLBC: 2339 "Harvest Time" gospel pgm, NA & s/off 2358\* (Koelble 1/30). \*0556-0730 IS, ID by W in EG, local nx & obits (Saylor, Klein, Lobdell)
- 5980 PERU R. Panamericana: 1017 continuous organ & symphony mx until ad string @ 1108, ID by W @ 1112. Very Good (Jones-MS 3/5).
- 5985 MEXICO RM: 2347 LA mx & many ID's (Brookwell). 0355 ID's & interview (DW Johnson).
- 5985 ARGENTINA R. Splendid: 0930 SP talk, ID, nx. Good (?? -PERU 2/20).
- 5990 ROMANIA R. Bucjarest: 0048-0055\* Pop mx, many ID's, IS & abrupt s/off (Valko 2/15). 0400-0430 EG to NAM, cmntry, interviews & world nx. Excellent (Jordan, Hartzell)
- 5995 MALI Bamako: 2355-2359 Musical pgm w/ID in FR & NA (Field). 0703-0756 nx by M in FR, ID & local stringed instrument mx, wiped out by BBC @ 0758 (Goss, Waite).
- 5995 AUSTRALIA RA: 1250-1345 Pop mx and EG nx, //6045 (Mann-ONT 2/25).
- 5995t PARAGUAY La Voz de Amamay: 0115 musical pgm, SP ads. Poor (Field).
- 6000 HUNGARY R. Budapest: 0207 EG nx pgm (Yajko 3/6).
- 6000 AUSTRIA ORP: 0630-0710 GM mx & nx @ 0700, not //6155 until 0715 (Krueger, Lobdell).
- 6005 CHINA Peiking HS-1: At a fairly good level w/CH ID at 1130-1145 (Willis, Foster-AUS)
- 6005 NORWAY RN: 0020-0030 talk by M in NW, EG ID @ 0025, then nx in SP to 0030\* (Prisco).
- 6005 MOZAMBIQUE RM: \*0248-0340 Xylophone-type IS, into multi-lingo ID's, nx by W in vernaculars 0300-0315, then EG pop vocal mx & afro mx (Howard-CA 3/2).
- 6005 BOLIVIA R. Progreso: 0055-0113 ID & several mentions of Bolivia (Howard-CA 2/18).
- 6005 CANADA CFCX-Montreal: 0713-0740 Pop mx w/M ancr, "Phone-a-thon" (Howard-CA 2/18). 1630-1645 heard along w/CFRX during eclipse, M ancr w/top-40 mx (Rankin-KS 2/26).
- 6010 PORTUGAL Sines-DW relay: 0540-0600 Czech-Slovak listed until 0600 w/ID in GM, into Polish at 0600 w/IS & nx by M&W (Jordan, Brookwell 3/2).
- 6010 SPAIN? (or GERMANY?) R. Liberty" 1645 in East European lang w/talk by M; sudden fade in during solar eclipse, then out a minute later (R McVicar 2/26)...(Jones-MS/
- 6010 VENEZUELA R. Los Andes/1040: 1047-1105 ID as "Mil Cuarenta", LA pop mx (R McVicar./
- 6015 DOECANESE ISLANDS VOA-relay: 2159-2200\* EG ID, "Yankee Doodle" IS (Sandborn 2/13).
- 6015 COLOMBIA R. Miras: 1115 SP talk, LA mx & ID @ 1128 (Zilmer 2/26). (AUS/
- 6015 CHINA HS?: Weak CH stn noted here @ 1135 on 1/10, perhaps a regional (Foster, Willis/
- 6015 VATICAN STATE VR: 0110-0113 EG talk til FR pgm at 0115 (Earhart PA, Prath).
- 6020 PERU R. Victoria: 1100 ID, local mx, into SP nx @ 1104 (Zilmer 2/26).
- 6020 UNID Definite SP speaker noted here @ 1350 on 3/5, QRM'd by Moscow FS after 1400, the only likely possibility at this hour is the Mexican, though inactive (Hauser-OK).
- 6025 PORTUGAL RP: 2145-2200 PT talk w/mentions of Argentina, Colombia (Valko 2/6). \*0300-0330 EG nx, cmntry & PT mx. Truly excellent signals! (Raymond Boik, Higgins).
- 6030 WEST GERMANY Sueddeutscher Rundfunk: 0700-0740 talk by M in GM, frequent ads & GM pop mx, nx features. Fair-Good through some QRM (Waite, Saylor, Klein-FL).
- 6040 HUNGARY R. Budapest: 0700-0735\* Greek (Turkish on Sunday) Fair //9585 (Brookwell).
- 6040 GREAT BRITAIN Wootofon-VOA relay: EG "Breakfast Show" to 0700\* (Brookwell).
- 6045 SWITZERLAND \*0430-0447 "Dateline", "Swiss SW Merry-Go-Round" (Kissane, Swanson).
- 6050 YEMEN ARAB REPUBLIC R. San'a: 0405-0420 Middle-Eastern mx, chanting by M, ID by W in EG, gong @ 0415 into World nx in AR, //9780, Good (Jordan 2/18).
- 6055 JAPAN NSB: 0905 end EG lesson "See you later Alligator" (Moon 2/18). 1604-1615 M&W in EG, U.S. pop mx, ad for "Sony Skycenter" for 27,800 yen (Howard-CA)
- 6060 AUSTRALIA RA: 1550 during solar eclipse (Underdown). 1710 EG nx & ID (Ethen).
- 6060 GREECE Kavala: VOA relay heard here from 2144-2157 w/AR nx & features (Halsema-DC).
- 6065 SPAIN SFR: 0605-0620 DX pgm featuring head of R. Korea's SP section (Jordan).
- 6065 COLOMBIA R. Super: 0505 SP nx by M w/mentions of Chile. Good (Radcliff).
- 6070 CANADA CFRX-Toronto: CFRB's shortwave relay heard here by 5 reporters from 0510-1756 w/EG pgms & pop mx, ads, TC's & ID's. In addition, the following information was received from Andy Robins-MI: Per a letter from Donald Insley, VP & Gen Mgr., this one had indeed considered phasing out its SW tx, but he says that they've decided to renew CFRX's license after all and keep it on until their ancient SW xmtr drops "hopefully several years from now!" The SW xmtr was home-brewed in 1938 and according to Mr. Insley "It's a wonder the thing still works".
- 6080 BELGIUM BRT: 0015-0050 "Brussels Calling", EG DX pgm "DX Corner (Klein, Boik, Howard).
- 6080 ASIATIC SSR Petropavlovsk: 1000 M&W talking in presumed RS (Field). 1610 heard during the solar eclipse w/nonstop classical mx (Underdown).
- 6080 CANADA CKFX-Vancouver: 0745-0930 C&W mx, EG nx & wx (Rankin, Underdown, Moon, Hend'son
- 6080 AUSTRALIA RA(?): 1315-1335 ABC programming w/EG nx & possible ID as "Radio Western District" (Nikolich 2/19). Carnarvon is in Western Australia! -Scw
- 6085 COLOMBIA Ondas del Darien: Musical pgm @ 0115, TC and reference to Colombia @ 0120, Deutehe Welle IS wiped out the frequency, as well as 6040, 6100 & 6075 (Field).
- 6085 SAUDI ARABIA Riyadh: 2245 AR ID by M, into al-Qur'an, Good (Robins 2/13).
- 6085 WEST GERMANY Bayerischer Rundfunk: 0800-0830 GM talk by M, ID & MoR mx (Jordan 2/11
- 6090 LUXEMBOURG RL: 0100-0200 EG nx & stn ID's, "Big L" promos (Zimmer-MO, Wilson).
- 6090t BOLIVIA R. Stentor-La Paz: 0951-0956 TC & SP talk & mx, Poor-Fair (R McVicar 2/19). 1025 ID, TC, band mx, SP talk & possible nx. Good thru miserable het (Jones-MS).

- 6090 AUSTRALIA ABC-Sydney: 0800 ID, EG World nx & interview, weak at 2kw (Ethen 2/16).
- 6093 CAMBODIA Phnom Penh: EG svce from 1200-1230 no longer here as of 8<sup>th</sup> Jan (Willis-AUS)
- 6093 CHINA UnID stn noted here from 1100-1330, no //s noted (Willis 15<sup>th</sup> & 25<sup>th</sup> Jan).
- 6094.5 IRAQ R. Baghdad: 1450 AR group vocals, M ancr, ID @ 1500 & AR nx (DW Johnson 2/24).
- 6095 POLAND Polskie R.: \*0700-0720 EG nx & talk (Boik).
- 6095 PERU R. Nac 1080: 1015 SP talk by M, Peruvian sounding mx. Poor (Field).
- 6095 COLOMBIA R. Centro: 1000 ID's as R. Centro (Field). not Bolivia!, Stentor on 6090!-
- 6100 MALTA DW=Cyclops relay: \*0128-0150\* IS, ID's, EG nx & cmtry (Thompson). 0528-0550 EG nx, "Spotlight", "Germany this week" (Abbey 3/4).
- 6100 ASIATIC SSR RM-FS Khabarovsk: 0827 JP talk--BBCMS lists JP til 1000\* (Brookwell-CA).
- 6101.5 VENEZUELA: Venezuelan time stn VYTO noted here 0655-0740 (Cunningham, Ethen).
- 6103 COSTA RICA R. Universidad de Costa Rica: 1200-1300 SP talk & symphony mx (Kelly).
- 6105 TAIWAN VOFC: Definite IS & talk in lang by W, Poor & fading (Lobdell-MA).
- 6105 NEW ZEALAND RNZ: 1200 EG national pgm of R. New Zealand, "Midnight Rpt" (Field).
- 6115 PERU R. Union: 1725 EZ listening mx & ID's. Excellent (?- PERU 2/20).
- 6115 COLOMBIA La Voz del Llano: 1045 LA mx & SP anmts, Greetings & ID (Tannenwald 2/28).
- 6115 MEXICO R. Universidad de Sonora: 1730-1800 SP talk & ID's, Clsc1 mx (Thompson).
- 6120 VENEZUELA R. Angostura: \*0930 NA, local anthem, ID and s/on info. Good (Klein 2/19)
- 6125 USA VOA-Dixon CA: 1630-1632 W talking in CH, heard during eclipse (R McVicar 2/26).
- 6130 LAOS Vientiane: With 25kw, this is the best heard Laotian, and can be heard from 1200-1430 (Willis, Foster, Cosier, all Australia).
- 6130 CANADA CHHX-Halifax 0915-1005 C&W mx, EG talk by M, ID (Klein, Goss).
- 6135 SOCIETY ISLANDS R. Tahiti: 0523 Talk by M in Tahitian, Tahitian vocals (DW Johnson)
- 6135 POLAND Polskie R.: 0200 EG "This Week in Poland" (Calderwood 3/5).
- 6150 COLOMBIA La Voz de Huila: 1045-1159 SP anmts, ads & ID's (Tannenwald 2/26, Field).
- 6150 CHILE R. Nac: 1020 SP nx items separated by short organ mx chords, TC's, ads & several ID's @ 1030. Good (Jones-MS 3/9).
- 6155 AUSTRIA ORF: 0140-0158 EG talk concerning Austrian health services (Earhart-PA). 0555-0600 ID's & nx in GM (Saltmarsh 2/2). (R McVicar/
- 6155 HAITI R. Citadelle: 0955-1050 M in FR w/nx, ads, Creole mx (Golden, Klein, Robins, /
- 6155 ROMANIA R. Bucharest: 0130 EG nx & cmtry, local mx (Zilmer 3/4).
- 6160 ALGERIA RTVd'A: 0600-0755 AR pop mx & ballads, FR talk, ID (Rankin-KS 3/6).
- 6160 COLOMBIA Em Nueva Granada: 0855-0930 spirited local mx & many ID's, SP anmts & nx @ 0925. Vy Good (Jordan). 1101 ID as "Nuevo Granada", SP ad & national nx (Jones-MS).
- 6160 NEW FOUNDLAND CKZN: 0130-0503\* NHL Hockey allstars via the Soviets, "O Canada" & GSTQ @ 0500 (Rankin-KS, Zilmer). \*0930-1200 nx wx & traffic rpts (7 reporters!).
- 6165 MEXICO XEW: 1310-1325 M&W in SP w/usual morning pgm, ads. Good w/het (Krueger 3/2)
- 6165 BRAZIL R. Cultura S.P.: 0000 PT talk, ads, rock & disco mx, some EG mx (Zilmer 2/20)
- 6165 SWITZERLAND SRI: 0700-0728 EG ID, nx, TC, polka mx, "Dateline" (Jordan, Ethen).
- 6165 VIETNAM Ho Chih Minh City: 1004 Vietnamese talk, //9622 when audible (Foster-AUS).
- 6170 PERU La Voz de Huamanga: 2010 Peruvian mx, ID. Good (? -Peru 2/20)
- 6175 MALAYSIA RM-Kuala Lumpur: 1522-1529 island vocal mx, nx in BahamaMalay (Poppin 3/4)
- 6175 FRANCE RFI: 0820-0853 Talk by 2 men in FR, ID, top pop mx (Jordan).
- 6175 PERU R. Tawantinsuyo: 1023 full ID by W ancr. Good (Jones-MS 2/13).
- 6180 GUATEMALA R. Nac: 0130-0200 SP talk (Kelly 2/27). 1045 SP anmts & ID (Tannenwald).
- 6185 TURKEY VOT/TRT: 0350 music box IS, M in Turkish w/sign on anmts, into nx (Hywarren)
- 6185 MEXICO R. Educacion: 2330-0340 Classical & Ez listening mx, SP political talk Reini, Hans Johnson, Krueger). Heard 2/20 after DW clears at 0550, frequent ID's by soft-spoken W ancr mentioning XEEP-1060 & XEPPN (XEPPM?). No mention of SW at closing. This freq was formerly occupied by "La voz del Maestro". This could be the same mxtr dedicated to a new purpose (Hauser-TN 2/20).
- 6187 LAOS Houa Phan: 1040-1157\* on 1/22 & from \*1257-1430\*, this frequency replaces 6198 v, which was, however, active again after 1/27 (Willis-AUSTRALIA). (Prisco/
- 6190 WEST GERMANY SFR/Bremen: Euro pop & EZ1 mx, GM talk thru heavy QRM (Jordan, Klein, /
- 6195 PERU R. Cusco: 1021 ID & Peruvian mx. Vy Good (Jones-MS 2/13),
- 6195 CANADA CBC: 0500-0510 ID by W, into Canadian nx. Exc (Jordan 1/28).
- \*\*\*\*\*
- 5110 CLANDESTINE Voice of the Burmese People noted here at a rather good level in Burmese at 1230 on Jan. 27<sup>th</sup>; it is, however, blocked by Pakistan (Willis-AUSTRALIA).
- 5112 PAKISTAN RP: 1314-1315\* talk by M&W in possible Urdu, chants (Golden, Nikolich).
- 5155 GUATEMALA R. Cult: SP religious pgm w/EZ listening mx (Brookwell 2/14).
- 5170 CHINA FPBS: 1130 M&W in CH w/talk, //5240 & 5265 (Prath 1/7)
- 5260t KAZAKH SSR R. Alma Ata: M&W in RS w/talk @ 0040 (Prath 2/25).
- 5640t HAITI R. Familia: weak w/musical pgm 0100-0200; heard on 3/9 w/EG anmt "in Wash. DC" @ 0058 then the Star Spangled Banner and s/off (Field). Sound like harmonic of 1410-
- 5860 CHINA Peking HS-1: Heard at a rather poor level @ 1410 w/CH talk (Willis, Cosier-AUS
- 5875 UNID VOA: 1525 nx by M in subcontinental lang, EG ID. Good (Poppin 2/9).
- 5882 ARGENTINE R. Rivadavia: 0247 ID by M w/location, male vocal group (Poppin 2/10).

The above few loggings represents the 100-5900kHz loggings which I had misplaced earlier, Although some reports may be 3 months old, they should still be accurate. 73's Steve

# log report section

APRIL, 1979

6200-11699



TOM GAVARAS

16920 17th Ave. N, Wayzata, MN 55391

\* 612-473-4515 \*



MINISTERIO DE DEFENSA  
RADIODIFUSORA NACIONAL

MANAGUA, D. N.  
NICARAGUA, C. A.

LOGGINGS FOR THE NASWA LOG REPORT SECTIONS SHOULD BE SENT TO OUR DISTRIBUTION EDITOR: DAVE WALCUTT, 1521 RUTLAND #7, HOUSTON, TEXAS 77008

trick for brightening up ones day!!! Please, if at all possible, use the NASWA reporting forms. If you decide to use your own form, please double space between items, don't use onion paper (unless your outside of North America, but try to avoid if possible), and try to keep your report to within an inch or so. I received some reports up to 5 to 7 inches wide, which makes it very hard to work with when I have hundreds of pieces of paper scattered around the room.

Just a reminder that the Information and Registration forms are now ready for this summer's ANARC Convention (June 22-24). A lot of international broadcasters and noted DX-ers will be attending, and we hope to see you there also. For more information, send a large business size SASE to: Association of North American Radio Clubs, 1979 Convention Committee, P. O. Box 14161, Minneapolis, Minnesota 55414.

A lot of interesting items this month with more reports of the Voice of Venus, Radio Liberation and new pirate: KVHF. Also, a lot of reports of Laos, Mongolia, Ethiopia, and a possible time station in Hong Kong! On to the loggings.....

- 6200v ALBANIA R. Tirana; 0350 English ID & program on Albanian youth (Prisco 2/25). 2240 talk in unidentified language with mention of Tirana (Blumberg 2/18) \* I have the language listed as Italian (tgg) \*
- 6206 LIBYAN WATERS Mebo Two Radio Ship; 0435 Arabic continuous chanting (Saylor 2/28).
- 6210nf PAKISTAN R. Pakistan; 1245 Good level with music on 1/10 & 1/27 (Willis, Foster, Cosier)
- 6210 VATICAN STATE Vatican Radio; \*0620+ IS, Bells, Mass in Latin, English ID, Religious music, etc. (Ethen 2/25, Saylor 2/25, Ottaway 2/17, Howard 3/4).
- 6250 EQUATORIAL GUINEA R. Malabo; 0506 Spanish talk & march music (Robins 3/3, Radcliff 2/3)
- 6260 CHINA Qinghai People's Broadcasting Station; 2345-0015 Daily, always talk, seldom music. ID at 2359 before time pips "Ch'inghai remain guangbo dential." Strong (Rankin).
- 6262 VIETNAM VOV (Cao Lang); 1127 s/on to 1400 s/off. Good level (Willis, Foster 1/15).
- 6290 CHINA R. Peking; 2330 IS, Chinese ID and talk by man & woman. Fair. (Blumberg 2/22).
- 6330 VIETNAM VOV (Son Ia); 1300-1400 s/off. Signal is not good due to ute (Willis, Foster)
- 6380 CANADA; Canadian station here (Harmonic 4 X 1570 kHz) here in rock mx & talk at 0430. Better here than 2 X 1570 kHz which was also heard (Henderson 2/10). \*CKIM? (tgg) \*
- 6383 MONGOLIA R. Ulan Bator; 1220-1250 English with good level on January 22. However, not there on January 27th. (Willis).
- 6420 BOOTLEG: USA KVHF; Program of various types of music: Beatles, Elvis, Country, Oldies, etc. At 0702 s/off gave ID as "You are listening to KVHF." Has been heard with music and no talking on other days from 0100-1000 GMT. Very good signal. (Harms 3/13). \* Thanks for the call, Bill! \*
- 6426 VIETNAM VOV (Hanoi); 1515 Vietnamese talk with CW interference (D.W.Johnson 2/24).
- 6450 VIETNAM VOV (Hanoi); 1520 Vietnamese announcers with local mx. Good. (D.W.Johnson 2/24)
- 6550 LEBANON V. of Lebanon; 0453 Music box IS, "Colonel Bogey March," anthem, Arabic s/on by man & woman, talking and march music. (McVicar 2/9, Saylor 1/20, Robins 3/3).
- 6576 KOREA (NORTH) R. Pyongyang; 1543 Russian talking & Korean music (Poppin 3/4).
- 6595 LAOS National Radio (Pakse); 1035 fade in till 1330 s/off. Fair. (Willis, Foster, Cosier)
- 6675 LAOS National Radio (Kiang Khouang); 1035-1305 on 1/12, while on 1/13 and 1/14 it signed off at 1300. On 1/15 it signed off at 1332 GMT. (Willis, Foster, Cosier).
- 6750 CHINA R. Peking; 1615 Chinese talk by woman w/oriental music. Good//6665 (Ethen 1/12).
- 6770 KOREA (NORTH) R. Pyongyang; 1145 Spanish talk with Korean local music (Prath 1/7).
- 6840 CHINA INNER MONGOLIA R. Peking (Huhhot); 1524 Chinese men in Radio Drama (D.W.Johnson)
- 6750 CHINA R. Peking; 1155 Chinese talking by a man (Prath 1/7).
- 6998 LAOS National Radio (Luang Prabang); 1120-1430 with regional music (Willis, Foster).

- 7001** ANGOLA Radio Nacional (Cf previous report); Jerry Berg, who has also heard this but without a definite ID, quotes an unidentified source that it is Lobito (Hauser).
- 7035** CHINA R. Peking; 1558 Russian "Govorit Peking," Chimes, pips, etc. (Poppin 3/4).
- 7080** ALBANIA R. Tirana; \*0630 IS, English ID & News//7090 (Ethen 2/16). \* Interesting; I have 7090 kHz listed for their Indonesian service. Maybe someone goofed up at Radio Tirana (tgg)
- 7105** ASCENSION ISLAND BBC; Here's the answer to the unID "Radio Rainbow" some have reported. It's BBC's English by radio program for French listeners; it may be carried at several times, but I heard it Sat 2/17 at 0515. The listed parallels M79 for this transmission are 11790A, 9915, 7210, 6110 (Hauser). 0500 English news & lang lesson (Labossiere 2/22)
- 7105** MONACO TWR; \*0725-0900 English ID & Religious programs (Jordan, Klein, Johns, Koelble).
- 7115** BULGARIA R. Sofia; 0430 English news & DX pgm (Goss 1/30). 2138 English DX Program with both short and medium wave information (R. Jordan 2/18).
- 7125** INDIA AIR (Delhi); 1305 Tibetan talk and solo music w/ID (D.W. Johnson 2/24).
- 7135** FRANCE RFI; 0720-0757\* French ID, talking and pop music (R. Jordan 1/10).
- 7135** LIBYA PRB; 0725 Arabic ID, talk on Vietnam & Cambodia, and chants (R. Jordan 2/25).
- 7150** USSR R. Kiev; \*0030-0057\* English ID, News & "Meet the Youth" pgm (Cucura 2/9).
- 7150** USSR R. Vilnius; 2318 English talk on municipal housing & music (Earhart 2/19).
- 7160** SARAWAK R. Malaysia; 1130-1258 English ID, news, religious program, TC, etc. Later into unidentified language (P. Jordan 2/11, Moon 2/18).
- 7165** USSR R. Moscow; 2345 English with DX Program (Underdown 2/17).
- 7170** NEW CALEDONIA R. Noumea; 0745-0815 French talk with pop music (Moon 2/19, Klein 2/3).
- 7185** GERMANY (EAST) RFI; 0230 German discussion till blocked by BBC. Usually fair at 5 kW. (Krueger).
- 7215mf** IRAN VOI; 1340 Farsi Home Service//7230 on January 27th (Willis, Cosier).
- 7215** IVORY COAST R. Abidjan; 0702 French talk by man & lady w/ID & Drum mx (Nikolich 2/15)
- 7215** USSR R. Vilnius; \*2300-2329\* English Letterbox, news, cmntry, music, etc. (Saylor 2/26, Cucura 2/11, Labossiere 2/3, Schmidt 2/14, J. Williams 2/10).
- 7225** TUNISIA RTWT; 0459 African chants & mx with good level (Nikilich 3/6) \*what language? (tgg)\* 0700 Arabic talk & music (George 2/6, Saylor 2/27). 2329 Arabic(?) talk, chanting till National Anthem and s/off at 2335. (P. Osterman 1/28).
- 7240** AUSTRALIA R. Australia (Carnarvon); 1425 English news & cmntry about fishing (Johnson).
- 7262** MONGOLIA R. Ulan Bator; Good level s/off 1050 after presenting a HS program//4995 kHz. This station does not appear here from 1300 to 1500. (Willis, Foster). tent: 0907 Mongolian talk with no music (Brookwell 1/21).
- 7265** GERMANY (WEST) Sudwestfunk; 0715 German talk and vocal music (Klein, Saylor).
- 7270** POLAND Polish Radio; \*0200 English news//6095, 9575, 11816, 15120 kHz. 0639-0700\* English talk about Polish airlines and Polish music//9675 (Cucura 2/28).
- 7270** GABON RTV Gabonaise; 0740 French ID and lovely local music program (Klein 2/3).
- 7295** MALAYSIA R. Malaysia; 1606 Language with country & pop music (Poppin 3/4).
- 7300** USSR R. Moscow; 0850 Japanese ID and talking (Brookwell 2/2).
- 7320** USSR R. Kiev; 0300 English DX Program and cmntry (Prath, Abbey, Saltmarsh).
- 7345** CZECHOSLOVAKIA R. Prague; 0125 English ID, folk music and talk about kids born with heart defects (Bolk, Swanson 2/19). \*0300-0357\* English news & topic od day (Springer).
- 7350** CLANDESTINE V. of the Kampuchean People; 1200-1300 Heard on 1/13, and still on there 1/27. This one could be located in either Hue or the Tay Ninh province, Vietnam. (Willis, Foster).
- 7375t** VIETNAM VOV (Hanoi); 1250 Vietnamese music with poor signal (Robins 2/24).
- 7380** CHINA R. Peking; 0841 Chinese talk and music for dance class//7770 (Brookwell 1/21).
- 7383** LAOS National Radio (Savannahet); 1235-1315 Laotian on 1/14 & 1/27 (Willis, Foster).
- 7400** BOOTLEG: USA Voice of Venus (Minnesota?); 0203 English announcer talking, followed by Tonto and the record "Love is not always on time." At 0205 they went off the air. (Swanson 2/14).
- 7410** BOOTLEG: USA Voice of Venus; 0245 English. I just got the end of the program "You've been tuned into the VOV, this is Scitt Wild, your announcer. (Koelble 2/16).
- 7412** ISRAEL IRA; \*2230-2300\* English ID, news, Calling All Listeners (J. Williams, Fraser).
- 7420** CHINA R. Peking; 1220 English cmntry about war between China & Vietnam (Swanson 2/17).
- 7420** UNIDENTIFIED; Possible Radio Arthur or Radio Liberation. 0725-0740 with OM singing French anthem-not with words though-he just went "whuu whuu" instead. Some tx & mx afterward. Very poor (McVicar 2/24).
- 7420** USSR R. Minsk; 2133 Belorussian talk and Russian music. MAYAK at 2200 (Valko, Saylor).
- 7420** NUMBER STATION; 0332 German numbers by woman over station w/classical mx (Marker 2/15).
- 7425** BOOTLEG: USA R. Liberation; Noted 2/19 opening at 0248 with "O, What a Beautiful Morning" on music box IS at various speeds, s/on 0253 with Jimi Hendrix's version of the national anthem, 0259 "Pol Pot Exile Show"; off at 0324 with "Deutschland Ueber Alles." Good signal but sometimes an overmodulation problem. Claims to transmit from the "arid marshlands of putrid Louisiana," but I think it's in Florida. Seems to operate intermittently around 0130-0430 GMT Sundays and Mondays. (Hauser). 0347-0545 tuned in to hear George Carlin album. ID, played music by Klatu. At 0500 he played the MAYAK IS & ID was followed by heavy rock music. At 0512 he played "The Rain is coming" (Sierra Leone's s/on music) as well as other stuff from RCI/HAP ID & Interval

- RADIO LIBERATION CONTINUED:** signal tapes. Signal was generally good, but a bit fluttery. If you're out there, please send us each a QSL! Our address is Richard McVicar & Martin Bordt, Box 1048, Prescott, Ontario, Canada KOE 1T0. 0225 English w/IS, ID as Voice of the American Liberation Army, into Jimi Hendrix NA. (Klein 2/12).  
\* Hey you guys at Radio Liberation! Next time you plug your transmitter in, would you please give me a call (collect is OK) at 612-255-4321 (weekdays) or 612-473-4515 (occasional weekends). Thanks! (tgg) \*
- 7460** **BOOTLEG: USA** Voice of Venus; \*0231 English after call from Scott. Playing pop songs and said they were broadcasting from the Minneapolis area. Strong. Calls themselves Minnesota Pirate Radio System. (Schumacher 2/15, 2/19). 0300 Guitar s/on (anything like the V. of Voyager?(tgg)) followed by announcement: "This is the Voice of Venus Broadcasting from Minnesota. Upper side band. (Swanson 2/12).
- 7488** **BOOTLEG: USA** Voice of Venus; 15 year old Scott Wyllid phoned me 2/10 proposing to test on 14510 kHz, but this was above the MUF, so he tried 7488 SSB instead. Was weakly audible there from 0615 to 0641\* in "Special Broadcast for Glenn Hauser in Knoxville, TN, who is in no way associated with this station." Gave location as Minneapolis, and at 0628 more specifically as "In Bloomington County on Lake Street." Opened with "Nothin' But a Heartache"; 0621 gave power as 170 watts. SIO 222 Heavy UTE QRM. 0623 mentioned DJ friend who had died a few days ago in an auto accident. At 0623 announcement that people born between 1952 and 1962 had been recalled, except for those born in 1959. Minnesota Pirate Radio Service. At 0636 described antenna as "sloping dipole," 0639 as inverted L at 60 feet; off at 0641. (Hauser). \* I would also very much like to talk to you, neighbor (?). Please give me a call. My phone numbers are listed towards the top of this page! Thanks much! (tgg). \*
- 7504** **CHINA** CPBS HS-1; 2335 weakly w/CH oration by woman. CW QRM (Robins 2/15).  
**7660** **CHINA** R. Peking; 2350 Chinese or lang program by woman. Fair (Robins 2/15).  
**7770** **CHINA** R. Peking; 0823 Chinese talking //7380 kHz (Brookwell 1/21).  
**7925** **USSR** R. Moscow; \*2300 ID, English news. Very poor SSB. CQ Interference (Fraser 2/6).  
**8000** **JAPAN** JG2AE Time Station; 0800 Morse Code & EG Voice ID by lady as "JYJ" (Underdown).  
**8007** **CHINA** CPBS HS-2; 2355 Chinese opera and annots...the usual. Poor (Robins 2/15).  
**8760a** **UNIDENTIFIED:** 0652 Feeder with Spanish talk and music in SSB. I think I remember Chile listed using 8 mhz feeders a couple of years ago. (Underdown 2/21).
- 8903** **HONG KONG** Hong Kong Time Signal Station; \*1215-1218\* Time pips, English ID by woman. Time checks for 1215 GMT with weather information. My copy of WRTVH 77 (also 1979) lists this as a time station. Is it? No other VOMMET carries time pips or gives regular time announcements like this station. (Underdown). \* Nice catch Bob!!  
**Don Jensen:** Since voice IDs and time are given, could this station be counted as reception of Hong Kong - according to NASWA Country Counting Rules?? (tgg) \*
- 9022** **IRAN** VOT; 1950+ Western instrumental music (John Denver, etc), English talk about PLO, Arafat's visit to Tehran (Blumberg 2/19, Hywarren/UMDX 2/24). 2305 Farsi talk and music//15084 (Reini 3/4). 0130 Farsi talk & instrumental music w/chants (Thompson 2/14). 0350 talk in language with ID & local music (Klein 2/12).
- 9064** **CHINA** CPBS HS-1; 2340 Chinese talk by woman//7504. Very poor signal (Robins 2/15).  
**9060** **UNITED STATES** KGA (Spokane); (Harmonic: 6X1510) EG cmntry, mx & ads 0039(Wirsz 1/9).  
**9380** **CHINA** R. Peking; 0022 Spanish talking by man and woman (McCants 2/16).  
**9420** **KOREA (NORTH)** R. Pyongyang; 0910 English with revolutionary cmntry (Moon 2/25). \*1200 IS, Spanish ID & talk (Saylor 2/28, Valko 3/2). 1705 French news & ID. V.Strong (McVicar)
- 9423** **CLANDESTINE: CHINA** V. of the Thai People; \*1300 Thai announcements by man & woman into anthem. Fair (Robins 2/24). 2328 fair signal and 1100-1500 GMT in Thai (Willis, Cosier).
- 9425** **ISRAEL** IBA; 2000 English s/on w/news, Calling All Listeners, etc. (Boik, R. Jordan).  
**9435** **ISRAEL** IBA; \*2230-2259\* English ID, news, cmntry, "New Year of the Trees" pgm, etc. //11655, 9815, 7412 (J. Williams 2/11, Thompson 2/23, Schmidt 2/14).
- 9475** **EGYPT** R. Cairo; \*0200-0330\* English news, cmntry & local mx (Springer, Halsema, R. Jordan)
- 9480** **ALBANIA** R. Tirana; 2035 English identification and news program (Sandborn 2/13).  
**9490a** **PAKISTAN** R. Pakistan; 1729 English into Asian language. News & ID. Strong (McVicar).  
**9490** **USSR** R. Moscow World Svc; 2030 English news. Good (Nikoloch). 2115 EG cmntry (H. Johnson)  
**9500** **ALBANIA** R. Tirana; 2310 Portuguese news, cmntry, ID & Current affairs (Brouillette).  
**9500** **USSR** R. Pacific Ocean; 0300 Russian talk and music (Brookwell 1/27).  
**9505** **JAPAN** R. Japan; 1005 English news and cmntry. Very good (Klein 3/5).  
**9505** **USSR** R. Moscow; 0030 English news, mailbag and music (Zilmer 3/4).  
**9515** **ETHIOPIA** V. of Rev. Ethiopia; 0302 ID English, TC & News. Very pocs (Schmidt 2/17).  
**9515** **GREECE** VOG; 0215 English ID, news about Iran, Cambodia, US, etc. (R. Jordan 1/14).  
**9515** **PERU** R. La Cronica; 1815 Identification with talking & music (Meyer 2/20).  
**9515** **TURKEY** VOT; 2130 English ID, DX Corner, News & Letterbox//11955 (J. Williams 2/10).  
**9535** **ANGOLA** R. Nacional; 2312 over India w/pop music // 7244 (Willis, Cosier 1/26).  
**9535** **INDIA** AIR; 1530 English identification, news with Good level strength (Saylor 1/20).  
**9540** **UZBEK SSR** R. Tashkent; 1215 English cmntry on Supreme Soviet (R. Jordan 2/15).  
**9545** **SOLOMON ISLANDS** SIBC; 1900-1930 Pidgeon news and music program (Watts 2/21).  
**9565** **FINLAND** R. Finland; \*2330 English news and cmntry pgm (Boik, Earhart 2/13).  
**9570** **AUSTRALIA** R. Australia (Shepparton); 0915 English Top 40 Music program (Swanson 3/3). 1704 English ID, News w/very strong signal but fluttery during eclipse (McVicar 2/26).

- 9570 ROMANIA R. Bucharest; 0130 English ID, news, US Pop music!!, cntry on Romanian Bulgarian relations (R. Jordan 2/15, J. Williams 2/18). 0200 English talk on Romania (Findlater 3/11). 0220-0227\* English "Listeners Club." & ID (Schmidt 2/14). 0420 English Folklore music and Letterbox program (Bryon 2/15).
- 9570 VATICAN STATE Vatican Radio; 0145 Spanish with Religious program (McKinney 1/26).
- 9575 ITALY RFI; 0113 English cntry on something I could not fathom (Earhart 3/2).
- 9575 SOUTH AFRICA RSA; 0200 English news, cntry and music (Wood 2/28).
- 9580 AUSTRALIA R. Australia (Shepparton); 0600 English news on China-Vietnam (Klein 2/21). 1131-1300 English ID, news, sports, music, etc. (Saltmarsh 2/22, Kissane 2/11, Boik, J. Williams 2/11). 1130 3/7 announced that its service would be shorter than normal that day and would be off the air altogether in the mornings, U.S. Time, due to transmitter construction at Shepparton. Service would be resumed as soon as feasible but no date was given (Halsema).
- 9580 KOREA (SOUTH) R. Korea; 1015 English ID, cntry & mx (Klein, R. Jordan, Nikolich).
- 9585 JAPAN R. Japan; 1707 English news. V. Good & fluttery level during eclipse (McVicar).
- 9585 SOMALIA R. Mogadishu; 1345 Somali music with brief announcements (Amharic listed). Wiped out by R. Japan s/on 1400 (Robins 2/27). TENT: 2045 N. African vocals & chanting, prayers by man, ID possible at 2045. Then into talk by woman in English with mentions of Ethiopia, Nigeria, Mozambique, talk of Liberation Movement Marches, then back into unidentified language. (Saylor 2/26).
- 9585 SOUTH AFRICA RSA; 0210 English talk on touring S. Africa (Abbey 3/4).
- 9585 SUDAN R. Omdurman; 2030 poor level with snatches of chants (Nikolich 2/13).
- 9590 HOLLAND R. Nederland; \*0230 English w/Happy Station, etc. (Abbey, Hynes, Springer).
- 9590 NORWAY R. Norway; 0200 English ID & nx (Kissane 2/26). 2225 English tk (Wilson 2/4).
- 9590 QMAN BBC; \*0255 Bells, pips, English news, etc. (Pitts 2/18, Reini 2/9).
- 9590 PHILIPPINES R. Veritas; 1130 English ID & Religious pgm (Goss 2/4). 1300-1330 English ID, orchestra mx, religious talk (Cucura 2/14, Cunningham 2/10). 1350 language pgm (Sinhala listed), 1400 ID by woman into SAs mx (tabla, etc.) and Tamil px. (Robins 2/27)
- 9590 USSR MAYAK; 0259 Russian talking with Moscow Nights signature tune (Rubin 2/16).
- 9595 JAPAN NSB; English program "Tokyo-Forum Get-Together" opening 3/5 (GMT Monday) at 1530; fair, some tactical QRM from "C5B" and "F2X" on SSB using NSB as HFO. (Hauser).
- 9605 GERMANY (WEST) DW; 0130 English news & current affairs magazine//6085 (Zilmer 3/6).
- 9610 AUSTRALIA ABC (Perth); 1105-1300+ English nx & country mx (Simaschko, Kissane, Halsema).
- 9610 FRANCE RFI; 0655 French Identification and music program (Saylor 2/18).
- 9610 SOUTH AFRICA RSA; \*0200-0250\* English ID, nx, Saturday Night RSA (Springer, Thompson).
- 9615 ETHIOPIA V. of Revolutionary Ethiopia; 1500 English news, TC, African music and Western music (O'Riordan 2/18, Ethen 2/12, Hauser 3/5).
- 9620 EGYPT R. Cairo; 0645 with an ID //11630, 12050 & 9455 (Willis).
- 9620 YUGOSLAVIA R. Yugoslavia; \*2200-2215\* talk in English on United Nations, news, etc. (Radcliff 3/23, Schmidt 2/14, Boik, R. Jordan 2/25).
- 9625 CANADA CBC NS; 1528 English news on mine accident in Canada, etc. (Reynolds 3/4).
- 9630 SPAIN SFR; 0100+ English news pgm & Spanish Kalidascopes (Abbey 2/25, McKinney 1/26, Springer 2/17). 0535 English news and music program (Woltman 2/23).
- 9635 MALTA AWR Voice of Hope; 0729 English ID between Serbo-Croat programs (Prisco 2/11).
- 9640 USSR R. Moscow; 0026 Spanish to S. America with mostly talk (Brookwell 1/21).
- 9645 COSTA RICA TIPC; 0330 English Song Time program (Kelly 2/24).
- 9645 VATICAN STATE Vatican Radio; 0700 Italian ID followed by religious music (R. Jordan 2/18). 1950 Latin chanting of the Rosary by woman (Schumacher 2/22).
- 9648 BRASIL R. Bandeirantes; 0910 Portuguese call sign given. High level (Willis, Cosier).
- 9650 GUINEA REPUBLIC Rdf Nationale; 0710 French ID & choral music (R. Jordan 2/18). 2303 poor level with chants (Nikolich 2/26).
- 9653mf INDIA AIR; 1340 w/Hindi type language announcements. Good level (Willis, Foster).
- 9655 COLOMBIA R. Nacional; 0458\* Spanish talk and s/off with anthem (Brookwell 1/17).
- 9660 AUSTRALIA ABC (Brisbane); 0820 English with Church feature program (Moon 2/25).
- 9665 BULGARIA R. Moscow World Svc; 2212 English news (Valko, H. Johnson)\*Presumed site(tgg)\*
- 9670 MALTA Malta Calling; 0700-0800 English news & tourist info (McKinney, Klein, Prisco).
- 9670 PORTUGAL IBERA; 2011 German religious pgm into EG 2030 GMT (Prisco 2/17).
- 9675 PERU R. del Pacifico; 1400 Identification and EX music (Meyer 2/11).
- 9675 POLAND Polish Radio; 0600 IS, English news, Chopin music, Jazz music. (R. Jordan, Byron).
- 9680 AUSTRALIA ABC (Melbourne); 0825 English w/pop mx (Moon 2/25). 1206 EG mx & wx (Prisco)
- 9680 CUBA R. Havana; 0400 English news pgm (Mumingham 2/18). \*I have 9685kHz listed (tgg)\*
- 9690 ARGENTINA RAB; 0300 English w/IS, ID, Press Review, asked (J. Williams, Klein).
- 9690 SWEDEN R. Sweden; 2303 English news, Sweden Calling DX-ers (Sandborn, Brouillette).
- 9693 CAMBODIA R. Democratic Kampuchea; 1145 English w/cntry on role of USSR in Kampuchea & Peking's response. Heard YL w/brief cntry & local mx. (R. Jordan 1/31).
- 9695 SWEDEN R. Sweden; 2315 English SCIX (Hynes, Abbey). 0245 EG SCIX (Hynes).
- 9705 ARGENTINA R. El Mundo; 0526 Spanish with US discs and local ads (Brookwell 1/15).
- 9705 BULGARIA R. Sofia; \*2330 IS, Bulgarian ID & News (Simaschko 2/23). \*0000 IS, English ID, cntry, folk music, letterbox, etc. (Saltmarsh 2/2, Fraser 2/7, Cucura 3/3, Byron 2/17, Boik, Moon 2/26, Halsema 3/8).
- 9705 GERMANY OR PORTUGAL RFE; \*0554 IS, Hungarian talk & folk music. (Brookwell 1/11).

- 9705 MEXICO R. Mexico; 0435 Spanish news program (Moon 2/18).
- 9710 ITALY RAI; 0400 English news & ID (R.Jordan 2/11). \*2230 IS & Italian ID (Simaschko).
- 9710 SOUTH AFRICA Springbok Radio; 0454 English ID, nx & easy Listening mx (Brookwell).
- 9710 USSR R. Moscow; 0118 English Moscow Viewpoint, news summary, DX pgm (Abbey 3/4).
- 9720 KOREA (SOUTH) R. Korea; 1600 English ID, news, editorials, etc. (Reynolds 2/19, Zimmer 3/4, Sandborn 2/25). 1701 French s/on with orchestra mx & ID (McVicar 2/26). \*1800 usual IS with English & Korean program with talks about N & S Korea (Ewarrren).
- 9725 PHILIPPINES VOA (Tinang); 1500\* Light music with s/off, local ID given (F.Osterman).
- 9725 SWITZERLAND SRI; 0145-0215 English news & DX Merry Go Round (Barhart 3/2, T.Smith 3/3, Fraser 2/11). 0455 English talk on hanggliding (Ethen 2/14).
- 9730 GERMANY (EAST) RBI; 0100 English news, Spotlight on Sports, ID //11805 (Zilmer 3/6, R. Jordan 2/18, Waite 2/26, Boik).
- 9730 SWAZILAND TWR; Afrikaans 0510 with local level (Willis, Coiser 1/27).
- 9740 ALBANIA R. Tirana; 0100 Spanish news and talking (Halsema 3/8).
- 9740 SINGAPORE BBC; 1120 English World Service Program (Klein 2/19).
- 9745 BRAZIL R. Cultura; 0030 English/Portuguese language lesson/6165, 17815 (Zilmer 2/20).
- 9745 ECUADOR HCJB; 0230 English w/DK Party Line (Abbey 3/4, Harrington 2/18). 0230 DX Party Line w/tem that HCJB would start broadcasting in 90mb in four months, probably on 320 kHz (Field 1/21).
- 9745 IRAQ R. Baghdad; 0210 Arabic tk, mx & chants (R.Jordan). 1955 French pgm, 2030 German and 2130-2200 English ID, news, cmntry & folk music. (R.Jordan, McVicar, Labossiere, Wilson, Boik, George, H. Johnson).
- 9747v ALBANIA R. Tirana; \*0130 English news (Simaschko). 0230 EG (drifting freq) (Lobdell).
- 9750 LIBERIA VOA; 0630 French talking and Jazz musical program (Brookwell 1/13).
- 9753 CLANDESTINE: VIETNAM(?) V. of the Kampuchean People; 1200 still running. Has been noted since 1/10. (Willis, Foster, Cosier 1/27).
- 9755 CANADA RCI; 0110 English news, weather, etc. (Halsema 3/6).
- 9765nf BULGARIA R. Sofia; (ex 7115) 0430 English DX Program (Hauser 2/12, Cucura 2/7).
- 9770 AUSTRALIA R. Australia (Shepparton); 1130 English weather & mx (Halsema 3/7).
- 9770 AUSTRIA ORF; \*0130 English talk, news & reports (Barhart, Wilson, Halsema, Reynolds, Fraser)
- 9770 HOLLAND R. Nederland; 0729 English with Happy Station program (Abbey 3/4).
- 9770 USSR R. Moscow; 2210 News on Vietnam situation (H. Johnson 2/25).
- 9775nf EGYPT R. Cairo; 0600 with ID. Loud signal (Willis, Cosier). \*Language?? (tgs)\*
- 9775 USSR R. Peace & Progress; 1730 English ID, news & Anti-Chinese cmntry (J. Williams).
- 9790 ALBANIA R. Tirana; 0130 Spanish talking and cmntry program (Halsema 3/6).
- 9795 USSR R. Moscow; 2200 English news of invasion of Vietnam (Reynolds 2/18).
- 9805 EGYPT R. Cairo; 2230+ English talk about Mid-East (H. Johnson, Yajko, Zilmer).
- 9815 ISRAEL IBA; \*2000 English nx & DX Corner (R.Jordan, Boik). 2230 EG Calling All Listeners (Simaschko, Abbey, J. Williams, Woltman). 0415 Hebrew music and talk (Brookwell 1/23).
- 9820 CHINA R. Peking; \*1200 English news and talking about China (Woltman, Simaschko).
- 9833 ISRAEL IBA; 0500 English news and weather program (Woltman 1/3).
- 9860 CHINA R. Peking; 1445 English Listeners Mailbag (Kissane 2/4).
- 9910 INDIA AIR; Parsi 1625 with local music and talking (D.W. Johnson 2/24).
- 9940 CHINA R. Peking; 2325 Chinese continuous talking (R. Jordan 2/19).
- 9977 KOREA (NORTH) R. Pyongyang; 0805 Korean ID (Brookwell). 0940 Russian talk (Klein). 1200-1251\* EG talk on unification (Goss, Cunningham, Boik). \*2300 EG tk (Labossiere, ↘
- 10000 ENGLAND MSP Time Station; 1030 Time & Morse code ID (Marker 2/17). //Simaschko. 2308 CW Identification every 10 minutes (Saltmarsh 3/6).
- 10010 VIETNAM VOV (Hanoi); 0006-0100 Vietnamese talk and music (Reynolds, Brookwell).
- 10010 UNIDENTIFIED; 0555 English Quick SSB talk then into American Top 40 pgm (Simaschko).
- 10040 VIETNAM VOV (Hanoi); 0100 Vietnamese cmntry (Kissane). 1305 FR tk (R.Jordan). 1621 EG tk of invasion (Poppin). 1800 EG news (Higgins). 2035 EG cmntry (R.Jordan).
- 10060 VIETNAM VOV (Hanoi); 0011 Vietnamese talking by man (Brookwell 1/8)
- 10100 CANADA CFRB; (Harmonic: 10 X 1010) 1345 EG weather report. Excellent sig (Miller 2/17)
- 10570 NUMBER STATION; Woman amid background noise 2239 on AM giving 177-660-584 (Hauser 1/28)
- 11100 CHINA CPBS Taiwan Svc; 0005 Chinese exhortations by woman. V. poor (Robins 2/15).
- 11261.6 UNIDENTIFIED; BBC px hrd here weakly till 0025 s/off//6175. Tx test? (Robins 2/12).
- 11330 CHINA R. Peking; 0015 Chinese identification by woman. Fair (Robins 2/12).
- 11350.8 KOREA (NORTH) R. Pyongyang; 0013 Spanish pgm with Korean music (Robins 2/12).
- 11505 CHINA CPBS HS-1; 0000 Chinese anncts w/bizarre mx, perhaps from one of the much touted "National Minorities." (Robins 2/12). 0639 Chinese Soap Opera (Brookwell 2/3).
- 11515 CHINA R. Peking; 0003 SEA lang w/beautiful mx (Robins 2/12, Underdown 2/22).
- 11600 CLANDESTINE V. of Democratic Kampuchea; 1200 Lang w/ID & talk (Cunningham, Saylor).
- 11620 ISRAEL IBA; 0500 EG nx w/appologies for shorten news due to sanctions from Jewish
- 11620 INDIA AIR; 1805-2230\* English nx, cmntry, etc. (Reynolds, ↘ //journalists (Nikolich). Cucura, Wilson, Overcamp, Klein, Nikolich, Yajko, R.Jordan, D. Johnson, Sandborn, George, Thompson)
- 11659 CHINA R. Peking; 2309 Cambodian talk on Russia (Willis, Cosier 1/27).
- 11683 SAUDI ARABIA BSKSA (Riyadh) 0500 Arabic ID and news on Iran (Prath 2/17)
- 11695 CHINA R. Peking; Cambodian 1200-1250//6520 & 9440. On same day an unscheduled Cambodian pgm was hrd on same freqs 1300-1350, Jan 17th. On 1/27 French hrd 1300-1355 (Willis).
- 11700 DOMINICAN REPUBLIC R. Clarin; 1730 Spanish w/several IDs & easy listening mx (Waite)

73, Tom

# log report *section*

## 11700 & ABOVE



### BOB BROWN

Back up to 5 pages this month with the improved propagation conditions. Many new reporters & new countries will be noticed. Thanks to all of you.

- \* \* \* \* \*
- 11705 SWEDEN RS; 2312-2325 EG, SW nx, (Earhart 2/13); 0215-0300 EG, ID, Mx, Rpt. on skiing, Tk on oil, Schd's, IS, (Boik, Schmidt 2/13)
  - 11705 W GERMANY DW; 0700 GM Px to Asia & Aust. (Brookwell 1/18)
  - 11705 ANTIGUA DW; 0230 EG ID into GM px, QRM R Sweden (Zilmer 4/4)
  - 11705 AUSTRALIA RA; 1130 EG, Pop mx px, ID, Tk (Prath 1/14)
  - 11710 NEW CALEDONIA R Noumea; 0758-0828 FR, ID, Mx, Tk, Comes in as good as R Tahiti with half the power!! (Jordan Tx. 2/22)
  - 11715 SWITZERLAND SRI; 0144-0215 EG, ID, Nx, Cmnty, (Abbey 2/6, Williams)
  - 11720 CANADA CBCNS; 1555-2230 EG, Mx, Nx, Phone in Px, (Mann, Ottaway)
  - 11720 HOLLAND RN Lopik; 0715 EG Nx to W Africa (Brookwell 1/18)
  - 11720 CHINA R Peking; 0900/1010 EG Cmnty, (Klein 2/3, Zilmer 3/1)
  - 11730 LEBANON RL; 0248 EG ID, Het. Fair, (not sched.-ed.) (Schmidt 2/7)
  - 11740 CYPRUS BBC; 0400 AR Tk w/ Big Ben IS, Poor (Brookwell 1/25)
  - 11755 JAPAN RJ; 0400 EG Nx & Cmnty on CH invasion of VT. //17880 (Johns)
  - 11765 W GERMANY DW; 0453 EG ID & Nx, "Science Mag." (Koelble 2/17)
  - 11765 PHILIPPINES FEBC; 0815-0920 EG Nx, Rel. Px, (na ID)(Jordan Tx. 3/4)
  - 11768 UNID ? 2211 AR, Very strong, no // freqs. All AR stations ckd.(Willis (reported as 11765 in March LRD-1)
  - 11770 MEXICO RM; 0320 SP, "Letterbox Px" (Translated from EG) (Reini 2/9)
  - 11770 NIGERIA VON; 0605/0650 EG, ID, Nx, AF Mx, poor mod. (3- Reporters)
  - 11770 USSR RMWS; 1800-1830 EG ID & Nx, "Round & About the Sov. U." (Williams)
  - 11775 SPAIN REE; 2238/0300 SP Tk, ID, & Freqs.(Harrington 2/16, Saltmarsh)
  - 11772 INDONESIA RRI Jakarta; 0610 ? Nx, up from 11770-het. //15200 (Willis)
  - 11792 COLOMBIA R Nac; 0932 SP ID & Freqs. into folk mx, (Pappas 2/26) 11795?
  - 11800 AUSTRALIA RA; 1757-1806 EG ID, IS, Nx, QRM VOA, (Jordan Pa. 1/22)
  - 11800 FINLAND FIR; 2330-0000 EG Nx & Tk on sports. (Boik)
  - 11800 ITALY RAI; 0100 EG Nx & Cmnty //9575 (Zilmer 3/6)
  - 11800 SRI LANKA SLBC; 1335 HD Px w/ SAs mx, sitar etc. to Asia (Robins 2/24)
  - 11805 E GERMANY RBI; 0110-0310\* EG, ID, IS, Nato nx, "Mailbag" (3-REP.)
  - 11805 SEYCHELLES FEBA; 0310 AR, ID, IS, Rel. vocals (Moon 2/19)
  - 11808 ITALY RAI; 0830 IT s/on, Het. causing off freq. reception. (Willis)
  - 11810 CHILE VOC; \*0404-0434\* EG, Chilean Mx (Labossiere 2/21)
  - 11810 INDIA AIR; 1400-1440 EG, ID, Sitar mx, "Poetry" (Jordan-Tx, O'Riordan)
  - 11815 POLAND Polish R; 0205-0320 EG, ID, Nx, Cmnty, into PL at 0325 (4Rep)
  - 11815 CANARY ISL RNEC; 2049-2100 SP, ID, mixed mx (Prisco 2/17)
  - 11815 INDIA AIR; 2245 Lang, s/on w/ IS //11770, Good but QRM (Willis 1/26)
  - 11820a MOZAMBIQUE RM; 0400/0552 PT, Local mx, Good level but het. w/ another station on 11820. Arrives via short pathover IN ocean (Johnson, Willis)
  - 11825 LEBANON RL; \*0231 AR into EG, ID, Pop & Disco Mx (Novello 2/26)
  - 11835 HAITI 4WEH; 1202 EG, Wnx, "Bulletin Board" (Yajko 2/16)
  - 11840 LIBERIA ELWA; 0700-0730 EG, ID, Rel. Px, Good but jammed (Goss 2/3)
  - 11850 GUAM KTWR; 1430-1444 EG ID into Rel., //15215 QRM VOA (Nikolich 2/13)
  - 11855 SEYCHELLES FEBA; 0300\* s/off in EG (Wirsz 1/11)
  - 11870 AUSTRALIA RA; 1610-1630 EG Nx, Sports, Pop mx, poor (Mann 2/10)
  - 11875 JAPAN RJ; 0900-0915 JP Nx by OM (Zimmer 3/3)
  - 11883 PAKISTAN RP; 0230 Tk in regional lang.(not Urdu)QRM-Jammer on 11885. Does anyone hear Zambia on 11880 as we used to? (Willis)
  - 11890 CHILE VOC; 0100/0410 EG, Nx, Cmnty, Mx, QRM both sides(Earhart, Warner)
  - 11900 S AFRICA RSA; 2150/0200 EG, Nx, Mx, "Panarama" (3-Reporters)
  - 11905 ITALY RAI \*0140 s/on w/ "Dranken Canary" IS to LAmerica (Brookwell)
  - 11910 HUNGARY R Budapest; 0300-0413+ EG, Nx, Cmnty, DX Club, (6-Reporters)
  - 11920 BULGARIA R Sofia; 2150-2200 EG ID & BG Mx & Tk. (Findlater 3:10)
  - 11925 BRAZIL R Banderantes; 0015-0045 PT Mx Px w/ ID & ads. (Mann 2/6)
  - 11930 CUBA RHC; 0148 EG, Mx, Cmnty on Cuban Culture. (Abbey 2/25)
  - 11935 PORTUGAL RP; 0300/0500 EG, ID, Nx, Mx, Cmnty (5-Reporters)
  - 11955 UK BBC; 1150 CH, "London calling Asia" (Halsema 3/10) 0735 EG, "Voice of The Violin" Px (Schumaker 2/17)
  - 11955 ANGOLA R Nac; 0458-0600 Local Mx, IDs, IS (Brookwell 3/2, Pappas 2/1)
  - 11960 ECUADOR HCJB; 0145-0205 SP, ID, Rel. Mx & Px (Thompson 2/27)
  - 11960 MALI R Nac M; 0756-0815 FF, Band Mx, ID, bad Het (Ottaway 2/18)

11985 AFGANISTAN RA; 1900 EG sign on freqs. //15295 (Blumberg 2/14)  
 11970 INDONESIA VOI; 1400-1415 EG, ID, Nx, announced 15200 not hrd(Ottaway)  
 11990 KUWAIT RK; 1915-1945 AR Px & Mx, ID, (Jordan Pa. 2/25)  
 11990 CZECHOSLOVAKIA R Prague; 0100-0340 EG, ID, Nx, Cmtry, (4-Reporters)  
 12000a SWITZERLAND SBC; 0145-0150 EG, "Dateline" weak (Joseph 2/22)  
 12012 COSTA RICA R Relej; 0102 SP, News, 2x6006 (Brookwell 1/8)  
 12020 USA VOA; 2110-2235 EG, Usual Pxs to Africa. (Halsema 3/10)  
 12040 UK BBC; 2201 EG, News abt. Iran etc. (Marker 2/11)  
 12080 USSR RMWS; 1430-1500 EG News & Cmtry (Watts 1/18)  
 12095 UK BBCWS; 0930 EG Tk on oil crisis, financial nx, good (Ethan 2/16)  
 12120 CHINA CPBS; 2345 CH orations by W //7504,9064 QRM RTTY ute (Robins)  
 12175 ICELAND RR; 0820 EG, Voice mirror for test purposes. Best chance to get them. SSB, (Klein 2/10)  
 12260 USA VOA; 0125 EG Tk on Video Discs. 2x6130 (Marker 2/18)  
 13820 USSR RMWS; 0830 EG, USB feeder, poor (Brookwell 3/5)  
 14580 USSR RMWS; 0341 RS IS into EL Mx, 2x7290 (Marker 3/4)  
 14970 ? Number Station, 3 digit numbers by W in EG (Marker 2/25)  
 15004 USSR RID TIME STATION; 2218/0017, ID in SW (Cunningham, Marker)  
 15012a VIETNAM VOV; 1800-2126\* EG, ID, Mx, Nx- mostly abt. the CH invasion. (10- Reporters); 1800 On the first day of the invasion there was much tk abt. "Vietnams options for her defense fm. other friendly countries & the completely uncalled for invasion of N Viet. I taped it on 2/17. Checks reveal that CH is playing it very quietly. (Hywarren)  
 15045 CHINA R Peking; 1350 CH local Mx, Tk by OM (Prath 1/7)  
 15060 CHINA R Peking; 2400-0130 EG, Nx & Mx (?- Reporters); 0100 Speeches by Carter & Teng, "Song of the Redwood Tree" in honor of the trees given by Nixon which only grow in "CH & California" (Field 1/31)  
 15060 SAUDI ARABIA BSKSA; 1659/0510 AR Tk & Mx, (4-Reporters); 0519 ID, Tk on Iran, hrd. the word "alim"- a scholar who interprets the Koran & applies it to current situations. (Pappas 2/16)  
 15084 IRAN VOI; 1830/0320 FS, Mx & Tk (4-Reporters); (ed- my research shows the lang. is Persian not Farsi as reported. also in WRTH) 0000-0100 Persian. On the day of the revolution, this bdst & the U of Manitoba DX SWL Club was the only link to home for 20 Iranian students who spent the time in our tiny club all at once. (The club, Hywarren, & Roberts, on & after the revolution) (good plug for SWLing- ed.)  
 15095 CHINA R Peking; 1710/0315 CH, ID, Tk by YL (Blumberg, Prath)  
 15100 USSR R Kiev; \*0030-0100\* EG, "Mailbag", Mx request Px etc. (Springer)  
 15105 UK BBC; 1700 EG, W & Af Nx, Tk on Rodesia (Ethan 1/13)  
 15105 ISRAEL IBA; 0500 EG, Shortened Nx, Reference to "United Press" since when has UPI returned to UP? (Hauser 3/6, Zilmer 3/5)  
 15110 CZECHOSLOVAKIA R Prague 1550 EG ID "Weekend Music Box" (Ethen 3/3)  
 15120 VATICAN VR; 1505 EG s/on w/ Bells, Unusual time ? (Jordan Tx. 3/6) It is scheduled at this time in WRTH. ed.)  
 15120 SRI LANKA SLBC; 1848 EG ID into a "BeeGees" tune (Waite 2/25)  
 15125 TURKEY RT; 1200-1230 EG, "DX Corner" Watts 2/24)  
 15135 NORWAY RN; 0000 NO, "Norway This Week" //11850, 9645 (Zilmer 3/15)  
 15140 AFGHANISTAN RA; 1830 EG ID into Lang. Px, then GM Tk Px (Robins 2/25)  
 15140 USSR RMWS; 2400-0030 EG, ID, "Moscow Mailbag" // freqs good (Williams)  
 15145 USA WINB; 0103-0230 EG, Rel Pxs- etc. (Jordan Pa. 1/27, Laboisiere)  
 15155 S AFRICA RSA; 1955PR into EG at 2100, IS & ID (Wood 2/28 & ?)  
 15165 DENMARK RD; 1058/1726/0900 EG/DN, Nx, Mx, Sports (4- Reporters)  
 15165 INDIA AIR; 1855-2230\* EG, ID, Mx, Nx, Tk on traditional Hindi marriage rituals. //11620 (Krueger 2/28, Pappas 2/25)  
 15170 E GERMANY RBI; 1800-1845 EG, Nx, Cmtry, "Letters" (McKinney 2/18)  
 15175 NORWAY RN; 1606-2215 EG, Nx, Mx, Tks, Cmtry (4-Reporters)  
 15175 SAUDI ARABIA BSKSA; 1635-1715 AR, Chanting & Talks (Thompson 2/27)  
 15185nfr CANADA RCI; 0100-0127 FR, News (Wood 2/10) (this is 15190- ed.)  
 15185nfr NIGERIA VON; 0558-0735 EG, ID & freqs, "Cavalcade" Px, ex-15120(4-Rep  
 15185 SRI LANKA VOA; 0016-0300 EG, ID, Nx, Mx, (3-Reporters)  
 15195 JAPAN NHK; 2330-0210 EG, Lang. lesson, "Music Time"(Harrington,Kissane  
 15200 INDONESIA RRI-Jakarta; 1410 EG Nx of internal affairs. (Willis 1/22)  
 15200 FRANCE RFI; 2000 FR Px to Africa, TC & ID (Brookwell 2/12)  
 15210 FRANCE RFI; 1730 EG, "Spot Light on Africa" (Boik)  
 15210 EGYPT R Cairo; 1335 AR Chants (Prath 1/14)  
 15220 HOLLAND R Neth; 1720 AR Tk, s/off w/ address (Ethen 1/13)  
 15220 USSR RMWS; 1100-1130 EG, Nx & Mx (Watts 2/22)  
 15240 USSR R Kiev; 0035-0055 EG, WNx, Cmtry on them being "first to recognize Iran's new Govt.", "Panorama" //77260,7320-late (Jordan Pa.)  
 15255 ROMANIA RTR; 0135 EG Nx to NA, QRM co channel jammer (Robins 2/14)  
 15260 ASCENSION ISL BBC; 0000 EG, WNx to SAM instead of NAM (Zilmer 3/5)

- 15265 HUNGARY R Budapest; 0600-0700EG, Tk on Human Rights (Johns 2:10)  
 15273 URUGUAY SODRE; 0035 EG, US Mx, Sports, Unusually good for such a low power station (800 W) (Blumberg 2/14, Robins 2/12)
- 15275 PHILIPPINES R Veritas; 0030 EG, Pop Mx (Zilmer 3/4)  
 15280 BRAZIL R Mac B; 0212-0238 EG, Cmnty on local topics (Halsema 3/11)  
 15280 SINGAPORE BBC; 1030-1115 EG, ID, Mx, "World Radio Club (Nickolich)  
 15290 PHILIPPINES VOA; 0024 EG, ID, Nx, feature reports, QRM (Wirsz 1/9)  
 15295 ECUADOR HCJB; 0412 SP ID & Easy listening Mx (Wirsz 1/31)  
 15300 FRANCE RFI; \*1705-1800 EG, Nx, Mx, to Africa (Boik, Schmidt 2/11)  
 15300 LIBYA PRBC; 0700-0750 AR, ID, Mx, //5980 (which is Libya not Lebanon as reported in LR-B previously) 15300 better (Pappas 2/23, Klein 2/27)
- 15305 CHINA R Peking; 0030-0110 CH/SP, ID, IS, TL & Nx (Jordan Pa. 1/18)  
 15305 SWITZERLAND SRI; 1315-2345 EG, Nx, "Name Game" (Zilmer 3/4)  
 15310 OMAN BBC; 1300-1515 EG, ID, Wnx, Mx, "Radio News Reel" (3-Reporters)  
 15310 JAPAN RJ; 0100-0105 EG ID, Tk, feded out (Jordan Pa. 1/18)  
 15312a UNED 2025 LANG, AF Mx & Tk, off at 2129 (Underdown 3/1)  
 15315 USA VOA; 2152-2204 FR, Mx & Nx to Africa. (Halsema 3/10)  
 15315 NORTH ANTILLES RN; 2340 SP, ID, Tk (Harrington 2/15)  
 15320 AUSTRALIA RA; 0415-0426 EG, "International Report" (Jordan Pa. 3/5)  
 15325 BRAZIL R Gazeta; 0125 PT, "Futebol" game, (Robins 2/14)  
 15325 CANADA RCI; 2015 EG, Sun. Px to Eur., Dx Px, (Goldman 2/25)  
 15335 AUSTRIA ORF; 1850-1857 EG service to Africa, (Jordan Pa. 3/4)  
 15335 EGYPT R Cairo; 2130 FR, Local Mx & Tk to W Africa (Zilmer 2/18)  
 15335 INDIA AIR; 1330-1350 EG, Nx, Mx, ID, IS, Sports //11810 (4-Reporters)  
 15340 CUBA RHC; 0030-0100 SP, Nx & Cmnty by M & W (Jordan Pa. 1/23)  
 15350 LUXEMBOURG RL; 1835-1845, 0133-0215, 0737 FR, Various Mx (3-Reporters)  
 15360 FRANCE RFI; 1705 EG, ID, "Paris Calling Africa" (Williams 2/11)  
 2115 FR, various Mx & fast talking (Reini 2/10)
- 15360 MOROCCO R Tangier; 1550 AR folk Mx, Tk by M, //15335 (Novello 3/4)  
 15365 ROMANIA R Bucharest; 0540 EG, Wnx, followed by tk (Pappas 2/16)  
 15375 EGYPT R Cairo; 2145 EG, Local Mx & Cmnty to W Africa (Zilmer 2/18)  
 15380 AUSTRIA ORF; \*2100-2130 GM, ID, Nx, Mx, (Mann 2/5)  
 15385 MEXICO RM; 0255 SP, ID, EZ Mx, Swamped by VOA at 0300 (Saylor 1/21)  
 15385 SWITZERLAND SRI; 1530-1600 EG, "SW Merry-Go-Round" //15305 (Williams)  
 15400 ASCENSION ISL BBC; \*1600 Lang, ID, IS, Tk (Ethen 3/3)  
 15400 USA VOA; 1700 EG, World News (Swanson 1/28)  
 15400onf FINLAND FIR; 1300-1500 EG, ID, Nx, Wx, Sports, Cmnty, (7-Reporters)  
 15414a BRAZIL R Ribeiro; (?) PT, Usual pop mx px, usual QRM (Robins 2/14)  
 15415 ISRAEL IBA; 1200 EG, Nx, Cmnty, SPORTS, Ads (Zilmer 3/5); 0515-0520 EG ID into FR Px w/ Nx (Cunningham 3/3)
- 15420 CYPRUS BBC; 0715+ EG svc. to Africa (Rubin 3/5, Wirsz 1/25)  
 15425 AUSTRALIA ABC Perth; 0110-0120 EG, Cricket match, Ads (Jordan 2/14)  
 0230-0315 EG, Mx requests fm Africa. QRM AFRTS 15430 (Brookwell 1/19)  
 15425 FRANCE RFI; 1730 EG ID into "Spot Light in Africa" (Boik)  
 15425 PHILIPPINES VOA; 1100 EG News (Zilmer 3/5)  
 15425 TAIWAN VOFC; 0100-0130 EG, ID, Nx, Mx, Tk, (Reynolds 2/18, Williams)  
 15440 USA WYFR; 1645 EG, "Mailbag" (Swanson 1/28); 2010+ RS PX (McCants)  
 15445 USA VOA Liberia; 2109-2138 EG, Usual features (Halsema 3/10)  
 15450 PHILIPPINES FEBC; 2315 EG News, QSB (Golden 3/3)  
 15455 USSR R Kiev; 1838,0140,0300 EG, "Mailbag", "Hello fm Kiev" (3-Report)  
 15460 USSR RSP&P, RM; 1337-1355 EG Cmnty on Iran, Salt Talks, China, Japan (McCants 2/12); 0639 EG, RS by radio Px (pappas 2/23)
- 15475 EGYPT R Cairo; 1400 AR Mx & Chants (Prath 1/21)  
 15485 ISRAEL IBA; 2230 EG, Nx, Cmnty, "Calling all Listeners" (Zilmer 3/4)  
 15490 USSR RMWS; 0100-0230 RS/SP, ID, Nx, Mx, Cmnty, (Wood 2/15,3/1)  
 ( I asked in Feb. if anyone else hrd this, here is my answer- ed.)
- 15500 NORWAY RN; 2210-2220 NO, Xmas type songs (Joseph 2/17)  
 15520 USSR RP&P; 1500-1530\* EG, Id, Nx, Cmnty (Labossiere, Williams)  
 15525 CHINA R Peking; 0012 EG, Nx, Cmnty on Vietnam invasion (Underdown)  
 15530 ISRAEL IBA; 1220-1232 EG, Schedule & ads into FR (Krueger 3/1)  
 15540 ISRAEL IBA; 1200 EG, Nx, Wx, Sports, ads (Zilmer 3/5)  
 15545 ISRAEL IBA; 2000 HB; (Home service) Nx, Mx, Cmnty (Zilmer 3/4)  
 15600 CHINA R Peking; 0100-0200 EG, ID, IS, Nx, Mx, Tks (3-Reporters)  
 15600onf KAMPUCHEA VODK; 2310-2358\* CM, Continous talks by M & W interspersed w/ patriotic songs & orch Mx. Heard similar Px on 11600 at 1205-1240. cld make out "Vietnam, Kampuchea, Teng Hsiao Ping" (Jordan Pa. 3/6)
- 15800 CHINA R Peking; 0040-0055 EG, CH folk songs (Joseph 2/4)  
 16223 USA VOA Bethany; 2104-2140 FR Nx into EG at 2105, USB feed to Monrovia Weekend service to Africa, (Halsema 3/10)  
 17640 ISRAEL IBA; 2200 HB, (Home service) Nx, Mx, Tk, Cmnty //17630 (Zilmer

- 17640 PAKISTAN RP; 1430 Lang, Mx, Tk, Hum & Tonal sounds-jamming(0'Riordan)  
 17680 CHILE VOC; 0100 EG, ID, Song Festival competition. (Byron 2/7)  
 17685 ISRAEL IBA; \*2230-2300 EG, "Calling all listeners." "DX Px"(Hoffman)  
 17690 EGYPT R Cairo; 1625 AR Mx Px-Chanting (Prath 1/6)  
 17695 UNID \*1930-2020\* FR?; Pop Mx, YL sounded like VOA African Safari sex-pot. Not sched. as BBC whose freq it is. BBC will not give out scheds (Brookwell 2/14) (rept as RN-Lopik in Feb. LRB-3 ed.)  
 17700 USSR RMWS; 0809 EG Nx, Mx, ID, etc. (site listed as Tbilis)(Underdown)  
 17705 CUBA RHC; 1543-1600 SP, LA Mx recorded at pol. rally, (Mc Cants 2/13)  
 17705 INDIA AIR; 0345-0400 HD, Tk w/ Indian inst. Mx (Ottaway, McVicar)  
 17710 LEBANON RL; 2329 PT, ID, into AR Mx (Novello 2/16); 0030-0100\* ID, Tk, Mx, freq sched. (Blumberg 2/14, Zilmer 2/27)  
 17710 USA VOA Bethany; 2050-2100 EG, Nx, "This Weekend" (Halsema 3/10)  
 17720 USA WINB; 1815 EG, "Mailcall" Px (Prath 2/24)  
 17720 USA VOA Delano; 2205-2208 Lang, Talk, QRM-Moscow? (Halsema 3/10)  
 17730 USA WINB; 1753 EG, Gospel huckster, ex17720 I believe. (Hauser 3/5)  
 17735 FRANCE RFI; 1735 EG, "Paris Calling Africa" (Koelble 2/10)  
 17740 ISRAEL IBA; 2230 HB, Home svc w/ pop mx & EG records //17630 (Hauser)  
 17740 USA VOA; 2135-2140 AR, Talk (Halsema 3/10)  
 17745 EGYPT R Cairo; 1445 AR Mx Px (prath 1/7)  
 17755 JAPAN RJ; 2302 EG Nx, Sports, "Tokyo Calling" (Abbey 2/4,Halsema)  
 17765 MEXICO XERMX; 0110-0125 SP, Band & pop mx, QRM\_AFRTS (Halsema 3/9)  
 17770 ITALY RAI; 1830 IT ID by YL, Nx (Prath 2/24)  
 17770 NEW ZEALAND RNZ; 0300-0600 EG, ID, Nx, Mx, (6-Reporters)  
 17770 NIGERIA VON; 0735 EG, ID, Nx (Ethen 1/13)  
 17775 CZECHOSLOVAKIA R Prague; \*-730 EG, ID, IS, freqs, to AS,Af (Pappas)  
 17795 W GERMANY DW; 1940-1950 EG, "Window in the World" (Prisco 2/20)  
 17810 BANGLADESH RB; 2100-2120, Back after 3 mos. silence. (Watts 1/16)  
 17810 NETH ANTILLES RN; 2120\* EG s/off & freqs. (Mann 2/10)  
 17825 BULGARIA R Sofia; \*2200 IT. s/son into IT Px. (Yajko 3/4)  
 17845 W GERMANY DW; 0745 GM, Discussion in learning German. (Schumacher)  
 17880 JAPAN RJ; 0300 EG, Nx & current topics. (Johns 2/15)  
 17880 MALAYSIA BBC; 0000-0045\* EG, Nx, Vocabulary lesson. (Labossiere 2/14)  
 17890 AUSTRALIA RA; 0440 EG, ID, Pop Mx, Interview (Pappas 2/16)  
 17895 USA VOA Delano; 2200-0300 EG, Nx, Mx, "Breakfast Show" (Halsema 3/6)  
 17927 CUBA RHC; 2030 EG, Nx, Mx, Political tks. (Zimmer 3/1)  
 18000 USA RYFR; 1700-1710 EG, American songs, Bdcst. sched. (Joseph 2/3)  
 19370 CUBA RHC; 2248 SP, Harmonic better than fud. 2x9685 (Hauser 1/22)  
 19480 USA VOA; 2210-0130 EG, "Breakfast Show" (Halsema 3/9)  
 21460 USA VOA Delano; 0220-0230 EG, "Breakfast Show" (Halsema 3/6)  
 21480 ECUADOR HGJB; 1808 CZ; Rel. Px, Violin & organ mx. (Brookwell 1/27)  
 21485 USA VOA Bethany; 2140-2235 EG, "Africana", "Nx & Features"(Halsema)  
 21485 FINLAND RF; 1430-1500 EG, Added this at last min. for this time only. Some QRM but better than 15400 suffering from absorption. They wd. be better off to use 21685 or vicinity. But this is used to mid-east also. Ann. that 2330 to NAM is on 11735 & 15265. (Hauser 3/7)  
 21495 FINLAND RF; 1000-1030 EG, "Compass North" (Watts 2/24)  
 21500 USA VOA Delano; 2225-2235 KHMER/VT, Talk; ID by EG Ann. (Halsema )  
 21505 SAUDI ARABIA BSKSA; 1635-1658 AR Tk, Inst. Mx, Chants, ID (Thompson)  
 21510 PIRATE USA-Minn.; \*0295-0302\*EG, ID as "Voice of Venus" & "Voice of the Northern Prairie", Beamed to W. Coast (Schumacher 2/25)  
 21510 ITALY RAI; 1520 IT, Fast tk by OM. Possible soccer game. (Prath 1/7)  
 21550 KUWAIT RK; 0700-0745 EG, "Kuwait Spectrum" (Watts 2/22)  
 21550 USA VOA Greenville; 2130-2150 AR, Nx & Features (Halsema 3/10)  
 21570 USAAFRTS; 2126/0220 EG, Usual Programs (Halsema 3/6, Hynes 3/6)  
 21590 PAKISTAN RP; 0235-0245\* EG, Slow speed nx. (Blumberg 2/15)  
 21590 USA VOA Greenville; 2123-2127 EG, Feature Wx comedy spot. (Halsema)  
 21590 USSR RMWS; 0525 EG, Site is Serpukhov, T Central Af. (Hauser 1/24)  
 21600 W GERMANY DW; 1200-1235 EG, "Mailbag", "Trade & Aid" (Fraser 2/12)  
 21614 SWEDEN RS; 1400-1430 EG, Usual programs (8-Reporters)  
 21630a SWITZERLAND SRI; 1315-1345 EG, International & Swiss Nx. (Zilmer 3/5)  
 21660 ASCENSION ISL BBC; 1100 EG, World news Zilmer 3/5)  
 21660 USA VOA Tangier; 2115-2125 EG, Feature- US Art Museums. (Halsema 3/10)  
 21675 FRANCE RFI; 1430-1555 FR, ID, Pop Mx, Tks, (4- Reporters)  
 21690 SWEDEN RS; 1000-1030 EG, "Saturday Show" very interesting (Watts 2/24)  
 21695 USA VOA Delano; 0130-0230 URDU/HINDI, Talk (Halsema 3/6)  
 21720 NORWAY RN; 1450 NO, ID, Mx, Tk, (Johnson 2/28)  
 21735 MOROCCO RTVM; 1440-1508 AR chants.& Talks. (3-Reporters)  
 21740 AUSTRALIA RA; 0200-0215 EG, World & Auct. Nx, Sports, (Halsema 3/6)  
 21745 USA VOA DELANO; 0015-0030 CH, (Halsema 3/11)

- 22210 USSR Mayak; 1412-1530 RS, Surprised to hear this here. IS, Brief tk & mx. Not //24140, Not a harmonic or feeder. May have been here for a long time as I don't check 22-23mhz for harmonics. (Hauser 3/7)
- 23780 CHILE VQC; 0108-0135 EG into SP, Nx by YL, 2x11890 (Underdown 3/1)
- 23455a LETTER STATION; 2231 EG letters given in military phonetics. (Hauser)
- 24040 USSR RM; 1701/1859 EG, Irish svc. 2x12020 or 4x6010 (Hauser 3/5)
- 24140 USSR RM, 1759 AR?, 2x12070 or 4x6035 (Hauser 3/5)
- 24480 ???? BBC; 0153 EG, News off suddenly at 0156 (Underdown 3/1)
- 24720 USSR RM; 1555 AR ID, 4x6180 (Hauser 2/10)
- 24740 USA VOA; 1555-1600 EG, Must be 4x6185, unusual at this hour from that direction. (Hauser 2/10)
- 25350 W GERMANY DW; 1359, RFE/RL ISB feeder, no jamming, wonder why the commies don't jam the feeders also? (Hauser 2/19)
- 25605 ISRAEL IBA; 1400 Yiddish, IS, fair when not jammed. (Noonan 3/7)
- 25620 USA AFRTS; \*2202-0331 EG, Nx, class mx, (Noonan 3/4); 0355, Here nowex-17765 which Mexico has expropriated, Strong eves. (Hauser) 0330 EG, Usual pxs. Quite late for 1meters here. (Higgins 3/16)
- 25640 ISRAEL IBA; 1400-1425 Yiddish, IS, Weak & jammed. (Noonan 3/6)
- 25690 ???? R Liberty; 1647-1899\* Lang, ID as R Svoboda, jammed (Noonan 3/5)
- 25800n FRANCE RFI; 1350-1358\* FR.Talk, pop mx, Sched, (Noonan 3/8) 1330 FR, ex-25620, Stronger than RSA on 25790, Allows easy check on Africa vs. Europe paths on 11m. (Hauser 3/5)
- 25880 USA VOA; 1730-1830\* PT Tk & Mx to Africa. Site-? (Noonan 3/4)
- 25990 USA VOA; 2258/2330/0200 EG, "Breakfast Show" etc. (Halsema, Higgins)
- 26040 USA VOA; 1630-1645 EG, Request mx show to Africa. (Miller Jr. 2/17) 2040-2245 EG, Nx, Mx, to Af. (Halsema 3/10); 1530-1550, Interesting propagational effects noted here on 2/26 during the total solar eclipse. Normal signal, little fading till about 1630 when darkness was already sweeping across from the west coast. (the partial eclipse began here in Winnipeg at 1536.20) Fades appeared & moved rapidly until totality here at 1647, when this freq faded out completely. At 1649.16 as totality ended this freq faded back in & returned to normal at 1710. (eclipse ended here at 1803). Watch SW Center for an article on the eclipse from Manitoba soon. (Hywarren 2/26)
- 26095 USA VOA; 2250-2310 EG, "Breakfast Show" (Halsema 3/10)
- 30300 CANADA RCI; 2130 EG, IS, This 2x15150 harm heard mixing w/ the usual open carrier which is probably a repeater somewhere. (Hauser 1/3)
- 30630 PORTUGAL RP; 1545 EG, News, 2x15315 (Hauser 2/11)
- 38880 USSR RMWS; 1532 EG, DX FX, Surprised to find this here, 4x9720 or 8x4860, UHN lists 9720 as Riazan or Vinnitsa. (Hauser 2/10)
- 41250 FRANCE RFI; 1325 FR, TP-1 TV Audio, Rock Mx, //13m France-International freqs such as 21645, 21580. An article on this type of DXing appears in my March "DX Listening" column in Pop-Tronics (Hauser 2/13)
- 41500 UKOGBANI BBC-1; 1450 EG, QRM-France, Hets from several BBC offset freqs a few khz apart. Two BBC TV audios-must be regional cutaway. "Pink Panther" w/out the usual theme. Wx for Scotland, so maybe Divis. Mickey Mouse Club after Dog Show coverage. (Hauser 2/10)
- \* \* \* \* \*

If this gas shortage thing comes off this summer all of us will be doing a lot more listening. So here's to a long summer of good DXing..

73's till May

Bob

Sorry, there just wasn't any space left for the PUBLISHER'S PAGE. It will reappear next month with the list of members who won NASWA decals in the Cover Ident contest last month. The station was Radio Tahiti as many of you knew. One thing I would like to mention here is that Kim Andrew Elliot called to say that Rudy Espinal, the famous Radio Clarin announcer who has done so much for the DX/SWL hobby, is expected to be at ANARC-79. This is a good opportunity to meet him. For information on ANARC-79 write to ANARC at 3320 Grand Avenue South #305, Minneapolis, MN 55408

Bill

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G REPORTS

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Thanks to all, especially to those whose reports got shuffled around by the post office in any of several misroutings on their part. 73,

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