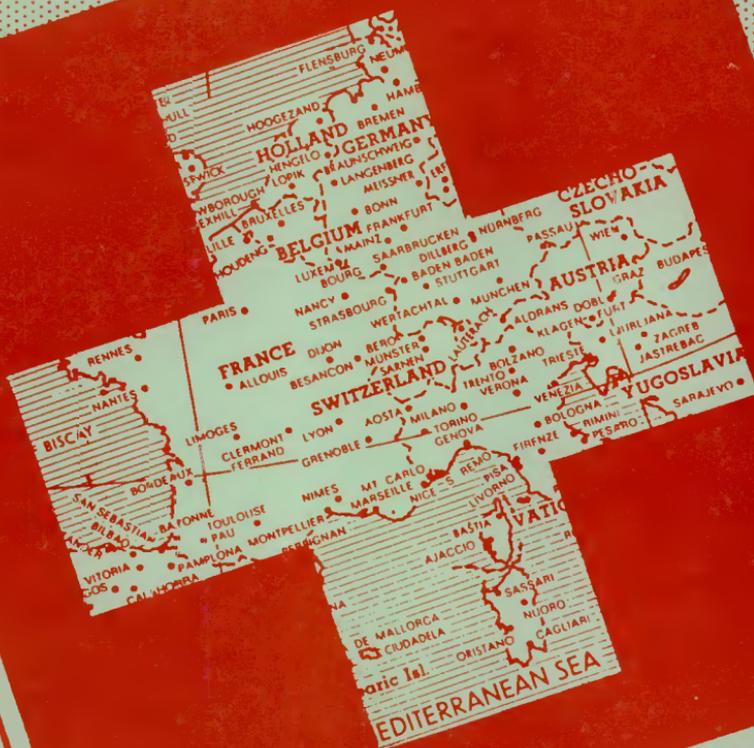


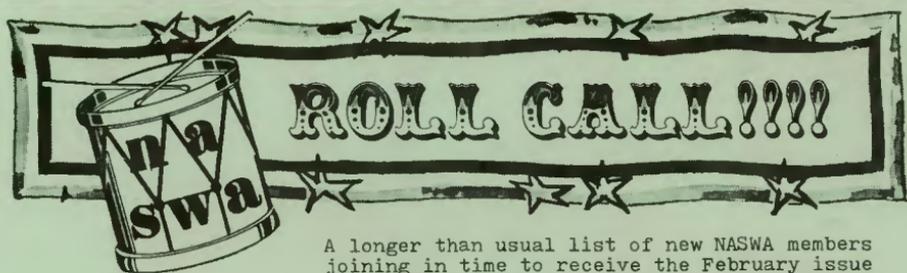
FRENDX



+SBC+

Swiss Broadcasting Corporation





A longer than usual list of new NASWA members joining in time to receive the February issue of FRENEX. 92 to be exact. We hope they find their new association to be helpful.

ALIFF, Calvin D., Roanoke, VA
 ANDERSSON, Lars, Frövi, Sweden
 ANDRUS, George, Louisville, KY
 AOYAGI, Hiro, Chiba, Japan
 ARCHAMBAULT, A.V., New Boston, TX
 ARVIN, R. Daniel, Cincinnati, OH

BARBER, Henri J.P., Durham, NH
 BARBER, Lance, Thompson, Man. **
 BARKDOLL, I.H., Tempe, AZ
 BENNER, Samuel C., Lindenwold, NJ
 BERKELEY, Ed, Tucson, AZ
 BODEK, Arthur, Cedarhurst, NY
 BONNET, Arthur G., W. Lafayette, IN
 BURGER, Richard, Kane, PA

CHATLIN, Sheldon, W. Bloomfield, MI **
 CHERNIKOFF, Joel D., Canton, MA
 COOPER, Eric, Mission Viejo, CA
 CORBETT, Richard, Lubbock, TX

DeANGLIS, Ralph, N. Providence, RI
 DERABERTIS, Robert L., Coram, NY

ECKMAN, Richard, Rockford, IL
 ERIKSSON, Göran, Lidingsö, Sweden

FIZER, Gary B., Huntington, WV
 FLANNAGAN, Melvin L., Jr., Charlottesville, VA

FOLSOM, Charles, Jr., Dillsburg, PA
 FORESTER, Dr. Felix E., San Juan, PR
 FORSCH, Casey, Wheeling, WV
 FOSBURGH, Randall J., Oak Creek, WI

GARDNER, George H., Eapr, CA
 GASH, Robert, Berkeley, CA
 GULA, Richard W., Boston, MA **

HABICH, Francis A., Louisville, KY
 HARRIS, David W., Pittsburgh, PA
 HASSMAN, Bret, Cincinnati, OH
 HENDRY, Elaine M., Glencoe, IL
 HIDDEN, Debra O., Orlando, FL
 HILL, Robert J., Redwood City, CA **
 HOFFMANN, Robert L. II New Hyde Park, NY

HOOVER, Chuck, Kingston, RI
 HUDSON, Don, Monticello, IN
 HUMPHREY, Mark E., Whitesboro, NY
 HUNT, David D., Lorain, OH
 HUNT, H. Lester, Daytona Beach, FL

JENKINS, Mark D., Milpitas, CA
 JEZICH, Nicholas M., Novi, MI
 JOHNSON, Wallace, Dent, MN

KINCAID, Frederick, Midland, MI
 KNUDDE, Stephen, Providence, RI
 KOSIC, Frank, Mountain Home, AR
 KRAUSE, Jim, Oxford, OH
 KRISCUNAS, Randall C., Rockford, MI

LANE, Harold E., Jr., Carlisle, MA
 LeBUTT, Marianne, Sidney, OH
 LIPINSKI, Edward J., Blackwood, NJ
 LIPMAN, Leonard H., Red Bank, NJ

McDONALD, Harold W., Mobile, AL
 Mac GIEHAN, Neal, Lexington, SC
 MacQUIDDY, Wayne, South Gate, CA
 MAGNESS, Thomas, Fremont, CA
 MANSFIELD, Richard, Philipsburg, PA
 MEERS, William J., Louisville, KY
 MOORE, Carl, Brattleboro, VT
 MOORE, William H., Waynesboro, PA

OSLICK, Alan, Monterrey, Mexico
 PUGH, Richard, Williamsburg, IA

REARDON, Joseph D., Smithtown, NY
 RICHARDS, Lester M., Portland, OR
 ROWLETT, John B., Seattle, WA

SANDFIELD, Dr. Russell, Rockport, MA
 SAPP, J.E., St. Francisville, LA
 SCHMID, J.C., Line Lexington, PA
 SCHNUR, Ken, Plantation, FL **
 SCHUMACHER, Carl, Jr., Houston, TX
 SEDLACEK, Ken, Westchester, CA
 SHRADER, Bob, Austin, TX
 SHRADER, Don, Lexington, KY
 SMITH, Elmo, Ardmore, OK
 SMITH, Frank, Easthampton, MA
 SPINKS, Rev. Murl, Clarksburg, WV
 STONE, Edward J., New York, NY

THOMPSON, Wayne, M., Silver Springs, FL
 TODD, Mike, Banner Elk, NC
 TREACY, Bob, Hyde Park, MA
 TRIPLETT, Lindon R., Pleasant Hill, MO

VORAL, Jay, APO San Francisco
 WALKER, Richard, Jackson, MS
 WATERMAN, Dr. William B., Simsbury, CT
 WEBSTER, Steve, Scarborough, Ont.
 WHYATT, Rev. A.E., North Walsham, U.K.
 WILHELM, Karen J., Eugene, OR

ZIMMER, Robert E., West Mifflin, PA

** Welcome back to NASWA

TRANSKEI AND NAMIBIA CLARIFIED: Don Jensen, NASWA Country List Committee chairman and his committee have recently acted upon the matter of NASWA country status for these African nations as far as our own purposes are concerned. Don's report is as follows:

"Just after Christmas, a new station, Capital Radio began broadcasting on shortwave from Umtata, capital of Transkei, one of the so-called Homelands, to which South Africa says it has granted independence. The station is apparently a commercial, pop music broadcaster.

"It has been reliably reported that another area in the southern African region will shortly have a shortwave broadcasting station operation. This is in what traditionally has been called South West Africa, now generally known as Namibia. A German territory prior to WW-I, the League of Nations mandated it to South Africa to administer. After a period of time when South Africa refused United Nations demands to move toward granting independence to the territory, Namibia now seems on its way toward that goal.

"The Country List Committee has studied the two cases and voted the following actions:

1. Transkei, and other so-called Homelands, Ciskei, Bophuthatswana, Lebowa, Kwazulu, Gazankulu, Venda, Basotho-Owaqwa, Swazi Territory, and South Ndebele, will not be considered as separate countries for the purposes of the NASWA Country List. Stations in these regions may be counted as South African stations only.

2. That when a shortwave broadcasting station begins operation in South West Africa (Namibia), separate country status will be granted for purposes of the NASWA Country List.

"For those who may be interested in the basic reasons for the above decisions, the following summary may help.

"Transkei and the other homelands are not recognized as independent by any nation other than South Africa. They are not colonies with discontinuity with the mother country. But neither do they have full powers normally considered part of independence; power to conduct foreign affairs, self defense, etc. Of course other 'countries' on the NASWA list might also fail by these standards. However, the final test is that historical/traditional factors, special cases in which separate country list status is granted. The Homelands are artificial creations, geographically, with no historic or traditional basis for considering them separate countries for purposes of the NASWA Country List.

"Namibia is a different matter, with a well defined historical separateness. It is, in fact, almost exactly like the status of Papua New Guinea, both before and after independence."

IN CASE YOUR FRENDX IS NOT COMPLETE: We have had some complaints recently about blank pages in some of the copies of FRENDX which we have mailed. Our publisher and printer are aware of this situation and efforts are being made to correct it.

Anyone receiving a copy of FRENDX which may have blank pages should notify HQ mentioning the page numbers that are blank. We will either furnish a new copy or provide replacement pages by return mail.

THE GAMES PEOPLE PLAY: We regret we have to use this space for this item since we have more positive matters that could be reported.

In the January FRENDX Log Report, five log items appeared in the LR-A Log Report section which were credited to a "Ralph Jensen" of Toronto. For the record, there is no "Ralph Jensen" as far as NASWA is concerned, and the items were intentionally false and planted for reasons we have not yet determined. Since no similar items appeared in any of the other LR sections, we are not sure if the hoax was intended to discredit our LR-A editor, or if the person used a combination of names similar to other NASWA persons to embarrass them, or if it may have been a case of someones distorted sense of humor.

Needless to say, we regret very much that someone would use our publication for such a scheme, whatever its purpose may have been.

Shortwave Center



JERRY A. LINEBACK, Editor
P. O. Box 325
St. Joseph, Illinois 61873

MARCH 1980

DXing 60 m

SIXTY ON SIXTY, An Hour in the 60 Meter Band

by Al Sizer, 22 Country Way, North Haven, CT 06473

It is 20 December 1979, one of the shortest days of the year in Connecticut. The weather is clear and very cold--minus 3 Celsius. It is 2100 Greenwich Mean Time, 4 p.m. Eastern Standard Time, and the sunshine is still bright, but coming obliquely out of the west as daylight heads into its final hour.

The A Index is 5, Solar Flux 193, K Index 2, solar conditions are high but the geomagnetic field is quiet. There was a major solar flare at 0559 GMT.

This is the setting as I adjust my headphones, turn on the FRG-7, the Gilfer A-20 preselector, the DCR 30 frequency counter and switch-select a 30 meter inverted L antenna, oriented southeast-northwest. I turn to the 60 meter band, the true DXer's band, the band of all shortwave bands I love the most. This is what I hear and my comments.

2100: Rio Muni (4925 kHz where by pure chance I begin) has happy, bubbling hi-life music from Equatorial Guinea. No matter that this little country has suffered under a hellish regime until a recent purge. No matter, as with other West Africans I shall hear, that the people have come through slavery, oppression, exploitation and have a myriad of current problems, the jazz-like music is joyous. It is 10 p.m. in Bata.

2101: It is midnight in the Georgian SSR and Tblisi (4930) has an announcer giving in Russian what I think is the news.

2102: From Abidjan, Ivory Coast (4940), a French dialogue is heard.

2103: Yaounde, Cameroon (4972) also has French talk, but a strong ute is spoiling it.

2104: It's the news in English on the Iranian situation from Lagos in Nigeria (4990).

2105: I have dropped down the dial to catch part of the Koranic prayer call from San'a Yemen Arab Republic (4853) as it signs off (Midnight there). This has always had a fascination for me and I have heard it from many parts of the world, thanks to shortwave.

2106: I am back up here (5010) to find Garoua, Cameroon, with a man and woman in conversation in an African dialect I can't hope to identify.

2107: There are few times of the year when I can hear Archangelsk (5015) on the White Sea of northern European Russia at this time of day and this is one of them. The news in Russian is fairly strong.

2108: Possibly Niger (5020) but weak and ute-plagued.

2109: A hash of signals on 5035, possibly Alma Ata and the Central African Republic.

2110: A man and woman are emotional in an African dialect in an obvious drama from Lomé Togo (5047).

2111: There is African music, but weak (5060) and I think it is probably Emissora Regional do Huambo, Angola.

2112: I have dropped down to the other end of the dial and Bertoua, Cameroon (4750) has an announcer in French.

2113: ELWA, Liberia's religious talk (4770) in English is bedeviled by a ute.

2114: The same case for Yaounde, Cameroon (4777) where I can barely hear music. The proliferation of the utes has been a distressing 60 meter band development.

2115: No problem with reception here. A Russian baritone is booming out a folk song from Baku, Azerbaidjan SSR (4785).

2116: It's an excited announcer in Portuguese with a futebol match from Luanda, Angola (4820).

2117: The Russians are coming in strong and clear. A musical comedy kind of song is being sung from Starobelsk, Ukraine SSR (4825). I pause a moment or two to reflect. What a wealth of languages, cultures, and ethnic heritages are available to me in these 60 minutes in the 60 meter band! And what a span of geography I am covering!

2119-2120: Radio South Africa (4835) is finishing a prayer in English, the announcer says it is "twenty minutes past 11" and the station goes into a sign-off anthem.

2121: Arabic talk from Mauritania (4845), to me one of the most unusual of African countries, source of much strange chanting.

2122: In their closing hour or so of the night the African musical tempo picks up. There is jazz, American style, from Yaounde, Cameroon (4850).

2123: A popular song is the fare from weak Maputo, Mozambique (4865).

2124: Cotonou, Benin (4870) is strong with French talk.

2125: But Dakar, Senegal (4890) is coming through weakly with a man in a soft French accent.

2126: I can't identify the source of light classical music (4895) but believe it is Ashkabad, Turkmen SSR.

2127: Chad (4904) is also speaking French but the 100 kW Ndjama transmitter seems to have lost its zip lately.

2128-2129: Accra, Ghana (4915) has spirited classical music.

2130: A woman is speaking in Russian from Starobelsk (4920) and a quick check shows it is in parallel with the Ukraine outlet on 4825.

Now we have passed through the band once and it is time to spot check on what we have missed or wasn't there before.

2132: It is 5:30 a.m., daybreak, in Sulawesi and it is sometimes possible to catch an Indonesian station here at this time. I move to 4753 where I have found it before and sure enough Ujung Pandang is coming through with an announcer in Indonesian.

2134: Bertoua (4750) now has happy African rhythms.

2135: Why did I miss, first round, Sao Tome (4807) which is singing pop songs in Portuguese?

2137: Cotonou has joined the musical parade with happy African singing (4870).

2140: Ditto for Ghana (4915).

2141: Hi-life in full swing from Rio Muni (4925), heading for sign-off.

2142: Wild (to me) native singing from Garoua (5010) now. Its music seems most primitive of African outlets.

2143: Joyous piano, drums, and singing from Ivory Coast (4940). The Africans are at their peak in strength.

2145: An operatic aria from Ashkabad (4895).

2146: Weird native singing from Nouakchott (4895) now.

2147: ELWA (4770) has shaken the ute and "Joy to the World" resounds gloriously.

2149: Already Ujung Pandang (4753) is fading out.

2150: It is almost dark out my window as some of the Russians and Africans prepare to leave the air. Within the next hour they will all be gone. But now . . .

2152: Like breaking through a window from silence to complete audibility, Radio Universo (4880) is suddenly here in Spanish from Venezuela.

2154: Ditto Ecos del Torbes (4980), San Cristobal.

2155: And Radio Reloj Continente (5030), Caracas.

2157: There are Portuguese murmurings from Radio Brazil Central, Goiana (4985).

2158: And from Radio Clube do Para, Belem (4855).

2159: Rio Muni (4925) has begun its long anthem as it winds down.

2200: And the Russian voice stills as Baku (4785) leaves the air.

Darkness is now complete in Connecticut. What Russians and Africans are left are quickly loosing out to the Venezuelans and Brazilians. The Latin Americans are storming in with fire and enthusiasm. One chapter is ending and yet another is beginning in the endless, fascinating saga of the 60 meter band.

DX Shack

SOME THOUGHTS ON SHACKS FOR APARTMENT DWELLERS

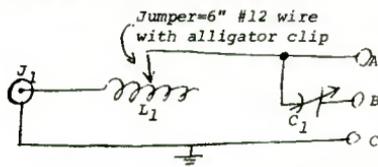
by Mike Agner, Editor for "Antennas and Accessories"

Not too long ago, two articles have come out in SWC regarding "ultimate" shacks. But good as many of their suggestions may be, some of these simply cannot be done for people in areas where space for a shack is necessarily limited.

Such is the case with this author. I presently live in an apartment where outdoor antennas are verboten and space is limited. However, in a space about 6 feet by 4 feet, in a bedroom, I have been able to set up 3 receivers, feeders for 5 antennas, 2 antenna tuners, a crystal calibrator, an audio filter, 2 cassette recorders and a patchbox to do all sorts of interesting things (to be described later). In addition, there is also a pair of FM rabbit ears for when I wish to fool around with FM DX. The hows are relatively simple, the whys are a matter of personal taste.

1. Antennas--There have been many designs written in the past 2 or 3 years in issues of FRENDX (see Sept. 1977 issue) and also some electronics publications have been devoted to this subject (see William Orr's excellent book *Wire Antennas for Radio Amateurs*, for example. With indoor antennas, in many cases, antenna efficiency leaves much to be desired.

This is where antenna tuners come into play. Not too long ago, Bob Zanotti of SRI called this item the "DXers best friend," and this is especially true of cave dwellers. The function of the tuner can best be explained as, "making the antenna more efficient at a wider range of frequencies than is possible with the same antenna without the tuner." There are a few antenna designs which don't require a tuner - active antennas being a notable example - but the majority will benefit from their use. A design that is well known to DXers is the Pi network tuner, suitable for use with random wires and similar antennas. There are many schematics for this circuit available. Just compare HCJB's antenna handbook, "Give your Antenna Some Air" by Radio Nederland, and the circuit depicted in *DXing According to NASWA* and you will find they are just about the same. There are many other circuits; some simple like the L-tuning/series tuner in Mr. Orr's book (figure 1), others complex, like the Ultima antenna tuner depicted in an article by Dan Richardson in the July 1973 FRENDX (figure 2). There are also many commercial circuits available from stores and dealers which specialize in amateur gear. All different types of tuners have their advantages and disadvantages, and the prospective user should find out from knowledgeable sources just what they are and how they will affect their antennas.

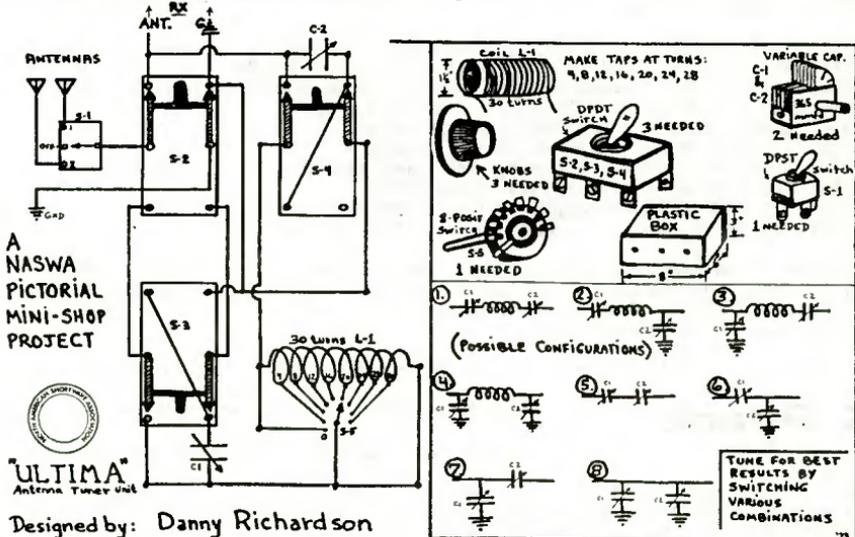


Parts List

- Knobs, plastic box - wire, & solder, etc.
- A, B, C Insulated binding posts
- J₁ Female jack, type not critical
- C₁ 365 pf variable capacitor, note that an insulating shaft may be needed to prevent hand capacitance.
- L₁ 38 turns # 16 tinned wire 6 turns/inch, 2" 2 inch diameter

Operation: Place wire jumper on one coil. To start, place a short jumper between B and C. Plug antenna into A and tune. If no result, remove jumper from B-C and place antenna in B. Tune for highest signal gain.

Figure 1: L-tuning/series antenna tuner from W. Orr, *Wire Antennas for Radio Amateurs*, 1972, Radio Publications Inc., Wilton, CT., p. 99.



Designed by: Danny Richardson
July 1973 FRENDX

Figure 2

2. Grounds--This is an area often neglected by many, thinking they don't need it because their antennas are indoors. This is a fallacy that would be proven by the first near lightning strike! Don't get caught without a ground, you may not like the results or may not be around to debate the question.

Unfortunately, this is easier said than done. The quick and dirty way is to make sure that all equipment is grounded to the electrical ground system of your electrical wiring. You may have to examine the wiring system of your dwelling or consult with the building operator or an electrician to make sure the system is working as required by the U.S. Electrical code. This is particularly true of older dwellings. If your equipment is not attached to a grounded outlet by a three-wire plug, a ground wire can be run to the grounding screw of the outlet and attached with a spade lug. Make sure you know what you are doing before messing with the outlet and turn off the juice while working on it.

The better way takes a little more doing. If you can get to a cold water pipe, investigate the couplings. If they are made of copper, run a short, thick piece of wire to a C-clamp which is attached to the pipe. If the coupling is made of iron or plastics, forget it; the iron will rust to nothingness comparatively soon and it is a questionable conductor when rusted and plastics rot to zilch and we all know how plastic is as a conductor -- so if you must, stick with the above and you should be OK.

Now, if you're like me, and have two or three receivers and a host of things you want grounded, you will need some way of getting that done neatly. The best way I found is to create a ground bus. This is easy to construct, all you need is a good solid piece of wire long enough to go totally around the shack. Take short pieces of wire, and ground everything by attaching one end to the ground lug(s) of the gear you want grounded, and solder firmly the other end to the bus. This makes a nice neat arrangement which keeps everything in order - just make sure one end of the bus is grounded with one of the methods outlined earlier. Nail down the wire so it doesn't move around and you have a ground.

3. Power Supplies--Using a fused multiplug that is advocated in Mr. Creamer's article is the best way to go. However, use your head when buying them. Find out what the total current consumption is for all items in the shack, then compare that with the dwelling's current handling capability. The total current drain better be less than the current capability of the line or you may be risking a serious fire hazard.

Also check out the current handling capability of the plug you're interested in against the line current. Make sure this is less than the house line, that way the fuse/circuit breaker in the plug will pop before the dwelling's, preventing a potentially dangerous condition. For example, in my dwelling, the standard circuit breaker is 20 amps. In my bedroom, I have a 15 amp fused power supply, having a relative safety margin of about 20% against my line current. The total current drain with everything on in my shack is less than 6 amps, with lights and clocks included. The shack itself runs on half that. I therefore have an approximate safety margin of 85% against the power supply, and about 90% on the line current. (Electricians may disagree on the figures, but they are being used as an illustration only. The calculations may differ as much as 10% in reality.) Leave yourself plenty of room for safety and maybe mother nature will have some respect for you!

4. Wiring--This is a real problem for those who have two or three receivers, recorders, and other accessories. Separate switches in different locations may be fine for some, but it is a stickler for those without the space to take advantage of it.

I considered this many months ago when I realized this would be a problem. So I designed and built a little black box that houses a 100 kHz crystal calibrator, antenna switches, a receiver switch and a tape recorder switch (see figures 3, 4, and 5). The jacks I used are phone jacks only because I had a handful from other projects. Wiring must be short as possible, but don't be afraid to experiment. For example, I decided two of the 4 antennas I was using were working well enough without pretuning, so bypass wiring was installed to facilitate patching two antennas to J6 directly instead of J5, which fed the FRG-7 through an antenna tuner. With a larger box, it would be possible to put an antenna tuner within the box, feeding a rotary receiver switch and input coming from toggle switches, each with bypass wiring. A diversity checker could also be built here (see April 79 SWC). Thus in one box, you could conceivably have the following: Antenna tuner, diversity checker, calibrator (if needed), receiver switch, tape recorder switch, tuner bypass abilities in toggle switches which switch antennas in or out.

5. Other--Concerning yourself with furnishings, while important enough if you've got nothing to start with, should take a back seat if you have a comfortable area already set up. These usually are matters of personal taste, and therefore vary so much that while a shack may look spread out to one individual, it may be cramped to another. Just make sure You

(yes I know I put a capital y there) are comfortable-that's the important thing!

The whole point of this article has been one overriding theme - if you use some common sense, and a little ingenuity, the "ultimate" shack will be looking you straight in the face before too long! Happy DXing, all. If anyone has comments or questions write to me at Delphi Associates, 17 New England Exec. Park, Burlington, MA 01803, enclose a SASE for a quick reply.

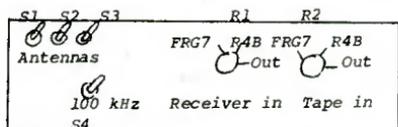


Figure 3: Front view of patchbox

Parts:

- Knobs, wire, etc. Box=Radio Shack # 270-269
- S1-4 switches are DPDT-rating unimportant
- R1-2 rotary switches are 2 pole 6 position non-shorting
- J1-8 phone jacks (female); JM1-4 mini phone jacks (female).

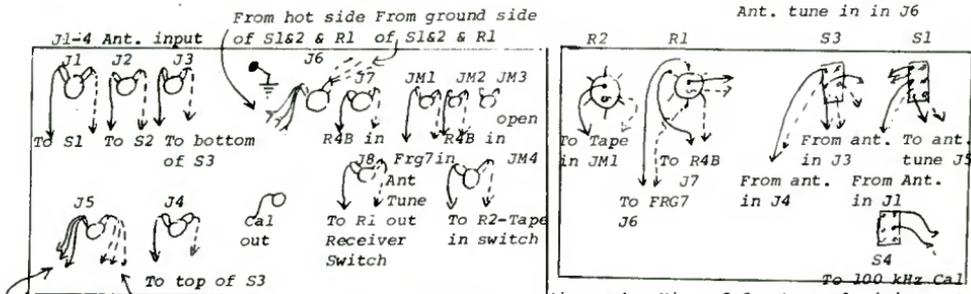


Figure 4: View of front panel wiring. Only S1 & S3 wiring shown. S2 wiring identical S1. S2 uses ant. in J2 for input. R2 wiring is similar to R1, the difference being that wiring here goes to JM 1-4.

Figure 5: Back panel wiring.



Antennas

RIGGING CENTER-FED ANTENNAS WHEN THE TREES AREN'T WHERE THEY SHOULD BE

by Neal A. Perdue, Rt. 1, Box 154, Falkville, AL 35622

Dipole-type antennas (the dipole, inverted-V, V-beam, etc.) are generally superior to single wire types in terms of signal versus noise, and if long enough and used with a tuner are excellent all-band antennas. The inverted-V and V-beam require only one tall support, at the center. However, even if a tall tree is conveniently located fairly near to the shack, three problems still remain. (1) Getting the whole thing up there and properly strung out can be an aggravating experience, (2) More often than not you'll wind up with the radiator wires making contact with some of the limbs, and (3) Putting it back together after an ice or wind storm is usually as much work as was the initial installation.

Telescoping masts are now well over a dollar per foot. This comes out to about \$60 or more for a 50 footer, when tax is added. Obviously, if trees are available, well-they're free. I have many trees on my property, but they're just not where they're supposed to be, as far as antenna erection is concerned. Also, I didn't want any part of the antenna in the tree if I could help it.

Solution: Run a sturdy nylon rope, at least a quarter-inch diameter, from treetop to treetop and position the antenna center-connector in the middle or at a convenient place along its length.

Step-by-step it goes like this. Use enough nylon rope to reach between the trees, droop down to ground level from the tops of both trees, plus an extra length equal to the height of one tree. Use a small inexpensive cotton line to get the "stringer" line up over one treetop by means of tying a small but heavy weight to it (large scrap metal nuts and bolts are ideal), tossing it up and letting it go over the treetop and then fall back down to ground through the limbs. Secure the end of the line that has come down through the limbs,

tie the other end to the heavy nylon rope and pull the nylon up, through, and down, tie it to the tree trunk. You now have one end of the nylon rope up in one tree and the other end on the ground. Now, slip the antenna center connector onto the nylon rope. (I used a homebrew version made with a one inch plastic pipe "tee" and three hose clamps. The clamps go tightly over the two radiator wires and just snugly over the coax downlead so as not to change its impedance by squeezing it too tightly). I also soldered all wires and sealed all joints with silicone sealer. Now, repeat the "stringer," weights and nylon rope procedure in the second tree, pull the whole thing up tight while someone keeps the coax and antenna wire from getting all tangled up, and leave extra nylon rope at the bottom equal to at least the height of the tree, and tie it off. The extra length is so that if you ever need to work on the antenna you can just lower the whole thing from this one end. All that remains to do now is to tie off the ends of the antenna to whatever supports you have previously selected. In the case of the Inverted-V, these end supports need only be ten feet above ground, although I personally prefer fifteen feet. Of course, antenna ends should be insulated from the supports. Note: "V-beam requires only one tall support" applies to TILTED type.

If a dipole type tuner is financially out of reach for you (about \$40) you may want to try a "fan" inverted-V. You simply cut several sets of radiator wires to resonance for your favorite bands (468 divided by center-frequency in MHz yields length in feet). See any antenna book.

I have used a 150 ft single wire with tuner for years. The coax-fed antennas, with tuners, are definitely superior, especially on real DX and on weak stations when the band is not propagating well.

I hope this article will be of help to someone. 73, Neal

Antenna

SHAKESPEARE "Big Stick" CB ANTENNA FOR SW DXING

by Josephine Bryan, 2008 Pawnee Way, Stockton, CA 95209

The Big Stick style 176 antenna appears to be almost identical to the Radio Shack antenna, catalog no. 21-965, so the following should apply to both antennas. We mounted the style 176 antenna near the peak of the roof on a single floor duplex. The antenna is mounted on a 30 ft. TV mast and we are using RG-58U coax cable for a lead in. We also have an 8 ft. solid copper ground rod driven into the ground all the way. We have an insulated copper ground lead that enters the house with the coax cable and they both terminate at a set of knife switches.

The switches are used to make connections between the following 5 elements: Receiver antenna terminal, receiver ground terminal, the ground, the antenna, and the antenna shield. We also have a double knife switch between the receiver terminals and the above mentioned switches using audio cable to the FM and mediumwave sections and RG58U to the shortwave section. It is important to have an antenna connected only to the section of a receiver being used (in receivers having multiple antenna inputs) as the additional connections are a leading cause of images and birdies. It is really an efficient system and is the closest thing to an antenna farm that can be obtained without a large amount of space and several antennas.

We have used a similar system for tuning down to 150 kHz, and this one we have used from 540 kHz to 108 MHz, and also on TV it is effective up to channel 6. On FM it takes on decidedly directional characteristics and by throwing a switch or two, one station can in some cases be completely replaced by another on the same frequency.

It is surprising the way some seemingly unlikely connections produce good results. For some situations the ground makes the best antenna, and in many cases the shield used as an antenna rather than as a shield produces quieter reception. When we get into a tight situation, we keep throwing switches back and forth and can at least help bad reception situations and in many cases completely remove the difficulty. The antenna pays its way best on 11, 13, 60 and 90 meters, which have become our favorite bands, although it is equally efficient throughout the range of our RF-4900.

It is interesting to note that the only stations we could receive previously on the 60 meter band in the evening were the like of Radio Rumbos. DX passed by unnoticed. Now the stations we couldn't hear before are just as readable. Although we still pick up noise and interference, it seems to be less annoying and of shorter duration. Our new Panasonic RF-4900 has an antenna trimmer which is very helpful in peaking the antenna input after each change of the antenna switches.

osing a good DX-location, you want to get far enough from town so ed (so there is no problem erecting an antenna), yet close enough y above ground power lines. This is what we recently did in moving

btained the Shakespeare "Big Stick" from "Talk about Radio" in is erected by an FCC computer man who installs antennas in his spare

Time.

It is really a happy feeling in the evening when Bolivia starts coming in about sunset and a little later, Kenya, Tanzania, Rhodesia, etc. appear, you see these stations are real DX here in Stockton. We also do well with Vladivostok, the Indonesians, and Australia.

International Broadcasting

INTERNATIONAL BROADCASTING: EXPLORING CULTURAL FRONTIERS

by Terry L. Krueger, 84 Winter Park Dr., S. Casselberry, FL 32707

With a major in mass media, I have always been interested in radio broadcasting and production techniques. When I was 12 years old living in south Florida, I was amazed at hearing all types of what I thought to be "wierd" stations throughout the day and night on my parents' radios. Later I was to learn that these stations were from the various Caribbean islands and the music I heard was a part of their culture.

Some time later I had the opportunity to play with a classmate's shortwave radio and was again shocked to hear stations, only this time from every corner of the earth. Each station I tuned to reflected their own unique culture and views of the world. From that point onwards I have been deeply involved in the study of cultures on a world wide basis. The shortwave radio has brought nearly every nation within my reach -- only a twist of the dial away!

In addition to serving as a tool in understanding the cultures, shortwave broadcasting has served as an important mode in keeping me in touch with international politics. Indeed, it has sustained my interest in a broadcasting oriented career.

Cultural barriers have always existed. No doubt they are less prevalent today, but nonetheless are still to be found. Fortunately education is slowly bridging the gap between people in our country. Education and experience are truly the key to crumpling the walls between cultures. "From almost the time we're born, each of us is indirectly taught a whole set of roles that we'll be expected to play. In one sense this collection of perscribed parts is necessary because it enables a society to function smoothly and provides the security that comes from knowing what's expected of you. But in another way having roles defined in advance can lead to wide gaps in understanding. When roles become unquestioned and rigid, people tend to see the world from their own viewpoint, having no experiences that show them how other people view it. Naturally, in such a situation, communication suffers" (Alder, R. and N. Towne, 1978, p. 155).

So much is available to the potential shortwave listener today. What could otherwise be a dull Sunday evening in the midst of winter may be spent beside the receiver, certainly a smarter move than choosing the television! How much do you know about the Turkish culture? Drop down to the afternoon broadcast in English of the Voice of Turkey and catch "Turkish Folk Music" or the many other programs available and learn about the daily lives of this Asian country. Or catch the Radio Free Grenada evening airing of "Deaths" in case you're interested in who died the day before on this tiny Caribbean island. Nearing midnight a drop by Tahiti will almost always find nonstop Polynesian singing with a soft-spoken Tahitian language announcer only rarely surfacing.

One of the most requested forms of programming on the large international broadcasters today are foreign language courses. We've been or are about to be treated to everything from "Dutch by Radio" to "Arabic by Radio" to "Russian by Radio." An increasing number of listeners throughout the world are tuning to just such programs, hoping to educate themselves about another culture while at the same time picking up a language tool that will last a lifetime. This includes China, where at Hsi Tan wall, for example, it is not very difficult to discover who is learning English from VoA and who is taking the more orthodox path with Chinese radio and television.

"The official Chinese English-language training adopts a plain but pronounced British accent with fairly clipped phrases. VoA, on the other hand, pushes a sort of folksy, Western

drawl that is horribly accentuated by the "special English" approach.

"As a result, there are some young Chinese one now speaks to whose English sounds a bit like an old Will Rogers 78 rpm recording played at 33 rpm" (Fraser, J., 1979, p. 13).

Radio is clearly an important link in learning about other cultures. For those in the US on foreign study programs, shortwave radio not only keeps them informed on the news back home but can serve as a college classroom tool. A fine example of this is the article by NASWA member Daniel A. Robinson that appeared in the November, 1979, FRENDX "Shortwave Center."

Frequently the shortwave listener can stay on top and even ahead of the local news regarding world events. A classic example is my close following of the Iranian crisis that began in early November of 1979 when over 50 US embassy personell were taken hostage by student followers of the Shiite Islamic leader the Ayatollah Khomeini. Knowledge of the shortwave bands permitted me to tune in the crisis as it happened. An abbreviated account of what was heard on shortwave is given here:

17 November, Voice of the Islamic Republic (Tehran); the external English service asks the question in reference to the Shah's stay in New York, "Would the US people allow illegal agents, smugglers, and plotters into the (US) nation?"

22 November, Radio Pakistan; English news officially denies Radio Pakistan broadcast the false statement that led to the US embassy in Pakistan being attacked.

2/3 December, United Nations Radio; carries live the special session of the Security Council debating the course of action to be taken against Iran.

The awesome power of radio on people was demonstrated when the Ayatollah first falsely announced that it was the Americans that supervised an attack on Saudi Arabia's Grand Mosque in Mecca. That announcement led to the destruction of the embassy and death of two Americans at the hands of thousands of angry Pakistani people at the US embassy in Pakistan.

Meanwhile, the external service of Iran daily broadcast information on the revolution and the history of the Islamic culture. Though many may find the crisis in Iran the work of a "crazed and senile leader," it's impossible to deny that this is history in the making. The bitterness of many of the nearly 100 million Islam followers flowed out of shortwave speakers worldwide. And that's just part of the world views I'd hate to miss out on.

1. Adler, Ron and Niel Towne, (1978), Looking Out, Looking In--Interpersonal Communications, Holt, Reinhart, and Winston, NY
2. Fraser, John, (1979), January 20 Globe and Mail, Toronto, ON, Canada.

Book Review

LIST OF BROADCASTING STATIONS . . . BELOW 5950 kHz

A Review by Michael S. Hardester, San Diego, CA

On returning to the United States, from Okinawa, my wife and I traveled around the country and one place we visited was the United Nations in New York. While there, I checked out the UN Bookstore, in the basement, which offers ITU publications. I had hoped to pick up a couple of current "Lists" for DX purposes, but was more than a little unhappy to note that the selection was poor and outdated. However, I was able to review some "Lists" which I had heard of, but had no idea of the material contained within. So, it was on this occasion that I had the opportunity to look through a, very, dated copy of the ITU publication entitled List of Broadcasting Stations Operating in the Bands Below 5950 kHz.

After looking through the book, I was convinced it had potential value and decided to purchase a copy from the ITU in Geneva. I waited until the Tenth Edition, February 1979, was available figuring it would have current information including the changes brought about by the November 1978 switch to a 9 kHz frequency allocation ... was I ever wrong!

The book, printed in French, English, and Spanish, clearly states "The present edition of this list is printed from information recorded in the Master International Frequency Register at 1st February 1979." It went on to mention that a computer had been used in preparation of the material for publication, so I assumed the information would be very current...wrong again.

Before mentioning some of the errors (?) noted, the format should be mentioned. The main section of the book is divided into "Countries" based on the ITU abbreviations for countries. Before the main section are 36 pages, 12 per language, of instructions on how to use the list. After the main section are 24 pages of explanations from the "Remarks" column. Under each country are ten columns: supposed transmitter site (in alphabetical

order); frequency in numerical order for each city; station call-sign (if any is known); geographic coordinates (degree/minute); the area of intended coverage (local, all over the country, etc.); power output in kilowatts; antenna direction (most are listed as non-directional); sign-on/sign-off times of the stations based on GMT/UTC; the operating agency/company; and remarks.

If the information contained in the publication is taken as accurate, it would provide an excellent source by which transmitter sites of European longwave stations, broadcast band, and shortwave broadcast stations (below 5950 kHz) could be confirmed. Additionally, the dispute over transmitter site, by frequency, could be resolved. However, that would be true only if the information is considered as accurate.

The ITU states the information is from information on file, so it is either the error of the ITU computers or the broadcasting agencies involved which allowed, as examples - and not at all totally inclusive, the following errors to be printed: Fiji listed with shortwave stations active on 3230, 3284, 3935, 3980, 4756, and 4785 kHz; Gilbert Islands with a 2kw transmitter on 4912.5 kHz operating at 0400 to 0700 GMT/UTC; or how about this - ZBW on 3940 kHz, with 2000 watts of non-directional power, from 2200-1500 hours GMT/UTC from, are you ready for this?, Hong Kong!! The listings for Okinawa (Ryukyu Islands), Japan, are at least three years old. I could continue, but this is enough.

After reviewing the book, it would appear to have very limited value for most DXers, and at US\$42.00 or so (plus approximately US\$10 shipping) it isn't something you add to your reference shelf simply because someone else has one! With the exception of listing all of the coordinates of the stations listed, the remaining information can be found, in a more up-to-date form, in the current World Radio-TV Handbook. If, for what ever reason, you decide you need a copy, it can be ordered direct from the ITU in Geneva. I would, however, suggest you write to the ITU to check on the current availability/price plus the surcharge for airmail postage, if desired. And when sending payment (not to advertise), I have found the most widely accepted form of payment, and least expensive, when a personal check will not be accepted is an American Express Money Order.

THIS & THAT

Edwin A. Gibson of Indianapolis reports that he received a letter from Zenith in response to an inquiry about Zenith's Trans-Oceanic multi-band portable radio that said, "Because of unforeseen production problems, general availability in quantity of the Trans-Oceanic

will be delayed until the beginning of the third quarter of 1980."

Tom Toenjes, Rt. 4, Box 74, Leavenworth, KS 66048 reports that he will do service and modifications on all types of shortwave receivers and amateur transceivers.

Clifford Myers of Phoenix, reports that the postoffice is still touchy about country names in the addresses of international mail. He received the following mimeographed sheet that read: Addressing of International Mail-Prohibition of country name abbreviation-Country name listing. The attached listing of country and entity names was prepared in response to many requests from mailer organizations. In addition to providing the listing, mailers are advised of the following:

Abbreviations of country or entity names are prohibited by international treaty. Mail destined for abroad must bear, as the last item of the address, the name of the country written in full.

A geographic designation added to the address, such as Central America, Africa, Caribbean, South Africa, Western Europe, South America, etc., does not assist the postal service in dispatching mail for abroad.

The listing gives both the common and formal country designations. However, with few exceptions, the short form, e.g., Italy, Burma, Egypt, Hungary, etc., may be used for all mail items.

Exceptions:

Mail destined for the People's Republic of China must bear the full name, not merely "China."

With regard to items for the Republic of China, to avoid confusion and misrouting of mail, it is suggested that either the long form be used or that Taiwan be added, i.e., (Taiwan) China.

Mail for either Germany should bear the long form name, or as the shortform West Germany or East Germany.

North Korea may be used as the shortform name instead of the long version, Democratic People's Republic of Korea.

Mail for South Korea may be addressed Republic of Korea or South Korea. Yemen, with one of the two designations added-either (Aden) or San'a), may be used in lieu of the long form name.

* * * * *

Mike Saley of Cincinnati wrote to note that Gilfer Associates, P. O. Box 239, Park Ridge, NJ, 07656, sells a selectivity modification kit for the FRG-7 receiver. It is relatively easy to switch filters to the 2.4 kHz (at -6 dB) and 8.0 kHz at -60 dB filter that costs \$15.

Gilfer has also notified us that they intend to modify and sell the Kenwood R-1000 receiver. Gilfer will replace the stock filters with their 4.0 and 2.4 kHz ceramic filters, the AGC release time is speeded up on AM, and the attenuator is modified to provide steps of -10, -20, and -30 dB. Probable price is \$515.00 plus shipping. Contact them for availability and price. They are also offering (until 15 March) \$200 off on the Japan Radio NRD-505 model, now only \$2075 plus shipping (memory \$125 more).

Radio West is also offering a modified version of the R-1000. They modify the receiver to use the 6 kHz filter in wide and the ssb filter in narrow on AM and a shorten the AGC release time for \$470.00. Write to confirm availability and price to Radio West, 3417 Purer Rd. Escondido, CA 92025.

Radio West is offering a new active antenna useable on shortwave. They expect to have it ready for market in March. Your editor is now using one of these and we plan to have a review of its operation next month. Write to Radio West for information as we do not have a name or product number yet. It will sell for \$100.00-120.00 when available.

* * * * *

The ANARC DX Equipment Committee, Harold Sellers, 3 Camrose Cres., Scarborough, Ont., CANADA M1L 2B5, is offering a list of addresses of suppliers of clocks and clock equipped receivers with prices. If interested write to Harold and enclose 1 IRC.

The Market Place Report and other ANARC information is available by subscribing to the ANARC Newsletter. ANARC, 557 North Madison Ave., Pasadena, CA 91101. Sample copy 50 cents in NA, overseas send 3 IRCs.

The 1980 ANARC Convention will be held July 18-20 in Newport Beach, CA, just south of LA. For more information send a SASE in North America or 2 IRCs for overseas to ANARC 1980, 16182 Ballad Lane, Huntington Beach, CA 92649.

* * * * *

Several reviews of current receivers were prepared by Larry Magne and published in the 1980 WRTVH. We suggest that you review pages 540-561 for information on the following receivers: RF-4900, RF-4900/Gilfer modified, DX-300, Sony ICF-6700, Sony ICF-6800, Kenwood R-1000, FRG-7, FRG-7/Gilfer, FRG-7/Radio West, Yaesu FRG-7000, FRG-7000/Gilfer, Drake R-7/DR-7, Japan Radio NRD-505, and McKay Dymek DR-33-C. There is also an interesting discussion of Exalted Carrier Selectable Sideband reception under his discussion of the R-7. Larry's reviews of the receivers I am familiar with are very objective.

Regarding receiver reviews, the ANARC DX Equipment Committee (and your editor) suggest the following items be covered in reviews.

INTRODUCTION: Who did the review, under what circumstances, duration of review, other receivers used for comparison, etc. A brief statement of your opinion of the receiver.

RECEIVER FEATURES: Frequency coverage, bands, controls, and other features.

SPECIFICATIONS: Sensitivity and selectivity, give manufacturer's quoted specs. If you measured specs, tell what test equipment was used, or if tested under operating conditions, give conditions and your operational assessment. Frequency stability, image rejection, AGC, AF response - state the manufacturer's quote and also your measured or operational observations.

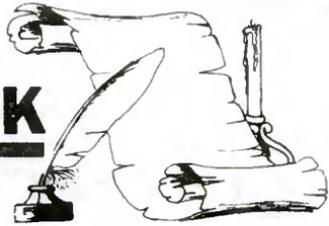
OPERATION: 1. Use of controls, S meter accuracy, usefulness, range. Noise limiter-type, effectiveness. Frequency display-accuracy, ease of reading, size and number of LEDs. Tuning-dial backlash, ease of tuning. 2. Signal handling: Comment on birdies, spurs, cross mod, overloading, intermods, RF blocking. 3. Audio quality, distortion, effectiveness of controls and filters and internal speakers. 4. Operation, portability, ease of operation, ease of control viewing, appearance.

CONCLUSION AND SUMMARY: Comment on advantages and disadvantages. Give suggestions for improvements. Mention options available. Where can it be bought and approximate price. Be sure to credit any assistance in reviewing or anyone loaning the receiver to you.

73 till next time-JAL

Listeners NOTEBOOK

GLENN HAUSER
University Radio WUOT
Knoxville, TN 37916



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ENGLISH SCHEDULES

U S S R Spring skeds 2/3 until about 19/4-- Nam svc 2300 -0400: 12010 Serpukhov(?) (Novosibirsk) from 0130. 11860 Gorky (Plovdiv). 11780 Lvov (Sofia) to 0300. 11735 Vinnitsa (Simferopol'). 9710 Kiev (Lvov) 9700 Lvov (Sofia) from 0130. 9610 Tula (Lvov). 9530 Moscow (Simferopol'). 9505 Kenga (Novosibirsk) to 0100. 9490 Moscow (Nikolayev). WNA: 17720 15455 15180 15140 all Petropavlovsk 12050 Khabarovsk (Petropavlovsk). 6150 Komsomolsk from 0000. Pacific Coast Svc 0400-0800: 17870 Khabarovsk to 0500. 15470 --- from 0530. 15455 Petropavlovsk. 15180 & 15140 Petropavlovsk both to 0500. 12050 Khabarovsk. 12010 Komsomolsk from 0530. 11965 Nikolayevsk. 9790 Petropavlovsk from 0530. 9580 Blagoveshchensk from 0430. World Service to WNA 1400-2300: 7175 Khabarovsk 17-21. 9580 Blagoveshchensk 14-17. 9790 Petropavlovsk 14-20. 11790 Blagoveshchensk 14-21. 12050 Khabarovsk 18-23. 15140 Petropavlovsk 22-23. 15180 Petropavlovsk 20-23. 15455 Petropavlovsk 22-23. 17720 Petropavlovsk 21-23. ENAM 1100-1500: 17810 Simferopol'. 15150 Minsk (Simferopol'). 15135 Vinnitsa (Plovdiv). 12010 Serpukhov (Nikolayev). 9600 Havana. 1100-2200: 15210 Moscow (Simferopol') 16-21. 12010 Serpukhov (Nikolayev). 11870 -- (Simferopol') 15-21. 11860 Havana 15 1/2-22. 2200-2300 9710 Kiev, 9530 Moscow, 9505 Kenga. 0400-0600 11790 Riazan, 11770 Kiev, 9610 Tula, 9530 Moscow, 9490 Moscow, 6115 Havana (to 0500) (Feb UHN; as usual sites shown are those listed in IFRB and/or QSLed except for those in parentheses which are believed to be the actual sites)

U S A AFRIS M80 extracted from VOA fq sked: 6030 02-07 Eu GR-50, 09-12 SAM GR-50. 9575 09-11 Azores BY-175. 9700 09-16 FE DL-50. 9755 02-07 SAM BY-175. 11805 09-18 FE DL-50. 11835 19-01 IndOc Phl-35. 15330 11-16 Az/SAM BY 175/175. 16-02 SAM BY-175. 15345 18-02 Eu GR-50. 15430 16-07 Az BY-175. 17665 16-22 FE DL-50, 02-07 same. 21570 18-04 1/2 FE DL-50. 21670 01-19 IndOc Phl-35. 25620 22-02 FE DL-50. Thus, 9660 and 11790 are dropped; 25615 adjusted back to 25620. 9755 back for the season (gh)

WYFR M80: Sun 1230-1551 21615 17845. Rest daily: 1700-1800 21615 15160. 1800-1900 21615 15425. 1900-2200 21615 15125 15130. 2200-2300 21525 15130 11855. 0100-0500 11740. Note the last, replacing 9715; however VOA is still sked on 11740 to 0200! (gh) URUGUAY LN-3

UNITED NATIONS (Cf Feb LN-4) I have observed the new 0215-0245 UN Radio transmission, now seasonally on Sat only, to contain EC at 0230-0245. However, the M80 VOA fq sked, which does include UNR transmissions, does not show 15240 and 6035 (Monrovia) on the air at this time for M80. It is probably wrong (gh)

U K O G B A N I BBC M80 to Nam & NWSam: 21710 1100-1745. 21550 1100-1330. 17840-Antigua 2000-2115. 17830-Sackville 1600 (Sat/Sun 1500)-1745. 15400-Ascension 1430-1745. 15260-Ascension 2000-0230. 15215 1100-1330. 15070 1330-1745 & 2000-0230. 11910 2300-0330. 11775-Antigua 1100-1330. 11750-Singapore 1330-1615; UK 2000-2430; Greenville 0030-0330. 9590-Sackville 2300-2430. 9580-Ascension 2300-0330. 9510-Sackville 1100-1330; UK 2200-0430; Antigua 0445-0915. 7325 2300-0330. 6195-Antigua 1100-1330, 0900-0915. 6175-Antigua 2000-0730. 6120-Sackville 2300-0430. 5975 2300-0730. (March London Calling) As usual, they ignore 9410 which is often their best fq here in the evenings; will 11775 actually be on continuously instead of 1100-1130 & 1300-1330 only? (gh)

SWAZILAND LN-11 SWEDEN LN-11

TURKEY (Cf Feb LN-13) TRT fq sked specifies these targets per fq: 1200-1300 17820 SEAs+Au; 11800 NEAM (that's Northeast America...!). 1330-1430 17820 SWAS. 2030-2130 11955 WEU, 9550 NAF. 2200-2300 9515 7215 WEU, 11955 NEAM, 9550 Au (via Wolfgang Bdschel, Stuttgart GFR)

SOUTH AFRICA (Cf Feb LN-2) R. RSA has replaced 21535 with 11900 at 2100-2150 (R. RSA DX 10/2). This may have an effect on the M80 sked as well; or it may not (gh) Here are the 'close' times for SABC DS: Mon-Fri 2120, Sat 2205, Sun 2215 (Richard Ginbey, RN DXJB 14/2) more LN 11

SEYCHELLES FEBA 0700-0800 As on new 17785 ex-17715 11260 (Alok Das Gupta, India, Feb ADXN)

PORTUGAL R. Free Europe weekly English Commentary, Fri 2150-2200 still heard here on 11770 on 15/2 check; reception improving; may change to 15 MHz for M80 (gh) RFE-G16ria noted on new 7165 for this Fri 18/1 2145-2200 (Bob Padula, Victoria, ADXN) RFE via Biblis, W. Germany has weekly EG 2145-2200 Fris. Bob Padula says new outlet is 7115 (R. Australia Japanese DX-Time 27/1) Two other stations audible on 7115 here 15/1, but not RFE; in the past RFE skeds have shown this xmsn on only 1 frequency, and I have always heard it starting abruptly at 2150; thus I must question these Australian reports (gh)

PHILIPPINES FEBC made several changes late Dec/early Jan. Longtime 2155 2300-0500 2 kW to Au has been canceled, replaced by Indonesian. 50 kW on 17810 now has dual antenna 150°/330° 2355-0100 Au/China; 0100-0500 is 280° to SEAs. 0800-1000 Au/Ch on 1890 ex-11765, 150/330° antenna as from Dec. VOA has been trying different antennas to China and Australia; since 27/1, reception much improved in Au with dual rhombic on 17740 2200-0100; continues at 0100-0430 with rhombic 270° SAs. Tinang dual rhombic also at 1100-1400 on 15415 for Australia and China (Robert Jones, Sydney NSW, Feb ADXN)

PAKISTAN LN-12

NORWAY (Cf Feb LN-2) M80 0200-0230 change 11870 to 9550 (NTA 26/11)

NICARAGUA R. Zínica, 6120 EG is daily 1600-1630 & 2200-2300 (WBI 17/1) Also with 'Special Sunday morning pxm in English' 27/1 1237; mix of US country mx and steel drum mx (J. Jones)

NETHERLANDS As of 4/2, RN via Malagasy to SEAs 1430-1525 on 11735 ex-17855, //21480 (Frits Greveling, DXJB via SCDX 5/2) RN M80: 0700-0720 WAF/Eu 17605 15235 11720 5955. 0730-0825 NZ/Au B-9770 B-9715. 0830-0925 NZ/Au B-9715. 0930-1020 Eu 17605 11930 9895 6045 5955. 1330-1420 Eu 17605 11930 9895 6045 5955. 1430-1525 SEAs M-21480 M-11735. 1830-1920 G&S&EAF 17605 M-15220 M-6020. 2030-2120 C&EAF B-21640 B-17695 17605 M-15220 M-9715. 0230-0325 ENAm B-9590 B-6165. 0530-0625 WNAm B-9715 B-6165. B=Bonaire, M=Madagascar (RN 28/1)

MOZAMBIQUE R. Mozambique anc'd 24/1 that it would begin ES in EG to SAF at 1800 26/1, on this sked: 0400-0430 on 4855 and 3265; 1100-1130 on 11815 9605; 1800-1830 on 4855 3265, and so observed. At the same time the Voice of Zimbabwe program was dropped, cf LN-9 (WBI 31/1)

MALTA The EG pgm "Malta Calling" of Xandir Malta, Valetta, has recently again been noted on Sats 0700-0800 on 9670 including news 0713-0720; reports to Box 82, Valetta. Malta Calling had not been observed for some months and it is believed it was not being broadcast (Peter Bunn, R. Australia Japanese DX Time 20/1)

KENYA LN-12

ISRAEL V. of Israel tentative M80: 1200-1230 Eu/ENAm 17560 17615 25625; Eu 11620 17685 21495 25640; As/Au/NZ 17560; ME 738 7465. 2000-2030 Eu/ENAm 9815 11610 17645; Af 9009 17685; Eu 11960 17710 21600. 2230-2300 E&CNAm/Eu 9815 11637 15582; CAM/NSAm/NAF 11637 15582; SSAm/Af 17645; Af 17685; Eu 11960 17710. 0000-0030 & 0100-0125 E/CNAm 9815 11637 15582; CAM/NSAm 11637 15582. 0200-0225 E&CNAm/CAM/NSAm 11637; Nam 9815 15582. 0500-0515 ENAm/Eu 11960 15105 17685; E&CNAm/Eu 11637; Nam 15582; Eu 17710 21600; As 21500; Au/NZ 11637 15105 15582 21500; ME 738 7465 (IBA, PA, 9/2)

IRELAND (this could also appear in Clandestine Cranny) R. Condor International, Dublin, is again using the odd fq of 11463, every Sunday at 0900-1400, apparently abandoning 6243.3. Per anmts, stn is hoping to be received in Nam, and reports are welcome at RCI, c/o FRC-Ireland, 53 Charleston Road, Dublin 6. Boyneside Radio, a local stn in Drogheda on the east coast, on 1314 kHz is radiating a harmonic, probably deliberately amplified on 6570 (x 5), hrd at 0700-2100 daily, and there is just a chance it could be heard in Nam at *0700; address is 14, Mill Lane, Drogheda, Co. Louth (Mike Burden, Notts., 24/1) Tralee Community Radio is hrd at 1400-1500* 20/1 on 4696 apx, an harmonic? Non-stop Irish folk mx; very weak (Pat Travers, Sheffield, UKOGBANI, WDXC ENS who adds their address is 20 St. John's Park, Tralee, Co. Kerry, Eire)

IRAN LN-6

IRAQ R, Baghdad in EG to Nam at 0300-0400 is on 11945 (Wayne Simms, AL, SCDX 29/1) If so, I could not hear it under Spain; no modulation could be heard on an 11935 carrier (gh)

INDIA AIR GOS to ANZ 2045-2230 now on 15110 11755 per anmts (Noel Green, BBC WRC 3/2; SCDX 5/2) A recent survey of Indian regionals hrd in Au reveals the following carrying EG mx at 1530: 4820 Calcutta, 4800 Hyderabad, 3375/3365 Delhi, 3355 Kurseong, 3315 Bhopal, 3305 Ranchi, 3277 Srinagar, 3268 Kohima (Michael Willis, Yarram, Vic.)

ETHIOPIA LN-4

CZECHOSLOVAKIA R. Prague anc'd 13/1 that its 1530-1625 to Af would be testing on 21505 7-20 Jan, replacing the regular 13m channel; this use has been confirmed. (WBI 17/1)

CUBA has begun EG to Nam/Carib on a powerful MW xmtr. During a 27/12 visit to RHC we wondered why they were using SW only, since Cuba is close enough for MW to be effective. A month later the new service was underway. For a long time Cuba has had a quasi-external service overnight in Spanish on many MW channels, "La Voz de Cuba". This continues except on 600 kHz, which at 0500-1100 (probably an hour earlier during Cuba's DST) carries "The Voice of Cuba" in English. A very pleasant chime IS based on a revolutionary march starts as early as 0445, and this xmtr is either off the air earlier in the evening or on a very different antenna pattern. This is a 'regional' channel on which the power is supposed to be limited to 5 kW; however, Cuba is likely using at least 150, as it has on several other channels in defiance of regional broadcasting agreements with the US, which still observes the limit. It's best heard in east-central US due to a 'hole' left by domestic stns beaming away from that area; and, of course in Florida. Pgmms are the same as on RHC shortwave where the programs are produced, but not in // to the 0630-0800 xmsn; VOC announces a different mailing

address even tho one of the pgms it carries is RHC's "P.O. Box 7026". Cuba has broadcast in EG before on MW, but not on this scale. Lower-powered xmtrs were once known as "The Friendly Voice of Cuba" and "Radio Free Dixie". This development brings home the point that there is nothing to prevent R. Moscow from reaching a US AM-band audience. Cuba already relays Moscow on SW and could easily start doing so on MW. We can't blame the Cubans for taking this step. VOA has been beaming into Cuba on MW 1180 kHz since around 1962 (and indeed into the USSR via European MW sites). But one thing isn't quite fair--Cuba jams the VOA (Glenn Hauser, "Shortwaves", Denver Post 17/2) Why bother listening to 600 kHz, when we can just as easily tune in local level harmonics on 2400, 3600 and 4200 kHz? (Terry Krueger, FL, 6/2)

CHINA (Cf Jan LN-3, Feb LN-1) R. Peking sked showing several fq changes, some of them in the lower-fq feeders not easily hrd in target areas: 0000 ENAm 17680 15520 15120 11695 8300 6810. 0100 ENAm 17680 15520 15120 11695 8240 6520. 0200 ENAm 17680 15600 15120 11695 10865 8240. 0300 WNA_m 15230 12055 11650 10865 9460 8240. 0400 WNA_m 15230 12055 11650 10865 9460 8240. 0830 ANZ 17635 SSB-15480 15125 12450 11725 11600 9460 8425 6995. 0930-1030 same. 1200 ENAm 9820. 1200 SEAs 17700 15300 9390 5420 4200. 1300 SEAs same. 1400 SAs 11650 9860 6810 3270. 1500 SAs 11650 9940 9860 5295 3270. 1600 E_SSAF 15315 9860 4020 3270. 1700 same. 1800 SAs 6590 5050 1210. 1930 N&WAF 11695 9880 6955 6250 5250. 2030 same. 2030 Eu 7470 6860 6590 5090. 2130 same (Jan WBI) Xmsns are 55 min tho BBC shows 60 mins (gh) LN-6, LN-12

CANADA RCI M80: 0100-0127 SA_m 17820, N&CA_m 9755* 5960. 0200-0227 SA_m 11940, N&CA_m *9605 5960. 0300-0327 SA_m 11940, N&CA_m 11845 *9605 *9535 5960. 0400-0427 N&CA_m 11845 *9535 5960. Mon-Fri 0615-0630 & 0645-0700 Eu 9655 6140 D-7155, ME D-17860 D-15265, AF 11825 *9590 *6045 D-11775. 1545-1559 USSR 21695 17820 15325 D-11935 D-9555 S-15315 S-11915. 1645-1659 Eu 21695 17820 15325. 1800-1829 Af 17820* 15260*. 1900-1929 Eu 21695 17875 15325 D-5995. 1900 -1929 Af *17820 *15260. 2000-2029 Eu 21695 17875 *17820 15325 D-5995. 2130-2157 Af 17820* 15150* 11945 17875 15325. 2200-2259½ Mon-Fri Eu 17875 15325 D-5995. 2258½-0059½ N&CA_m Mon-Fri *9755 5960. Effective 27/4 with DST, the 0000-0027 N&CA_m xmsn returns, on *9755 5960. The 2200 xmsn expands to 2100-2259½ and the use of 17875 and 15325 on the 2130 xmsn resumes being a weekend affair only. The 2258½ xmsn moves to an hour earlier at 2158½-2359½. Here, *means a 50 kW xmtr; rest from Canada are 250; D-Daventry 100 kW; S-Sines Portugal 250 kW. (RCI 28/1)

CAMBODIA LN-5

BANGLADESH R. Bangladesh ES M80: 0445-0515 15400 7245 21685; 1230-1300 15285 21670; 1815-1915 11765 15285 (Günther Jacob, Passau, W. Germany, BRT DX 10/2; planned as of 26/1)

AUSTRIA M80 changes for ORF: 0430-0500 WNA_m 12015 ex-15260; 0830-0900 ANZ longpath on 15440 replacing 21 MHz (Austrian SW Panorama 10/2) AUSTRALIA LN-12

ANGOLA RNA EG sked 1130-1150 on 7245 9535 11955; 1630-1800 on 7245 9535 (André Tatter, DDR, SCDX 29/1) I think that 1630 xmsn is actually a group of clandestine pgms (gh) ALGERIA LN-15

OTHER SCHEDULES

VIETNAM VOV ES in Cantonese uses 6425 ex-6435 1000-1100 //

7470 9592 10010; not hrd on listed 11750 where BBC-Kranji

dominates. Bac Thai/Cao Bang Broadcasting Stn now obs 6895-6900 at *1130-1430* (Ugusa DXFL)

VATICAN Vatican R. since 1/2 is testing 500 kW during the M/W/F/Sa Japanese xmsn at 2150-2205 on 9645 or 9235 instead of old 100 kW (NHK DX 10/2) Probably many other times too (gh)

U S S R Some local domestic services on SW: Kaunas (R. Vilnius) 9710 0600-1500; 6100 1600-2230. Tallinn 6085 1600-2200 (Sun 0800-). Murmansk, 5930 0200-2200. Minsk D1 0300-2200 9645 9795 11995 (Mogiliev) 12005. Minsk D2 0300-2200 9545 9725 7140 (1000-2200). Kiev 6020 0500-1645. Baku 6110/6135 0200-1300 & 2000-2200. Alma Ata D1 0000-1930: 5970 (to 1800), 6180 (to 1800), 9780 11950; Alma Ata D2 0000-1800 5960 9505. Tashkent 5925 0000-1930. Irkutsk 6090 2200-1700. Khabarovsk 7210 2000-1900. 7310 (Mayak) 0800-1500 & 1600-2130. Magadan 5940 1700-1400, 7320 1600-1500, 9500 1500-1400, 9600 1400-1300. Vladivostok 7200 (Mayak) 0930-2130. Yakutsk 7100/7200/7265 0030-0900, 7345 0030-1215 (Olle Alm, Feb UHN)

U S A WYFR is to start programs in Italian 2/3 beamed to Europe on 15440 and 17845 at 1830-1900 (Charley Hoffman, PA) And per sked for all those Italians in WAF, on 21525; programs consist exclusively of bible stuff (gh)

URUGUAY SODRE IS sked: 11885: 2100 SP, 2145 EG, 2230 SP, 2315 EG. 9515 0000 SP, 0045 EG, 0130 SP, 0215 EG (Daniel M. Faccioli, Montevideo, ADXL Feb-Mar) see LN-5 SOUTH AFRICA LN-12

SA'UDI ARABIA Minister of Info said in a statement to the Sa'udi News Agency transmitted 24/1 that on 21/11 the Holy Qur'an stn, Riyadh increased output from 6 to 18h per day. Some of this must be on MW only since our observations now show 7h 55m per day on SW: 0600-0755 on 21625 17815, 0800-1100 21625 17890, 1800-2100 15240 11685. There is also a HQS in Mecca on 4 MW fqs (WBI 31/1)

PERU R. Los Andes, Pampas, 5300 kHz, now to 0200* (Cristián Saint Germain, Feb-Mar ADXL) R. Cultural Amauta, Huanta on 4955 now to 0230* (Emilio Pedro Povrženić, ibid.) NIGERIA LN-12

NICARAGUA R. Zínica (ex-R. Zelaya), Bluefields obs on 6120 1100-2400 (Sun-2300). Mostly in SP except Miskito 1330-1345 daily, 2030-2100 Fris, EG see LN-2 (WBI 17/1)

NEPAL R. Nepal on 3425 and 9590 at 0020-0350 and 1150-1720; 5005 and 9590 at 0720-1030 (A10) Das Gupta, Calcutta, via G. Victor A. Goonetilleke, R. Nederland DX Juke Box 24/1)

MOZAMBIQUE Maputo reactivated 15295, days GMT, 0700-1500? as before? can't tell here; EIMG 9600 at 0730-1730; Beira again on 9635 0900-1215, 1300-1730; //6090 (R. Glnbey, RNDXJB 14/2)

MALDIVES (Cf Feb LN-6) R. Maldives 4754 now *0030 (Oliver T. Goonawardena, SCDX 5/2)

LIBYA Sked effective 1/12/79 to 2/3/80 rcvd from SPLAJBC shows: 21610 1000-1400 Eaf. 17930 1000-1800 ME. 15450 1400-2200 Eaf. 15435 1500-1700 Eu. 15425 1000-1700 NSWAF. 15415 1000-1500 Eu. 15385 1800-2200 ME. 11790 1700-2200 Eu. 11690 1700-0100 Waf to 2200, then C&NAm. 6185 2200-0100 C&NAm (WBI 24/1) Their operation is highly variable, observed as follows: 21610 1300-1400 or 1900; 17930 1000-1700 or 1800 or 1900. 15450 1400-1900 or 2200. 15435 1000-1700. 15385 1700-1800-1900-2200 (Richard Ginbey, RSA, RN DXJB 14/2) KENYA LN-12

LIBERIA Per ELWA's latest sked, some of the best times to hear them: 11930 0625-0730 daily in Arabic & Berber. 11835 2010-2115 daily same. 11830 Sun 0800-0930 FR. 11830 0625-0800 Sun EG + 7 Waf langs; 11830 0625-0815 Sat EG + 7 Waf langs, all 50 kW. 10 kW on 4770 in EG and 13 Waf langs: Mon-Fri 0555 -0900 & 1555-2300; Sat 0555-2300, Sun 0655-2245 (Kristan, PA)

LEBANON R. Lebanon ES to SAM now obs on 15340, 2300-2330 PT, 2330-0030 AR, 0030-0100 SP (WBI 31/1) Way to go, Beirut, co-channel Habana at 2300 in PT. Your frequency 'management' and previously reported ignorance of GMT, kHz, etc., are making you a laughingstock (gh)

KASHMIR AZAD AKR, Muzaffarabad, hrd on 6 75 at various times between *1130 and 1400*, mainly folk mx and anmts in unID lang; Azad Kashmir often mentioned (Yoshiaki Yayashi, Saitama, and Tetsuo Suzuki, Tokyo, RA Japanese DX Time 3/2) 2nd digit of fq illegible, but maybe 3 (gh)

ISRAEL Because of continuing interference complaints, the 29.7+ MHz outlet has been moved to 27790--that's right, in the middle of the illegal CB band, a band which in the US is allocated to government mobile/fixd (gh) 27790 is planned to continue M80 1400-1525 daily; Sat/Sun 0535-0600 & 1000-1030. In order to overcome intentional QRM from EEU, from 12/2 the 2200 -2325 fq to SAM/AF 11620 was replaced by 17645, continuing in M80 (IBA PA 9/2) M80 tentative sked includes Persian at 1530-1625 to EU/ENAm on 15105 25625; EU 1960 17685 17875 21555 21625 25605; to Iran on 7395 9009 21600. French 0515-0530, 1230-1300, 2030-2055, 2200-2230 on same fqs as the EG, see LN-2. Yiddish at 2300-2325 E&C&NAm 9815 11637 15582; CAm/NSAm/NAF 11637 15582; C&SSAm, Af 17645; Af 17685. SP 2330-2355, Hebrew 0030-0100, PT 0130-0155, SP 0230-0255 all on 15582 11637 9815 with some modifications of target zones as appropriate. Russian 0300-0355 to NAm 9815 1960 17685 + possibly 11655; to USSR/WNA 11795 15105 15415; USSR on 738 11705 17710 + possibly 11610 15390. Hebrew HS 'Reshet Bet' tentative M80: 25605 0615-1355. 17710 2300-2310. 17630 0615-2310#. 15615 1805-2310. 15585 0535-1355 & 1805-2155. 15390 0400-0530 (Sat 0500-0530). 11960 2300-2310. 11655 0400 (Sat 0500)-0610#, 0615-1755, 2000-2310#. 11610 0400-0610 (Sat 0500-) & 1800-1955. 9815 0400 (Sat 0500)-0610#. All transmissions are to EU; those with # are also to ENAm (NAm in general on 9815). The Arabic HS 'Reshet Dalet' on 738 7465 0415-2215 may change to 0400-2215 (IBA PA 9/2)

V. of Israel recently reorganized xmsns in the 1400-1830 period, now obs: 1400-1445 RS, 1445-1515 Persian, 1515-1525 Georgian, 1530-1625 Persian, 1630-1700 Yiddish, 1700-1745 RS, 1745-1800 Hungarian, 1800-1830 Romanian. Relays of DS in Georgian, Mograbit and Ladino continue on 15585 at 1715-1800 (WBI 24/1) Russian at 1400 runs to 1510 (no Persian then) except that Bukharian is carried on alternate days at 1455-1510; Georgian 1510-1525. Russian at 1700 is until 1742. Altho BBCMS showed 6 xmts in Romanian at 1800, only 2 are used for this, with the rest in Yiddish (IBA PA 12/2)

IRAN Recent obs of VOIRI show the ES in Persian "Familiar Voice" (Persian: Seday-e Ashna) has been reintroduced, 2030-0230 on 15084 9022. Anmts say 11930 is used from 2330 and that the 0030-0230 portion is also beamed to Am. This service consists of relays of DS nx (including a major one at 2030-2130) and its own mx; it was discontinued early in 1979 when the SW channels began relaying the VOIRI DS thruout the 2030-0230 period (WBI 17/1)

INDONESIA RRI Dili official sked is 2155-2320, 0855-1415 on 2456 and 3120; pgm in bahasa Tetun at 0030-0100, 0130-0200, 0230-0300 (Satoshi Wakisaka, Osaka, IDXR 13/1) RKPDKD Tkt 2 Gianyar, Bali, hrd on 3125 barely audible, but regular and fair strength on 6250 harmonic 1320-1405*; announces 96 metres (Robert Yeo, Australia, Jan ADXN via IDXR)

ETHIOPIA VORE Nat'l Svc on 7110 5990 873: 0330-0400 Oromo (not Sun), 0400-0600 Amharic (not Sun), 0430-0500 Oromo (Sun), 0500-0900 Amharic (Sun). 0900-1000 Tigrigna. 1000-1030 EG. 1030-1200 Amharic (not Sun). 1030-1400 Amharic (Sun). 1430-1600 Oromo (Sun). 1430-1600 Oromo (Sun). 1600-1700 Tigrigna. 1700-2000 Amharic (WBI 1/80)

ECUADOR R. Liz y Vida s/off has changed from 0300 to 0430; fq varies between 4830 and 4850; would the first be used in the morning and the other at night, or both at same time? (Cristián Saint Germain, Rosario, Argentina, Feb-Mar ADXL)

CHINA R. Peking in Quechua to Peru/Bolivia/Ecuador: 1030-1100 11685 9900 8425 6995; 2200-2230 & 2230-2300 on 15520 12080 11650 5250 4130. Italian to Somalia (surely the only stn other than Rome with such a service!) at 1930-2000 on 11515 9900 7080 6540 4020 3270. Esperanto: 1100-1130 Japan & Korea 9860 8425 7315 6995; 1300-1330 SEAs 11685 6810 3270; 2000-2030 EU 9380 8240 6860 6410 (WBI 1/80) Cf Jan LN-5: R. Peking DS in minority langs observed: Kazakh 0130-0225 9920 8566; 1400-1455 11040 9900 8566 (both also via Urumqi 5440 4970) Korean 0400-0455 9900 8566; 1000-1055 8566 6430; 2130-2225 6430 4190. Mongolian 2230-2325 5915 4190; 0500-0555 11375 8566 (also via Hohhot 6974 4010); 1200-1255 5915 4190. Tibetan 2330-0025 11000 9920; 1100-1155 11000 9920 (also via Lhasa 9490 5995 4035), Uighur 0030-0125 9920 8566; 1300-1355 11000 9900 8566 (both also via Urumqi 5990 3235) (WBI 17/1)

CANADA CBCNS M80: 1128-1359½ 9625 6065; 1400-2359½ 11720 9625; 0000-0607 9625 6195; as from 27/4 with DST: 1028-1259½ 9625 6065; 1300-2259½ 11720 9625; 2300-0507 9625 6195 (RCI 28/1)

CAMBODIA WOKP ES on 11938 9695 1360: EG 0000-0015 & 1200-1215; FR 0015-0030 & 1215-1230; TI 0030-0045 & 1230-1245; Laotian 0045-0100 & 1245-1300; Vietnamese 0100-0115 & 1300-1315 (WBI 1/80)

BOLIVIA R. Fides has a daily pgm in Aymara at 0900. R. Machupo on 5585 now signs off at 0200. R. Comarapa now s/off at 0215 on 4090, not 4095. (Cristián Saint Germain, ADXL)

BANGLADESH Dacca in Bangla at 1230-1445 is on 21635 and 17665 (Wolfgang B'schel, GFR, 23/1)

ALGERIA R. Argel on 15230 at 2130-2200 with SP pgm, fq not announced, just 251 7145 9610 11740; EG on the same fqs at 2100-2130 (ADXL Feb-Mar) Including 15230? If so, co-channel Habana; possible relay setup? (gh) Algiers SP to Chile until 2200 on 251 11647 15229 (B'schel)

AFGHANISTAN (Cf Feb LN-3, 4) R. Afghanistan DS via 100 kW USSR xmtrs: 15305 0500-1500; 11710 0530-1530; 7235 0125-0400 & 1600-1930; 6190 0125-0430 & 1530-1930. Via Kabul-Yakatut 7200 10 kW 0125-1930; 6230 50 kW 0330-1930; 4775 100 kW 0125-0335; in Pashto and Dari. 2nd Gpm Kabul-Yakatut 4775 100 kW at 1130-1330 & 1600-1630 in Nuristani, Turkmen, Uzbek, Baluchi (WBI 1/80) 15305 registered with ITU as Voronezh; 11710 Kazan, 7235 Zhigulevsk (WBI 1/71) more AFGH LN-12

MISCELÁNEA RADIAL

VIETNAM A stn hrd at 1410 in Viet on 9679 //9840, at first thought Tay Nguyen, but WRTH lists Hanoi for 9840 In any event, 9679 is whatever 9840 is! (Mike Willis, Yarram, Victoria, Australia) Oh? (gh)

VATICAN The 6210 xmtr was unstable and noted around 6235-6240v at the time of typing (Andy Sennitt, DSWCI Ed, 1/80; so typing in mid-December) Behaving just like a pirate... (gh)

U S S R Kabul DS hrd on 24760 twice around 1600; must be 4 x 6190 inaudible (Sennitt, DSWCI)

URUGUAY Informed sources say there are no plans to modify the time currently observed here from GMT -2; this will continue indefinitely (Daniel M. Faccioli, Montevideo, ADXL) Absurd! Uruguay's location should put it in the GMT -4 zone, but GMT -3 has long been observed, changing to GMT -2 for summer. They sure must like to pretend the mornings are dark and the evenings are light (gh) ES sked will shift 3/3 with change to GMT -3 (Faccioli, SCDX 19/2) !

U K O G B A N I While listening at the upper reaches of my RF-4900, I heard the BBC WS on the unlikely fq of 30140 at 1514 GMT; faint, fading, still audible past 1600 (David S. Miller Natrona Hts PA, 7/2) Nice catch, 2 x 15070, probably under 100 watts; often hrd here during prevailing high-MUF conditions (gh) BBC R. Rainbow hrd on 6965 0200-0300 in SP with EG language lessons; good 17/1 with light fading, SIO 434 (John Findlater, Universal City CA) This was a feeder fq; so "Radio Rainbow" is used as program title for L.L. in Spanish as well as French from BBC. Would also be audible on all //Spanish fqs (gh)

UGANDA No xmsns have been hrd from R. Uganda's DS SW channels since 2/1; ES in Soroti was last hrd on 6/1 (WBI 17/1) DS obs again on 4976 25/1, the first time Uganda had been heard on SW for 3 weeks (WBI 31/1) NAM svc 0300 15325 still missing mid-Feb (gh)

TRANSKEI (Cf Feb LN-2) Slightly different sked for Capital Radio: 3950 0300(Sat/Sun 0400)-0515 & 1615-2200(Fri 2300, Sat/Sun 2400). 7160 0515-1615. 10 kW now, but to be raised to 50 by May; and 7160 will shortly move to a 31m channel if not already; there are continuing problems with MW coverage (Richard Glnbey, RN DXJB 14/2) My report of 7150 instead of 7160 was in error (Pieter Martins, RSA DX) /more SINGAPORE LN-12 SOMALIA LN-12

SINGAPORE R. Singapore turned up for a few weeks in Jan on 4780 in EG, but has since vanished, as of early Feb; best hrd around 1100 (Mike Willis, Vic.) 4780 heard 19/1 and 20/1 at around 1530, // 5052 but 5010 not audible; 30/1 check 5010 was back and 4780 gone (George J. Poppin, San Francisco CA) The 5010 xmtr was used for a test xmsn on 4780 18, 19 and 20 Jan. We have since restored our xmsn on 5010 (Sim Choon Hin, R. Singapore 7/2 letter to Poppin)

SA'UDI ARABIA (Cf Feb LN-13) Something was bothering me about the Bangladesh item at the time and now I realize what it is--BSKSA is on this freq 11855 in EG at that time, whilst Bangladesh has notherwise been reported on that freq, so a mis-ID is likely (gh) Jeddah hrd in FR on 11857 at 0630; a bit of a mess really (Mike Willis, Vic.) Cf Feb LN-14. Maybe Greenwood's unID is the BSKSA feeder noted irregularly on 5260 around 2230 // 5872v. Alma Ata is alone on 5260 from *0000 (Terry L. Krueger, Casselberry FL, 6/2) more LN-12

PHILIPPINES FEBC has loaned its 9715 xmtr for xmsns of the Philippines News Agency, Mon-Fri, well heard here at 0830 in EG, 0900 in RS (Antônio R. da Motta, São José dos Campos, Brasil, ADXL)

PERU I've spent a large amount of time monitoring the new Peruvian on 5035 (cf Feb LN-13) and on 4/2 after late *1011 with slogan "R. ---ta" hrd ID at 1027 as "R. Imasi" (spelling uncertain), Tarapoto, OCX9A or OCY9A; really pro-sounding, Peruvian and LAM mx; peaks at S9 but fades out every 5 or 6 minutes (Stu Klein, FL) Hrd 28/1 1030-1115 and tape I made sounds like R. Pasco (which is a dept. of Peru) 5/2 not audible at 1015, but in at 1050 check; they do mention San Martín; and it's R. Paco, Tarapoto; 80% positive (M. Greenwood, PA)

PAKISTAN R. Pakistan has made some interesting fq changes: 11640 *1330 Urdu; 7375 Rawalpindi HS at 1415 ending nx in Urdu; 11675 R. Pak with AR ID at *1215 (Willis, Australia) Rawalpindi DS in Urdu hrd on 7335 1300-1500, heavy ute QRM (Bob Padula, RA DX 27/1)

MONGOLIA RUB hrd at *0900 on both 4850 and 4995, both good. EG 1220-1250 good on 6383 & 12070; FS in Chinese & Mongolian is on 4952 at present (Mike Willis, Vic.) Cf Feb LN-6, RUB beautiful clear ID at 1220 on 12070.0, calibrated against VNG-12000 (Gerry Bishop, PA, 25/1) No it isn't! It's definitely on 12068, 2 kHz down from Mayak (Syd Osterman, Ont.) ?? (gh)

MONACO TWR noted on 9485 until 1711 in Hungarian, from 1713 in Serbo-Croatian (Büschel, GFR)

LESUTU R. Lesutu has been heard on 5355 with distorted modulation on the sked of 0400-2030 (Wed & Sun 2105) (Richard Ginbey, RSA, RN DXJB 14/2) A mistuned 4800 xmtr? (gh)

LAOS Pakse has been untraceable since mid-Jan on 6599 and not found anywhere else. Something wrong with xmtr? They disappeared before, in 11/78 but after a month re-appeared on a nearby fq (Isao Ugusa, Kobe, Japan, Feb DX Front Line)

KALAAALIT NUNAAT is the spelling of ex-Greenland, not Kalaalit, per Saturday Review 2/2, cf Jan LN-7, and Godthab is spelled Nuuk (gh)

JAPAN FEN hrd 11/2 on 11750 //6155 with pop mx, JP lesson, numerous FEN mentions, drowned out by Bow Bells IS from BBC Singapore 0855, but then audible under; 3910 also listed but not hrd; 11750 not listed (Joel M. Rubin, Berkeley CA) in WRVH 80, I presume, but 11750 is an oldtime FEN fq better forgotten due to BBC et al (gh)

ITALY Italian Broadcasting Corp on 6250 ex-6251.5 at 1000/2000. In a few weeks also testing over 6275 and 17940 !!!!! (IBC via Play-DX 28/1) Low-power private/pirate (gh)

IRAN VOIRI reported 28/1 that clocks would be advanced an hour from 21/3; winter time would resume on 23/9. Local time will be GMT +4½. All DS nx and ES xmsns will be heard one hour earlier than at present (WBI 31/1) I.e., EG at 1830-1930 on 9022, silly as that is (gh)

INDIA AIR Bombay commercial svc on new 11765, clear 1000-1200* (Peter Bunn, RA DX 27/1)

GRENADA R. Grenada noted this winter on 15150 around 1000 (Steven D. Feinstein, Framingham MA, 25/1) Would be new freq and new time; can anyone confirm? (gh) 15105 peaks between 2000 and 2030, 18/1 (George Graham, Vic., ADXN Feb) 15045 usually missing at 2309 checks, but was on 16/2, no obits (gh)

GERMANY WEST Deutschlandfunk pgms relayed by Sines are audible via DFF-97, Frankfurt, 6975 RCUSB from 0530 in Slovak, 0600 Polish, etc. These are for broadcast later in the day as they begin "Dobry večer" (good evening). Wallpaper collectors might be able to QSL DLF this way, on either Sines or the ute (Bob Rankin, Lawrence KS, 21/1) SC repeat of last nite? (gh)

GABON Africa Number One has been completely off the air since 22/12 (Ginbey, RNDXJB 14/2)

EQUATORIAL GUINEA At least 2 high power xmtrs are at RE's disposal at a given time as evidenced 4/2 0545 when 4925 was //5005 (Terry L. Krueger, FL) But when I checked was on 5005 only at 0550, 0600 ID; nothing detected on 4925 (Maxfield Greenwood, PA) cf LN-8 - NZDXT

DUBAI R. Dubai, excellent 30/12 only with test in FR on 21480 at 0819 (Peter Jones, Jan/

DOMINICAN REPUBLIC R. Clarin first noted at end of Dec at 2325 in Italian, 2335 PT for Brazil, all on 4850. At 2400 in SP but blocked by Tashkent (Michael Shaay, Doorn, Netherlands, SCDX 22/1) Strikes me as a bit doubtful, but you never know with this stn, hi (gh)

CYPRUS TURKISH As soon as new crystals have been built into the xmtrs, R. Bayrak will be on exact fqs of 1095 1503 and 6150=7.5 kW, around Feb 1980 (Jan WDXC) At the 18th Congress of the Universal Postal Union (12/9-25/10/79) the stamps issued by the Turkish Federated State of Cyprus were declared illegal and of no validity. The adopted declaration instructed the Int'l Bureau of the UPU to call upon the member countries to refuse to handle any mail bearing the illegal stamps. This is going to make getting a R. Bayrak QSL even more difficult (William A. Matthews, Columbus OH, 30/1)

CUBA I just got a QSL from R. Moscow, and they list Havana on the card as the site (16/12 2145 on 11860) (Kevin Mikell, Park Ridge IL, 23/1) Maybe a first! It's registered with ITU now so Moscow can afford to admit it (gh)

COSTA RICA R. Reloj, fair at 0140 2/2 on 12012, 2 x 6006 (Dario Monferini, Milan, Italy, PLAY-DX) One of the most erstwhile of longstanding harmonics (gh)

COLOMBIA R. Mira, Turmaco on 6015 was destroyed 12/12 by the earthquake (Alfredo Polanco Huertas, Tuluá, Colombia, Play-DX 4/2)

CHINA (Cf LN-3) I have listened each evening to R. Peking for about 3½ hours. Consistently, I find that here, 15520 is best, 17680 next best, and 15120 worthless; best times are 0100 & 0200 (S. Davenport, Tuscaloosa AL) Some appearances on interesting channels: 4975 HS in Chinese 1100-1400+, 5960 Chinese HS, 1400-1500+, 7208 Yunnan in Chinese 1330-1500; 7299 Chinese HS 1200-1300+, 8566 Uighur 1300-1355*. The HS outlets are not // anything and so may be regional outlets; 7208 causes a real het. Liaoning in Chinese on 4831 also fades in at the interesting time of 0830 (Mike Willis, Yarram, Vic.) Inner Mongolian PBS hrd with EG ID at 2200 on 6840, a first? (Takahashi, SCDX 29/1) Harbin 4925 EG lessons 0930 QSLed in 15 days giving other fqs as 4840 and 5950--the Heilongjian PBS. Fuzhou 4975 hrd with classical mx and EG recordings 1330-1400 (Arthur Gushen, Invercargill NZ) Heilongjiang PBS, Harbin reported 25/1 that since ads began to be accepted, the volume of ads had increased rapidly, so from 28/1 a portion of time would be set aside exclusively for ads at 2120-2130, 0250-0300, 1050-1100; besides ads at the end of each wx forecast and during the 'Social Service' pgms. This stn also handles ads for the Xinjiang Regional PBS and other provincial, municipal and autonomous regional stns thruout China--"our procedures are simple and our service dependable" (WBI 31/1)

CHANNEL ISLANDS (pirate) R. Channel International, new stn, received a report from Washington DC that it was hrd 1/1 at 0809 on 6552.5; since moved to 41 & 4m bands (Burden, Notts.)

CANADA CFVP/CFCN is making occasional appearances on 6030 between 0800, when SDR sometimes fades out (more or less) and 0855; 16/1 was very good, first for me since April. Top-40, lots of ads, TCs, IDs; nx on the hour sounds like it's from CBS (not CBC)--same electronic jingle (Bob Rankin, Lawrence KS) Anyone wishing to hear CFCN's SW relay on 6030 should try after 1200 when VOA xmtr goes off. It can be heard peaking thru the noise with Alberta time TCs, IDs as CFCN by male DJ. From 1200 to 1230 a het is there from a few hundred Hz up. This goes off at 1230. Sports 1220. Every time I heard 'em they play Styx' stinking song "Babe I'm Leavin'" around 1245. More readable after 1313 when a loud carrier comes on reducing background noise. But you have to listen for this one. In a week's monitoring I heard them 3 times, once with almost fair copy (Paul Kowalski, Milwaukee WI, 21/1) CFVP 6030 poor at 09-50 with top-40, hrd only on beverage antenna w/VOA absent 4/1 only (Leigh Morris, NZ, ADXN) I know it's a VOA xmtr, but the stn is AFRTS! (gh) 26/1 condx were good enough for logging CFCX Montreal 6005, CFVP Calgary 6030, CFRX Toronto 6070, CKWX Vancouver tentative on 6080, between 0750-0830. CFCX & CFRX poor-to-fair, CFVP poor but definite (Dave Mosier, S. José CA)

CAMEROON An unID hrd on 4000 5/2 2255-2302*, presumed African with Waf pops/disco, ID by man in FR at 2300 but mauled/mutilated/dismembered by an ARO, so just caught 'kHz' then into unfamiliar orch. NA and off. I have no idea on this one; no trace of it since (Terry L. Krueger, FL, 9/2) Cf Oct LN-6 for the answer (gh) Cameroon noted on 4000, EG nx 1830, and various langs including FR from fade-in 1700 past 2200 (Miki Včelac, RSA, 30/1) Yaoundé on new 4000 1735-1845 10/11, often EG nx 1830, FR 1845 (Gerhard Werdin, Sri Lanka, Jan DSWCI SWN)

BRAZIL Am hearing Radiobrás Amazonian DS in PT on reactivated 15445 // 11780 but much stronger and clearer than the 25m fq. Around 0000-0300* when the NAM svc comes up on 15290; for some reason that is not hrd quite as well as the Amazonia svc on 15445; EG trimmed back to an even 50 mins, by the way (Joe Tangredi, Las Vegas NV, 22/1) RNB testing on 15445 from *1900; they don't announce it regularly, tho. Not the same xmtr as at 0300 on 15290; at 2000 the three of them are hrd, 11780//15445, and 15125. RNB say they have 5 x 250 kW RN RZ believe IS may be expanded but they don't have details yet. One night RNB was on 15435 instead (Roberto Levinstein, Madrid, Spain) Agree, 15445 xmsn heard overlapping with 15290 one. Reception oddity in Nevada may be due to 15290 antenna heading further east than 15445 (gh) 15445 Amazonian svc has enormous level at 2000; // 11780 (Noel Green, UK, BBC WRC 3/2)

BOLIVIA R. Panamericana, La Paz, 6035, anc'd 26/1 that from Mar or Apr, it would form part of a networked xmsn to be hrd simultaneously in Eu and Lam. CREA (Euroamerican Radio Broadcasting Network) from Madrid was setup as result of Euro/LAM stn rep meeting 11/78, and a recent conference attended by Spanish and SAM BCers in Bogotá. CREA will broadcast via satellite 15 min per day and will cover European and Lam nx (WBI 31/1)

BHUTAN (Cf Feb LN-5) Obviously I'm more optimistic than B. Whitacre; no station is impossible to hear--unlikely, maybe (Terry L. Krueger, FL)

BELIZE (Cf Feb LN-5) The stn on 1668 is definitely R. Belize, 2 x 834 (Feb SWNS) T.S., NASWA country hunters--this is no longer 'shortwave' (gh)

ARGENTINA Tnx tip from Larry L. Ledlow, R. Rivadavia logged with strong SSB signal on 10680 4/2 around 0000; off soon afterwards (gh)

ANTARCTICA Nothing but a BFO het from LRA-36 in many moons (Bob Rankin, KS, 21/1) As of 7/2 GMT LRA-36 had apparently been missing from 6029 for at least a week. In Dec & Jan readability had been very difficult due to Soviet QRM (Feb SWNS) Note that for M80 AFRTS resumes a 0200 sign-on, so at least there's an hour less of that QRM (gh)

AFGHANISTAN R. Afghanistan hrd on 3390 1400 past 1600, 4775 1400-1500+, 6230 1200-1600+. Listed 7200 definitely inoperative. Recent developments have made little change on this station (Mike Willis, Yarram, Victoria, Australia)

FUTURE PLANS YUGOSLAVIA In a 25th anniversary report 25/1 Tanjug news agency said steps were being taken to increase R. Yugoslavia's effectiveness: plans to build a modern xmsn centre to increase coverage to a 4000-6000 km radius. RY would then increase output and intro xmsns in additional langs to those now in the RY ES. Despite its present lack of technical facilities, RY will be introing xmsns next month in various langs spoken in Yugoslavia, produced in coop with other Yugoslav radio stns. RY will also be making its foreign-lang pgms available in the Belgrade area this year (WBI 31/1)

U S A WYFR plans for 1980 include work on at least one more xmtr with five more antennas. Inauguration of an eastern-Canadian service with 24h pgming is also planned. A special high-angle antenna is also being built for broadcast to Cuba (WYFR Newsletter via Charley Hoffman) The President is seeking \$96.1 million for the VOA, \$6.6 million more than was appropriated for it in 1980. For the ICA of which VOA is a part, the President has asked \$429,184,000, an increase of \$26 million. BIB (Board for International Broadcasting = Radio Free Europe/Radio Liberty) would receive more than VOA, \$103,835,000, an increase of \$20 million. But of the total, \$5 million is for currency devaluation--most RFE/RL facilities are in West Germany, where the dollar has lost ground to the German mark, and \$813,000 is for BIB. RFE/RL is seeking additional funds for 1980 to strengthen its broadcasting to Muslim areas of the USSR and Eastern Europe in the wake of the Soviet invasion of Afghanistan. The President last week asked Congress for a \$6.6 million supplemental appropriation to make up for purchasing power lost through devaluation of the dollar (Broadcasting Magazine, 4/2 via M. Kent Sidel, TN)

NIGERIA Per FRCN 27/1, the Muslim community in Waf is to set up a radio stn in Nigeria to propagate the message of Islam. "Voice of Islam" will broadcast news about Islamic achievements and will serve as a school for the education and enlightenment of the people of the WAF sub-region (WBI 31/1) OK Christians, you've been asking for this for 49 years... (gh)

MALAYSIA Two new Thomson-CSF 500 kW SW xmtrs and a four curtain antenna array will be commissioned by the Voice of Malaysia xmtr site Kajang near Kuala Lumpur, in April 1980. Present fqs 11900 and 15295 would be utilized, as well as new European fq 17725 (HCJB via WDXC)

ISRAEL Despite the popularity of SSTV (slow-scan TV, one picture per 7 seconds) on the ham bands, it is felt that not enough SWLs have the equipment to make it worthwhile via SWBC stations; nevertheless, if we receive enough response from people prepared to receive SSTV, we might be able to arrange some such transmissions on the V. of Israel DX Corner (Ben Dal-fen, VOI DX Corner 10/2) Another case of the chicken and the egg (gh)

HONDURAS Besides improvements and repairs of its MW and FM stns, R. Honduras anc'd 8/1 that it would be installing a new SW xmtr to cover the entire country (WBI 17/1) WRTVH 80 lists a stn by this name on 870 and 880 MW; however, the WBI report implies that this stn is the government one, which has been known and is still listed as La Voz de Honduras, formerly active on 5872v (gh)

HAWAII KAIM will increase its power on 870 to 50 kW, becoming the only AM stn in Hawaii with that much power; there's no reference to expanding to SW (Decision, via Marlin A. Field, MI)

GREECE is apparently uptight about VOA using sites there for increased broadcasts to Iran, I'm not sure why (gh) The govt has turned down an American request to use the two relay bases of the VOA (Kavala, Rhodes) for the VOA's new Iranian service. The reasons for this were Greece's desire to avoid involvement in the current US-Iranian antagonism and the recent malaise in US-Greek relations, which has held up the signing of a new contract ensuring the continuance of the existing VOA relays on Greek soil, per press comments (Mark Ward, WDXC Contact) In spite of the prohibition the VOA is broadcasting to Iran from Rhodes since November, it was revealed in yesterday's Washington Post. The US has made vigorous attempts to find sites for mediumwave broadcasts to Iran, according to a National Security Council policy (El. Demetrakoupoulos, Thessaloniki newspaper 28/12 via Dario Monferini, translated by Dr. Geraldine Gesell, University of Tennessee, Knoxville) BBCMS has reported Kavala as one of the sites used for VOA SW BCs to Iran as well, cf Feb LN-14 (gh)

ECUADOR Per a recent Escuelas Radiofónicas Populares, Riobamba, QSL, they will 'soon' start cmsns on 5015. No indication as to whether this is in place of, or in addition to 3985, or of exact date of commencement. Whenever they do start it, reports will be wanted (Don Moore) Tests of HCJB's rotatable antenna, and of the 500 kW xmtr when it finally is installed in Ecuador, will be made without previous announcement in order to assure uninfluenced reception reports (Roger Stubbe, HCJB, BBC WRC 23/1)

UBAI UK magazine 'Broadcast' recently carried this ad for Dubai Radio & Colour TV: "experienced newscasters are required to carry out news reading and presentations duties in our recently introduced EG language TV service. Duties will also include newreading on our present radio nets in the MF and VHF bands and on our SW EG lang services to be inaugurated early 1980. News editors are also being sought. Salaries in the range of 9000-17000 pounds sterling per annum and contracts are for two years." At least we might get a decent standard of representation on this new service, unlike most of the EG pgms from that part of the world! (Andy Sennitt, Jan DSWCI SW News) cf LN-6

YPRUS TURKISH R. Bayrak will start an European svc when they put their new 100 kw SW xmtr nto service in 1981, which has just been ordered from Brown Boveri (Kurt E. Zscherp, WDXC)

CLANDESTINE CRANNY

Radio Libertad Cubana was busted by the FCC GMT 7/2. I was listening the night of the final broadcast. At 1130 tune in Radio Abdala was in strong with usual interesting info (a 'congreso Abdala' governs the organization). Just before Abdala 0208* Comandante David began IDing in AM (proving that no less than two sites are/were used). RLC then began its broadcast from 0208, but for reasons unknown in USB. All this activity on 7090v, and nothing out of the ordinary noted that indicated an FCC move. No doubt Top Man, FCC FL Ralph Barlow was upset over this one (Terry L. Krueger, FL, who also supplies the following:) After receiving complaints from hams in the US and abroad about powerful QRM for the last few months, the FCC started investigating with long-range, direction-finding equipment. The investigation ended Thursday, with the confiscation of several thousand dollars in equipment at a Miami home, the release aid. A federal court then sealed the case meaning the government could not release any further info about the shutdown of RLC. "In general, they seal a case to protect people's lives or because it's an ongoing investigation and arrests have not been made," said John Sale, chief assistant to the U.S. attorney. (Ivan A. Castro and John Milne, Miami Herald 9/2) FCC officials said no one was arrested. Reps of R. Libertad, which claimed to transmit from Cuba over the past year, could not be reached for comment (another 9/2 clipping) I think I heard that R. Libertad Cubana on 7088 23/1 GMT at 0200. However, reception was poor due to Moscow QRM. R. Moscow now on 7085 in Spanish! Later at 0315 hrd man talking in SP, but seemed to be a 2-way conversation with breaks in xmsn (Stephen Webster, Ont.) RLC did that gh) RLC hrd 25/1 on 7080, 0158 ID, 0159 march, ID as R. Rebelde, 0200* (Charles Kristan PA)

La Voz de Alpha 66 has been on the air for about a month (unID Miami 9/2 clipping via Terry L. Krueger) Andrés Nazario Sargén, secretary general of Alpha 66, said he foresees no problems for their anti-Castro broadcasts on the 40m band. He said the station does not broadcast on a regular basis. But the govt doubts there are more illegal broadcast plants aimed at Cuba. "R. Libertad IDed in more than one way. It might be that there are not several stations but one with different IDs," said an FCC-spokesman (Castro & Milne, Miami Herald 9/2) A new anti-Castro Cuban stn was noted at SWNS HQ on 7055a 5/2 from 0140 tune-in until 0147* ID as "La Voz de Alpha (66?--not sure of last word)" (C.M. Stanbury II, Ridgeway Ont)

Radio Abdala, despite the shutdown of R. Libertad, says it will continue broadcasting to Cuba. Marcos Regalado, a member of Abdala said "We have been broadcasting since 1972 and we aren't going to stop now. But we won't admit our plant is in the U.S." He said the station broadcasts on Mon, Wed, Thu, Sun with news, editorials and protest songs (Miami Herald, as above) R. Abdala hrd same date as Alpha 66, 5/2 around 7080 from *0102 to 0126* when it abruptly left the air in mid-program (SWNS)

Radio Revolucionaria del Pueblo The YSKL net reported 21/1 that members of the 'People's Revolutionary Army' had temporarily seized 21 radio stns thruout the country. They used the opportunity to announce i.a. that their own stn would begin broadcasting in the central departments of the country from 1600 22/1, between 1400 and 1600 kHz (WBI 24/1) The inaugural broadcast was hrd 1630 22/1 on 1600 kHz. Amnts said it was 'the official voice and instrument of struggle of the ERP from somewhere in our heroic fatherland in the year of unity and final liberation'. The stn, which broadcasts to the central depts of El Salvador, does not at present have a fixed sked and does not broadcast daily, just amnts and communiqués at odd hours. However on 26/1 listeners were advised to tune in on Tues or Fris at 1830 or 2400. Altho this was the stn's fixed sked, it might not go on the air on those days 'for reasons beyond our control' (WBI 31/1)

Numbers 26/1 until 0215 heard 5-digit numbers on 9975, with a slight German accent. I wonder if it wasn't English (Wheeler Conover, Manchester KY) ?? (gh)

Radio Red Wave, Rome, was shut down in a swift raid by police that netted three suspects on charges of subversive activities. Tapes were also confiscated. Anti-terrorist police shut down all broadcasting operations. Radio Red Wave is one of many private FM stations that regularly broadcast political propaganda (UPI Rome 22/1 via Wash. Post 23/1 via R.L. Foxworth) V. of Kurdistan Newspaper correspondent Franz Sitte visited this 'wandering' stn, which changes fq often and seems to be on the air irregularly, in hills just over the Iraqi border, after travelling a short distance from an Iranian city (probably Mahabad?). It uses a 400-watt Swedish xmtr driven from a generator, and a collapsible 15-m antenna mast. Two one-hr pgms are broadcast daily - in local mornings and evenings - with nx and favourable publicity for the Pesh Merga guerrillas and the Kurdish Democratic Party; and Kurdish mx. Apart from Kurdish, the Turkish, Farsi and Arabic langs are used; the stn must be influential in spreading nx: the rate of Kurdish illiteracy is very high, but there should be at least one transistor radio in every Kurdish village! Kurds always seem to know where to tune to hear their stn, even tho it jumps around, e.g. to the 75m band and to 6990; most recently hrd on 5990 /sic/ at 0500 & 1400 (John Campbell, Jan DSWCI SW News based on an Austrian newspaper article forwarded by Johann Wiespointner)

Free National Voice of Afghanistan hrd since 31/12 at 1745 on 16745 with battle reports; on 14/1 at 1100 around 16520 a pro-rebel stn, perhaps a different one, was hrd with a 10-minute EG broadcast; poor reception (Neal Clark, Great Britain, SCDX 29/1) Smells slightly fishy(gh)

Voice of Palestine, Voice of the Palestine Revolution on 14/1 was observed in Arabic on 1143 kHz instead of its usual channel; thought to be in Lebanon (WBI 17/1) Anc'd 21/1 it was on 1270 with experimental xmsns at 0500-0600 & 1600-1800 to Palestine, Jordan, Syria, Egypt and Lebanon. Hrd 21/1 on 1270 with Palestinian nat'l songs until 0715* (WBI 24/1) more LN-12

Kampuchea etc. The radio transmitter; We are ready, but I must tell you that world opinion doesn't like your radio broadcasts, any more than those of the Thai Communist Party and the Malaysian Communist Party. People hold them up to ridicule as not reflecting the truth. For the moment, don't put the CP in the foreground; rather emphasize patriotism, nationalism and democracy. These banners are more important. How shall we send you money? Via Bangkok? Via Kriangsak? Via the Bank of Thailand? You can draw money at any moment. A fund of five million dollars will be put at your disposal and you can draw from it at any time. This money will be deposited either at the Bank of Thailand, the Chinese embassy or the Kampuchean embassy in Thailand. You can use this money right now. The fund will be renewed as soon as it is exhausted (Deng Xiaoping, in a conversation with Ieng Sary 13/1/79, a captured document made public at the hearings held by the People's Revolutionary Tribunal in Phnom Penh to try Pol Pot and Ieng Sary for genocide, 15-19 August 1979, excerpted from Vietnam Courier 11/79 via DX Front Line Feb)

see TANZANIA LN-11
Zimbabwe People's Revolutionary Voice hrd at 1700-1900 on 5010 6135 via Madagascar; EG nx at 1715 (Rikard Johansson, Indian Ocean, via SCDX 5/2) This pgm presented by the Patriotic Front thru R. Zambia ES facilities, continues to be broadcast from 0700 on 7250 (WBI 24/1)

Voice of Zimbabwe on the 1200-1230 25/1 pgm said its last BC via R. Mozambique would be that evening at 1800. Had been on since 4/3/76, 'an assertion of Moz's internationalist duty and commitment to Zimbabwe liberation struggle'; replaced by R.Moz ES in EG, cf LN-2 (WBI 31/1)

V. of the Pyramids A reminder of the Mar 8-9 tests, Cf Feb LN-10. The 0400 broadcasts will use a N/S dipole; and another broadcast is planned Fri nite Mar 7 time undecided for 30 min on 1615 kHz. There will also be unannounced tests between Feb. 28 and Mar. 8 on these fqs, ± 20 kHz: 3240 4670 5825 6250 7470 9330 11650 15020. All reports via FRC-USA (FRC-USA Feb)

R. Indiana will test on 4004 kHz at 0530 GMT the 1st GMT Sunday (Saturday local) in Feb. Power 215 watts RF output; Antenna: 60' longwire. R. Indiana is now in a new location with new management. Freedom for Indiana! (postmarked Aurora IL 21/1) Tuned in at 0546, zilch(gh)

V. of Revolutionary Binco will test this week only, Fri at 0545-0600 GMT on 7420 (Anonymous call from female 2353 24/1) When I asked what Binco meant and tried to clarify whether the day was local or GMT, the caller was unable to explain. "We'll get back to you" (gh) If pirates want RCI or NASWA advance publicity on tests they must provide info far enough in advance to meet our deadlines! (gh)

R. Confusion hrd 20/1 on 7365 (cf Feb LN-10) 0000 sign on to 0045 fadeaway; barely readable, some ham QRM. Pop mx, IDs by M; "This is our first xmsn". Reports invited via FRC-USA (John Fisher, MA) 7365 apx, 20/1 0000-0245, poor-to-good signal. Rock, ancr Crazy Roger, frequent IDs as R. Confusion SW and R. Confusion World Service; game show 0152, nx in Special English at 0202; time checks were accurate, so must have been live (Scott McClellan, Battle Creek MI)

Voice of the Purple Pumpkin on 7360a 19/1 1602-1604*, very good signal; tuned in during nx; quick ID and carrier off; back on about a minute later with 2 widely spaced IDs, said it was a test, with a power of 5 watts. Said 'all QSLs /sic/ are to be sent to the normal QSL routes'. Also said would be back tomorrow night at approximately 0500 hours. Ancr sounded like he had a cold; strange time for the freq; pls QSL, address below (McClellan)

V. of Radio Jolly Roger, 7360a, 20/1 0459 tune in to 0558*, very good sig, EZ listening vocal mx. Also IDed as R. Jolly Roger. One skit where the captain of the ship made Donna Summer and her disco walk the plank (hooray!) Anc'd coming from the 'great northeast'. Ancr used disguised voice. Pse QSL to Scott McClellan, 127 N. Broad, Battle Creek MI 49017.

"WARG" hrd again 10/2 at 0700, same as before, same phone number, "Ray Haber" promised QSLs but no details on QTH or power; was on 6953 apx; said it was first time on since 14/1; trying to vary broadcasts (Derek Lowe, AR) Also hrd 10/2*0800-0925*, rock including LedZep, Bob Dylan and Fleetwood Mac. Many IDs such as "This is WARG, somewhere on the East Coast; Making Shortwave History"; SIO 222. I called at 0830 and was promised a 'SWL card' (John Fisher, MA) 21/1 I monitored 6965 at 0130-0630. At 0146 an S-7 carrier came on, then male with "This is WRAG testing" several times, nothing more heard from 0149 to 0630! Level and copy were excellent. Positively 'WRAG' this time (Paul Kowalski, Milwaukee WI)

Green River Radio Cf Feb LN-11, the phone number reported is not in San Francisco but in San José. The 269 prefix serves the Almadén Valley in south-central San José, south of Blossom Hill Road and centered on the Almadén expressway. The Almadén Valley provides the wines and it is one of the elite sections of this area. I've tried calling the number; only result so far is a lot of rings and no answer (Dave Mosier, San José CA) Because of the science fiction programming reported and the name "Alderean Broadcasting Co." I have a hunch these are run by a bunch of SF freaks. "Alderean" is from the movie "Star Wars", Princess Leia's home planet which was later destroyed by Darth Vader & Co (Doug McClure, Medina OH)

"KVHF" I was able to obtain the current address of the L.A. FCC Field Office, now in Long Beach, and on 23/1 I wrote another letter trying to find out if they busted KVHF. On 4/2 I got a reply, which said "We have no knowledge of the problem." (Dave Mosier, CA) KVHF 9/2 at 0740 with pop mx, no amnts on 6420 (Derek Lowe, AR)

Radio 12 logged 31/1 on 2400 kHz around 0100; EST time checks; obviously harmonic of a 1200 dHz pirate (C. M. Stanbury II, Ont., SWNS HQ) unID stn hrd 26/1 on 2400v, 0010-0357*, lots of 'dies, "Blue Velvet", "Harbour Lights", "I Will Follow Him". One OM DJ, and occasional brief dialogue between OM/YL that appeared to be prerecorded. EST TC. Reception from very poor to good with a lot of fading. Doubt this could be a MW harmonic as not one ad hrd, nor anything resembling an ID on the hour. If your pirate, please QSL (Don Moore, Box 157, RD 5, Bellefonte PA 16823) You mean, not a harmonic of a legal MW stn (gh)

980 illegal hams, judging from their lingo; IDing as "Number 1", "Number 27", and "Mister X" and at least one of them was mobile, and south of USA by implication; 3 or 4 of them on USB (Derek Lowe, AR, 12/2) Time? (gh) see also CHANNEL ISLANDS LN-6; IRELAND LN-2

European Music Radio's test to NAM Sun 16/12/79 at 0800-0900 on 6235/7325 (actually *0753) was very successful. EMR received a report from Chatham Ont, as well as ten from the USA (4 from CT, 1 MA, 1 NY, 2 DC, 1 PA, 1 MI). The test also received an interesting report from the other direction--Tallinn, Estonia, USSR! (Mike Burden, England, 24/1)

I. Impact will make a special test to NAM Sun 24/2 at 0600-0800 on 7325; reports via Kent Place, Norwell, Newark, Notts, England (Mike Burden) Too late here but you heard me mention this on RCI and RN DX programs, didn't you? VOA-Woofferton sked on 7325 0600-0700! (gh)

I. Caroline, Dublin once in a while may be heard on 5930, 6210, 6250, 6275, 6310 or 6350 with about 20 watts; address is c/o Disk -It, Finglas Village, Dublin 11 (FRC-USA Wavelength Feb)

I. Tic-Tac, French pirate hrd 13/1 0800 on 6240, location? Fair-to-good (Andrea Lawendel, Italy, PLAY-DX)

R. Tonga Tonga continues without problems on 1616 *2100-2230* Suns, and a late night international pgm at weekends around 0100 Suns on 1320 or 1330, one week in every three. The Dutch pgms on 1616 play new records of indigenous Dutch popular mx. Highly recommended! The stn name is indeed connected with the original Tonga: the operator has a great admiration for that Kingdom and its 150 kg King. Shares mailing address of Postbus 10, 7954 ZG Rouveen /Netherlands/ with R. Glorieklanken, the religious pirate (John Campbell, Jan DSWCI SW News)

Italian pirates Azur 102, Radio Midi, Nova International, R. Vintmille /sic/ and Stereo 103 beam transmissions to France. Most, if not all, of these operate on FM and are interfered with by three French govt jamming stns (Feb SWNS quoting Billboard 19/1)

DX PROGRAMS

European Music Radio 1200-1300 broadcast on 6235 observed 30/12 included Al Muick's DX report from FRC-USA (Gordon Darling, WDXC MM)

U S S R R. Moskau's German DX pgm has been changed to Wed 1820, Thu 1650, Sat 2050; the Sat 1000 & Sun 1600 airings have been deleted (Jan WDXC DX Magazine)

U S A gh's DX/SWL program WORLD OF RADIO has added a couple of stations: KERE-710 Denver CO Suns at a time not finalized in the 6-8 pm MST block, *perhaps 6:30; and via new stn WUTC-88.1 Chattanooga TN simulcast with WUOT, Sats 1 pm EST (tho on these stns pre-empted twice in March due to Metropolitan Opera earliness) (gh) When announcer Beba Cardona finishes the DX course, there will be a 5-minute DX segment during the VOA Club de Oyentes program Mons 0110 (Juan Sagranichiny, VOA via ADXL) I will be writing this 3-5 minute feature, at first planned biweekly but changed to weekly, most likely starting around 0113-0116 but sometime during the 0108-0145 period, on 1180 6190 9670 11895 15400 17780. It will start out as a basic course in DXing, then expand to include more feature material and interviews, questions from listeners, etc (Jeff White, Schaumburg IL) Probably started 18/2 (ibid.)*KERE at 6:30, yes!

U K O G B A N I I am pleased to note that BBC World Radio Club is making more use of BBC MS info, in a semi-regular spot voiced by Andrew MacDonald (gh) From Jan 80 BBC will carry a DX program in Spanish, 10 min during the evening pgm to Spain at 2115-2200 on 3970 6030 7235 9825 (REE DX via ADXL) Sundays at 2130; hope they'll put it on the LAm service too (ADXL) Hrd on a Sun at 2125-2140; the first program left a lot to be desired (Levinstein, RN 14/2)

POLAND Per anmt on 27/1, the Polish R. DX pgm is on the 2nd and 4th Suns; I hear it at 1225 on 7285 6095; 1625 on 9540; pgm was about all the reception reports they'd gotten (Richard Larson, Bochum, W. Germany) So, cf Jan RIB, may not be on all PR Sunday broadcasts, as they are not otherwise identical; if that's all it's about, not what we'd call a DX pgm (gh)

NEW ZEALAND R. Pacific DX session on MW 1593 kHz has been retimed to Sat 1700 GMT (Sun 6am NZDT) and from 2/3 when std time resumes, will be 1800 GMT Sat (Arthur Cushen, NZ)

GERMANY EAST RBI's 18/12 DX pgm said that from 1980 it would be repeated on Fridays of the week it appears on Mondays (GMT Tues) at 0500 on 6040 (GMT Sats) (Daniel A. DeCarlo, Salta, Argentina, ADXL) This applies to Spanish; are they doing the same in English? (gh)

BELGIUM BRT's Sunday DX program is now on every week, not fortnightly (BRT DX 10/2)

ARGENTINA I heard an anmt on RAE's excellent but Spanish-only DX program that Carlos Maslatoñ, who had been preparing it, was turning it over to another DXer, Roberto H. Iglesias (gh) The ADXL DX program "Diexismo en 1230" due to stn programming reasons on LT2, will go on the air 15-20 minutes later than the fixed time, so stay tuned and be patient (ADXL)

PROGRAM NEWS

U K O G B A N I Among this month's BBC WS Plays of the Week is Oscar Wilde's "The Importance of Being Earnest", Mar 22 1830, 23 0030, 1130 Quiz "Brain of Britain 1980" is back, Tues 1130, Weds 0830, Thurs 1830, Fris 2330. Two special programs "The Road to the White House" may give us some much-needed outside perspective to the presidential race: Mar 15 & 22 1130, 16 & 23 1830, 21 & 28 0230 (gh, from March London Calling)

TANZANIA R. Tanzania ES has now stabilised pgms and fqs 15435 with 9683 infrequently in parallel: 1530 music, 1600 News, 1615 music and/or quiz, 1730 woman's world, 1800 news, followed by 3 semi-clandestine pgms: 1815 Pan African Congress, 1830 V. of Namibia, of SWAPO; 1915 V. of Zimbabwe on behalf of PF/Popular Front/. News at 1900v, 1945* (QTH Africa 20/1)

BELGIUM Beginning Apr. 2 and continuing for five weeks, BRT's Tuesday and Wednesday evening programs will be broadcast live in "Operation Mobile Studio" from different places in Flanders, as part of Belgium's 150th birthday celebration, and to publicize SWBC among the Flemish. Live, presumably on the 1615 GMT broadcast to Africa and tape-delayed at 0015+. More details on this in the March REVIEW OF INTERNATIONAL BROADCASTING (via David Monson)

LAST MINUTE ITEMS

SWEDEN R. Sweden M80 EG to Nam: 0030 11905, 0230 9695 & 11705, 1400 21615, 2300 11705 & 15275. The 0030 xmsn will be deleted from Apr. 6 and be replaced by Portuguese to Brazil (STA 30/1)

SWAZILAND (Cf Feb LN-7 & 13) TWR Manzini testing for As 15150 0000-0100, 11795 0100-0200 (Shigenori Aoki, Nagoya, NDXC via RA DX 10/2) This may replace TWR-Bonaire 11925 0050-0135 xmsn in EG to SAs (Alok das Gupta, Calcutta, ibid.)

SOUTH AFRICA At the suggestion of the IFRB due to Hungary on 15220, for M80 R. RSA to Nam in EG at 0200 is moving to 15265; Waf/Eu at 2100 resumes 2:35 from 11900. New sked for domes-

tic SW svcs as of 24/2: Afrikaans morn & eve 4880 3965; daytime 9560 15285. English morn & eve 4835, daytime 11790. R. 5/R. S. Africa 3250 night, 9680 day (R. RSA DX Corner 16/2)

SOMALIA R. Mogadishu hrd on 30474 till past 1210, 5 x 6097; fair to poor (Victor Goonetilleke, Sri Lanka, Feb UADX) Can't be radiating more than a couple of watts here (Gerhard Werdin, UADX Ed) Very interesting, in that I have heard a Colombian 5th harmonic on exactly the same frequency, LV del Centro (gh)

SINGAPORE R. Singapore reported that the Singapore Broadcasting Corp. would come into operation 1/2 and would take over all the functions of Radio & TV Singapore, and the new name has been announced since that date (WBI 7/2)

SAUDI ARABIA BSKSA has been noted in Arabic after 2030 on 2325 kHz // 15060 (Andrea Sella, Kenya, SCDX 19/2) Wonder if it's a harmonic from MW? Fqs don't seem to fit tho (gh)

PAKISTAN R. Pakistan in EG to UK 1700-1730 now on 11680 9460 (WBI 7/2) Maybe not for M80(gh)

NIGERIA VON broadcasts in FR daily 0700-0800 on 15290 (Marc Labernadière, Nogent sur Marne, France, SCDX 5/2) A rare new fq for them, if correct, and may also affect EG (gh)

KENYA VOK skeds: Nat'l Service in Swahili: Nairobi: 7140 0630-1330; 4915 0300-0630, 1330-2010(Sat 2110). General Service in EG: Nairobi 7125 Mon-Fri 0900-1100; Sat/Sun 0620-1315. 4804 0300-0620, 1300-2010(Sat 2110). Also, Sunday s/on for both services is 0330. The Ver-nacular services (not broadcast on Sundays or public holidays): Nairobi: 7150 0900-1045, 4950 1430-1900. Langs include Kikuyu, Kikamba, Kimeru, Masai, Hindi. Northeastern & Mombasa str: 4885 0330-0630 & 1230-2005; 7240/7210 at 0630-1230; no EG, but relays some Nat'l Svc in Swahili and has own pgms in Somali, Turkana, Rendille, Boran (WBI 2/80)

CHINA Some EG lang lesson times on regionals: Yunnan PBS Pgm I 7209 4760 2460 at 2200-2230 & 1300-1330. Sichuan PBS Pgm II on 5900, at 1200-1300 (Nagoya DXers Circle via RA DX 10/2) R. Peking in Khmer noted on 30250 at 1200, 2 x 15125 (Victor Goonetilleke, Feb UADX)

AUSTRALIA R. Australia Feb changes expected to carry over into M80: PNG/NWPac 11770 ex-9625 at 2000-2200; 21650 ex-15355 at 2100-0530; and 17795 extended to 1800-0630 (Noel Green, BBC WRC 17/2)

AFGHANISTAN R. Afghanistan obs since end of Jan with DS Pgm I in Pashto & Dari on 4460 or 3965. The exact pattern of fq usage not yet established; maybe is testing. On 1, 3 and 5 Feb obs 1600-1930 on 4460; 2 & 5 Feb hrd on 3965; at all times //usual fqs. The 4775 kHz channel has been varying \pm 4 kHz recently, 0125-0335 & 1100-1630 (WBI 7/2) dates sic (gh)

CLANDESTINE VOPVOPR anc'd that from 3/2 it would have 2 xmsn periods (instead of 3), at 0500-0700 & 1500-1800 (WBI 7/2)

PUBLICATIONS

World Radio-TV Handbook 1980 is now available for \$14.95 from GILFER, Box 239, Park Ridge NJ 07656; or for \$15 from Don Erickson, 6059 Essex Pl., Riverside CA 92504. An essential reference book made even more valuable by Larry Magne's extensive receiver review article (covering table model SW receivers only)--a must for anyone in the market for a SW receiver (gh)

UADX Tropical Bands Survey of Afro-Asian-Pacific stations, as monitored in South Asia and South Africa and Australia, 10 pages with main list by frequency, succinctly showing IDed and unID stns, times heard; cross-reference by country. Cost outside S. Asia is US\$2 by airmail (including a sample of the UADX bulletin); may be ordered via Larry Magne, 15 N. Central Ave., Rockledge PA 19111 (Victor Goonetilleke, UADX)

Broadcasting Stations of the World FBIS is still sending out a form letter saying it is no longer published, and recommending the WRTVH instead (via Larry Magne)

Radio-Télé Luxembourg A series of extremely well-written articles commemorating its 50th anniversary appear in the 26/1 Billboard. In-depth analysis of the dynamic quality of CLT's program format, history, future plans, influence on Euro audience, record market (Pappas, PA)

The Allocation of the Radio Spectrum, article by Charles Lee Jackson, in the Feb. Scientific American, pp. 34-39. Article is too brief, ending just as it gets interesting with a discussion of the proposed 'anarchy band'; but includes a very good /US/ spectrum allocations chart. You'll have to buy the issue rather than copying as it is extremely color coded (gh)

Communications World 1980 is now on the stands; contains a lengthy article by Don Jensen on the 'fundamentals' of the hobby. Also, product reviews of the MFJ signal enhancer, McKay-Dymek DR33C and the Realistic DX-300; discussion of the vertical dipole, and the usual Whites Radio Log (Rufus Jordan, PA)

Pirate Tapes, studio quality and excellent off-air quality cassettes of various European and American pirates, including EMR, R. Caroline, WDAB are being sold by FRC-USA to benefit HAP. They aren't cheap but you will be helping HAP by ordering from us. For a complete list, send 25¢ and a SASE (Al Muick, Free Radio Campaign-USA, R.D.#2, Box 542, Wescosville PA 18106)

Review of International Broadcasting is an excellent publication providing a forum for SWL opinion on programming, etc.; program info, DX tips; well balanced and an absolute 'must' for novices or professionals interested in SW Radio. For those in North America, the subscription rate is \$12 for 12 issues, from GH, RIB, Univ. Radio WUOT, Knoxville TN 37916 (R. Jordan)

IN MY OPINION

(S. David Klein, Gainesville FL): With regard to the phony loggings submitted to Jan. LR-A by the cretinous ass masquerading behind the moniker "Ralph Jensen"; I think most DXers/SWLs will join me in condemning this act of what is obviously a juvenile idiot. There's enough trouble keeping up with real logs -- witness the mess on 15350 (no further comment there) -- we hardly need bogus ones submitted by someone with an axe to grind. I'm sure most club members serious about the hobby feel the way I do about this.

I find it interesting, however, that there are those who are more interested in finding fault with Editor Krueger (cf Feb LN-5) than in condemning this irrational act--obviously what the perpetrator desired--and that in itself makes one think...

I won't lower myself to refute what was said--anyone with a head on his shoulders can see it was balderdash--besides, that's not for me to do. What I am saying is that there is enough difficulty for the editors in putting together a good bulletin; far too few members contribute. It should not be necessary for anyone (even a jackass like "Ralph Jensen") to make the job harder. I feel that if his identity is discovered, he should be bounced from NASWA at the speed of light. We have a good club; we don't need idiots screwing it up!

(John Schmelzer, Albuquerque NM) I'm tired of reading about the "Russian woodpecker". Anyone can tell by the strength and lack of dispersion (stretching) of the pulses that they have travelled only one hop! (Just between you and me, there has been an over-the-horizon radar station operating in Maine for the past five years.)

(Michel Baron, Chicoutimi PQ, Jan COCQ L'Onde) (Cf Feb LN-14) One of our new members, M. Lucien-Albert Dargaud, took seriously the information about propagation-by-phone and called the number (613) 996-4824 to obtain propagation predictions. He gives us his impressions: The number is that of the Ionospheric Section, Telecom Engineering Lab., 1241 Clyde Ave., Ottawa, Ont. Canada K2C 1Y3, a service of the Canadian Government. The call was answered by Mr. Patrick Brown. This service can furnish, upon detailed request, any information concerning propagation conditions (for example, M. Dargaud asked for the MUF to different points in Canada). You will be asked to confirm your verbal request in writing, but the info may come to you by phone a few hours later as well as in writing a few days hence. M. Dargaud points out that this was all conducted in French. Thanks to Pierre Gagnon and Lucien-Albert Dargaud for this information.

(David K. Maxfield, Ann Arbor MI) Regarding Listeners Notebook: 1) Use of day/month dates is misleading. Some people will read it month/day. Why not style it with Roman numerals to prevent misunderstanding? Especially since other FRENDX sections use the month/day system and those who refer to LN in a hurry may infer the wrong date. 2) Rotating countries, with ANDORRA first one month and VATICAN (or YUGOSLAVIA) first the next, may distribute priority in sequence more equitably. However, it sure louses one up when referring to back issues in a hurry to verify schedules! Please give up your ZYX order in alternate months!!!! (Perhaps, you do not realize how much people rely on your work for constant reference in the midst of hectic DX/SWL work. You, sir, are a sine qua non!!!!!!!)

gh: Thanks for the nice words and your suggestions. Both these practices are occasionally protested by someone, but there doesn't seem to be any massive dissatisfaction. The day/month system was adopted here to put us in step with the rest of the world, especially since much of the info in LN comes from overseas sources. Yet some point out that the most 'in' method of date rendering now is the computerese 1980-03-05 for March 5, 1980 and advocate that instead (SCDX uses it). I will not use Roman numerals for months because 1) They can be cumbersome and space-consuming (especially August!), 2) They require shifting where otherwise unnecessary and 3) Are used by SWNS which LN must not resemble under any circumstances! I have never been quite satisfied with the ABC/ZYX alternation myself, since the Ls, Ms and Ns always wind up buried in the middle! So perhaps I should start an ABC...XYZ, BCD...YZA, CDE...ZAB progression; reader opinion on this would be welcomed. People also point out that pirates are quite distinct from clandestines and should not be grouped under this heading. While agreeing to a point, there are some stations which are borderline and this saves me from having to decide which they are (they often wind up as the 'transition item' in the ordering of a C.C. list, which you will note does progress from clandestine to pirate or vice versa each month, often in geographical terms).

(Alan Brinkley, Chapel Hill NC) I certainly get some benefits from NASWA membership, and I have found many rank and file members very open and helpful when I wrote them for help of one kind or another (more so than the busy officers, of course). I have begun to think that the hierarchy may well be perpetuating a DXing emphasis which no longer represents a majority of the membership, but since there's not much participatory democracy in policy-making, the chiefs don't have to worry much about that; can just go on sending out whatever smoke signals they are used to.

LAST, LAST MINUTE ITEMS (Not cross-referenced), from Tony Jones, Paraguay, 4/2:
BOLIVIA 5312, R. Robore, currently on much reduced power and sked 1100-0100 (Sun 2100).
 6034, R. Panamericana, now *1000 (ex-*1030) weekdays. Believed to have changed during December. 6185 R. Batallon Colorados, briefly *1000 during Dec, since 1/1 reverted to *1100; Sundays *1200, tho may be variable.
PERU 6140, unlisted stn announcing 1590 MW and 6140 hr around 0400 early Feb; from Dept. of Pasco per armts; unable to make out location (which is also the name of the station).

QSL



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



FREQUENCES

740KHZ	20KW
6135 KHZ	4KW
9750KHZ	4KW
11825 KHZ	20KW
15170 KHZ	20KW

- ADMIRALTY ISLANDS:** R. Manus 3905 f/d "Map" cd. in 6 mo. for 2 IRCs. (Word-GA).
AFGHANISTAN: R. Afghanistan 15075 cd. in 60 ds. for 2 IRCs. (Gliksman-IL).
ALBANIA: R. Tirana 7120 "Revolutionary" cd. in 75 ds. (Mooningham-NC). 9750 in 4 mo. (Matthews-OH). in 125 ds. (Plotnick-CT). Its those tomato fields!!!
ANDORRA: AWR 6215 f/d cd. in 24 ds. for 2 IRCs. (Desrosiers-MA). in 3 wks. for * 1 IRC. (Overcamp-SC). in 23 ds. for 1 IRC. (Moore-PA). in 23 ds. for 2 IRCs (Newhall-CT). in 1 mo. (Porter-CT). in 30 ds. (Muick-PA). in 3 wks (Lobdell-MA)
ANGOLA: RN 3375 f/d ltr. in 7 mo. for an EG rpt. (Saylor-PA). alik-ONT).
ANTARCTICA: AFAN 6012 cd. in 2 mo. v/s Gent Crossmen, Production Manager (Kus-ANTIGUA: Deutsche Welle 17815 n/d cd. in 72 ds. w/ sticker (Cicura-PA). 6040 cd. in 27 ds. (Dittrich-FL).
ARGENTINA: RAE 11710 cd. in 6 mo. for a SP rpt. v/s Carlos A. Alais Rumbado, Director. (Greenyer-NZ). 9690 in 1 mo. (Saylor-PA). LOL 15000 folder cd. in 35 ds. (McClellan-MI). R. Belgrano 6090 f/d cd. in 6 mo. for a SP rpt. & pennant. v/s Felix A. Argota Salenas, Gerente. (Field-MI). R. Splendid 5985 cd. and "Microphone" pennant in 2 mo. for a SP rpt. (Greenyer-NZ).
ARMENIA: R. Moscow via Erevan 17745 cd. in 29 ds. (Plotnick-CT). R. Yerevan 17870 f/d cd. in 67 ds. (Gliksman-IL).
ASCENSION: BBC 15260 cd. in 50 ds. for 2 IRCs (Onken-IL)
ASIATIC RUSSIA: R. Moscow via Chita 15385 cd. in 31 ds. (Ackermann-HOL). via Khabarovsk on 15420 cd. in 43 ds. (Buer-FL). via Irkutsk on 17880 w/ f/d cd. in 53 ds. v/s Maria Sokolova, RKWS. (Klein-FL).
AUSTRALIA: VLM4 4920 f/d "Map" cd. in 23 ds. (Cucura-PA).
AUSTRIA: ORF 9770 f/d "Hutter" cd. in 77 ds. (Danko-NJ).
AZERBAIJAN: R. Moscow via Baku 17825 f/d "Mischa" cd. in 53 ds. This is my 15th Soviet country and my 26th site. (Klein-FL).
BELIZE: R. Belize 3285 f/d "Map" cd. in 19 ds. v/s J. Johnson. (Dittrich-FL).
BENIN: ORTB 4870 f/d cd. in 7 mo. for a FR rpt. and ms. (Kusalik-ONT). in 2½ mo. (Leithner-TN). in 7 wks. for 3 IRCs. (Matthews-OH). in 93 ds. (Plotnick-CT). in 60 ds. (Timmer- IN). in 50 ds. for 1 IRC. (Dittrich-FL).
BIAPRA: Imo B/Cing Service 4755 via Owerri ltr. in 6 mo. for 1 IRC. v/s O.J. Edohasim, for Chief Eng. (Fisher-MA).
BOLIVIA: R. Emisoras Padi-lla 3480 f/d ltr. in 3 mo. for a SP rpt. v/s Prof. Luis M. Palina S, Director. Pennant rcvd. (Field-MI). R. Stentor 6095 ltr. & cd. in 2 wks. for a SP rpt. v/s Fernando Chiappez, Director. (Field-MI).
BONAIRE: R. Nederland 9590 "Costume" cd. in 21 ds. (Cronin-NY).



RT

SAUTI YA TANZANIA

BOINAIRE: TWR 11710 cd. in 30 ds. (Witte-CA). 11925 in 2 wks (Jakubowski).
BOUGANVILLE: R. North Solomons 3322.5 f/d ltr. in 1 mo (O'Donnell)

BRASIL: R. Clube do Para 4855 f/d ltr. in 33 ds. (Myers-AZ).

R. Bras 15290 f/d cd. in 23 ds. for an EG rpt. and
1 IRC. v/s Reginaldo Azevedo, International
Service. (Fraser-MA). in 3+ wks. for 1
IRC. (Yingling-MD). in 1 mo. (Grishin-
ONT). R. Dragao do Mar 4925 cd. and sti-
cker in 19 ds. for a PT rpt. (Jordan-TN).

* R. Igautemi my rpt. has been returned w/
1979 WRTVH address as being incorrect.....
help (Field-MI). R. Relogio Federal 4905 cd.
in 14 mo. for 2 IRCs. (Lobdell-MA). R. Globo
11805 ltr. in 2 yrs! for a PT rpt. and ms. v/s
Orcine W. Amaral, Chefe Geral dos Trans. (Lazarus-
LA). R. Guarujá 5975 cd. in 3 mo. (Greenyer-NZ).

BULGARIA: R. Sofia 9765 f/d cd. in 67 ds. (Myers-AZ).

BRUNEI: R. Brunel 7215 "Map" cd. in 109 ds. for 2 IRCs.
v/s W. Robertson, for Chief Engineer. (Hoffman-PA).

BYELORUSSIA: R. Moscow via Minsk 15150 f/d cd. in 21 ds.
(Scott-ONT). via Minsk on 15490 cd. in 38 ds. (Buer-FL).

CANADA: CKFX 6080 f/d "Super Country" cd. in 25 ds. (Danko-NJ).

* in 3 wks. (Elwood-MN). in 29 ds. (Kapinos-MA). in 1 mo. (McClellan-MI). in 30 ds. (Briscoe-IN). CFVP 6030 Calgary cd. pins &
stickers in 15 ds. (Kowalski-WI). CHU 7335 cd. in 11 ds. (Cronin)

CELEBES: RRI Ambon 4845 personal ltr. in IN in 67 ds. for an -NY).
EG rpt. and 1 IRC. v/s J. Mendissa. (Gliksman-IL).

CHILE: R. Agricultura 9630 f/d cd. in 1 mo. for a SP rpt. and ms. v/s
Hernan Antillo C., Jefe de Programas. (Lazarus-LA). cd. and pennant
in 4 mo. (Lobdell-MA). in 6 wks. (Field-MI). La Voz de Chile 15140 cd.
in 123 ds. for EG rpt. (Plotnick-CT). in 120 ds. (Gliksman-IL).

CHINA: R. Peking 17855 cd. in 90 ds. (Byron-NY). 9820 cd. in 22 ds. w/ pen-
nants (Johnston-NY). Yunnan PBS 2310 cd. in 2 mo. (Barto-CT). 6937 cd. in
* 1 mo. (Matthews-OH). Nei Mongol PBS 6840 cd. in 3 wks. (Field-MI). in 18
* ds. (Kusalik-ONT). Guangxi PBS 4915 cd. in 1 mo. (Matthews-OH). in 3 wks.
* (Gliksman-IL). in 20 ds. (Kusalik-ONT). Hunan PBS 4990 cd. in 24 ds. for
* 1 IRC. (Lazarus-LA). Sichuan PBS 5900 f/d cd. in 21 ds. (Gliksman-IL). in
* 3 wks. (Matthews-OH). Fujian Front Station of PLA 3400 cd. in 1 mo. (Barto-
CT). CPBS 4800 cd. in 5 wks. (Barto-CT). 8007 cd. in 20 ds. (Kusalik-ONT).
* 10245 cd. in 24 ds. (Desrosiers-MA). Jilui PBS 3310 cd. in 3 wks. (Orcutt-
* CA). Gansu PBS 4865 cd. in 20 ds. (Kusalik-ONT)....Great selection gang!!!

COLOMBIA: R. Guatapurí 4815 ltr. in 130 ds. for a SP rpt. and 1 IRC. (Dittrich
-FL). R. Bucaramanga 4845 "Logo" cd. in 47 ds. (Dittrich-FL). La Voz del
Arauco 4865 cd. in 9 mo. for a SP rpt. (Field-MI). Ecos del Combeima 6025
ltr. in 1 mo. for a SP rpt. (Greenyer-NZ). R. Sutatenza 5095 f/d cd. in 30
ds. for 1 IRC. v/s Jardnay Suarez Ramirez. (Gliksman-IL). in 55 ds. for 2
IRCs. (Newhall-CT). in 3 mo. for a SP rpt. and 1 IRC. (Sears-OH).

COSTA RICA: TIFC 5055,
6035 cds. in 2 mo.
for EG rpt. (Greenyer-
NZ). R. Reloj
4832 cd. in 2 mo.
for a SP rpt. v/s
Roberto E. Aragon.
(Greenyer-NZ). TIRL
9490 cd. in 4 mo.
(Greenyer-NZ). 9615
cd. in 2 wks. (Field-
MI). R. Casino
5954 f/d ltr. in 3
mo. for 2 IRCs. Revd
pennant. (O'Riordan-
ID).

T.I.P.J. RADIO VICTORIA

Heredia, Costa Rica, América Central, Apartado 76.

ONDA CORTA: 6.082 Mhz. Banda Internacional de 49 metros.

ONDA MEDIA: 1.220 Khz.

RADIO VICTORIA

Plantas de Emisión:
San Francisco de Heredia.
Estudios: Ciudad de Heredia.

Emilio Piedra Jiménez,
Gerente Propietario

Fecha: 8 Diciembre de 1979

RESPUESTA A SU INFORME DE SINTONIA.

Señor Christopher R Lobdell

Stoneham, Massachusetts 02180
USA

Su atenta carta de fecha 18 noviembre/ 79

1979 ----- Una a nuestros pue-
blos al establecer un puente de amistad promovida por
este maravilloso invento de la Radio-comunicación. He
tomado en cuenta las características de sintonía de RA-
DIO VICTORIA en su onda corta. Los mismos coinciden
con reportes que hemos recibido de otros lugares del
Hemisferio Occidental y diversos puntos de los otros
Continentes. Su mensaje es merecedor de gratitud.



COSTA RICA: R. Nueva Victoria 6082 cd. and sticker in 1 mo. for a SP rpt. & * 2 IRCs. v/s Emilio Piedra Jimenez, Gerente Proprietario. (Lobdell-MA). in 1 mo. (Field-MI).

CUBA: R. Moscow via Habana on 9600 cd. w/ site in 38 ds. (Buer-FL). 11860 cd. * in 2 mo. (Craighead-KS). 6115 cd. in 6 wks. (Field-MI). Maybe Kabul next?

CYPRUS: CBC 9695 f/d "Semi-R-rated" cd. in 3 wks. for 1 IRC. (O'Donnell-PA).

CZECHOSLOVAKIA: R. Prague 11990 f/d "Lipno Dam" cd. in 94 ds. (Danko-NJ). in * 85 ds. (Semesky-IN). OLBS 3170 cd. in 58 ds. for 1 IRC. (Sbordone-FL).

DENMARK: R. Denmark 15165 cd. in 2 wks. (O'Donnell-PA). in 33 ds. (Myers-AZ).

ECUADOR: HCBJ 3220 "Costumes" cd. in 2 mo. for 1 IRC. (Greenyer-NZ). 9745, 11915 and 15115 cds. in 28 ds. (Brouillette-MI). R. Zaracay 3390 f/d ltr. and pennant in 66 ds. for a SP rpt. v/s Elssy Con Castillo. (Klein-FL). Escuelas Radiofonicas Populares 3985 folder cd. in 19 ds. for a SP rpt. and 1 IRC. (Moore-PA). R. Quito 4920 cd. in 107 ds. for a SP rpt. and 1 IRC. v/s Jose Almeida. (Brouillette-MI). (Danko-NJ).

EGYPT: R. Cairo 12050 "Museum" cd. in 122 ds. (Witte-CA). 9475 cd. in 54 ds.

ENGLAND: European Music Radio 6235 f/d cd. in 29 ds. for 2 IRCs. v/s Barry Stephens. Only 10 watts!!! (Cucura-PA). in 1 mo. (Porter-CT). in 2 wks. (Muick-PA). in 1 mo. w/ stickers (Field-MI). 6235 and 7325 in 1 mo. (Barto)

EUROPEAN RUSSIA: R. Moscow via Moscow on 9685 cd. in 72 ds. (George-TX). 9490 cd. in 1 mo. (Brouillette-MI). 9450 cd. in 25 ds. (Ackermann-HOL). 15410 in 43 ds. (Buer-FL). via Serpukhov on 9560 and 11835 in 43 ds. (Buer-FL). 11705 in 35 ds. (Ackermann-HOL). via Armavir on 12010 cd. in 25 ds. (Ackermann-HOL). 15210 cd. in 43 ds. (Plotnick-CT). via Zhigulevsk on 15445 cd. in 25 ds. (Ackermann-HOL). 15525 cd. in 43 ds. (Buer-FL).

FEDERAL REP. OF GERMANY: Bayerischer Rundfunk 6085 cd. in 3 wks. for 1 IRC. (Leithner-TN). Sudwestfunk 7265 "Ear" cd. in 1 mo. (Saylor-PA). in 40 ds. for ms. (Dittrich-FL). in 57 ds. for 1 IRC. (Buer-FL).

FINLAND: R. Finland 11755 cd. in 13 ds. (Witte-CA). 15400 "Textile" cd. in 37 ds. (Cronin-NY). in 45 ds. (Myers-AZ). 9645 cd. in 31 ds. (Brouillette-MI).

FRANCE: RFI 15425 f/d cd. in 28 ds. (Scott-ONT). 21675 f/d "Palais" cd. in 30 ds. (Fraser-MA). 17860 and 17720 cds. in 2½ mo. Pennant rcvd. (Field-MI).

FRENCH GUIANA: FR3 3385 f/d cd. in 33 ds. for a FR rpt. and 2 IRCs. (Cucura-PA). in 1 mo. (Porter-CT).

GABON: Africa #1 7180 ltr. in 22 ds. for a FR rpt. v/s G. Cocqueret, La Chef du Service Ondes. Pennant rcvd. (Marshall-ND). RTVG 4777 "Map" cd. in 147 ds. for a FR rpt. and 2 IRCs. v/s L. Melen. (Plotnick-CT).

GALAPAGOS: La Voz de Galapagos 4810 f/d cd. in 25 ds. for an EG rpt. v/s Padre Raul Pinto, Director. (Leite-MA). cd. and pennant in 2 wks. for ms. (O'Donnell-PA). in 2 mo. (DeFeyer-MI). in 1 mo. for 1 IRC. (Sears-OH).

GERMAN DEM. REP: RBI 11975 f/d "Map" cd. in 87 ds. (Dittrich-FL).

GHANA: GBC 4915 cd. in 196 ds. (Sbordone-FL). 3366 cd. in 152 ds. v/s A. Blamgh. (Plotnick-CT). 4915 cd. in 157 ds. v/s Joseph L. Chin. (Plotnick-CT).

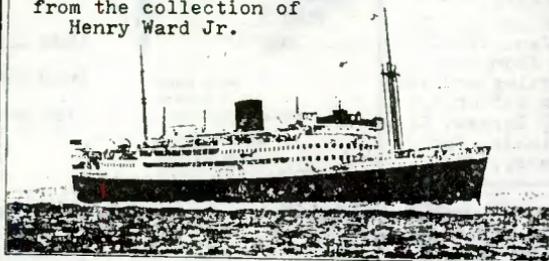
GREECE: VOA 6140 via Kavala f/d cd. in 3 wks. (Matthews-OH). Voice of Greece 9650 f/d cd. in 1 mo. for 1 IRC. (Miller-WV).

GUAM: TWR 11840 f/d cd. in 2 mo. for 1 IRC. (Reitz-KY).

GUATEMALA: TGNA 3300 f/d cd. in 32 ds. for an EG rpt. and 2 IRCs. (Cucura-PA). in 33 ds. (Semesky-IN). R. Tezulutlan 4835 f/d cd. in 5 wks. for a SP rpt. and 2 IRCs. (Orcutt-CA). in 70 ds. for 1 IRC. (Gliksman-IL). R. Maya 3325 f/d cd. in 1 mo. for a SP rpt. and 1 IRC. v/s Loran W. Veith Jr., Gerente (Reitz-KY). Radio Mam 4825 ltr. in 2 mo. v/s Herminio Perez Lopez, Director. (Leithner-TN). in 3½ mo. (Reitz-KY). Radio Chortis 3380 ltr. in 32 ds. for 1 IRC. v/s Juan Maria Khrouet, Executive Director. (Desrosiers-MA). R. Nacional 6180 cd. in 1 mo. for a SP rpt. (Barto-CT).

GUYANA: GBS 5950 ltr. in 53 ds. for 3 IRCs. v/s L.R.E. Case (George-TX).

from the collection of
Henry Ward Jr.



THE FIRST SHIP'S BROADCASTING STATION

CALL SIGN - VK9MI
FREQUENCY - 11710 K.C. (25.619 METRES)
6010 K.C. (49.917 ")
POWER - 50 WATTS AERIAL RATING
TRANSMITTER - A.W.A. HIGH FIDELITY
SCHEDULES - VARIOUS

9
MI

M.V.
KANIMBLA
11,000 Tons

McHARRAITH
McHARRN
LTD.
Melbourne
Australia

HAITI: 4VEH 9770 f/d cd. in 110 ds. v/s Stewart West. (Clifford-OK). in 3 mo. for 1 IRC. (Reitz-KY). in 3 mo. (Elwood-MN). in 7 mo. (O'Donnell-PA).

HONDURAS: HRVC 4820 cd. in 2 wks. v/s Ines Alvarado A. (Field-MI).

HOLLAND: R. Nederland 17605 f/d cd. in 19 ds. for 1 IRC. (Newhall-CT). 11720 cd. in 22 ds. for EG rpt.(Clifford).

IRAN: Voice of Iran 9022 cd. and pennant in 46 ds. (Leite-MA). in 40 ds. (Tiede-NY). in 44 ds. for 1 IRC. (Berezowski-ALB).

IRAQ: R. Baghdad 9745 f/d "Soldiers" cd. w/ pennant in 123 ds. (Hoffman-PA). in 42 ds. w/ pennant for 3 IRCs. (Semesy-IN).

IRELAND: R. Condor International 11463 f/d ltr. for * for a 1979 reception. 100 watts!!! (Prisco-PA)

ISRAEL: IBA 29725 f/d cd. in 35 ds. (Cucura-PA). 11637 "Temple" cd. in 45 ds. (Myers-AZ).

ITALY: RAI 9575 f/d "Giorgione" cd. in 102 ds. for 1 IRC. (Dye-MO).

IVORY COAST: RTVI 4940 f/d "SWL" cd. in 65 ds. for a FR rpt. and 1 IRC. (Desrosiers-MA).

JAPAN: R. Japan 17825 f/d "Kamakura" cd. in 28 ds (Brouillette-MI). in 31 ds. (Scott-ONT). in 28 ds. (Fraser-MA). JJY 15000 cd. in 102 ds. (Wallace-HI). in 71 ds. for 2 IRCs. (Concannon-CA)

* FEN 6155 cd. in 3 wks. (Leithner-TN). NKK 3607 f/d cd. in 2 wks. Power: 900 watts! (Orcutt-CA)

JAVA: Voice of Indonesia 11790 cd. in 4 mo. for an EG rpt. and 3 IRCs. (Sears-OH). in 59 ds. w/ sticker (Leite-MA). in 140 ds. w/ pennant. (Gliksman-IL). in 52 ds. (Scott-ONT).

KENYA: Voice of Kenya 4915 ltr. in 155 ds. for ms (Hoffman-PA). in 25 ds. for 1 IRC. (Miller-WV) in 45 ds. for 1 IRC (Gliksman-IL). 4934 ltr. in 5 mo. (Saylor-LA).

KIRGHIZ: R. Moscow via Frunze on 21530 cd. in 26 ds. (Plotnick-CT).

KOREA, DEM. REP: R. Pyongyang 9977 "Flower" cd. in 98 ds. w/ pennant. (Newhall-CT). in 88 ds. w/ pennant. (Plotnick-CT). in 140 ds. (Gliksman-IL).

KOREA REP: R. Korea 11830 cd. in 25 ds. (Clifford-OK). 9525 cd. in 2 mo. (O'Donnell-PA).

KUWAIT: R. Kuwait 11690 f/d folder cd. in 60 ds. for 1 IRC. (Calderwood-CO). in 75 ds. (Gliksman-IL).

The logo on page 30 of the Jan. QSL Column was from the Broadcasting and Publication Authority, Bairiki, Tarawa, Gilbert Islands. Sorry, no winners...Sam.

RADIO SANTA FE
HJCG-ONDA LARGA-1770 kcs
HJAE-ONDA CORTA-4965 kcs
HJJI - F. MODULADA - 875 mc
13.200 WATIOS DE POTENCIA

RADIO REPUBLIK INDONESIA

Dear Sir,

from the collection of
Ed Kusalik

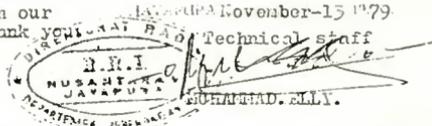
We gratefully acknowledge your report on

STATION RRI JAYAPURA LOCATION IRLAI JAYA

FREQ 4980 KHz TIME 11.45-12.05 AM October 21-1979
GMT

REMARKS

Your report in details corresponds with our station log. Thank you very much.
November-15 1979
Technical staff



AWR-ASIA
P.O. Box 15
POONA 411001, INDIA

AWR-EUROPE
P.O. Box 2590
1114 LISBOA CODEX
PORTUGAL

submitted by Chris Lobdell

Date: Dec 9 1979

Hour (GMT): 2030 - 2059

Frequency (KHz): 6215 (49m)

Andorra

To: Chris Lobdell

Your report is hereby verified as fully correct.

We would be glad to hear from you again.

ADVENTIST WORLD RADIO

NOTICE: Due to the non-delivery of last months QSL Column by the postal authorities, we are going to have a big double issue this time around! There are a great many super items up for bid! Let's get into it...Sam.

HAP BID WINNERS: Bill Stevens(43), Dan Jakubowski(42,53), Richard McVicar(50), John Fisher(46), Steve Leite(60), Stefan Loren(49), David Morck(52), James Jacobs(48), Don Moore(44), Ed Serpson(51), Richard Pistek(55,57), and John Herkimer(45,47,59). There were no bids received on items # 54, 56 and 58...Thank you for your fine support of HAP fellas!...Sam.

PACKAGES BEING HELD: As of 2/1/80 I'm still holding HAP bid winnings for the following individuals: Steve Leite, W. N. Brown, Robert McIntosh, Albert Newman, Walter Dittrich, Scott Streiker, M. Hickman, Richard McVicar and Thomas Kirkpatrick. If you have already paid - thank you...Sam.

HAP BID ITEMS: #93: CBC cloth arm patch(3")yellow,orange,blue. #94: CBC from Inuvik, Northern Territories "Saturday Night Request Show" T-Shirt (M), blue and red - a super beauty!!! #95: Downtown Radio(Northern Ireland) metal badge(2")brown,red,silver. #96: Downtown Radio T-Shirt(M) green and gray - real sharp!!! #97: Downtown Radio triangular decals-large,silver, red,brown. #98: European Music Radio(EMR) decal(3x14")blue,white. #99: EMR decal(2.5x15.5")red,white. #100: EMR decal(2.5x15.5")black,white. #101: Sender Freies Berlin station pin(2")blue. #102: CFRO metal badge(2")black and white - beauty!!! #103: Radio Bucharest key chain, multi-colored. #104: Radio Budapest key chain, black,silver. #105: Birmingham Radio-BBC key chain,white,red,black. #106: KOA Radio key chain, blue,gold. #107: Radio Budapest station pin, blue,gold. #108: Radio Nederland station pin, multi-colored. #109: Radio Pyongyang station pin(circular),red,gold... really nice!!! #110: Radio Wales metal badge, multi-colored-beautiful!!! #111: CFLW-Newfoundland metal badge,red,blue,white. #112: Radio Nottingham-BBC metal badge,circular,purple,white. #113: Birmingham Radio metal badge,red,white,black. #114: Radio Tees-BBC metal badge,red,white,black. #115: Radio Forth(Scotland) metal badge,yellow,white,black. #116: WLRs metal badge, yellow,blue. #117: Radio Peking station pin,red,gold. #118: KRSP Radio "Hat"(fits all sizes) red,white,blue-beautiful!!! #119: KRSP T-Shirt(L)red,white,blue-sharp! #120: CBC "Festival" poster(9.5x13")red, black,blue #121: WJAM-Free Radio Service of Connecticut station decal, (hand made) (4x9")red,white. #122: Radio Vatican 12 different multi-colored QSL cards! Really beautiful!!! #123: Radio Sweden T-Shirt(S) blue, yellow. #124: WTAE T-Shirt(S) "I Love Pittsburgh" red,white. #125: WDRQ "Pure Disco" T-Shirt(L) blue,white. #126: Deutsche Welle cloth pennant, (6x13") blue,white. #127: Radio Andorre decal(2x10")red,white,yellow. #128: Voice of Free China-BCC cloth pennant for the NA Service(5x8")red, blue,white. #129: WRAL T-Shirt(S) sleeveless,blue. #130: Radio Peking paper pennant "Tien an Men" multi-colored. #131: WRTA cigarette lighter, black. #132: Radio Swaziland "hat" fits all sizes! "Freak Out with Swazi Radio", blue,white - a super beauty!!! #133: Radio Peking plastic pennant "ChingKang Mountains",multi-colored(5.5x10.5"). #134: Radio Peking plastic pennant "Mountain Village",multi-colored(5.5x10.5"). #135: RPI plastic bag (17x14.5")red,blue,white. #136: Radio RSA cloth pennant(5.5x10.5") orange,white,black. #137: WBAQ cigarette lighter(large)red - a beauty! #138: Radio Netherlands "paper holder"...I'm really not sure what it is, but it sure looks useful! #139: KEBC belt buckle(very heavy)(2x3") really fine!!! #140: Radio Tashkent station pin(1.5" long)blue,white,gold. #141: Radio Tashkent station pin(1 1/4" circular)blue,white #142: Radio Tashkent station pin(1" triangular)blue,white,gold. #143: FEBC paper pennant(4x9") red,blue,white,black. #144: WHCN metal badge,green,white. #145: WHCN key chain,green,white. #146: KXL key chain(3.5" long)black. #147: KXL letter opener,black - a real beauty! Station places a \$4.50 value on this! #148: Radio Malaysia cloth pennant(new! - this is different from last years!!!) (5.5x10")black,white,yellow - beauty! #149: WRKI T-Shirt(L) blue,yellow. #150: WVOT "Voice of Togetherness" US pirate station, homemade pennant & a wall calendar - collectors item! #151: Radio Guaiba stickers(2 different) real nice. #152: Radio Monte Carlo stickers(2.5x6")red,white. #153: CFCO 1980 wall calendar(9x11.5"). #154: WMAA T-Shirt(M) white with black sleeves with an extra large 1980 Winter Olympic logo on the reverse side - a super shirt!!! #155: Same as #154 except it is a large size(L). #156: WMAA T-Shirt(L) yellow,brown. #157: CJCB T-Shirt(XL)red,yellow. #158: Norfolk Island Broadcasting Service paper pennants!(VL2NI)(3x8.5"). These are limited and would make a very nice addition to your collection...Sam. #159: KTWR(Guam) paper pennant(3x8"). #160: KTWR(Guam)circular decal,red, blue,white. #161: KOME cloth arm patch(2x2")triangular)yellow,black. #162: KOME metal station pin(1.5x1.5")yellow,black....Thats about it. Hope there is a little something here for everybody.....Sam.

HAP BID WINNERS: Dave Twiggs(76,78), John Herkimer(63,66,69,89), Don Moore(70), Richard Pistek(85,90), Lloyd Kantor(88), Chris Hansen(79,81,92), Bill Campbell(74), Phil Wala(62), Dave Fox(61), Milton Withers(71,72,73), R. C. Boyd(65), Dave Stewart(67,80), and Dario Monferini(75)....There were no bids on item #s 64,77,82,83,84,86,87 and 91.

HAP ITEMS FOR SALE: The following stickers/decals are available for \$.25 each or 5 for a dollar(\$1.00). WZNT(Puerto Rico), Radio Vatican, WMNI, WCAV, WBET, WSRS, KRNA, WHAL, CKNW, KPOF, WYSL, WFLA, WSKG, ORU-Belgium, WAME, WXLN, WDGY, KOAX, WHIM, ORP-Austria, KBLE, WKJR, WCGQ, WJAZ, KYW, CFNB, WBAQ, WLRD, WRVQ, WGCL, Canadian Forces Network(Germany), CFMK, Radio Bucharest, CKCK, KBIG and KBRT. We are now adding these new ones: KIRO, Radio Sheffield-BBC, KROY, KRSP, WCFR, WXQR, WJNC, WRCM, WZZR, WRFK, WNVR, KDKD, KOME, KKAA, KEBC, WFME, Radio Trent-BBC, WRJZ, WHCN and KMGK.

- * The following wall size posters are available at the quoted prices: KOAX mini-poster(\$.25), KYW butterfly (\$1.50), KJIG butterfly(\$.75), RIAS(West Berlin) (\$1.00), KOAX large poster(\$.75) and WDRQ "Disco"(\$1.25)
- * The following items are also for sale at the quoted prices: CBC station decals(2" circular)(\$.50), Westdeutscher Rundfunk station decals - multi colored(\$.50), KUAC "Univ. of Alaska" iron on T-Shirt decals(\$.50), Radio Mexico plastic pennants(\$1.50), BBC Local Radio metal badges(\$.25), CFME large decals(\$.50), KOOL extra large butterfly decals (\$1.50), Radio Vatican paper pennant(\$.50), GTZ Australian coaster(\$.25), Radio Leeds-BBC decal(\$1.00), Radio SR(Swaziland) decal, 20" in length!(\$1.00),
- * The following additional wall posters are available at the quoted prices: KRNA 1980 calendar - really sharp(\$1.00), WFLN Classical Music(\$1.00), and WMMR "Long Live Rock - Beatles, Stones"(\$1.25).

NOTES: I'd like to thank Tom Mooningham, Gerry Bishop, Dave Fox, George Cady and Richard Swanson for their HAP donations.

HELP NEEDED: I'm still looking for someone who could translate a letter for the HAP program from English into Spanish and/or Portuguese....Sam.

MAILING ADDRESS: Send all of your bids and requests for saleable items to: Sam Barto, 245 Cherry Ave. J-11, Watertown, Conn. USA 06795. Please, no IRCs for overseas orders - only International Money Orders or US cash.

LAOS: R. Oudom Xay 6912 personal ltr. in 50 ds. for an EG rpt. from v/s Bou-* Mek Phendsavanh, Interim Director.(Cucura-PA).

LATVIA: R. Moscow via Riga on 7140 cd. in 35 ds.(Ackermann-HOL).

LEBANON: La Voix du Liban 6550 f/d ltr. in 1 mo. for an EG rpt. v/s Joseph * El-Hachem.(Saylor-PA).

LIBERIA: ELWA 11860 f/d "25th Anniversary" cd. in 7 mo. for 3 IRCs.(Scott-ONT). in 193 ds.(Leite-MA). 3227 cd. in 73 ds.(Cucura-PA).

LITHUANIA: R. Vilnius 15525 cd. in 96 ds.(Cronin-NY). 11740 w/ f/d "Museum" cd. in 27 ds.(Plotnick-CT). cd. in 3 mo. w/o freq.(Forman-NY).

MALAGASY REP: R. Nederland 11730 f/d "Costumes" cd. w/ pennant in 27 ds.(Danke-NJ). in 23 ds.(Fraser-MA). in 2 wks.(Baxter-KS).

MALAYSIA: Voice of Malaysia 15295 cd. and pennant in 128 ds.(Leite-MA). in 2 mo. for 2 IRCs.(Onken-IL). in 153 ds. for ms.(Hoffman-PA). 9665 cd. in 5 mo. for 2 IRCs.(Carbis-CA). in 1 mo.(Porter-CT).

MALI: R. Mali 5995 f/d "Map" cd. in 131 ds. for a FR rpt. and 2 IRCs.(Sears-OH). in 130 ds.(Gliksman-IL). in 4 1/2 mo.(Kowalski-WI).

MALTA: DW 6100 cd. in 27 ds.(Dittrich-FL). in 161 ds.(Moore-PA). R. Renaissance via R. Mediterranean 9670 cd. in 32 ds.(Ackermann-HOL).

MANCHURIA: Heilongjiang PBS 4925 f/d cd. in 3 wks. for 1 IRC.(Lazarus-LA). 5950 cd. in 1 mo.(Matthews-OH). in 3 wks.(Bloch-MD). 4750 cd. in 3 wks. * (name?). in 20 ds.(Cucura-PA).

MARTINIQUE: FR3 2620(2x1310) f/d folder cd. in 3 wks.(Barto-CT).

MAURITANIA: R. Mauritanie 4845 f/d "Logo" cd. in 38 ds. for ms.(Dittrich-FL)

MEXICO: R. Mexico 15430 cd. and pennant in 61 ds.(Leite-MA). in 59 ds. for 1 IRC.(Buer-FL). cd. and pennant in 45 ds.(Myers-AZ). in 73 ds.(Berezowski-ALB). in 60 ds. for 1 IRC.(Gliksman-IL). 5985 cd. and pennant in 2 mo.(Leithner-TN). R. Educacion 6185 personal ltr. rcvd. from Joel Hernandez, Auxiliar Direccion General.(Greenyer-NZ).

MONACO: TWR 9495 f/d "Map" cd. in 1 mo. for 1 IRC.(Kapinos-MA). -FL).

MONTERRAT: DW 9545 cd. and pennant in 136 ds.(Moore-PA). in 27 ds.(Dittrich)

NEW BRITAIN: R. West New Britain 2340 f/d cd. in 5 wks. for 1 IRC.(Moore-PA). R. East New Britain 3385 cd. in 44 ds. for 1 IRC.(O'Donnell-PA).

in 120 ds. for 1 IRC. v/s Pearson Talwat.(Gliksman-IL). in 2 mo. for 3 IRCs.(Matthews-OH). in 1 yr. for 1 IRC.(Sbordone-FL).

NEW IRELAND: R. New Ireland 2428 f/d cd. in 33 ds. for 1 IRC.(Moore-PA).

NEW ZEALAND: RNZ 17860 cd. and 5 different pennants in 6 wks.(Barto-CT).

NICARAGUA: La Voz de Nicaragua 5950 ltr. in 22 ds. w/ pennant. v/s Gustavo * Valle Schaffer.(Ossege-OH). in 23 ds.(Tuchscherer-WI). in 1 mo.(Lobdell).

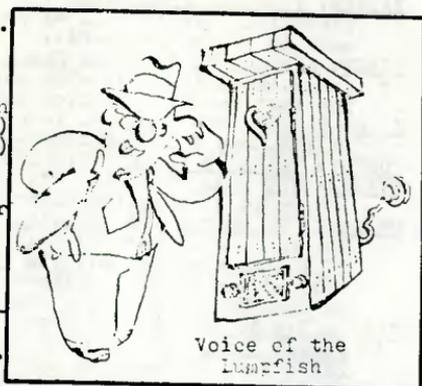
NIGERIA: FRC 4990 via Lagos, ltr. in 27 ds. (Dittrich-FL). in 55 ds. for 1 IRC. (Gliksman-IL). R. Kaduna 6090 f/d cd. in 82 ds. for 1 IRC. (Dittrich-FL).

NORWAY: R. Norway 15175 f/d "Winter" cd. in 38 ds. (Ballwanz-NJ). in 61 ds. (Danko-NJ)

OMAN: BBC 15310 cd. in 3 wks. (Desrosiers-MA)

PAKISTAN: R. Pakistan 21755 cd. in 37 ds. for 2 IRCs. (Newhall-CT). 21590 cd. in 39 ds. (McClellan-MI). in 26 ds. (Miller-WV). 17830 cd. in 42 ds. (Dittrich-FL).

PAPUA NEW GUINEA: NBC 4890 f/d "Map" cd. w/ pennant in 42 ds. (Scott-ONT). in 29 ds. (Semesky-IN). in 21 ds. (Ossege-OH). in 2½ mo. (Elwood-MN). in 67 ds. (Pierce-MA). in 51 ds. (Newhall-CT). R. Madang 3260 f/d cd. in 3 mo. for 1 IRC. v/s J. K. Koniel, Station Manager. (Plotnick-CT). in 9 wks. for 3 IRCs. (Matthews-OH). R. East Sepik 3335 cd. in 2½ mo. for 3 IRCs. (Matthews-OH).



Voice of the Lummfish

PERU: R. Tropical 4935 cd. in 2 mo. v/s Juan Pablo Mori, Gerente Proprietario (Greenyer-NZ). R. Tarma 4770 ltr., cd. and pennant in 2 mo. for a SP rpt * v/s Mario Monteverde P., Gerente. (Greenyer-NZ). La Voz de la Selva 4825 folder cd. in 11 mo. for a SP rpt. and ms. v/s Maria S. Valderas Huarca-ya, CPC. (Lobdell-MA). R. Atlantida 4790 ltr. in 35 ds. for a SP rpt. and ms. v/s Socorro Saavedra Angiulo, Secretaria. Pennant rcvd. (Durnavich-IL). in 23 ds. for ms. v/s is a stamp collector! (Clifford-OK).

PHILIPPINES: FEBC 17810 f/d cd. in 32 ds. for 2 IRCs. Pennant rcvd. (Goodwin-MI). in 34 ds. (Leite-MA). in 3 wks. (Elwood-MN). in 40 ds. (Fraser-MA). in 44 ds. for 2 IRCs. (Scott-ONT). in 31 ds. (Newhall-CT). R. Veritas Asia 15320 cd. in 35 ds. w/ 3 pennants & a personal ltr. (Semesky-IN).

PORTUGAL: R. Portugal 11925 f/d "Candle Holder" cd. in 41 ds. (Myers-AZ).

ROMANIA: R. Bucharest 9690 "Mamaia Beach" cd. in 76 ds. w/ pennant (Cronin).

RWANDA: DW 15410 cd. and sticker in 66 ds. (Onken-IL). 7225 cd. in 110 ds. w/ pennant. (Wallace-HI). in 10 wks. (Saylor-PA). in 3½ mo. (O'Donnell-PA).

SARAWAK: R. Malaysia Sarawak 4835 f/d cd. in 30 ds. (Gliksman-IL).

SAUDI ARABIA: BSKSA 15060 f/d "Logo" cd. in 2 mo. (Klein-FL). in 150 ds. (Calderwood-CO). in 5 mo. (Saylor-PA). 11855 in 20 mo! (Wallace-HI).

SICILY: RAI 7175 cd. in 3 mo. (Porter-CT).

SINGAPORE: BBC 15380 n/d cd. in 6 wks. (Kapinos-MA). 15280 cd. in 23 ds.

SOLOMONS: SIBC 5020 f/d cd. in 24 ds. for ms. (Moore-PA). in 6 mo. (Word-GA). in 190 ds. for 1 IRC. (Gliksman-IL). in 23 ds. for 1 IRC. (Desrosiers-MA).

SOUTH AFRICA: R. RSA 17780 f/d cd. in 17 ds. (Baxter-KS). 15220 "Lion" cd. in 31 ds. (Leite-MA). 11900 cd. in 24 ds. (Cronin-NY).

SPAIN: REE 11880 f/d "San Clemente" cd. in 30 ds. (Danko-NJ). in 49 ds. (Myers-AZ). 9630 cd. in 25 ds. (Moore-PA). in 26 ds. for 1 IRC. (Fraser-MA).

SUMATRA: RII Bengkulu 3265 f/d ltr. in 5 wks. v/s Sjaerief Sjaaf. (Barto-CT). RII Pekanbaru 5886 ltr. in 2 mo. after 5th try! (Field-MI).

SURINAM: Stichting Radio Omroep Suriname 4850 f/d ltr. in 98 ds. for 1 IRC. (Plotnick-CT). in 4 mo. for 1 IRC. (Sears-OH). in 63 ds. (Desrosiers-MA). * R. Apintie 4794 personal ltr. in 1 mo. for 1 IRC. v/s E. J. Vervuurt, Director. (Lazarus-LA). in 1 mo. (Field-MI). in 25 ds. (Nuick-PA).

SWAZILAND: TWR 4760 "Native" cd. in 34 ds. for 1 IRC. (Witte-CA).

SWEDEN: R. Sweden 11705 f/d "Map" cd. in 18 ds. for an EG rpt. (Myers-AZ).

SWITZERLAND: SRI 21585 f/d "Lac de Samtis" cd. in 69 ds. (Danko-NJ).

TADZHIK: R. Moscow via Dushanbe on 21565 f/d "Bear" cd. in 4 mo. (O'Donnell-PA). 17730 and 15220 cds in 38 ds. (Buer-FL). in 53 ds. (Klein-FL).

TAHITI: R. Tahiti 15170 f/d cd. in 94 ds. for a FR rpt. and 1 IRC. (Plotnick-CT). in 97 ds. (Wallace-HI). in 320 ds. (Witte-CA).

广播收听证

亲爱的朋友: This 43L arrived direct from
Lhasa to our man in Maryland
Jean-Jacques Bloch.

兹证明您 11月10日的收听报告, 频率

4750千周, 符合本台节目。欢迎继续告诉

我们收听情况。 This card translates as:
Certificate of Radiobroadcast Reception.
This proves that your reception report of Nov.
17th frequency 4750 agrees with the original
program of our station.
We welcome your further 人民广播电台
comments on the recep-
tion conditions of our
transmission. 77年10月7日

TAIWAN: Voice of Free China 15270 f/d cd. in 7 wks. for 2 IRCs. (Orcutt-CA). 17890 f/d "Horses" cd. w/ pennant in 30 ds. (Scott-ONT). 11745 cd. w/ pennant in 22 ds. (Leite-MA).

TIBET: Xizang PBS 5935 via Lhasa f/d cd. in 1 mo. (Matthews-OH). 9490 cd. in 18 ds. (Kusalik-ONT). 4750 cd. direct from Lhasa in 5 wks. for a CH rpt. See text for illustration and translation. (Bloch-MD).

TOGO: R. Togo 5047 f/d cd. in 69 ds. for ms. (Dittrich-FL). in 65 ds. for a FR rpt. and 3 IRCs. (Timmer-IN). (Jakubowski-OH).

TURKEY: Voice of Turkey 9515 f/d "Love and Peace" cd. in 40 ds. w/ pennant.

UGANDA: UBC 15325 "Studio" cd. in 94 ds. for 3 IRCs. (Hensley-TX). in 3 mo. v/s David R. Buga. (Johnston-NY).

UKRAINE: R. Moscow via Vinnitsa on 7210 f/d cd. in 27 ds. (Plotnick-CT). 21555 cd. in 43 ds. (Buer-FL). 11980 cd. in 30 ds. (Gliksman-IL). 15135 cd. in 35 ds. (Ackermann-HOL). via Lvov on 11900 cd. in 35 ds. (Ackermann-HOL). 9760 cd. in 45 ds. (Gliksman-IL). 12070 cd. in 43 ds. (Buer-FL). via Kiev on 9720 cd. in 17 ds. (Plotnick-CT). via Kharkov on 15540 cd. in 43 ds. (Buer-FL).

USA: La Voz de Las OES 11830 pamphlets in 206 ds. (Clifford-OK). (Buer-FL) Samuri Radio 3700 p/d ltr. in 2 wks. (Saylor-PA). Voice of the Lumpfish 22875 ltr. w/ complete details in 2½ wks. (Wirrell-WA). Free Radio Service of Connecticut-WJAM 26670 f/d cd. in 5 mo. (Cucura-PA).

USSR: R. Moscow 9660 cd. in 28 ds. (Cronin-NY). 9680 cd. in 59 ds. (Fraser-MA). 17720 f/d cd. in 51 ds. (Myers-AZ).

UZBEK: R. Tashkent 6025 f/d cd. in 40 ds. (Semsky-IN). in 1 mo. (Porter-CT).

VATICAN: R. Vatican 11845 "Microphone" cd. in 17 ds. w/ sticker. (Cronin-NY). 6015 f/d cd. in 26 ds. for 1 IRC. (Fraser-MA).

VENEZUELA: La Voz de El Tigre 3255 ltr. in 4 mo. for a SP rpt. v/s Carlos Poleo, Director. (Greenyer-NZ). R. Nacional 6170 ltr. in 2 mo. for a SP rpt. v/s Charlie Nash, Jefe Canal Internacional. (Greenyer-NZ). YVTO 6100 "Juan Manuel Cagigal" cd. in 1 mo. for 2 IRCs. v/s Jesus A. Escalona. (Elwood-MN). R. Turismo 6180 cd. in 3 mo. for a SP rpt. v/s Guillermo Bracamonte, Director. (Barto-CT). cd. in 4 yrs! (Lazarus-LA). Ecos del Torbes 4980 f/d ltr. in 52 ds. for a SP rpt. v/s G. Gonzzles Lovera, Director. (Myers-AZ). in 58 ds. for 1 IRC (Brouillette-MI). in 101 ds. for ms. Pennant rcvd. (Cucura-PA). Ondas Pan-americanas 3215 a beautiful 8x12" award type diploma rcvd. in 2 mo. for a SP rpt. (Barto-CT). on my 11th try!!!! (Field-MI).

WEST BERLIN: RIAS 6005 "Headquarters" cd. in 2½ mo. (Muick-PA). f/d cd. in 14 ds. for 1 IRC. (Klein-FL).

WEST IRIAN: RRI Jayapura 4980 f/d cd. in 25 ds. v/s Muhammad Elly, Technical Staff. (Kusalik-ONT). 7162 and 6070 f/d cds. in 4 yrs!!! for an IN rpt. and ms. (Kusalik-ONT).

YEMEN ARAB REP: R. Sana'a 9780 f/d ltr. in 4 mo. for an EG rpt. (O'Riordan-ID) 4853 and 9780 f/d ltr. in 3 mo. for an EG rpt. (Barto-CT).

ZIMBABWE RHODESIA: ZRBC 3396 via Gwelo very large blue and white cd. in 2½ mo. (Barto-CT).

This month we have 122 countries being reported by NASWA members. I'm sorry about there being no column last month, but as Bill Oliver stated it took @ 13 days to travel 300 miles!

THANKS: A big thank you goes out to Dave Timmer, Don Moore, Ted Ossege, Fred Swanson, and Al Muick for donating stickers and decals for the HAP auction for this year. If you would like to donate any articles, please send them along to your NASWA QSL Editor...Thank you...Sam.

REPORT FORMS: NASWA column QSL report forms are available from your editor for a SASE...Sam.

via Chris  Lobdell

YNGR

"LA VOZ DE NICARAGUA"

VOZ OFICIAL DEL
GOBIERNO DE
RECONSTRUCCION NACIONAL

620 KHz ONDA MEDIA
11.845 MHz - 25 metros
5.920 MHz - 49 metros
ONDA CORTA

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IN REPLY
PLEASE QUOTE
EGL/LW

Melbourne, 13th April

1979

Mr. Henry Ward Jr.,
16 Wellington St. Appt. 17
SHERBROOKE, Quebec, Canada

I feel very honored to be able to present QSLs such as this in our column. Thank you Henry.

Dear Sir,

We acknowledge with many thanks receipt of your letter and card of the 2nd ult. advising that you had been successful in picking up programme broadcast from our M/V "Kantabla" Station VK 9MI on 1st ult. at 6.46 a.m. E.S.T. at which time she was broadcasting a programme to land station 3HA Hamilton, Victoria.

We regret to note that the reception was not altogether satisfactory, but we can only imagine that the interference of Station C.J.C.X. together with atmospheric in your areas was mainly responsible. However, it is very interesting for us to note that you are endeavouring to pick up our programmes from time to time and we hope to hear from you again should you be successful in future.

Once again thanking you and enclosing our S.L. Card for your collection.

Yours faithfully,

McIlwraith McEachern Limited.

(E.G. Lister)

PIRATE TAPES: Al Muick is presently selling 5 different studio quality tapes of European pirates. Half of the proceeds that he raises will be donated to this years HAP fund raising efforts! For additional information, please send an SASE to Al at RD #2, Box 542, Wescosville, Pa. 18106.

NOTES: Connecticut DXer Al Sizer reports that 181 countries were reported to our QSL Column in 1979. Paraguay was one of the missing along with Tristan da Cunha. Hi! Brandon Jordan of P.O. Box 62, Adamsville, TN. 38310 is looking to buy or trade for a Radio Mira, Radio Japan and a pre 1977 Emisora Gran Colombia pennant. Brandon is also interested in starting a pennant collectors club sounds interesting...Sam. Thanks for the letter Leslie. Always nice to hear from you....Sam.

73's

Sam Burt



Azad Kashmir Radio

MUZAFFARABAD

update

March 1980***Number 62

Tom Allaman
615 W. 43rd Terr., Apt. 6
Kansas City, MO 64111 USA
(816) 931-5943 0030-0400 GMT only!

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

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

- ALGERIA Algiers, 9610, in EG 2105; nx, tirades against Israel and US. Disco mx after nx. Best ever here w/ little QRM. (Chris Leithner, TN 2-5)
- ARGENTINA R. Nacional Mendoza, 6180, in SP 0938-58; tango and opera vocals, two clear IDs, TCs by M, and live mass at 1010. New for me. (Terry Krueger, FL 2-10)
- BANGLADESH RB, 15285, in EG *1230-55; IS under Berlin, ID by W, and world nx by M. Very poor w/ mx to 1524. (Cartwright, PA)
- BOLIVIA R. Progreso, 6005, in SE *0923-50; s/on w/ annct, ID, ment of freqs. Slogan--"la pal-
abra de Bolivia para el Mundo". Mx and group of annctms 0930-37 in seeming Aymara or Quechua.
- BRAZIL R. Bare, 4895, in PT 0320; live sports w/ fast ID over the live annrs. (tba)
- *BURUNDI LVR, 3330, in almost as well as Cultural 0358; talks by M in Kirundi, Afr mx to 0400. Then into nx w/ several ments of Bujumbura. (Dan Robinson, DC)
- CAMEROUN Yaounde, 4850, in FR 2242; talks w/ US and Afr pops. (Leithner, TN 1-30)
- CANADA CFGX, 6005, in EG 0850-0923; phone-in talk show, nx 0900. IDs as CFCE Radio 60, annct for Heart Foundation. Fairly good till overpowered by Progresso at 0923. No Reloj. (Lazarus, LA 2-9)---Same at 0910 w/ phone-in talk show. Various topics, phone number seems to be 790-0741. Many MW but no SW IDs given. Fair w/ no Reloj. Also heard next day 0815 w/ pops, ID, TC, weather. (Leithner, TN)+++CKZU, 6160, in EG 0858; nx, mentions of British Columbia, IDs for MW and SW. Barely there 0910*. (Leithner, TN)
- CENT. AFR. REP. Bangui, 5035, in FR 0430 s/on. NA, talk by M, guitar bridge, and clear ID. (tba)
- CHILE LV Chile, 15140, in EG 0018; IDs, talk on local stock exchange, folk mx. (Leithner, TN)
- CHINA BPV Shanghai, 15000 w/ time pips 1242-1301; pips w/ extended one on top of minute to 1245, then solid tone w/ second omitted on minute, ID in morse 1300. WWV not heard this time but back by 1310. (Cartwright, PA)
- COLOMBIA LV Yopal, 5050, in SP 1005; M anncr, GMT-5 TC, ID, Todelar plug, local mx. (Stu Klein)
- *COMORO IS. Comoro tentative on 3331 in FR 0320-28 w/ talks by M in FR and verns and local mx. (Robinson, DC)
- DOMINICAN REP. Reports of Radiomar harmonic on 2120 puzzling. Stn booms into Florida w/ characteristics unlike those of harmonic most evenings 0330+ w/ almost every sentence audible. Crosby, Stills Nash & Young tune 2-10. I vote with those who think this is a deliberate tx on this freq. (Serge Neumann, FL)***Welcome aboard, OM. tba
- ECUADOR Rfonicas Populares, 3985, in SP 1010; IDs, Andean strings, some talks. (Leithner, TN 2-5)
- EQ. GUINEA Bata, 4925, in SP *0423; anthem, s/on annctms w/ ment of both Bata and Rio Muni. (tba)
- FRANCE Paris, 21515, in EG 1700; nx to 1717, mx and ID as tx for SAfr. (Elmo Smith, OK 2-13)
- *FALKLAND IS. FIBS, 2370, in EG 0053-0130*; pop mx pgm to 0100, ID by W, BBC nx including Radio Nxeel to 0128. Annct by W of pgm sked, ID, TC, s/off annct, and GSTQ. Surprisingly good. First time. (Lazarus, LA 2-6)---Same at s9+40db. Soccer game w/ ments of Livermore and O'Reilly to 0030 when abruptly off. One local DXer called stn (!!! tba) which confirmed report and fact that their tx had gone off due to trouble at that time. (Robinson, DC)
- GUINEA BISSAU Finally noted on 5040a at *0558-0605; drum IS, NA and a cappella Afr singing. (Cartwright, PA)
- GUYANA GBS, 5950, in EG 0933; "Morning Show", pops, TCs, reminder for folks to get their radio licenses. Good. (Leithner, TN)
- INDONESIA RRI Dili, 2456 listed, presumed at 1245 in Indo. Very weak under growing static. Talk by M. (Neumann, FL 2-14)+++RRI Medan, 4764, in Indo 1142-1219; local mx, w/ few breaks. Warta Berita at 1200. (Cartwright, PA)+++ Indos heard on 2-13 by Stu Klein, FL: 3215 Menado at 1225 w/ local mx, M anncr, talks. 3345 Ternate 1212 w/ Jakarta nx really. 4719 // 4753 Ujung Padang w/ Jakarta nx relay. 4845 Ambon, 1207 same nx really. 4875 Sorong 1210 more warta berita. 5045 Yogyakarta 1255; through bad het. M anncr w/ talks to SCI 1259.
- JAPAN NHK, 3607, in JP 1124-1200; mx and talks by DJ; JP vocals, more talks, DJ in often, and nx 1200. (Robinson, DC)
- KENYA VoK 4804, 4915 and 4934 all in at incredible levels during last geomag storm. (Robinson, DC)
- LIBERIA ELWA, 4770, in EG 2250; sermon. ID, sked and s/off 2300. (Leithner, TN 2-5)
- MALAYSIA BBC FE Relay, 15345, in EG 0015+; usual World Service pgms to 0030 when into local pgm on EG lang. (D'Angelo, PA)
- MAURITANIA Nouackchott, in AR 0640. Talks by M and string mx. (Charles George, TX)***Assume free was 4845. tba
- MEXICO R. Mexico Int., 15430, in EG/SP 0100; EG IDs 0100,0133 w/ short EG pgm at latter time. SP mx pgm at 0136. (D'Angelo, PA)

- MONGOLIA Ulan Bator, 4950, in EG 1223; chimes IS, EG ID by M, short anthem, 2d ID as pgm for SEAsia and nx. (Robinson, DC)
- MOZAMBIQUE Maputo, 3338 w/ usual format 0414. Poor and hetted by poss Zanzibar on high side. Also noted on 4855 at 0354 w/ IS, intermittent IDs in various langs including EG. Talks by M&W after 0400. (tba)
- NEW HBRIDES Vila, 7260, in Pidgin 0757; mx to pips on hour, M w/ ID, QTH, and nx. EG nx 0830. FR 0845. (Klein, FL)---Same 0855-1002*. W in FR 0855-0900, local mx like square dance mx w/ AR sounding vocals. This non-stop for an hour w/ applause between songs. FR ID by M 1001, drum IS for 28 seconds and off. (Cartwright, PA)
- PNG Excellent PNG openings on 2-13,14 as reports from Klein and Neumann show. From Klein: 3205 W Sepik 1220 M w/ talks and local mx. 3220 Morobe 1233 w/ C&W mx under UTE. 3260 Madang 1215: the boys doing the chanting sounded like they had one too many fermented coconuts. 3275 S. Highlands 1230 w/ ads for motorcycles lightbulbs etc. Local mx and fading. 3322.5 No. Solomons 1240. M w/ convenient ID, local mx. 3335 E Sepik 1235. Local mx and ment of NBC. 3385 E New Britain 1245; moldy oldies and M anncr. 3905 Manus 1210 under AROs in lang. 3925 NBC // 4890 both crisp and clear. 2428 New Ireland 1215 chanting style mx and hollow drum mx. (Klein, FL) And from Serge Neumann, Morobe 3220 at 1220; New Ireland 2428 1225; E. Highlands 2410 at 1235; Chimbu 2376 w/ uke mx 1230; Northern District 2450 very weak 1240; Western 3305 at 1250; Centarl 3290 1255 fair; Madang 3260 1253 and Manus 3905 struggling underAR0 1257 w/ EG nx 1300. (Neumann, FL)
- PERU R. Atlantida, 4790, in SP *0900; M anncr after NA w/ anncmts and nice local mx. (Klein, FL) ***R. Tropical, 4935, in SP 0504-0510*; "Desde Tarapoto R. Tropical," calls, and orch NA. (Krueger, FL 2-2)---Same 1100 mixed bag of local and latin mx, ID and TC. (Klein, FL)***R. Andina 4996, in SP 1015; also some talks in Indian; nice high Andes mx. (Klein, FL)*** R. Imasi, 5035, in SP *1005-10; NA, ID by M, mention of Tarapoto, local mx. Not yet sure of spelling. (Krueger, FL 2-10)***R. Libertad de Junin, 5040, in SP 0545-0610; rustic tunes, M w/ ID and TCs. Gone 0630 recheck. (Krueger, FL 2-3)***R. Loreto, 5050, in SP 1055; M anncr w/ long talk, ID, calls, ads, local mx. (Klein, FL 2-4)---Same 0610-0655*; SP rock, M w/ IDs and TCs; guitar w/ rooster between songs. Vocal NA and off. Excellent. (Krueger, FL 2-3)***R. Esmeraldas, 5300, in SP 0958-1005; just after s/on w/ ID, huaynos and SP/native lang anncmts. Good. (Krueger, FL 2-10)***R. Cuzco, 6195, in SP 1039-1055; high Andes vocals, M anncr mentioning Peru but no ID so presumed. (Krueger, FL 2-10)
- RWANDA R. Rwanda, 6055, in FR 2117-2203; good w/ non-stop Afr high life mx, ID by M 2200. (Cartwright, PA)
- SPAIN REE, 9675, in SP 2054; IDs, mx. (Leithner, TN)
- SRI LANKA SLBC, 15425, in EG 0045-0132; pop mx, ID 0000, TC, request pgm, and "Back to the Bible." (D'Angelo, PA)
- TAIWAN BCC BED-31, 3230 in CH 1245; often heard w/ lots of talking and little mx. (Neumann, FL)
- THAILAND RT, 4830, in Thai w/ talks 1215. (Robinson, DC)***RT, 9654, 1158-1238; on 2-6 very weak w/ 3 pips, IS; 2-7 fair w/ talk in Vietnamese (L) SEA mx 1235+ then talk by M, IS and more talk. (Cartwright, PA)
- TIBET CH stn 5240 in CH or similar 1057-1101; saw this freq in Victor Jaar's article abt Tibet and found CH speaker weaker than 5170 and 5265 // latter but not former. (Cartwright, PA) *** Did you get ID? tba
- TOGO RTT, 5047, in FR 2255; "Don't Let Me Cross Over", a Jim Reeves classic recently re-released Surprised to hear such from them. M anncr to hourly IS and sonorous talks by M. Remember hearing James Brown on Benin once. (Jim Weber, PA 2-2)
- TRANSKEI Capital R., 7160, first noted tentatively 0438 w/ US rock selections. Heard definitely at 0400 s/on 16 and 17 Feb w/ ID, weather for Southern Africa, and US and SAfr r&r, including "Duke of Earl," "Mellow Yellow," "Please Don't Go," and "On the Radio." DJ in often, but not after every song. Frequent Capital R IDs and many, many TCs. Quite good. (tba)
- TURKEY VoT, 7215 NF, in EG 2237; talk on economy, folk mx. (Leithner, TN)
- USSR Petrozavodsk, 4780, in RS 0503; nx by M&W. (tba)---same 0335-0403; classical mx, pips and ID in RS 0400. (Cartwright, PA)***Baku, 4785, clearly audible under Dar es Salaam 0410. (tba)*** Tyumen, 4895, in RS 0307; seemingly // 4930 w/ light classical mx. Given format, suspect this is a Mayak outlet. (tba)***Tbilisi in RS 0335 on 4930 // Yerevan 4990. (tba)***Kiev HS, 4940, in RS or UK 0445; IS played twice after pgm of RS orch mx. (tba)***Yerevan, 4990, in RS 0326; piano mx w/ nauseatingly cheerful W on top. Wake up exercises? ID by W on half hour, and poss nx by M. (tba)***Arkhangelsk, 5015, in RS 0510; light mx under ute, some orch, some vocal by W. Mayak IS 0530. (tba)***Valdivostok, 5015, in RS 1005; usual HS pgms. (Klein, FL)***Alma Ata, 5035, relaying Tashkent in Urdu 1228. IS, M&W w/ nx. (Robinson, DC)***RM, 6100, in CH 1229; IS, M&W anncr w/ ID and talks. (Klein, FL)
- VIETNAM VoV presumed the one on 4943 in Viet 1320; talks by W, Viet mx 1322. Good but had to leave for work so couldn't ID. (tba)
- YEMEN (S) DYBS Aden, 7190, in AR as early as 2100 2-10; excellent mod but some flutter problem. To 2158*. Rather earlier than usually heard. (Neumann, FL)
- ZAIRE LV Development, 5066.5, in FR/verns *0358; drum IS, ID as LV du Development, FR nx 0430, and into verns talk 0440 after drums break. (Robinson, DC)
- ZANZIBAR RTZ, 3339, nightly above Maputo on 3338; drum IS 0258, ID by W and Koranic chants to 0312 each night heard. ID by W as R. Tanzania, no mention of Zanzibar. More mx and talks. (Robinson, DC)*** Think I'm hearing it w/ Maputo but not sure yet. tba

Best of 73,

Tom

log report section

1600-4899



TERRY KRUEGER

Plenty of interesting info this month, including a new Peruvian on 3285, a new Cameroun outlet on 4000 and some interesting African activity. A QSL from Mauritius-9710 finally arrived here, too.

- 2120H DOMINICAN REP. Radiomar; 0435 SP ballads; 2x1060,p (Moore)
2280 UNID SP romantic ballads 1045, M&W wiped out by static, probably a harmonic (Moore)
- *2370 FALKLAND IS. FIBS; 0102 BBC financial nx, Nx About Britian, Radio Nxrreel, sked, ID, GSTQ (Eastman 1-25 & 2-6) Sunday (local) 0015 to 0036* booming signal 24-hours after major solar flare, BBC coverage of soccer match, so clear could hear player names, team (Livermore) and details of game; cut abruptly 0036 w/ no GSTQ or s/off amnts -- best ever reception! (Robinson 1-27, Henderson 1-27) 0115-0129* EG M British accented, GSTQ 0128, carrier off; tent. (Rankin 1-30) 0101-0130* EG BBC nx, deep fades, no ID hrd; did anybody else hear this night? tent. (Word 1-19) aah, such common DX... TK 0105-0130, Nx About Britian and Radio Nxrreel, ID, s/off w/ ID, "...Good night" into GSTQ (Meyer-PERU) couldn't read Kevin, date looked like 1-19... TK
- 2390 MEXICO R Huayacocotla; 0125 SP vocals, ID (Yajko 1-26)
2400 UNID poss. pirate 0010-0357* w/ oldies mx, EG M DJ/TC in EST. Doubtful a MW harmonic as no commercials hrd (Moore 1-26)
- *2480 BRAZIL R Cl. Rondonopolis; 2345 PT, brief but good f/in, M w/ tlk and definite ID, ment of Rondonopolis, down in mud (Perdue)
- 2490 BRAZIL R Ed. Rural; 0025 PT light instr. mx, M&W, f (Moore 1-22)
2490H USA WEAG-Alcoa, TN; 1102 EG ID, C&W mx, 2x1480 (Moore)
3205 BRAZIL R Riberao Preto; 2355 PT M, ID 0005, g (Radcliff 1-21)
3205 PAPUA NEW GUINEA R West Sepik; 0918, vernac. M, island nx (Uerlings)
3215T SULAWESI RRI-Ujung Pandang; 1220 Bee Gees, IN W, no ID (Radcliff)
3220 ECUADOR HCJB; 0146 Quechua talk, HC mx (Yajko 1-13) 0459 lang rel. singing, TC (3 short, 1 long), silence! Presume HCJB (Moman) 0041 SP, huayno mx, SP/Quechua talk, Quechua ID (Meyer-PERU)
- 3225 SUMATERA RRI-Tanjung Pinang; 1427-1433 warta berita, organ mx, new arrangement of NA by chorus w/ electric organ, ID (Poppin 1-7) 1435 good w/ QRM de 3223, IN amnts, light mx (Willis-AUSTRALIA 2-2)
- *3225A SWAZILAND Swazi R; 0335-0400* EG soul and pops, ads for Omo Detergent, Contac, ID/freqs and app. s/off (Clifford 1-25)
- 3227 LIBERIA ELWA; 0620 vernac., drums and horn, tribal dancing mx (Uerlings) 2207 vernac. talk by M, poor (Yajko)
- 3240 PERU 0256-0310 w/ complete s/off amnt and whole staff (app.) giving their 2¢ worth... however still cookin' 0310 but being cut up badly by TWR w/ tacky Zulu evangelism (Sheedy 1-13) 0030 SP back on after off couple of weeks w/ US pops countdown, ID's (Meyer-PERU)
- 3250 SOUTH AFRICA R Five; 0330-0415 EG, pops, ads, ID (four reporters)
3252 ECUADOR LV del Triunfo; 0420 SP slow vocals, M, ID (Rankin 1-30) 1120 SP ads, ID/TC, HC mx (Klein 2-2)
- *3255T INDIA AIR-Delhi; unknown lang M w/ probable nx (Uerlings 1-22)
3260 ECUADOR LV del Rio Carrizal; 0012 SP, criollo mx, ID (Meyer-PERU)
3260 PAPUA NEW GUINEA R Madang; 1242, PD M, local mx, Rodger Whitacker song, xint (Radcliff 1-26) 0830 talk, ID, instr mx (Meyer-PERU)
- 3260 NIGER Niamey; readable signal 2148 w/ man in FR, European style mx (Henderson 1-25)
- 3264 CONGO RTVC-Brazzaville; socialist diatribe in FR 2135, under RTTY, poor (Henderson 1-25)
- 3265T SUMATRA RRI-Bengkulu; per J. Young's Indo Survey 1536-1600*, W lang song, IN soft spoken M, M parayer chant until 1556, "Love Ambon" and power off (Poppin 1-1)
- 3275 SWAZILAND TWR; 0330-0345* Shangaan per WRTVH, hymns, M with rel talk, fair (Ottaway 2-3)
- 3280 ECUADOR LV del Napo; 1010, Indian M, HC melodies (Klein 1-16) 0100 SP noticias into "Programa para la Juventud", US pops (Meyer)
- 3285 BELIZE RB; 1131 SP M, MoR mx, TC/ID 1141 (Binau 1-21) 0400 EG nx, calypso-type mx (Clifford 1-19)
- *3285 PERU R Oriente, Yurimaguas, Loreto; stronger than any other Peruvian Several ID's, "R Oriente. Desde Yurimaguas, Loreto, Peru en mil cuatrocientos veinte kilociclos y el nuevo tres mil doscientos ochenta"

PERU (cont.) ticinco kilociclos para todo el Peru." "Ecos del Deportes" pgm 0030, "Viva la Noticia" local nx pgm 0145, ads. All mx is LA pop. Bell sound between pgms and before ID's. S/off 0300. S.on varies 0900-1100. Called gov't who confirmed that a R Oriente was on the air w/ 1 kW on 3285. They didn't know address, but I'd assume it was same as MW: Comercio 107, Yurimaguas. 1-30. (Meyer-PERU) different address in WRTVH-80... TK

- 3285 UNID 0352-0400*, SP ballads, echo chamber w/ app. ID into long, LONG unfamiliar NA (Sheedy 1-13)
- 3290 PAPAUA NEW GUINEA R Central; 0840 local mx w/ vocal accompaniment, sev. interruptions w/ tlk by M (Meyer-PERU)
- *3300 BURUNDI LV Rev.; 1-28, best Afro night in 10 years at almost equal level w/ TGNA w/ local mx, pause before 0400 nx and ID by M in presumed Kirundi, many ments of "Bujumbura" and "Burundi"; absolutely amazing! (Robinson) I'll say... TK
- 3300 GUATEMALA TGNC; 0245-0337 SP into EG rel pgming, "Back to the Bible" and "Radio Bible Class" (Sellers, Hensley, Mosier)
- 3306 RHODESIA ZRBC-Gwelo; 0340 EG pops, cigarette ads, f (Sellers) 0355 EG M, pops, TC for 6:00, nx, ID, vg (Uerlings)
- 3315 ECUADOR R Pastaza; 0115 SP, lcl nx, ID, LA EZL mx (Meyer-PERU)
- 3322.5 PAPAUA NEW GUINEA R North Solomons; 1250-1300, PD mx and anmts (Lineback 1-27) 0837 orchestral mx, vocal mx, discussion by W, ID (Meyer-PERU) 1210-1230 PD, oldies, ID, fair; hvy QRN (Crcutt)
- 3325 ECUADOR Ondas Quevedenas; 0020 SP criollo mx, ID by M (Meyer-PERU)
- 3326 NIGERIA FRC-Lagos; 2212, EG entertainer singing, US/Afro pops w/ audience (Yajko) 2140 good w/ pop mx request pgm, ID (Henderson)
- 3330 PERU Ondas del Huallaga; 0118 SP, nat'l nx, ads, TC (Meyer-PERU)
- *3339 ZANZIBAR RT; 0300-0314 Koran chants, Afro mx, SH W ID as "Hii ni sauti ya R Tanzania..." then a ment of Zanzibar. Has app. come back on the air w/ considerably increased power; almost exactly 1 kHz above Mozambique (Robinson 1-28) UNID on 3338.5 0325 M in unknown lang w/ chant, very weak 1-26 under two utes, could be either Mozambique or Zanzibar. If Zanzibar, xmtr probably has been fixed and up to higher power (Henderson)
- 3343T JAVA RDK-Pandeglang; 1516 IN M w/ IN talk (Uerlings 1-22)
- 3345 BORNEO RRI-Pontianak; presumed // 3995 w/ IN M, but usual dawn noise and QRN from Nikolaevsk-3395 prevented anything useful from sneaking in, tsk, tsk 1432-1450 (Sheedy 1-20)
- 3345 MOLUCCAS RRI-Ternate; 1240 IN, EZL mx (Radcliff) 1205 (Klein) 1310-1325 IN, RRI nx // 4845, 4875, 3385 till 1325 (Lineback)
- 3350 GHANA GBC-1 Ejura; 0613 vernac. M w/ tlk or speech (Uerlings)
- 3360 CHINA Beijing; *1300-1310, EIR, time pips, CH M&W (Lineback 1-27)
- 3360 GUATEMALA LV de Nahuuala; *1000 daily now, SP, marimbas (Klein)
- 3360 PAPAUA NEW GUINEA R Milne Bay; 0851 talk by M into drum mx, more tlk and island mx (Meyer-PERU)
- 3365 BRAZIL R Cultura de Araguara; 2330, M in PT, song "Mrs. Jones" and ID, f (Radcliff)
- 3375 ANGOLA R Nacional; 0445 PT W, hilife, ID // 11955 (Krueger 2-2) PT mx and tlk poor, gone by 0450 (Ottawa 2-3)
- 3375 BRAZIL R Cl. de Dourados; presumed 0045 w/ PT M, Brasil pops, ment of Durados, but no full ID hrd yet, g (Krueger) 0210 PT M, soft vocal mx (Uerlings)
- 3375 INDONESIA RRI; probably Medan, but audio is just not punchy enuf to beat noise 1453-1503/1510 IN, usual RRI fare, rel sounding svc (Quran reading, interpretations), ME sounding vocals (Sheedy)
- 3380 ECUADOR R Iris; 0200 SP ID, pop mx, f (J. Jones 1-20) 0140-0352 (Meyer-PERU, Sheedy) 1025 odd reception for mid-summer w/ SP anmts and mx (Willis-AUSTRALIA 12-26)
- 3380 GUATEMALA R Chortis; 1141 SP, folk mx, ID 1200 (Gliksman)
- 3385 FRENCH GUIANA FR3; 0915 FR, EG/FR pops (Klein) 0015 pops (Binau)
- 3385 INDONESIA RRI; Kupang or Pangkalpinang, RRI nx // others 1310-1325, separate mx pgm (Lineback 1-26) Timor if Kupang; is the other active now, anyone... TK
- 3385 NEW BRITAIN RENB; 0855-1300, PD, local/rock, M ID, ads, nx, TC and interviews (4 reporters)
- 3390 ECUADOR R Zaracay; 0038/0942+ SP, rock and local mx, M ID/TC, nx on school-building, raise in bus fares (5 reporters)
- 3395 SUMATRA RRI-Tanjung Karang; IN, piano, chorus, then trumpets, M talk on PA system, M ID, berita (nx) ment 1434-1438 (Poppin) Thanks for giving me highly detailed reports, George... TK
- 3396 ZIMBABWE-RHODESIA ZRBC; 0350, EG, church bells, rel pgm, nx, ID and pop mx (Witte 1-4) My apologies to Muzorewa/Nkomo for forgetting the "Zimbabwe" part on the above 3306 log... TK
- 3396 NIGERIA FRC-Kaduna; 0605-0616 EG nx // 3326, ID, discussion pgm. First clear log in over a year (Krueger 2-16)

- 3424.7 NEPAL RN; 1235 tent. in lang, M, flute-like IS 1250 into nx, poss. ID by W (Lineback) 1435-1520 EG, ID, W hosting lcl mx pgm, nx by M, cntry by W, f (Orcutt, Uerlings 1-22)
- 3425 UNID string mx, tlk by M&W, big sig but local noise messed things up badly. 99.99% sure lang is PT (Radcliff 1-16 & 17) time?... TK
- 3434T SULAWESI RKPDT2-Kendari; 1506 IN M talk (Uerlings 1-22)
- 3481 PERU R Padilla; 0146 SP, criollo mx, greetings (Meyer-PERU)
- 3552 PERU R Dif. la Convencion; 0046, SP, EZL mx, ID 0100 (Meyer-PERU)
- 3910 JAPAN FRN-Tokyo; 0812-1433 JP/EG, pops, ID, PSA (3 reporters)
- *3930.6M SAO VICENTE Capa Verde; the one here 2325 w/ nice PT mx, vocal by W, good level w/ AROs on 1-26 (Henderson)
- 3985 ECUADOR Esc. Radiofonicas; 0121 SP/Quechua (Meyer-PERU) 1050 SP Ecuadorian mx, full ID by M 1100, slight CW QRM (Orcutt)
- 3985 SWITZERLAND SRI-Beromunster; 0626-0730, FR/IT, EG 0715 (4 reporters)
- 3999T GREENLAND Gronlands R; 2129 t/in w/ rock mx, talks in native indian dialects. Signal peaked 2200, then faded, ARO QRM 2230 (Lobdell 2-3)
- *4000 CAMEROON unid new outlet, maybe Bafoussam or Yaounde, 2302* w/ NA, again 0500 local pgm in FR, joined Nat'l EG nx 0528 and net ID // 5010, back to Afro pops from 0540. On 1-13, on past 0000 // all others for FR political coverage. Fair-good (Krueger)
- *4000 CHINA unid 1300 TS, CH talk and mx; always // 3970, but weaker signal (Behr 1-5)
- 4030 ASIATIC SSR Anadyr Chukchi; new region, RS, Mayak 1310; slow tempo vocals, RM chime, W w/ TC, tlk on "Soo-Bot-Nee-Kee" (Saturday workers) into 1332 (Poppin 1-22)
- *4035 TIBET Xizang; W talk 1456 in unusual CH dialect, poss Tibet lang? EIR chime, W, oriental string mx, het ARO (Poppin 1-7)
- 4045T CHINA unid, 1300 CH pgm and Western type mx to 1430, f/out, What site? (Behr 1-5)
- 4050 KIRGHIZ SSR Frunze; 0515 RS usual HS pgm, tnx Krueger. WRTWH says Frunze, Jan. LR-A says Yuzhno-Sakhalinsk -- which? (Klein) Yuzhno always in USB I am told... TK
- 4500 AUSTRALIA VNG; 1110 time pips (Moore)
- 4520 ASIATIC SSR Palana (Kamchatka Peg.); RS 0655-0720, power on 0700; sounds like electric xylophone chime high pitched, W ments "Palana R" and orch mx, talk on collectives (Poppin 2-3) 0703 (D.W. Johnson)
- 4520 ASIATIC SSR Tyumen; 0251-0317, TBS lists "Khanty-Mansiysk" Tyumen Reg. but my ID was "Tyumen", RS, waltz, Moscow TC, bulletins, ID at 0259, "Gah-vah-reet Tyou-meen", TC, not bad reception (Poppin 2-3)
- 4635 TADZHIK SSR Dushanbe; 0150-0223, RS, M, TC, ID (Poppin 1-10)
- *4656T LAOS Houa Phan; 1420 M&W in lang, slow tempo chant singing w/ soft mx accompaniment, lost in QRN and CW 1425 1-22; on 1-24 1413, W, chant w/echo hollow effect, "Mahnma" part of ID hrd, silence, 1427 power off (Poppin)
- 4680 ECUADOR R Nac. Espejo; 0400/0800+ SP, local/pops, ID (6 reporters)
- 4696 BOLIVIA R Riberalta; 0037, SP M ID, messages (Meyer-PERU)
- 4719 CELEBES RRI-Ujung Pandang; 1230 IN, pops IN mx, ID, g (Orcutt)
- 4725 BURMA BBS; 1344 M tik, flutes, nx "Meen-ma" part of ID (Poppin)
- 4740 BOLIVIA R Mamore; 0044, SP, ID as "Su em. amiga, R Mamore", LA pop mx, ads and want ads (Meyer-PERU 1-19)
- 4750 CAMEROON R Bertoua; 0540 FR/langs, ID, nx, local mx (Uerlings, Klein) 2151 EG/FR ID, EG nx, hilife mx (Moore)
- 4753 BOLIVIA R Em. Bolivia; 0055, SP, old LA pops (Meyer-PERU)
- 4753 CELEBES RRI-Ujung Pandang; 2154-2219, IN, mx, talk by M in deep voice, call to D. Henderson confirmed (Valko 1-27) 1335 measured 4752.7, IN vocals (Lineback)
- *4754 MALDIVES RM; 1259-1332 lang, mx, W and poss ID as "Mee Radio" by W. Modern mx, maybe pop. On 2-15 hrd IS #1158, g (Johnson-KY 2-5) Others beware of RRI nearby this time... TK
- 4755 BRAZIL R Dif Maranhao; 0630, PT, pops, ads, ID (Alexander)
- 4764V SUMATRA RRI-Medan; 1142-1501, IN, nx, ID, pops (Cartwright, Poppin)
- 4766V ECUADOR GRE; 1115/0100 ID by SP M, nx, HC/pop mx (4 reporters)
- 4770 LIBERIA ELWA; *0556/2200, EG/langs, IS, rel pgming (6 reporters)
- 4770 VEZUELA R Bolivar; 0045+ in SP, ID, ads, pops (4 reporters)
- 4775T AFGHANI SSR Kabul; 0203-0222; lang M ment "Afghan" and slow subcont W mx, guitar-like mx, poems, M into 0221, check 0226 zero audio power still on (Poppin 1-10)
- 4775 COLOMBIA Em. Kennedy; 0200, SP ID, ads (Whitehead-COLOMBIA 1-14)
- 4777 GABON RTVG; 2255 FR M, hilife (Alexander) 0545 FR M, mx (Klein)
- 4780V HONDURAS R Juticalpa; 1128-1205; lcl mx, SP ID, ads (Sheedy, Orcutt)
- 4780 KARELEAN SSR Petrozavodsk 0335-0625 RS, nx, mx // 5065 (Cartwright, D.W. Johnson)
- 4780NF SINGAPORE RS; 1100-1516 about 3 weeks here (ex-5010), EG, ID, rock, TC, nx. Seems to have vacated the channel early Feb. (Willis-AUSTR LIA, Poppin)

- 4780 VENEZUELA LV de Carabobo; 1015/0210, SP, pops, ID (4 reporters)
 4785 AZERBAIJAN SSR Baku; 0305-0500 RS/Azerbaijan, folk and percussion
 mx, het from Tanzania (Klein, Jordan)
- 4785 COLOMBIA Ecos del Comblenna; 0855-0905 SP, local mx w/ vocals along
 w/ stringed and percussion instrs, full ID 0900, g (Jordan)
- 4785 TANZANIA RT; 0330-0402, SH M, native mx, ID 0400, organ and bells,
 ment of Zimbabwe, nx (Perdue, Witte, Lev, Lineback, Cunningham)
- 4790T ECUADOR Sistema de Em. Atalaya; 0236, M vocal w/ singers, 0236* SP M
 ment "Sistema de Atalaya", sounded like "Ataleeya" (Poppin)
- 4790 PERU R Atlantida; 0915/0255+ SP, local/pops, ID by M (4 reporters)
 4790 SWAZILAND TWR; *0256 IS, ID in EG/langs, rel pgming in vernacs,
 GM or Afrikaans/EG ID 0400 (7 reporters)
- *4794T SURINAM R Apintie; presumed DT 0325 by M, poss ID, few bars of drum
 mx in marching band style, NA in static; weak, p (Jordan 1-14)
 0920 DT, subcont mx, M ID/TC; weak but readable (Klein 1-14)
- 4795 BRAZIL R Tabajara; 0815; PT talk, ID (Klein)
 4795 ECUADOR LV de los Caras; 2338-0240, SP EZL/local mx, ads, ID by M,
 nx by M (Eckman, Perdue, Whitehead-COLCMBIA, Moore)
- *4800 INDIA AIR-Hyderabad; 1547, EG M, nx or cmtry (Uerlings 1-27)
 4801 ECUADOR R Popular; 0805/0020+ SP, TC/ID, pops, folkloric
 music, messages, two minutes ahead of time (5 reporters)
- 4805 BRAZIL R Itatiaia; 0038, PT, local pops (D.W. Johnson)
 4807 SAC TOME R Dif. Nac.; *0545 NA, PT M ID/s/on, mx, weak (Klein)
 4810 ARMENIAN SSR Yerevan; 0505 RS M&W, HS nx pgm, f (Klein)
 4810 GALAPAGOS LV de Galapagos; 0033-0400, SP, disco, EZL mx, s/off
 with long NA (Witte, Meyer-PERU, Moman, D.W. Johnson)
- 4815 BRAZIL R Dif. Londrina; 0030, PT clear ID by M, local EZL vocal
 mx, commercials, fair w/ het and QRM (D.W. Johnson 1-5)
- 4820 ANGOLA R Nacional; 2205 PT nx, ID 2210 (Yajko 1-27)
 4820 ECUADOR R Dif. Paz y Bien; *0925 EZL mx to M SP s/on ID and anmt,
 Instr NA (Klein) 0042 (Meyer-PERU) 0900+ good. Also of interest
 were 4871, 4790 (1100 s/on) and 4767 (Willis-AUSTRALIA)
- 4820 HONDURAS HRVC; 0300-0457 EG rel pgming, ID (6 reporters)
 *4820T INDIA AIR-Calcutta; 1510-1547 M talk in lang, W subcont mx, M nx
 and W EG nx 1545+, lang M (Poppin 1-7) 1545 lang, flutes, ID 1600
 (D.W. Johnson) 1553 lang W, sitar and chanting (Uerlings)
- 4825 GUATEMALA R Mam; 0130-0251, SP, xylophones and orchestra mx,
 pianos, ID, messages, nx (Gliksmann, Cunningham, Thompson, Klein)
 4825 PERU LV de la Selva; 0050 SP M, LA pops, ID, "Canciones de Recuerdo"
 pgm, LA EZL mx (Meyer-PERU)
- 4825 TURKMEN SSR Ashkhabad; *2100, presumed Ashkhabad IS into RS 2101
 followed by clsc1 mx, fairly good (Braga) 2200 (Henderson)
- *4828 IRIAN JAYA new Indo believed this turned up here, running from 0900
 to 1400. It is fairly good in strench, and is RRI. No ID though.
 (Willis-AUSTRALIA 2-1)
- 4830V THAILAND RT; 1522-1600 M in presumed Thai, 6 short pips and one
 long 1600, nx, ID "Rah-dio Tai" (Sheedy, Poppin)
- 4832 COSTA RICA R Relejo; 0523-1130, SP, pops, ID by M (Johns-TN, Marker)
 4835 BRAZIL R Nac. Boa Vista; *0910, PT M, echo effect, ID, vg (Klein)
 4835 GUATEMALA R Tezulutlan; 2345-0230, SP ID, marimbas, poss lang les-
 son, TC (Ponder, J. Jones, George, Klein)
- *4839T ZAIRE Bukavu; an old friend back after years of absence w/ FR tlc
 and vocals after 0400. Carrier about same level as Pt. Noire-4843
 same time. This only tent as no ID hrd (Robinson 1-28)
- 4840 PERU R Andahuayas; 2350 SP, huayno mx, Quechua/SP ID (Meyer-PERU)
 4840 VENEZUELA R Valera; 1007 SP ID, TC, LA mx, ads (Crcutt)
 4843 CONGO RTVC-Pointe Noire; 0440 FR ann, RTVC ID, lcl mx, f (Klein)
 4845 BOLIVIA R Fides; 0000, SP ID as "En transmission R Fides, La Paz,
 Bolivia" local nx, talk on anniv. of R Fides (Meyer-PERU 1-22)
- 4845 BOTSWANA RB; 0346-0405 EG/ Setswana, barnyard IS, bells, NA 0358,
 EG W ID (McClellan, Crcutt)
- 4845 COLOMBIA 0120-0403*, SP, disco, s/off anmts, NA (3 reporters)
 4845 MAURITANIA Rdf. Nationale; 2140-2200, AR wailing (Braga, Yajko)
 4845.2 MOLUCCAS RRI-Ambon; 1335-1345 IN, vocals (Lineback 1-26)
 4850 CAMEROON Yaounde; 0520/2300*, FR/EG nx, Afro pops and hlife mx,
 ID, gospel of St. John Chpt. 13, TC (8 reporters)
- 4850T INDIA AIR-Kohima; 1530 lang W, oriental singing but not right sound
 for China and much weaker (Uerlings 1-22)
- 4850 ECUADOR R Luz y Vida; 0150-0200 SP M, EZL mx, nx (Jordan)
 4850 SURINAM SRS; 0950/0400 DT/Hindi, exotic chant/vocals, pops, M DT
 DJ ID, GE air conditioner ad (Klein, D'Angelo, Reynolds, Gregory,
 Moman, Jordan)
- 4853 YEMEN, N. R Sana'a; 0520-0533 AR two M in conversational-like dis-
 cussion, M anmt and W ID 0530 (Jordan 1-25)
- 4885 BRAZIL R Cl. de Para; 0735 PT M talk, ads, local vocal pop mx,
 ment of Belem (D.W. Johnson)

- 4855 COLOMBIA R Nieva; 0130 SP, two exited M w/ play-by-play futbol, also ment of "Nieva" and R Colosal, ID, freqs, f (Jordan 1-14)
- 4860 PERU R Chinchaycocha; 0010 SP, LA EZL mx, message on funeral listing survivors, more mx, ID, ments of "Junin" (Meyer-PERU) 1035 SP giving a good (albeit hetty) sig, usual lcl mx pgm (Klein)
- 4865 COLOMBIA LV del Cinaruco; 0430, SP, LA mx, ID, TC, ads, g-f, (Posporelis, Greenwood)
- 4870 BENIN LV de la Rev.; 2018/0500+ FR M, talk on revolution, Afro Hille vocals, drums, ID, nx, lousy cmtry (6 reporters)
- 4870 ECUADOR R Rio Amazonas; 1033-1105 long NA, SP, primitive sounding mx, maybe lang. lesson 1036 (J. Jones, Moore) 0011 (Meyer-PERU)
- 4875 COLOMBIA R Super Medellin; 0430-0637 SP, pops, ID (4 reporters)
- 4875 WEST IRLAN RRI-Sorong; 1335-1345, IN vocals (Lineback 1-26)
- 4880 VENEZUELA R Universo; 2345-0340 SP, US pop/disco ID (5 reporters)
- 4883 CHINA R Peking; *1200 IS, CH M&W ID, IS/ID repeated to xmsn, f (Klein)
- 4885 COLOMBIA Ondas del Meta; *1007 NA, short ID (no calls, freq), mx (J. Jones) 0440-0459* ID/TC, NA (Jordan, Clifford)
- 4885 PERU R Huancavelica; 0020, SP talk on recent futbol game, many ments of "Huancavelica" (Meyer-PERU) 0440-0455 SP M vocalist, up-tempo song, group vocals followed by a surprisingly clear ID 0445; LAM pop mx, f (Jordan 1-25)
- 4890 ECUADOR R Centinela del Sur; 0025 SP, beautiful criollo mx, ads and several ID's on the half-hr (Meyer-PERU)
- 4890 HONDURAS R Lux; 0232-0300 SP, ID sounds like "R Looks" plus lots of Honduras es musica romantica popular plugs (Clifford)
- 4890 PAPUA NEW GUINEA NBC-Pt. Moresby; 0810-1400* usual EG nx, ID's, ads, pop mx (8 reporters)
- 4890 SENEGAL Rdf du Senegal; 2231 fair in FR (Weber 2-7) 0725-0740 FR M w/ talk, hrd ment of Dakar, Senegal, Gabon and Mali (Jordan 1-13)
- 4895 BRAZIL R Bare; 0805 PT EZL vocals, instr local mx, no ID's to well past 0900. Fair-weak w/ CW QRM (D.W. Johnson)

44N-73,
Terry

And one more from Terry....

3299.0 UNID Andean 1055-1120 f/out Sun., 2-10 w/TGNA off (per Klein, TGNA *1230 Sun. only). "Yip-yip" vocals, garbled K in SP 1100 and TC that fit Peru/Ecuador into live Catholic mass complete w/baby crying. Suspect LV de Santuario, Ecuador. Fair-good. (Krueger).

FOR SALE: Realistic DX-300. A few months old. No MHz dial problems. Price \$350 or best offer. Steve Schaub, 2277 Oak Hill Drive, Lisle, IL 60532. Phone (312) 964-3882, 2100-0100 GMT. No collect calls, please.

ASSISTANCE WANTED: Does anyone know where miniature vernier drives with 1:3 or so gear reduction are available? Shawn A. Sabo, HHD, 8th Maintenance Battalion, APO New York, 09165.

FOR SALE: New DX-160 in excellent condition with speaker. Price \$100 postage paid UPS. Reason for selling, I'm buying a FRG-7000. Melvin L. Flannagan, Jr., 313 5th Street S.W., Charlottesville, VA 22901.

WANTED: Hallicrafters SX-133 receiver and/or Hallicrafters Model R-50 speaker. State price and condition. John Garcia, RR #1, Csoyoos, B.C., CANADA V0R 1V0.

FOR SALE: DX-160 in mint condition. Excellent calibration. Price \$100. Gilfer C-10 Calibrator in mint condition. Price \$40. Prices include shipping. Michael J. Youndt, College Station, P.O. Box 573, Easton, PA 18042.

WANTED: I am looking for Reception Report forms in the Chinese, Arabic, and German languages. The CH and AR form letters used to be available through NASWA HQ but are no longer extant. If you can help, please contact James.C. Clifford, HHB 6th Bn 10th FA, APO New York 09170.

log report

section

4900-6199

B

STEVEN WISEBLOOD

- 4905 CHINA RP1 Nanning (Guangxi Prov.): 2230-2247 tlb by M&W in CH, Very Strong! (Dunlop).
- 4905 BRAZIL R. Helogio Federal: 0015 long tlb by M in PT. Fair (Klein-FL).
- 4910 GUINEA Rdf Nat: 2210 Afro mx, FR tlb, no ID (Yajko 1/27). 2227 M ancr in FR, followed by Afro mx w/tribal like chants (Weber-PA 2/7).
- 4915 CHINA Nanning (Guangxi Prov.): 1335-1400 EG lesson, exercises 4 through 11 (Orcutt 1/22).
- 4915 GHANA Accra1: 2225-2302 M ancr in vernacularsM religious sermon with organ & choir mx, brief EG nx by W @ 2245 (Alexander, Yajko, Weber-PA). *0530-0635 M ancr in EG w/lcl mx pgm, EG nx @ 0600, into vernaculars after 0615 (DW Johnson, Moman, Klein-FL, Loh).
- 4915 KENYA VOK: *0258-0500+ drum&flute IS, M in SH w/amnts, lcl nx //4934, East African Highlife mx, ads, ID's, many mentions of "Daniel Arap Moi" (Johnson-KY, Perdue, Klein, Robinson, Krueger-FL). Krueger reported it as a tentative, but Robinson says Kenya was booming in w/60dB o/s-9 sigs & says that 1/28 was by far the best East African night ever! Dan heard 3339 Zanzibar with equally good sigs 0300-0315! Amazing-ScW
- 4920 HONDURAS R. Progreso: 0205-0305* vocal romantic ballads, guitar mx, tlb by M&W in SPM ID's, orchestral mx, abruptly off at 0305, xmtr problems? (Jordan, Thompson-NM).
- 4920 ECUADOR R. Quito: 0204-0304 ID's, call letters, SP amnts & ads, Lam mx (Eckman, Jones-MS).
- 4920 AUSTRALIA ABC-Brisbane: 0900-1240 EG nx, ID, Clscl mx (McClellan-MI, Binau, Lev 1/27).
- 4920 INDIA AIR-Madras: 1558 W in lang w/oriental-type chanting u/Yakutsk(Uerlings-OR 1/27)
- 4924.8 EQUATORIAL GUINEA Rio Muni: 2128-2130 M&W w/tlk in SP, ID's, lite pop mx(Yajko, D Moore).
- *0430 NA, SP nx & tlb, EZ listening mx, Afro-type mx. Vy. Good (George-TX, Wiseblood-CA).
- 4925 CHINA Haerbin (Heilongjiang Prov.): 1335-1354 duet by M&W in EG "As We Forward March", oriental mx. Poor (Dunlop 1/13). 1335-1354 duet by M&W in EG "As We Forward March", flute & stringed orchestral mx, operatic singers, Very entertaining! Exc (Poppin 1/21).
- 4925.7 BRAZIL R. Taubate: 0005-0148 tlb by M in PT, ID, US pop mx, jingles (Perdue, Wiseblood-CA)
- 4930 TURKLEN SSR Ashkhabad: 0040-0100+ Nonstop tlb by 2-M in RS, orchestral mx, Mayak IS @ 0100 & time pips (Perdue). Tbilisi not sked to S/on until *0200 -ScW
- 4932 NIGERIA Benin: *0430-0448 W vocalist w/religious hymns, possible sermon by M in EG, Fair on a great night for West Africans! (Wiseblood-CA 2/17).
- 4934 KENYA VOK: 0257-0410 IS (flute), chorus antem, time pips, tlb in SH, guitar & string mx, prayer chants, wish we knew for sure if this is Mombasas (Robinson,Poppin,Lineback)
- 4935.8 PERU R. Tropical: 0138-0148 SP amnts, US pop mx, Lam mx, high-Andes lcl mx, noted with a good signal here the past few nights, undoubtedly back to full power now (wiseblood 2/17)
- 1102 M ancr in SP w/ID following each selection of nice Peruvian mx (Klein 2/1).
- 4939 ECUADOR Rdf Nacional: 0350-0357* Lam mx, ID's, ntwk promo's, NA (Jordan 1/13).
- 4940 IVORY COAST RTVI-Abidjan: 2205-2230 M&W w/tlk in FR, nx headlines, Afro mx, cmntry, guitar mx, ID as "Ici Abidjan". Fair-Good (Klein-FL 1/3, Yajko 1/12, Weber-PA 2/7).
- 4940 YAKUT SSR Yakutsk: 1500-1510 C&W type guitar mx, songs by Leonard Cohen, M ancr in RS, Clscl mx, 6-quick time pips @ 1500, W ancr w/ID mentioning Yakutsk (Sheedy-CA 1/19).
- 4940 VENEZUELA R. Yaracuy: 2319-0405* Lam mx, many ID's, ballads, NA (5 reporters).
- 4943.7 VIENTNAM Hanoi-HS1: 1235 M in VT w/tlk, mention of Vietnam & Hanoi (Bovek).
- 4950 SARAWAK K. Malaysia: 1330-1400 M&W in CH w/tlk, instrumental mx, ID (Thompson-NM 1/21).
- 4950 MONGOLIA RUB: 1136 deep-voiced cmntry by M in possible MG, brief instr. mx (D Moore).
- 4955 INDONESIA RRI Banda Aceh: This stn has turned up here again at a rather poor level, thanks to utility interference. Usually heard with nx from 1000-1200+ (Willis-AUS 1/19).
- 4958 AZERBAIJAN SSR Baku: 2149 better than //4990 w/RS amnt for Moscow pgm (Henderson 1/27).
- 4960 ECUADOR R. Federacion: 0010-0259* M ancr in SP, Ecuadorian ballads, ID (Perdue, Klein).
- 4965 COLOMBIA R. Sta. Fe: 0100-0950 ID's, M ancr in SP w/TC, Lam mx (D Moore, Yajko, Klein).
- 4968 SRI LANKA SLBC: 1559 Poor w/in audible talk & subcontinental type mx (Uerlings-OR 1/27).
- 4970 VENEZUELA R. Rumbos: 0030-0409 Typical YV mx, SP nx w/reports from correspondants, ID's, TC's, ads. Very Good (Earhart-TY 1/17, Dunlop 1/18, Ponder 1/31).
- 4970 UNID Light instrumental mx from 1145-1200, 5-time pips on the hour, nx by M&W in lang. Faded by 1210. Might be Sabah, or Urumqi-China if //5060 (Lobdell-MA). The WKTH-80 says the Urumqi-China stn broadcasts in Kazakh, a central-Asian lang -ScW
- 4975 COLOMBIA Ondas del Ortegaaza: 1050-1055 M ancr in SP, ID, TC, ads, HJ pops (Klein,Krueger)
- 4975 CHINA A high-power HS outlet has turned up here w/EG lessons @ 1355. Exc (Willis-AUS 2/1)
- 4980 VENEZUELA Ecos del Torbes: 2330-0640 Lam mx, SP tlks, nx, futbol match (11 reporters!)
- 4980 UNID A station is being heard here from 1400 onwards with African style mx & Hindi amnts, a parallel of 6155 was found at 1415. Not Swazi Com Radio, maybe Bangladesh (Willis 2/2).
- 4985 BRAZIL R. Brasil Central: 0322-0701 Brasilian mx, ID's, PT amnts, echo promo's, MoR & EZ listening vocal mx (Alexander 1/13, Ottaviano-CO 2/3, Poppin-CA 1/20, Moman 1/13).
- 4990 ARMENIAN SSR Yerevan: 0505 W ancr w/nx in RS, about equal w/Lagos (Klein-FL 1/4).
- 4990 NIGERIA FRC: 2025-2127 EG cmntry, ID (D Moore, Braga). 0521-0531 EG tlb, vocal mx(Poppin)
- 4995 MONGOLIA RUB: This & 4850 heard w/ S/on @ 0900 in MG, 4080 might be back (willis-AUS 1/20)

- 5000 SOUTH AFRICA ZUC: 2255-0330 CW ID's clearly audible u/wVW (Rankin-KS, Henderson 1/27).
- 5000 ENGLAND MSP: 0600 time ticks & CW ID's every 10 minutes, Fair w/WVW QRM (Johnston-KY).
- 5004.3 EQUATORIAL GUINEA Rio Muni: 2155 NA, perfect signal on 1/25, 1/26 & 1/27, there doesn't appear to be any rationale behind their selection of 4926/5005 scheduling!(Henderson).
0510-0612 M ancr in SP w/"LV del Rio Muni" ID, contemporary SP & Afro mx (5 reporters).
- 5010 CAMEROON R. Garoua: 2128-2158 Afro mx, tlk by M in FR, possible tlk in AR @ 2158, NA & S/off. Fair but noisy signal (Yajko, Braga). 0444-0541 IS, M w/prayer chant, M&W in FR w/tlk, W w/tlk in vernaculare. Poor-Good (Klein-FL, Uerlings-OR, Poppin-CA).
- 5010 SINGAPORE RS: 2257 beautiful lite mx, EG arnmts, played "Back Home in Indiana", nice clear signal (Henderson 1/27). 1526-1531 //5052 w/EG arnmts, MoR vocals, nx (Poppin-CA).
- 5010 COLOMBIA R. Surcolombiana: 1014 ID by sexy-voiced W, Colombian vocal mx. Good (Lobdell).
M ancr in SP w/stn promos, ballads, cumbias, ID&TC @ 1550 (Whitehead-Bogotá 1/16).
- 5015 ASIATIC RFSFR Vladivostok: 1154 W ancr i_n RS, piano mx, TC and nx @ 1200 by M(Eckman).
- 5020 NIGER ORTN: *0528-0620 NA, brief flute mx, S/on arnmts in FR, G'uranic chanting, M ancr w/nx in FR @ 0600 following time pips, Afro pop & disco style mx, //3260 (5 reporters).
- 5020 SOLOMON ISLANDS SIEG: 0742-1040 M in pidgin w/nx, EZ listening vocal mx, ads, ID's, "Halls of Montezuma" sung by chorus. Fair-Good (Klein-FL 1/13, DW Johnson, Lattemann).
- 5025 BRAZIL R. Boborema: 0140-0240 excited M ancrs in PT w/sports event, Brazilian pop mx, ID (Wiseblood-CA, Alexander). 0820 F&A, ads, pop mx, M ancr in PT w/ID, TC (Klein-FL).
- 5030 VENEZUELA R. Reloj Continente: 0135-0500* 2-M in SP w/nx, chimes between stories, Lam mx, guitar ballads, vocals, orchestral mx, NA @ S/off (Thompson-IM, Ponder, Earhart, Loh).
1020 ID as "R. Reloj Continente", Noti-Rumbos nx w/chimes, TC. Vy Good (Klein-FL 1/21).
- 5035 BRAZIL R. Aparecida: 0005-0135 lite MoR/EZ listening mx, M ancr in PT w/full ID, calls, a few ads, stn promos, Vy. Good-Exc (Klein-FL 1/3, Wiseblood-CA 2/18).
- 5035t KAZAKH SSR Alma Ata: W in Asiatic lang. 1512, orchestral mx, unusual exotic string mx, rolling snare drums and tambourine, flute electronic chime @ 1530. F-G (Poppin-CA 1/1).
- 5035nf*PERU R. Imasi: *1007 NA, yipping Peruvian mx, located in Tarapoto in the San Martin province. Possible call is OCX9A. SP tlk, ads, Lam mx. First heard 1/18, ID'ed 2/4. Not "Agauri" as erroneously assumed by the LR-B editor in the Feb.80 Friends (Klein-FL 2/4).
Sorry, Stu, actually "Agauri", as you may have already guessed, was actually a misspelled "Ayaviri". The other two reports for Ayaviri should have been listed as tentative unless an ID was heard. With two, and possibly more Peruvians on this fgy, please listen for an ID! By the way, a post card recently received from Maxfield Greenwood indicates that he heard the Tarapoto station, presumably R. Imasi, from 1045-1115 w/ID's, QTH & Peruvia mx. This station, of course, is not listed in the WRTH-80. Sorry for the confusion-Scw
- 5039 SUDAN R. Omdurman: 0425-0432 AR flavoured mx, time pips & ID @ 0430, AR nx (Robinson 1/2)
- 5040 GUINEA-BISSAU Rdf Nacional: *0558-0700 Drum IS, NA, Afro & Clsl mx, brief tlk by M in PT, ID by W as in WRTH-80. Good (Cartwright-PA, Valko, Krueger-FL).
- 5040 CENTRAL AFRICAN REPUBLIC Bangui: 0730 drums on half-hour, ID by M in FR. F (Klein 1/18)
- 5040 BURMA BBS-Rangoon: 1550 ID by M, gong on the hour, Clsl mx (Uerlings-OR 1/12).
- 5040 COLOMBIA R. Cincio: 2250 ad string, cumbias, Colombian pop mx (Whitehead-Bogotá 1/16).
- 5040 VENEZUELA R. Maturin: 0233-0358 M ancr in SP, ID, ads, upbeat Lam mx, echoed stn promos TC, jingles, ballads (Earhart-PA, Perdue, Wiseblood-CA 2/9). *0905 NA, lcl anthem, fanfare, M ancr in SP w/ID, QTH, calls, etc.. Good (Klein-FL 2/2).
- 5045 BRAZIL R. Cult do Para-Belem: 0120-0428 crowd sounds, excited M ancr in PT, M vocalist accompanied by what sounded like people beating on pots and pans. Perhaps halftime at a "futbal" game? PT ads, Brazilian upbeat pop mx, ID by M. P-F w/het (DW Johnson, Wiseblood)
- 5046.6 TOGO RT-Lome: 2128 Afro, rock & disco mx (Bauernhuber). *0525-0628 tlk by M i_n FR, 6 note IS, Afro mx. P-F w/het (Lattemann, Valko, DW Johnson).
- 5050 PERU R. Loreto: 2300-2330 "Inca-Cola" ad, ID, disco & pop mx. No sign of LV de Yopal here in COLOMBIA (Whitehead-Bogotá 1/16). 1057 lcl & Lam mx, M ancr in SP w/TC (Klein).
- 5052 SINGAPORE RS: 1527 EG nx @ 1530, TC. Fair (Moman). Excellent here @ 1330 (Wiseblood).
- 5055 COSTA RICA TIPC: 0305-0400* EG Bible study pgm. "Songs in the Night", S/off arnmts in SP @ 0255, gospel vocal & organ mx (Loh, Crcutt, DW Johnson, Bauernhuber). 1100-1115 M vocalist, tlk by M&W in SP, theme from "Exodus", SP vocals. F-G (Jordan 1/13)
- 5055 SWAZILAND TWR: *0355-0420 ID in EG, GM religious pgm (Loh 1/25).
- 5057 ALBANIA R. Gjirrokaster: 0415-0420 nx in Albanian, review of Carter's speech (Lineback).
- 5058t SAUDI ARABIA? Arabic or Armenian sounding mx past 2210, beautiful level (Henderson 1/27).
- 5060.7 ECUADOR Sistema de Emisoras Progreso: 0240-0415 Andean vocals, M ancr in SP, Lam pops, ID (Radcliff-IL, Lineback, Alexander). *1012-1025 brassy Hi-Andes mx, Lam folk mx, SP arnmts and ID, TC. Vy G-Exc (Klein-FL 1/19, Cunningham 1/12, Orcutt 1/29).
- 5065 KARELIAN SSR Petrozavodsk: 0500-0612 RS tlk, 1st pgm nx @ 0500. P-F(Word, Wiseblood 2/)
- 5066***ZAIRE Voice of Education and Development: Heard from 0430 w/M in FR giving nx, drum beats @ 0440, then more tlk by M. Into Vernaculare tlk by M (Robinson 1/28). FBI -Scw
- 5075 CHINA R. Peking: 2225 CH mx, fair u/UTE following a major solar flare @ 1100 (Henderson)
- 5075 COLOMBIA R. Sutatenza: 0223-0300 tlk by M in SP, Lam mx, ads, ID's (Davenport, Alexandre).
0910 M ancr in SP w/wld nx, lcl nx, cmntry and "Your Favorite Music" VG-Exc (Klein-FL 2)
- 5095 COLOMBIA R. Sutatenza: 0330 toe-tapping rhythmic vocals w/QRM (Grishin 1/27).
- 5100**ANGOLA Emissora Regional de Mocamedes: beautiful, Afro & Euro mx from 2228-2255 (Hender)
- 5240 CHINA FPBS1: 1007-1426 Long cmntry in CH //5265 (Mosier, Cartwright-PA). Tibet on 526
- 5265 CHINA FPBS1: 1200 CH speeches, orchestral mx, ID (Bovek 2/4).
- 5300 UNID Possibly Esmeraldas, PERU w/M ancr in possible Indian lang, flute mx (Krueger 1/2)

- 5770 CHINA FPBS2: 0945-1000 tlk by M&W in CH, oriental mx. Martial mx. P (Jordan 1/13).
- 5880 CHINA RP: TC @ 2300, tlk in Asiatic language (Potter 1/9). Cantonese listed -Scw
- 5881.5 ARGENTINA R. Rivadavia: 2350-0330 SP futbol pgm, ads, LAm mx, SP nx (6 reporters).
- 5900 CHINA FPBS2: 1200 W ancw w/unusually long tirade, Good (Klein-FL 1/12).
- 5935 EUROPEAN RSPSR Moscow?: 0655-0710 Mayak IS @ 0700, time pips, W w/nx in RS (Jordan 1/13)
- 5935 LATVIAN SSR R. Riga: 2100 IS, NA, ID by M ancw "Runa Riga", into musical pgm (J Fisher-Ma).
- 5940 EUROPEAN RSPSR Gorky?: 0420-0435 M in EG defending Soviet move into Afghanistan (Jordan).
- 5940 ASIATIC RSPSR Magadan: 0500-0605 relaying R. Anadyr 0500-0545 in Siberian lang., Anadyr ID, TC for 1945 local time, into Moscow 3rd pgm until 0700, then Vladivostok relay w/ Tikhyy Okean pgm for Soviet seamen in the Pacific (Rankin-KS, DW Johnson).
- 5945 AUSTRIA ORF: 2258-3440 IS, ID's in GM/EG, into nx in GM, "Shortwave Panorama" in EG, "Sports Roundup" (Kowalski, Reynolds, Danko). 0145 EG to Nam, bad het (Sellers). 9330-0355 "Report From Austria" w/tlk on Austrian casinos (Grishin 1/23). Gambling is legal there?
- 5950 MANCHURIA Haerbin (Heilongjiang Prov.): 1310 EG lessons, CH pgm @ 1340. Exc (Behr 1/24).
- 5950a GUYANA GBS-Action R.: 0457* pgm host Cornell Ferdinand w/ILM xmtr locations & NA (Lebryk). 0730 US Rock mx, many ID's, TC, religious pgm @ 0800, hindi mx, calypso-type mx, M ancw in EG w/nx, sports. Good (Briscoe, Bovek, Klein-FL).
- 5955nf SOUTH AFRICA SABC: *0426-0431 Xylophone IS, tropical birds, ID in EG, NA, religious sermon in Afrikaans w/hymm mx. Very Good (wiseblood-CA 2/16).
- 5955 COLOMBIA LV de los Centauros: 0035 TC, ad, FSA, Colombian pops (whitehead-Bogota 1/16).
- *0939-1055 ID, calls, fays, lcl pop mx, instrumentals & vocals, M ancw (Jordan, Jones-MS).
- 5955 NETHERLANDS RN: *0930 IS, IS, fays., EG to Europe, wiped out by HJ @ 0939 (Jones-MS 1/11)
- 5960 CANADA RCI: 0220 EG Wld nx, tik of the upcoming political campaign (Bauernhuber 1/30)
- 5965 BRAZIL R. Guabaiba: 2325 PT nx, ID's, US pop & Brazilian pop mx (Klein-FL, Greenwood).
- 5970 PERU R. El Sol: *1030-1101 Abrupt S/on, M ancw in SP & High-Andes mx (Klein-FL, Greenwood).
- 5970 ASIATIC RSPSR Khabarovsk: 0750-0800 light vocal mx, M in RS w/nx, RS tlk (Jordan 1/23).
- 5975 CHINA RP: *1300 IS, pgm in lang. Weak but audible (Braga 1/7), I have Korean listed-1/30
- 5980 SIERRA LEONNE SLBS: 2300-2357* pop mx, ID, EG anmts, very abrupt S/off (Johnston-KY 1/30)
- 5980 LIBYA SPLAJEC: *0600 NA, into 'uramic chanting, AR tlk, flute & vocal mx (Elwood, Dittriel) tentatively the one here 0728-0805 M ancw in AR w/nx, AR vocal mx, chorus. Fair (Jordan).
- 5985 WEST GERMANY "R. Liberty": 0640-0655 M in RS w/tlk about Central Asia. Vy Good (Jordan 1/13)
- 5985 ARGENTINA R. Splendid: 0025-0205 SP tlk, nx "Informa Splendid" on the half hour, pop mx, (Potter 1/25). 0933-1005 SP Wld nx read by 2-M, chimes. Fair w/JRN (Orcutt 1/30).
- 5988 GREENLAND Grynlunds R.: 1014 Celeste IS, ID by W, NA, anmts by M, chimes. F (D Moore 1/26)
- 5990 ITALY RAI: 2200-2225 EG pop to Japan, ID's, fgy info., W w/nx. Poor (Kruszka 1/27).
- 5990 ROMANIA R. Bucharest: 0158-0210 EG nx, ID, "Youth Club". Fair (Moman 1/16, Sellers 1/29).
- 5990 ASIATIC RSPSR Khabarovsk: *0900 "Midnight in Moscow" Mayak IS, RS tlk. P-F (Jones-MS).
- 5994.8 ALI Rdf Nationale: 0715 African stringed instrument mx, M ancw in FR, chanting (Lattemann)
- 5995 AUSTRALIA RA: 1220-1423 EG nx, cmtry, "Report from Asia", pop mx (Fraser-MA, Hensley, Braga)
- 5999 COLOMBIA R. Nacional: *1000 full ID, fays., pgm review in SP, math lesson, pgm prepared by the ministeria de educacion. Good modulation. Strong! (Lobdell-PA 1/22).
- 0000 BRAZIL R. Inconferencia: 2300-2323 MoR instrumental and vocal mx, TC, ID (Yajko, Eckman).
- 0000 AUSTRIA ORF: 0715 M ancw in GM w/WH, into pgm of lcl country mx. P-G (Klein-FL 1/27).
- 0005 WEST BERLIN RIAS: 0550-0710 ID, nx in GM, anmts, pop & clsel mx (Gliksmann, Jordan, Klein).
- 0005 CANADA CPKC-Montreal: 0620-1335 EG nx, "Night-talk", ads, sports, TC, ID (8 reporters).
- 0006 COSTA RICA R. Roloj: 1159 ID, calls, into "Ava Maria" vocal melody. F (Sellers 1/30)
- 010 VENEZUELA R. Los Andes: 0956-1050 LAm pop mx, ads, "R. 1040" ID's (Klein, Jones-MS, D Moore)
- 012** ANTARCTICA AFAN: quite possibly the one here 0940-1001 w/old US pop mx. Poor. Noted with two sidebands. Doesn't AFAN broadcast suppressed-carrier SSB? (Rankin-KS). Presumably they do broadcast suppressed-carrier SSB at times, but I believe they are AM also! -Scw
- 015 VATICAN STATE VR: 0100 EG religious nx to Nam. Unusually clear (D Moore 1/28).
- 015 COLOMBIA R. Mira: 1105 Uninterrupted EZ listening mx to 1113, M ancw w/ID, TC (Klein-FL).
- 020 UKRAINIAN SSR Kiev: 0555-0610 W in RS w/ID, MoR mx & ballads (Jordan). Isn't Kiev in Ukrainian here? , what sort of ID did you hear? Suggest you monitor more carefully -Scw
- 020 PERU R. Victoria: *1025 M ancw in SP w/Morning greetings to listeners, ID (Klein-FL 1/12)
- 025 NIGERIA Enugu: 0640 Afro mx and chanting, tribal mx (Uerlings-OR 1/20).
- 025 UZBEK SSR R. Tashkent: 1205-1228 EG tlk about lcl holidays, ID's (Kruszka, Barhart-PA). *1400-1430 ID, EG World nx & cmtry, "Mailbag", //9540, 11785. Fair (Wentzell, J Williams)
- 025 PORTUGAL RP: 0256-0321 PT ID, into EG pgm @ 0300, EG nx & cmtry (Grishin, Moman, Davenport, D Moore). 0520 EG tlk about the price of a Portuguese postage stamp (Swanson 1/19).
- 028.5 ANTARCTICA R. Nac Arcangel (Argentine Antarctica Sector, claimed by the Argentine gvmt) 0000-0055 tlk by M&W in SP, readable thru JRM from time to time (DW Johnson, Buer, Henderson).
- 030 CANADA CFVP-Calgary: 0020-0032 lite pops, lcl wx, ads, sports. P-F (DW Johnson, Moman). 0740-1247 US pop mx, sports, TC's, ID, EG nx, ads, TOUGH copy (Mosier, Radcliff, Kowalski, /
- 030 WEST GERMANY Sueddeutscher Rundfunk: 0720-0807 GM cmtry, sports (Jordan, Klein).
- 034.1 BOLIVIA R. Panamericana: 2310-0055 lite pop mx, M ancw in SP, TC, cmtry (D Moore, wiseblood) 1015-1050 M ancw in SP w/ID, EZ listening mx, ads, nice lcl mx. F w/het (Klein-FL 1/28).
- 035 BRAZIL R. Globo: 2313-0048 soccer game w/fast PT tlk, Brazilian mx, ID (Radcliffe, Yajko, wiseblood). 0910 M ancw in PT w/svl ads , jingle, Brazilian pops/z1 mx (Klein-FL 1/27).
- 045 AUSTRALIA RA: 1240-1301 Keith Glover's "Mailbag" pgm. ID, fays, EG Wld nx. F (Danko 1/8)
- 050 NIGERIA Ibadan: 0701 M in EG w/lcl nx, tlk of Nigerian political happenings (Uerlings-OR)
- 052 RWANDA RR: 2117-2203 back to back highlife mx, ID by M in FR @ 2200. F (Cartwright-PA).

- 6055t KUWAIT RK: 2050 AR chanting & wailing, Q'uran readings. No ID heard. F (Braga 1/9).
- 6055 CZECHOSLOVAKIA RP: 0015 EG cmtry, Afghan situation is fault of USA (Zilmer 1/20).
0615-0655 FR tlk by M&W, cmtry, anmt for contest, fqy sked, into EG @ 0630 w/ID as "R. Prague-Inter" chamber mx. Excellent (Zahrt-Pa 2/2, Jordan 1/25). .(Jones-MS/
- 6060 AUSTRALIA RA: 1345-1500 pop & disco mx, //5995, 6045, 6080, "Club Forum"(J Williams, /
- 6065 SPAIN SFR: 0535-0605 EG nx, cmtry, economic & manufacturing tlk (Hesch-NY, Swanson,
- 6065 COLOMBIA R. Super de Bogota: 0045 SP sports, @ 0100 Alka-Seltzer presents "Super Noticias del Momento" SP nx (Whitehead-Bogota 1/4).
- 6070 CANADA CFRX-Toronto: 0645-0914 EG call-in talk show, provincial wx (DW Johnson, Jones-MS)
- 6075 HONDURAS LV del Junco: 1247 ID's o/pop mx. Pair-Good (Jones-MS 1/26).
- 6075 ECUADOR HCJB: 1135-1140 "Hello DX-ers" in EG w/Clayton Howard during the JP pgm on Thursday's only. Vy. Good (Zilmer-WI 1/17),
- 6080 CANADA CKWX-Vancouver: 2059 ID, M ancr w/wx & nx, ads. F-G (DW Johnson 1/10).
- 6080 BELGIUM BRT: 0015-0059 EG to NAM, "Mailbag", EG nx & cmtry (Davenport).
- 6082 COSTA RICA R. Nueva Victoria: 0120 ID by M, lcl pop mx, DW QRM de 6075 (Whitehead-Bogota)
- 6084.1 GREAT BRITAIN BBC: 0006-0019 Usual nx & cmtry in EG //5975. Not a spur (Potter 1/6).
- 6085 WEST GERMANY Bayerischer Rundfunk: 0615-0725 EZ listening/pop mx, "bierhaus" mx, single gong @ 0700 & ID. Very Good (Klein, Gliksmann, Rankin-KS). .(Bauernhuber/
- 6090 LUXEMBOURG RL: 0015-0150 Pop mx, ads, ID, TC, M ancr w/nx, wx(Vogelman,Lewis,Eckman, /
- 6090a BOLIVIA R. Stentor: 0925-0935 ID by M, lcl mx, tlk by M in SP. Pair (Orcutt 1/23).
- 6095 BRAZIL Rdf Sao Paulo: 2355 2-M in PT w/nx, ads, EZ listening vocals (DW Johnson 1/4).
- 6100 MALTA Deutsche Welle: *0128-0150 IS, ID's, fqys, EG nx, orchestral mx (Thompson-NM 2/1)
- 6103 COSTA RICA R. Universidad: 0246-0300 Clscl mx, Big Ben type chimes, ID (Orcutt 1/15).
- 6105 MEXICO XEQM: 1148 ID as "MQ-QM", "R. Yucatan", "Sus Panteras", SP nx. G (Jones-MS).
- 6105 NEW ZEALAND RNZ: 1105 M ancr in EG w/nx & wx, ID, amnts, "oldies" mx. F (Klein-FL).
- 6110 HUNGARY R. Budapest: *1900 Apparent radio drama in HG. F w/QRM (Braga 1/26). *2130 IS, M ancr in HG w/ID, HG nx & lcl mx. F-G (Klein-FL).
- 6110 USA KGEI: *1000 M ancr in JP w/ID as "The Voice of Freindship", JP tlk (Klein-FL 1/11)
- 6110 PHILIPPINES VOA-Poro/Tinang: 1100-1405 M ancr in EG w/wld nx, Clscl mx (Klein,Thompson).
- 6115 COLOMBIA La Voz del Llano: 2113-2325 LAm mx, ads, ID, SP nx (Whitehead-Bogota/Bauernhuber 0942 LAm mx, ID by M (Kruszka 1/27).
- 6115 CUBA 0100-0452 here w/R. Moscow ENAm Service via the blobmitter in Havana, very bad audio quality, much worse than even Ma Belle, EG nx & cmtry to NAM (Jordan, Klein).
- 6115 PERU R. Union: 2320 ID, SP nx, disco mx, bank ad. Good w/Llano off briefly (Whitehead).
- 6120 NICARAGUA R. Zinica: 1150-1220 ID in EG, martial mx, LAm mx, TC (Cunningham, Jordan,Klein 1237 "Special Sunday Morning pgm in EG", US C&W mx & steel drum mx. Vy Good (Jones-MS).
- 6120 ARGENTINA R. El Mundo: 0924-0940 many bank ads, ID's, lcl & national nx in SP(Orcutt).
- 6130 GHANA GBC: 2255 lcl mx & religious pgms w/choir singing. F-G (Dittriel 1/20).
- 6130 CANADA CHMX: 1115-0601 EG traffic rpt, ads, wx, pop mx, TC's, ID's, sports (6 reporters)
- 6135 SWITZERLAND SRI: 0210 EG nx & lcl mx, cmtry on world affairs (Bauernhuber 1/30)
- 6135 CHILE R. Univ de Concepcion: 1006-1031 NA, ID, M w/nx in SP, ads, lite mx(D Moore,Jones-MS)
- 6140 AUSTRALIA ABC-Perth: 1050-1245 M in EG calling a horse race, church svce(Klein,Moman).
- 6145 NIGERIA Calabar: 0656 Afro chanting, lcl tribal mx (Uerlings-OR 1/20).
- 6150 AUSTRALIA ABC-Lyndhurst: 1259-1301* wx roundup, ID as "ZLI", S/off anmt, NA (Moman 1/18)
- 6150 COLOMBIA LV del Huila: 0727-1330 full ID w/QTH, LAm mx, llanos mx (Whitehead,Kruszka, /
- 6155 HAITI R. Citadelle: 1115 M ancr in FR, ads, long tlk, bad het (Klein-FL). .(Mosier/
- 6155 AUSTRIA ORF: 0645-0820 IS, ID, GM tlk by M&W, FR after 0800. F-G (Klein-FL, Briscoe 2/2)
- 6155 UNID *2215-2245* IS began at 2210 w/16 notes on the guitar. S/on w/NA & ID by M. Radio play in lang until 2244 (Potter 1/26). Conakry, GUINEA in vernaculars at this time! -ScW
- 6155 JAPAN FEN: 0720-1405 World nx read by a W in EG, big band mx (Jones-MS,Orcutt,DW Johnson
- 6160 CANADA Vancouver-CKEU: 2045 economic tlk by 2-M in EG(DW Johnson) 0300 CBC-nx(Orcutt).
- 6160 NEW FOUNDLAND CKZN-St. John's: 0945-1010 full ID, CBC-nx in EG @ 1000. P (Orcutt 2/5).
- 6165 SWITZERLAND SRI: 0546-0630 IS, nx in FR, ballroom mx, Exc (Zahrt PA, Madcliff-IL).
- 6165 BRAZIL R. Cult Sao Paulo: 0015 M&W in PT w/tlk, EZ listening vocals, ads (DW Johnson 1/5)
- 6170 COLOMBIA LV de la Selva: 1103-1440 ID, TC, LAm ballads, ads. Good (Jones-MS, Whitehead).
- 6175mf COSTA RICA TIPC: 1044-1200 usual religious pgms in SP //9645, ID(Jones-MS,Zilmer,Klein).
- 6175 PERU R. Tawantinsuyo: 1035 W vocalist w/high-pitched Andean mx, ID,TC, qth,vg(Klein-FL).
- 6180 VENEZUELA R. Turismo: *0937-1040 NA, opening amnts, ID's, LAm mx, tourist info(Orcutt, /
- 6180 GUATEMALA R. Nac: 0132 gongs, ID's, marimba mx(McClellanOWI). 1230 (Eckman). .(Klein/ 1105 SP tlks and bits of music at an excellent level (Willis-AUS 1/26).
- 6188t LIBYA Tripoli: 0705-0735 AR vocals, occasional AR tlk, on 6189 next night (Rankin-KS 1/1)
- 6187 INDONESIA RRI Manokwari: 0900-1400 INDO pgms, no sign of Houa Phan (Willis-AUS 2/2).
- 6190 VATICAN STATE VR: 0615-0628* dramatic reading in IT by a M, ID, o/Bremen (Rankin-KS 1/1)
- 6190 WEST GERMANY SFB: 0705-0740 M in GM w/nx, big band mx, lcl polk F-G (Klein, Jordan).
- 6190**JAPAN NHK-Osaka: 0704 Several W and 2-M in JP, mention of NHK. F-G (DW Johnson 1/4).
- 6190 VENEZUELA Ecos del Torbes: SP nx, ads, squeezed between VOA & BBC-Sackville (Jones-MS).
- 6195t POLAND Polish Pathfinders Stn: 1225-1245 M&W vocalists w/fol tunes in PL, PL tlk followed by polka mx w/accordions. Possible ID. Very Poor (Jordan 2/1). If so, via LP -ScW
- 6195 NIGERIA Sokoto: 0706 Afro chanting/tribal mx, long tlk by M in vernaculars (Uerlings 1/
- 6195 CANADA CBC-NS: 0510-0609 election nx, wx for Quebec, fqy sked, EG amnts (Danko, Mosier) Well, thats about it for this month. A rather hectic month with lots of reports this tim around. The evening of 2/18 was great for Brazilians on 60m around 0145! CUN30 75,KA6IED
Steve

log report section

6200-11699



PETER SCHIPELLTI

31 BEAVERBROOK ROAD BURLINGTON, MASS. 01803 or phone after 2300 GMT up until 0500 GMT. 617 272-3142. Please note! Log Report C is the official Log Report Column of the 1980 Olympic Games. Hi! Thanks go to Dave Valko our past distribution editor. I hope that you will all support Gregg Bares and have material at his QTH by the 12th of the month. Away...

- 6207.5 UNID: 1204-1220 lang?, Western (as opposed to oriental) songs. Mostly totally unfamiliar vocals w/ piano accompaniment (Rankin 2/11) Anybody? ps.
- 6215 ANDORRA R. Scandinavia; 2111 in lang (Dutch?) w/ many taped IDs, interesting prgm of IDs and anmts of famous pirates such as R. Nordsee International, R. Veronica, R. Caroline, World Mx Radio from 2129-2147. EG ID/Address @ 2200 then 2201*. Sked is 2100-2200, first & third Sundays of the month; fair-poor. (Iobdell 1/20) Trx Chris. ps.
- 6250 EQUATORIAL GUINEA R. Malsbo; 2145-2200 SP, Afro Pop Mx, ID @ 2157 as R. Malabo, into National Anthem and 2200* (Fischer 1/19)(Braga 1/7); 0547 SP (Eckman 1/28)
- 6280T IRELAND Westside Radio (Pirate); Tentatively noted from 1009-1040 f/o w/ pop Mx & EG DJ's. At 1020 possible ID w/ address in Bray County Wicklow Ireland. OM asked IRC's for QSL. Guest anncr from Radio London. Westside is known to operate here w/ same QTH in address. (Bares 1/13)
- 6340T TURKEY Turkish Police Radio; 0545-0700 f/o, Turkish Mx & songs, short anmts by Y1. in presumed Turkish. Fair signal. (Bares 1/13)
- 6419v USA-Bootleg KVHF; 0815-1000 EG, Disco Pop Mx, Beatles uninterrupted until 0900 ID, "This is Radio K-V-H-F" Identical ID at 0950. on past 1000 (Lattemann 1/6)
- 6550 LEBANON Voice of Lebanon; *0405-0430 AR, Music Box like IS, River Kwai, Anthem, ID in AR, 0415-0420 presumed Mx, lots of piano Mx (McClellan 1/28)(No Name) Tentative for (Noman 1/16)(Clifford 1/21)
- 6907v LAOS Oudom Kay; 1056 Lang?, high voiced Y1 w/ cmntry KOed by ute @ 1100. Tentative. poor. (Moore 1/26)
- 6960 USA BOOTLEG WRAG; 0630-0728 EG, several IDs anncng as WRAG-"shortwave coming to you from Solimi East Coast" gave anncrs name as Ray Harrow, said that you might get on their mailing list. They had a phone in request rock Mx prgm. # as 212 220-9979. As he went off he said that phone lines would be open 1 more hour and if they got enough encore response that they might stay on later that night. mentioned phone calls from Minn. & Toronto. Strong signal in Indiana (Briscoe Date?)
- 6965 USA BOOTLEG WRAG; 0146 EG, "This is WRAG testing" several times then off. No prgm heard. Listened till 0700 (Kowalski 1/21) see Feb'80 page 22/LN-11 FrenDX. ps.
- 6965 UKOGBANI "Radio Rainbow"; "RR" strikes again. The unID on this freq last month is simply the name of BBC's language lesson prgm, not a station. And it was on this freq as a feeder to a relay station (he reported it at 0200 1/17; he being John Findlater, CA.) This was all explained some months ago in WASNA Listeners Notebook and in my DX reports (Hauser-TN) First heard June 1, 1979 on 7105 BBC Ascension Is, 0645 GMT. FR/EG, lessons. Many IDs "R. Rainbow". QSL dated 6/28/79 usual London Bridge w/ no mentions of R. Rainbow. Heard many times last summer same time & freq. (Witte-CA)
- 6974 CHINA Nei Mengu PBS; 1300 Mongol. tlks. * Mx to 1530 fade (Rehr 1/14)
- 7001 ANGOLA Em. Regional do Lobito; *0426-0435 FR, MA, M w/ Nacional ID into Afro Mx. Good (Krueger 1/28)(Valko 2/2)(Bodek 1/29)
- 7025 UNID: 0148 SP, La Voz de..... Anthem, s/off. severe CW QRM (Marker 1/18)
- 7065 ALBANIA R. Tirana; 0020 EG, discussion of Albania's Hydro-power resources. (Bauernhuber 1/23)(Eckman 1/18)(Krudde 2/5)
- 7110 ETHIOPIA VoRE; *0721 FR, March Mx, sign on by OM w/ ID, into prgm of more March Mx. (Ottaway 1/13); Tentatives (Lev 1/19)(Witte 1/2)
- 7110 MALI Radiodiffusion Nationale du Mali; 0704-0744 FR, Marches, FR ID "Radiodiffusion Nationale du Mali." at 0717, Mx in vernaculars. FR Nx @ 0732. Not Ethiopia as reported in Jan. issue. s/on @ 0800 daily & 0700 Sundays. (Rankin 2/10) Trx good rpt, Bob. ps.
- 7120 ALBANIA R. Tirana; 0230 EG, Y1 w/ Nx (Bauernhuber 1/21)(Cincert 1/23)
- 7125 POLAND Polish R.; 2225 EG, IS/ID, Pgm sked, beamed to Australia (Zilmer 1/13)
- 7160 SARAWAK R. Malaysia-Kuching; 1021-1100 CH, CH Mx, Apparent CH Nx @ 1030, IDs @ 1045 & 1059, tlks from 1045-1059 (Clifford 1/26) 1/22
- 7165 USSR R. Moscow-Lvov; 0321 EG, Cmnty on US budget (Sellers 1/29)(Thoma 1/9)(McCants 7170T
- 7170T NEW CALEDONIA R. Noumea; 0853 FR, Pop Mx, See Gees "Tragedy" good (Lev 1/27)
- 7175 STICLY "RAT-Caltanissetta"; 0617-0640 IT, OM w/ long talks, heard def. ment. of "Caltanissetta". Accordian Mx, Nx, Pips, ID. Fair (Jordan 1/13)
- 7185 KAZAKH S.S.R. R. Moscow-Alma Ata; 1125-1145 VT, IS, EG, ID into Vietnamese. Good w/ slight ARO QRM. (Oroutt 1/2)

- 7190 YEMEN DYBS-Aden; 2130-2201* AR, AR Mx, ID & NA. Also heard what sounded like a Rooster crowing!! Jammed, but got better towards end of broadcast. Good (Johnston 2/1) (Schimacher 1/8)(Elwood 1/25)(Baker 12/22)(Bauernhuber 1/24)
- 7195 ALGERIA RTVA; French service heard to late fade out time of 1000 when mixing with Radio Japan, with Pops and anmts (Willis 1/2)
- 7195 ROMANIA R. Bucharest; 2015-2023* EG, Listeners Mailbag, s/off w/ IS (Baker 12/24)
- 7208 CHINA Yunnan; 1400 CH, well heard although causing something of a het (Willis 2/2)
- 7215 TURKEY Voice of Turkey; 2200 EG, X about the devaluation of the Turkish Lira (now that sounds familiar. ps.) (Grishin 1/25)(Abbey 1/21)(Moore 1/24)
- 7215 USSR R. Vilnius; 2305-2328* EG, Cmnty on US reaction to invasion of Afghanistan. Frequent IDs (Baker 1/8)
- 7215 USSR R. Kiev; *0030-0100* EG, Nx, Cmnty, DX Club Pgm (Fraser 1/24);*0300-0330* EG (Semsky 1/30)(Thoma 1/31)(Chavdarion 1/22)(Sellers 1/29)(Williams 1/18)
- 7240 MOZAMBIQUE RM; 1500 PT, //11815 (ex 11820) & 9617 (Willis 1/10)
- 7250 Vatican Vatican Radio; 2039 EG, rel pgm. ID, Fair w/ Ham QRM (Braga 1/26)
- 7255 NIGERIA Voice of Nigeria; 0450 EG, IS & Anthem (Marker 1/20)(Witte 1/15)(Moman 1/13)
- 7260 NEW HEBRIDES 0855-1002* FR, Y1 in Fr 0855-0900. local Mx, like square dancing. OM w/ Radio Vila ID in Fr @ 1001, then Drum IS. (Cartwright 2/6)(Johnson 1/12)
- 7265 GERMANY (WEST) Sudwestfunk; 0420 GM, oompah Mx, 0429 IS twice w/ ID between. Good. (McClellan 1/31)
- 7270 POLAND Polish Radio; *0200-0215 EG, IS, ID, Nx by Y1, Cmnty on Polish United Workers Party Election. Nx of Poland, Review of Polish Press (Baker 1/19)
- 7280 LIBERIA VOA-Monrovia; 0540 EG, "Bkfst Show", Mx (Mosier 1/29)(Moman 1/16)
- 7299NF CHINA; Peking HS outlet noted here, but // traced and it seems rather irregular. Lots of usual Mx & anmts. Perhaps a regional. Another similiar noted on 5960 (Willis 1/2) What Time???? ps. 15)
- 7300 ALBANIA R. Tirana; *0330 EG, Nx, Cmnty on Trade Unions, IDs (Cincert 1/30)(Thoma 1/4)
- 7300.7 CHINA UNID. Regional; 1300 CH Nx, drama & Mx to 1518*, varies to 1521* w/ local ID; very strong; //7106 weaker. Xining? (Behr 1/14)
- 7345 CZECHOSLOVAKIA R. Prague; *0100-0157* EG, Nx, Cmnty, folk Mx, Dx Pgm (Fraser 1/25) (Davenport 1/10); 0300 (Bodley 2/2)
- 7355 USA PIRATE R. Jolly Roger; 0455-0558 EG, Rock Mx & Many IDs (Marker 1/20)
- 7360a USA PIRATE Voice of R. Jolly Roger; 0459-0558* EG, EZ listening Mx, IDs, also used "R. Jolly Roger" IDs, snrcr used disguised voice; good-very good (McClellan 1/20)
- 7360a USA PIRATE Voice of the Purple Pumpkin; 1602-1604* EG, Nx, IDs, said power was 5 watts Said that they would be back at 0500 but not heard. Odd time (McClellan 1/19)
- 7363a USA PIRATE R. Confusion; *0000-0245* EG, Many IDs, Rock Mx, game show, Nx in special EG, gave FRC address a lot, poor to fair. SSR QRM (McClellan 1/20)
- 7383 LAOS Savannakhet; Presumed. In presumed Laotian w/ folk Mx, tlks alternating OM/Y1 anncrs @ 1131; fade out by 1210 (Lobdell 1/28)
- 7400 USSR R. Kiev; 0307 EG, Nx, Ukraine Panorama by OM (Marker 1/12)
- 7412 ISRAEL Kol Israel; 0000 EG, Pgm to North America, New service starting tonight. // 11637 & 9815 KHz. also at 0100 and 0200 (Zilmer 2/1) I believe the Pgm are 25 minutes in length. ps. (New prime time pgm- nice freq. Exc. Eckman 2/1) Thanks to all the other reporters but unfortunately they were for the old service. No use in printing. ps.
- 7420T USA-Unknown Voice of Revolutionary?; 0552-0557 EG, per tip from Dave Valko, heard very weak under ether. 'Chicago' song (Cartwright 1/26)
- 7440 USSR RMMS; 2345-0000 EG, interview w/ US student (Sonya) at Moscow U. relating her impressions of life in USSR & contacts with various SSR nationalities, at expense of life in US. Usual B.S. (Baker 1/8); 0050 (Earhart 1/17); 0313 (Orcutt 1/2)
- 7500 AUSTRALIA VNG; 0920-1130 EG, periodic checks found OM w/ anmt, "This is VNG, Lyndhurst, Victoria, Australia...." @ 1130 (Jordan 1/19)(Bisau 1/22)(Wentzell 2/2)
- 7550 SOUTH KOREA R. Korea; 2300 EG, Nx. Fair signal (Zilmer 1/30)
- 9022 IRAN VOIRI; 1930-2030 EG, IDs, Political Cmnty, tlk on US hostages (Gregory 1/11) (Bauernhuber 1/18)(Braga 1/23)(McClellan 2/3)
- 9372.4 ISRAEL Kol Israel; 0417 Hebrew, classical Mx, ID @ 0458 w/ tlks, strong clean signal. 'buzz saw' jamming began @ 0500 (Lattemann 1/23)
- 9390 CHINA R. Peking; 1224 EG, //9820 and weaker than it; 9820 is to WAm, and 9390 to SEAs; I vaguely recall that formerly these two EG xmsns were not // (Hauser)
- 9410 GREAT BRITAIN BBC; 0120-0210 EG, Covered a variety of subjects: protection of birds, Comments on Iran, model aircraft flying school. at 0145 "The World Today" (Earhart 1/17)(Wentzell 1/5)
- 9460 PAKISTAN R. Pakistan; 1714 EG, Nx Pgm, ID as "The World Service of Radio Pakistan." (Wentzell 2/3); 1905-1930* Urdu (Jordan 2/2)
- 9475 EGYPT R. Cairo; 0200 EG, News. Fair signal (no name 1/24)
- 9490 USSR R. Moscow; *2300-0000 EG, Nx, Cmnty, DX Pgm, "Moscow Viewpoint", Music from Moscow. (Fraser 1/5) 0100-0200 EG (Semsky 1/18)
- 9495 MONACO TWR; *0721 EG, "Hour of the Bible" (Ottaway 1/13)
- 9510 ANTIQUEA BBC-Relay; 0730 EG, now subject to a very annoying het, making listening a pain! (Klein 1/6) Transmitter QTH; 0445-0915 Antiqua, 1100-1330 Sackville-Canada. ps.
- 9510 GREAT BRITAIN BBC; 2230 EG, Y1 w/ Nx (Bauernhuber 1/31) from UK at 2000-0330. ps.

- 9510T PERU R. America; 1050 SP, snatches of Peruvian Mx, OM anncr w/ possible ID before BBC open carrier at 1054. f/p (Klein 1/13) that BBC open carrier @ 1054 is BBC-Saville.
- 9515 TURKEY Voice of Turkey; *2200-2300* EG, Nx, press review, letterbox, "Oldies but Goodies" (US 50's rock Mx) Fair (Fraser 1/23)(Koman 1/15)(Brouillette 1/2)
- 9515 URUGUAY SCORE; *0000 EG, ID heard but completely overwhelmed by Greece (Buer 1/25) (Behr 2/2)
- 9522v UNID-MONGOLIA??; 1400 drama & Mx, 1515 Mong. Nx to 1527* ;strong; down from 9527.
- 9527v UNID-MONGOLIA??; 1300 Mongol. Nx, local Mx & drama to 1526* daily; freq. varies to 9522; powerhouse signal, probably new high power xmtr; if this is RUB, Mongolia is no longer DX. (Behr-ont 1/18)
- 9530 BULGARIA: Radio Sofia made an unannounced mid-season change from 9765 to 9530 for EG at 2130 & 0430 (as hrd 12/16 & 12/15 respectively), no doubt at the behest of their Soviet masters, as R. Moscow programming now on 9765; at 2130 Sofia is //9665. Sofia also seems to have dropped or rescheduled the DX Pgm repeat on Sun + GMT Mondays; none of these changes reflected in on air announcements, leading one contributor to "correct" my DX broadcast report of the change to 9530I --based on what Sofia says rather than what it does. Probably back up to 11 MHz in March. (Hauser-TN)
- 9535 ANGOLA?CLANDESTINE V. of Namibia; 1645 African lang & EG ID, 1702 EG Tlk, Marxist SWAPO Pgm; weak modulation (Behr 1/9)
- 9535 SWITZERLAND SRI; 0710 EG, "Sunday Tributes". VOA cut out by Collins Filter. Nice! (Witte 1/19); 1100 EG (Klein 1/13)
- 9540T CHINA Fujian Front; *1000 CH, tonal IS, NA of PRC, Y1 anncr w/ presumed ID & long talks, into oriental Mx, CH opera style, etc. 3 weird pips to 1030, OM/Y1 anncrs in CH w/ usual FPBS format. Seems likely them. Freq. noted in Int. Bcstng J. # 1, Jul'79 (Klein 1/6) Tnx for report Stu. ps.
- 9545 ANTIGUA DW Relay; 0530-0550 EG, ID, "In Germany This Week", Computer Chess. // 6040, 6085, 6100, 6145, 9545, 9565, 9605 & 11845 (Fisher 1/20)
- 9545 MONTERRAT DW Relay; 0135-0142 EG, reports on drinking & drug habits (Conover 1/4)
- 9560 ETHIOPIA VORE; *1500 EG, OM w/ s/on as per WRTH, EZ western lt jazz Mx, Y1 w/ tlks, local Mx, Regional Nx, ID @ 1523 & 1529, TC & Nx @ 1530. Fair w/ QRM VOA 9565 KHz. (Johnson 1/4)(Hensley 1/25)(Diekman 1/19) 1/4)
- 9565 MALTA DW Relay; 0130-0150 EG, Nx magazine Pgm report on alcoholism (Lang 1/15)(Abbey 1/7)
- 9570 ROMANIA R. Bucharest; 0405 EG, Nx, Rad QRM (Thoma 1/25); 0132 EG (Abbey 1/7)
- 9575 ITALY RAI; 0110 EG, Nx, //11800 (Bauernhuber 1/8)(Williams 1/21)(Alexander 1/6) (Davenport 1/10) man 1/8)
- 9575 GREENLAND: *1012-1053 LL, IS, Tlk-Nx?, Folk songs, occasional beeps. f/o 1053 (Gliks-
- 9580 AUSTRALIA R. Australia; 1155 EG, Pop Mx, Anncnt of Cricket Broadcast, ID. Exc. (Sellers 1/31)(Abbey 1/20)(Grishin 1/26)
- 9580 PHILIPPINES R. Pilipinas; 1003-1021 EG, Nx, Philippine Economic Digest, tourist guide (Clifford 1/26)
- 9580 SOUTH AFRICA RSA; 0407-0416 EG, Tlk about Gold Prices, SA economy, Mx, IDs, Adds, & more Mx (Fisher 2/2)
- 9588v NEPAL R. Nepal; 1140 test tone, IS @ 1147, ID by OM @ 1149 as "Yo Nepal...." in Nepalese, mentioned Sri Lanka/SE Asia as target areas. Programming consisted of exotic flute Mx, tlks by OM. Signal 5-4-9 and able to cut out het from Russian on 9590 w/ 2.4 KHz filter in FRQ-7000. Best reception ever and first definite log of Nepal since '71 (Lobdell 2/5) This is out of order. Sorry! ps.
- 9585 CYPRUS CBC; *2215-2225 OK, IS, ID, OM w/ Nx (Krueger 1/26)(Diekman 1/12)(Johnson 1/11)
- 9585 JAPAN R. JAPAN; 1300-1315* EG, Nx & Cmtry (Conover 1/6)(Braga 1/7); 1502 EG (Cincert)
- 9590 CANADA BBC-Sackville; 0000-0030* EG, Big Ben into world Nx & other features into frequency closedown (Davenport 1/1)(Wentzell 1/5)
- 9590 NETHERLAND ANTILLES R.N. Relay; 0230 EG, IS, IDs, Newline, Orch. Mx, Listeners' Letters (Thompson 1/30)(Cincert 1/23)(Bauernhuber 1/30)
- 9591.3 N. VIETNAM -Hanoi: *1527 March Mx & VT, 1600 CH pgms to 1657* // 10010, 11750 KHz. Not Taiwan or USSR as I had assumed earlier. (Behr 2/2) (Zilmer 1/27)
- 9595 NORWAY R. Norway; 1400 EG, "Norway This Week"--Nx & Views/ //21730 & 17840 KHz.
- 9605 USA WYFR; 2239-2250* EG, "Radio Reading Circle" (McCants 1/22) to Eur. & N Afr. ps.
- 9605 VATICAN Vatican R.; 0100 EG, Nx, "Culture & Religion" (Moore 1/25)(Thoma 1/24)
- 9610 ALGERIA RTVA; *2100-2130* EG, Nx, ID & Pop Mx. Anncd as Radio Algiers, w/ freqs & times given at beginning & end of broadcast. Good (Johnston 1/25)(Sellers 1/28)(Loh 1/4)(Lang 1/18)(Cincert 1/24)(Semesk 1/25)(Eckman 1/4)(McClellan 1/30)(Koman 1/15)
- 9610 AUSTRALIA ABC-Perth v. WMA9; 1140 EG, old US & BBC comedies (Fraser 1/9)(Gregory 1/10) (Reid 1/24)(Davenport 1/18)(Conover 1/11)(Wentzell 2/1)(Lewis 1/13)(Jordan 1/17)(Smith) (Koman 1/18)(Cincert 1/19)
- 9610 USSR R. Moscow-Lvov; 0200 EG, Tlks w/ IOC & olympic movements (Davenport 1/18) (Abbey 1/5)(Bauernhuber 1/8)
- 9615 COSTA RICA Radio Noticias del Continente; 0228 SP, Nx items by OM&Y1, short breaks of guitar Mx. (Brouillette 2/2)(Alexander 2/2)(Kruszka 1/19)(Davenport)
- 9615 INDIA AIR; 1527 LL/EG, into EG Nx @ 1530 (Gliksman 1/13)
- 9618 MOZAMBIQUE Radio Mozambique; 0241-0300 PT, IS w/ EG/FR/PT ID's, soft spoken OM from 0255-0300 after NA. Lost to QRM after 0300. (Brouillette 2/2)

- 9620 YUGOSLAVIA R. Belgrade; 2200-2215 EG, ID by Y1, OM w/ Nk. poor (Eastman 2/2)
- 9630 SPAIN SPR; 0008 EG, Feature Pgm on Spanish Mx (Moman 1/20)(Thoma 1/14)(Hensley 1/23)
(Davenport 1/1)(Byron 12/24)(Smith)
- 9635 COLOMBIA R. Nacional; 0102 SP, Ez Mx, Bad overmod, QRM de 9630 (Cunningham 1/12)
- 9640 SWAZILAND TMR; 0358 EG/AK, OM w/ clear ID, IS, Tlks (Johnson 1/12)(Binau 2/2)
(Cunningham 1/5)(Kruszka 1/21)
- 9645 VATICAN Vatican R.; 2030 EG, Vatican Nk (Bauernhuber 1/17); 0745 Latin (Jordan 1/13)
- 9645 FINLAND R. Finland; 0330-0400 EG, Y1 w/ Nk, OM w/ Cmnty on inflation in Finland.
Poor. (Eastman 2/2)(Marker 1/12)(Posporellis 12/31)(Moman 1/20)(Abbey 1/5)(Fisher 1/20)
(Earhart 2/3)(Hensley 1/15)(Burns 1/21) (Thoma 1/15)
- 9650 GREECE Voice of Greece; 0215 EG to Nam. ID, Nk to 0225 (Sellers 1/29)(Alexander 1/13)
- 9654T THAILAND R. Thailand; 1122 EG, Folk (oriental) Mx, anmts by Y1, audio very low &
wasn't able to ID. Poor (Lobdell 2/15)(Cartwright 2/6)
- 9670 MALTA R. Mediterran; *0700-0800* EG, "Malta Calling", Nk & tourist info (Diekman 1/12)
(Kruszka 1/26)
- 9670 PORTUGAL AWR/IBRA; 2100 EG, Rel. Pgm 'Voice of Hope' (Kruszka 2/3)
- 9675 POLAND Polish R.; 0630-0700 EG, Nk, Interview (Grishin 1/26)(Hesch 1/24)
- 9675NF EGYPT R. Cairo; 0215 AR, Nk, ID, Tlks by OM & Y1 (Buer 1/27)
- 9678NF VIETNAM Hanoi or Tay Nguyen; 1300, Heard here w/ Vietnamese anmts & Mx //9841, at 1300,
Good signals, even over local AFC. I guess the location is the same for both, and they
were not just taking same Pgm, but subsequent checks have ensued that they seem to
indeed be the same station. (Willis 2/1)
- 9685 USSR R. Moscow-Simferopol; *2300-0000 EG, Nk, Cmnty, "DX Pgm", "Mx from Moscow"
(Fraser 1/19)(Reynolds 1/13)
- 9690 ROMANIA R. Bucharest; 1930 EG, Nk, Tlk on UN (Jordan 2/2)(Zilmer 1/26)
- 9695 SWEDEN R. Sweden; 0255 EG, Mx, ID in several langs. (Slomka 1/25)(Harrington 1/12)
- 9695 KAMPUCHEA VotKP; 1200 EG, Y1 w/ tlks, native Mx, Y1 w/ ID @ 1222 (Binau 1/21) VotKP
has started a new Viet. service from 1300 to 1325 on this and the better heard 1938
KHz, as from January 2 (Willis)
- 9705 BULGARIA R. Sofia; *0000-0055* EG, Nk, Cmnty, "Life in Bulgaria", "Youth Magazine"
(Fraser 1/23)(Hodle 1/20)(Cincert 1/31)(Thoma 1/5)(Alexander 1/18)
- 9710 ITALY RAI; 0355-0411* EG, Nk. //15330 (D'Angelo 1/13)(Zilmer 1/24)
- 9710 GABON Africa #1-Moyabi; 0715 FR, OM w/ very long chanting/singing, African in nature,
ID, Exc: (Klein 1/10)
- 9720 SRI LANKA SERC; 1236 EG, TC for 6:06 @ 1236, EZ Mx, 1245 rel Pgm, ID as "This is the
Overseas service of the SERC." (McClellan 2/5)(1644 Uerlings 1/27)(1237 Klein 1/18)10
(1400 Zilmer 1/20)(1325 Potter 1/20)(1245 Wentzell 1/28)(1245 Mosier 1/10)(Gregory 1/
Harrington 1/12)(Smith)
- 9720 SOUTH KOREA R. Korea; 1600 EG, ID by OM, South Korean Nk (Hensley 1/18)(Burns 1/9)
- 9725 SWITZERLAND SRI; EG from 0145-0215 @ 0430-0500. (Many Reports) ps.
- 9730 GERMANY (EAST) RRI; *0100 EG, //11975 both poor (Braga 1/14)(Thoma 1/20)
- 9740 SINGAPORE BBC Relay; 1115 EG, World Radio Club Pgm. //9750 & 9760 (Zilmer 1/14)
- 9750 MAYLASIA Voice of Maylasia; 1645 EG, semi-classic Mx. OM/Y1 anncr (Witte 1/24)
- 9770 HAWAII LVHF; 1200-1215 EG, Nk, Wx, ID (McCants 1/14)(Wentzell 1/6); 0000* (Klein 1/2)
- 9805 EGYPT R. Cairo; 2215 EG, World Nk, Oriental Mx, Stamp Collectors Club (Reynolds 1/
17)(Brouillette 1/7)(Johnson 1/6)(Conover 1/19)
- 9815 ISRAEL Kol Israel; 0000-0030 EG, 0100-0125 EG, 0200-0225 EG, (Many reports) ps.
- 9870 SOUTH KOREA R. Korea; 1300 EG, Cmnty & ID @ 1300 (Kruszka 1/15)
- 9953 PALESTINE R. Freedom of S. Yemen; Unid AR station in Dec'79 LR-C is RFOsY; heard
here often since Sept. 1978; check old FrenDX issues (Behr) Tnx for ID of UNID. ps.
- 9977 NORTH KOREA R. Pnyongyang; 2300-2330 EG, ID, freq/ Nk/ Cmnty (Reynolds 1/19)(Lev 1/
22)(D'Angelo 1/15)(Klein 1/21)(Eckman 1/9)(Cincert 1/7)
- 10010.5 PERU; 1210, Certainly my nicest catch lately, the some illogical types will downgrade
it (rather than upgrade it) because it's a harmonic. Jan. 17 @ 1200 heard a broadcast
station talking in Spanish about "la familia peruana", "cooperativas agrarias", no
Viet. QRM, but instead QRM from splattery 7th harmonic of local WEMK-1430 (WUOT shares
a C.E. with them, so asked him for a bit more harmonic suppression!), and stn lost by
1214. Much better Jan. 22, calling 'atencion' to various people in Jaen, 1219 Bayer ad,
1222 R. Jaen ID & TC for 7:23; not audible at this hour on 5005+ (Hauser)
- 11643 ALGERIA RTVA; 1500 FR, anmts, // 9610. This replaces 11615 (Willis)
- 11646.5 ALGERIA RTVA; 2129 EG/FR, OM w/ ID & freqs. 9610 & 11740. No mention of 11646.5 KHz.
OM & Y1, FR Tlks @ 2130. Fair-Good (Johnson 1/12) Tentative at 0012 (Earhart 1/17)
- 11665 KUWAIT R. Kuwait; 1800 EG, Y1 w/ ID, Freq. sked, Pgm sked, Pop Mx. (Hensley 1/10)
(Greenwood 1/17)(Earhart 1/13)(Johnson 1/13)(Kuwait 1/13)(Loh 1/11)(Eckman 1/15)
(Diekman 1/13)(Dunlop 1/11)
- 11690 USSR R. Yerevan; 0354-0359* EG, 0357 "End of News" - OM, Y1 w/ Mx, then off. QRM
From RTTY station, possible jamming. (D'Angelo 1/19)
- 11695 CHINA R. Peking; 1948 EG, Tlk on encouraging competition among factories, then "The
Third World Marches On", ID, then lang. Lessons till 2025 (Lattemann 1/23)

That's it for now. Make plans to attend ANARC'80, before you forget. 73's & Good DX! Peter

log report section

TERRY COLGAN

11700 TO 17699

D

- 11700 SWAZILAND TWR: 1930-2100, 2230 EG, continuous mx w/ frequent IDs, f-g, test beamed to As, 1/21 (Briscoe, Zilmer)
- 11705 BRAZIL R. Itatiaia: last month I ran Rufus Jordan's logging of this stn as unidentified; two days after sending the column off, I received the 1980 WRTH which lists the station on this freq as Jordan correctly reported--tc
- 11705 SWEDEN RS: 0130 SP, wrld nx (Cinert) *0230-0300*, *2300-2330* EG, "Panorama", "Saturday Show", "Stamp Corner", "SCDX" (Posporelis + others)
- 11705 MONTSERRAT DW: *0527-0540 EG, IS, ID as Caribbean Relay, nx (D'Angelo)
- 11705 FRANCE RFI: 1720-1735 EG, "PCA", EG/FR ID @ 1722 (Alexander, D'Angelo)
- 11710 ARGENTINA RAE: 2210-2232 FR, tlks, Argentine mx, ID @ 2232 (Buer) *2300-2350* EG, mx, "Sports Roundup", cmntrys (Swanson + others)
- 11710 NETHERLANDS ANTILLES TWR: 0439 HG, rel tlk, hymns, EG ID @ 0444, sked only M-Th-Sat (GMT?--tc) (Earhart) Bauernhuber, Fisher)
- 11715 SWITZERLAND SRI: 0155, 0430-0500, 1045 EG, wrld nx, mx, IDs (Cinert, UNIDENTIFIED: 0137-0144 lang, AR mx followed by W w/ tlk, persian mx, under VOA, believe this is Lebanon, 1/14 (Davenport) Fisher)
- 11720 CHILE VOC: 0340-0400 EG, cmntrys, Chilean mx, frequent IDs (Cinert, CANADA CBC: NS 1805-1829, 2300 EG, "Royal Canadian Air Force", "World At Six" (Fraser, Swanson) (Jordan)
- 1725 CHINA RP: 0835-0850 EG, As nx, W w/ ID @ 0843, CH mx, bcst to Pac
- 1730 GREECE VOG: 0215-0220 EG, nx, IDs (Harrington) hvy QRM (jamming??), // 9650, 9515 unusable, 1/14 (Fisher)
- 1730 MADAGASCAR RN: 2030-2108 EG, "Newline", "His & Hers", "Afro Scene" (Bauernhuber, Lattemann, Sellers)
- 1735 PORTUGAL RJ: 2200-2215 EG, nx, cmntry, ID (Alexander)
- 1740 USA WYFR: 0435 SP, tlk by W, ID, hymns (Earhart) (Zilmer)
- 1745 ISRAEL KI: 0300-0355 RS, nx, tlks, mx, // 11655, 11960, 9815, 7412
- 1750 VIETNAM VOV: 1615-1657* CH, clr after BBC s/off, // 10010, 9591.3 (Behr) (Fisher, Moman)
- 1750 ENGLAND BBC: WS 0312-0400 EG, nx, "From Our Own Correspondent"
- 1755 FINLAND RF: 0330-0358 EG, nx, wx, "Airmail", p (Fisher) (D.W. Johnson)
- 1755 INDIA AIR: 2140-2230* EG, lcl mx, M w/ ID @ 2200, cmntry, interview
- 1765 BANGLADESH RB: 1823-1846 EG, nx, orch mx, IDs, slo spd nx (D.W. Johnson, Uerlings)
- 1767 INDIA AIR: 0210 HD, tlks, 0228 IS, p (Behr)
- 1770 CANADA RCI: 0410-0427 EG, cmntry, mx, sports (Fisher)
- 1770 TURKEY TRT: DS 0540 TK (Willis) details?--tc
- 1775 ROMANIA RB: 1500 EG, nx, cmntry, mx (Zilmer)
- 1780 BRAZIL R. Nac.: 0135, 0259, 2115 PT, mx, IDs (Eckman, Moman, Yajko)
- 1785 USSR R. Tashkent: 1215 EG, lbx consisted entirely of an appeal to all Muslims to support the USSR, 1/26 (Grushin)
- 1785 UNIDENTIFIED: 1425-1435, nothing but mx, went right through 1430 non-stop; this could be DW which broadcasts in AR 1400-1500, but no ID hrd; not same pgm as Tashkent on 9600, 1/1 (Earhart)
- 1790v INDONESIA VOI: *1400-1500* EG, As nx, cmntry, pop & lcl mx, DW QRM @ 1429 (Cinert, Eastman, Lang)
- 1790at EGYPT RC: 2045 AR, W singer, tlk by M, mx, no definite ID hrd, Israel underneath after 2055, 1/23 (Lattemann)
- 1790 AUSTRALIA RA: 0845 Pidgin, mx, g (Greenwood) (Mosier)
- 1795 UNIDENTIFIED: 0527 AR, AR mx, M w/ ID, could only catch "Arabiyah", 1/10
- 1795t COLOMBIA R. Nac.: 0030-0100 SP, lcl & US vocals, M w/ tlk, LA mx, 1/15 (Davenport)
- 1800 AUSTRALIA RA: 1800 EG, wrld nx, to Eur (Zilmer)
- 1800 ITALY RAI: 0225 IT, mx (Bauernhuber) (Bragg)
- 1800 SRI LANKA SLBC: 1758 EG, SEA nx, ID, p & mixing w/ R. Australia
- 1805 BRAZIL R. Globo: 0140 PT, soccer game (Yajko)
- 1805 USA AFRTS: 1540 EG, Mutual's "The World This Morning" (Kowalski)
- 1805 USA WYFR: 2110 EG, rel pgm, g until 2125 VOA s/on (Moore)
- 1815 POLAND Polskie R.: *0200-0305 EG, IS, ID, wrld nx, PL language lessons (Cinert, Davenport, Moman)

- 11815 MOZAMBIQUE RM: HS 1500 PT, noted on 1/2 and later days, repl 11820 but suffering QRM from RFE which also uses this channel (Willis)
- 11820 USSR RM: WS 1630-1700 EG, ID, nx-in-brief, mx, // 12010 (Orcutt)
- 11825 SOCIETY ISLANDS RT: 0555 TT, tlk by M, island mx, f (Mosier)
- 11827a UNIDENTIFIED: 0715-0900 lang, non-stop island mx 0715-0815, 0815-0900 rock mx, NA & s/off @ 0900, 2/3 (Briscoe) (Hoffmann + others)
- 11830 SOUTH KOREA RK: 1600-1630, 1800-1845 EG, nx, cmntrys, march mx
- 11835 URUGUAY R. El Espectador: 0030 SP, ads, ID, hvy rock mx (Moman) 0905 hyper-fast nx, many IDs (some are jingles), TCs (Greenwood)
- 11835 HAITI 4VEH: 1157-1236, 1930-2000*, 2300 EG, rel pgms, IDs, rel mx (Wentzell + others)
- 11835 FINLAND RF: 1930 EG, "Off the Cuff", IDs (Cinert) McClellan)
- 11835 LIBERIA ELWA: 2010 AR, IS w/ID in several langs @ 2016 (Diekman)
- 11838 NICARAGUA LVN: *0002-0602v* SP, Marxist trash, pop mx (Behr) others)
- 11845 VATICAN VR: *0100-0114*.EG, IS, ID, ecclesiastical nx (Sellers +
- 11845 ALBANIA RT: 1825-1829* TK, tlks, lots of QRN (Buer)
- 11845 SWEDEN RS: 2122 EG, lbx, under a S-9+20 carrier that proved to be VOA (s/on 2128) (Moman) (D'Angelo)
- 11850 SEYCHELLES FEBA: *0313-0319 lang, IS, many IDs, mx, M & W w/ tlks
- 11850 NORWAY RN: *2100 NO, IS, EG ID (Diekman)
- 11855v SAUDI ARABIA BSKSA: 0630 FR, off freq on 11857 (Willis) 1830, 1915, 2030 EG, nx, pop & c/w mx, IDs, "Reflections of Islam" (Gregory + others)
- 11860 ASCENSION ISLAND BBC: WS 0300 EG, ID, nx (Moman) Johnson)
- 11860 SEYCHELLES FEBA: 1616-1630* EG, rel tlk by M, address, ID, f (D.W.)
- 11860 CUBA RM: WS 1614-1635, 2105 EG, nx, "News & Views", "Round About the Soviet Union", class mx (Baker, Sellers)
- 11865 MALTA DW: 0130-0150* EG, wrld nx, cmntry, ID (Cinert)
- 11885 SOUTH AFRICA SABC: 0515 AK, mx, TC @ 0600 (Behr)
- 11885 URUGUAY SODRE: *2245-2315 EG, SP 2315-2345, EG repeated 2347, abrupt s/off 2357, RFE/RL QRM (Buer)
- 11890 CHILE VOC: 0217 SP, mx, cmntry, IDs (Cinert) 0230-0256 EG, nx, Chilean mx, anti-Soviet tlks, IDs (Gliksman + others)
- 11900 SOUTH AFRICA R. RSA: *0155-0248* EG, nx, "Week in Review", "South African Panorama" (Thompson + others) 2126 EG, "P.O. Box 4559" (Sellers)
- 11905 SWEDEN RS: 0030-0042 EG, wrld nx, "Panorama", f (Reynolds)
- 11915 EGYPT: HS 2300 AR, tlks (Greenwood)
- 11920 EAST GERMANY RBI: 0300 PT, IS, s/on (Moman) (Gliksman)
- 11920 WEST GERMANY VOA: 0810-0816* EG, end of xmsn to Af, IS, IDs
- 11925 BRAZIL R. Bandeirantes: 0000-0030 PT, pop mx, tlks, soccer match, taped ID @ 0030 (Cunningham, D.W. Johnson)
- 11925 PORTUGAL RP: 0256, 0500 EG, nx, tlks, // 6025 (Burns + others)
- 11930 LIBERIA ELWA: *0630 AR, IS, ID in var langs incl EG (Alexander)
- 11935 NORWAY RN: 1901-1910 NO, ID in NO/EG, nx (Potter)
- 11935 USA UNR: 2231-2345* EG, Security Council debate on Afghanistan, this freq better than // 15415, s/off in mid-debate, 1/5 (Cunningham)
- 11940 CANADA RCI: 0200-0226 EG, extremely interesting extended feature pgm on Afghanistan, 1/18 (Danko)
- 11942 INDIA AIR: 1330 HD, sports (Willis)
- 11950 SWITZERLAND SRI: 0000 FR, ID, TP, into FR pgm (Eckman)
- 11955 ANGOLA R. Nac.: 0452-0550 PT, lively pop mx, ballads, vibraphone IS @ 0529, into nx, another ID @ 0542 (Kreuger + others)
- 11955 TURKEY VOT: 2030-2105 EG, "Sunshine R." ID, lbx (Gregory) IS, nx, DX Pgm (Jordan)
- 11955 SINGAPORE BBC: 0930-1100 EG (Johns)
- 11965 RWANDA DW: 1735-1745* EG, tlk, mx (Loh)
- 11980 CHINA RP: 0147-0152 lang, CH mx, f/out 0152 (Davenport) 1335-1342 CH, M & W w/ nx, g (Jordan)
- 11985 ALBANIA RT: 0700-0730 EG, W w/ nx, cmntry (George)
- 12010 USSR RM: WS 1650 EG, lbx, mx (Cinert)
- 12015 AUSTRIA ORF: *0030 GM, poetry, mx (Hesch) 2305 EG, "Austrian SW Panorama", // 5945 (Zilmer) Slomka)
- 12050 EGYPT RC: 0205-0250 EG, AR mx, lcl nx, // 9475 (Davenport, Jordan,
- 12070 USSR R. Tikhv Okean: 1800-0808* RS, EZL, folksongs, IDs, f-g (Jordan, Klein)
- 12175t ICELAND ISBS: 1214 lang, choral singing, tlks between songs, poss nx @ 1230, 1/18 (Moman)
- 15000 CHINA BPV: time pips, CW ID @ 1300, g w/ WWV not hrd (Cartwright)
- 15045 GRENADA RFG: 2135-2400* EG, usual pgms (Vogelman + others)
- 15060 SAUDI ARABIA BSKSA: 1700-2301* AR, AR mx, IDs, tlks (Dittrich + others)

- 15084 IRAN VOIRI: 1327-1338 FS, nx, lcl mx, ID @ 1330 (Plotnick) (D'Angelo)
 15100 USSR R. Vilnius: 2304-2329* EG, pol cmntry, some mx, ancd // 17870
 15105 ISRAEL KI: *0500 EG, IS, ID, nx (Harrington) 1831-1840 RS, M w/ tlk, tent, 1/12 (Davenport)
- 15105 GRENADA RFG: 2040 EG (Bauernhuber)
 15110 INDIA AIR: 2113 EG, IN mx, ID @ 2115, f (McClellan)
 15110 USSR R. Rodina: *2330-2337 RS, IS, ID, mx, tlks (D'Angelo)
 15115 ECUADOR HCJB: 0135, 0230-0300, 0445, 1500 EG, "DXPL", nx, rel pgms, IDs (Lewis + others)
- 15120 CHINA RP: 0002 EG, cmntry, ID (Cinert)
 15120 NIGERIA VON: 0635 EG, lcl nx, ID, Af mx (Alexander)
 15120 VATICAN VR: 1705 EG, rel tlk, p (Cinert)
 15120 USA UNR: 1545-1900* EG, Security Council & General Assembly mtgs on Afghanistan, IDs, class mx fillers (Cunningham, Davenport)
- 15125 SWITZERLAND SRI: 1815-1830 EG, nx, "Sunday Supplement", cmntry (Abbey, Reynolds, Zilmer)
- 15130 CHILE VOC: 2230 SP, just tuned past their IS & ID (Moman)
 15130 USA WYFR: 2300-2307 GM, mx, ID, address, p (Conover)
 15140 CHILE VOC: 0017-0030, 0130 EG, Chilean mx, IDs, cmntrys (Sellers + others) 2344 SP, mx, cmntry (Swanson)
- 15140 KUWAIT RK: 1815-1820 AR, ID @ 1815, ME mx, g (Buer)
 15140 USSR RM: 2200-2230 EG, ID, nx, DX pgm (Williams)
 15150 USSR RM: WS 1311-1325 EG, "News & Views" (Hoffmann)
 15155 SOUTH AFRICA R. RSA: 0200-0233, 2130-2149* EG, nx, lbx, "South African Panorama" (Bauernhuber, Earhart, Fisher)
- 15160 ECUADOR HCJB: 1800 SP, TC, nx, f (Eckman)
 15165 DENMARK RD: 1857, IS, EG/DN ID, DN nx (Diekman, Moman) 1925 EG, ID, DN pgms (Gregory)
- 15170 SOCIETY ISLANDS RT: 0300-0630 FR/TT, island mx, nx, pop mx (Word + others)
 15170 INDIA AIR: 2000-2030 EG, W w/ nx, subcont mx (Clifford)
 15175 BELGIUM BRT: 0015-0100 EG, cmntrys, nx (Byron, Zilmer) nf as of 1/17, on one day-off the next, hvy QRM, should have stayed on 11700 (Gregory) 2246-2256 EG, DX pgm, f (Bodke)
- 15185 USA WINB: 2120-2230 EG, rel pgms, IDs (Bauernhuber, Uerlings)
 15195 JAPAN RJ: 2300-2311 EG, nx, ID, cmntry (Cinert)
 15195 USA VOA: 1340-1359 SP, tlk, inst mx (Davenport)
 15200 FRANCE RFI: 1945 FR, pop mx, nx (Bauernhuber)
 15200 SWAZILAND TWR: 2245-2300* EG, test xmsn to As, vg (Reid)
 15205 USA VOA: 0015-0029, 1855, 2030 EG, "Science in the News", "Country Music USA", "Jazz Hour" (Bauernhuber, McCants)
- 15205 SRI LANKA VOA: 0236-0251 EG, UN pgm, ID (Fisher)
 15205 AUSTRALIA RA: 2330 THAI, IS, EG ID, THAI pgms (Zilmer)
 15215 ALGERIA RTVA: 0300 AR, TP, nx, AR mx, // 15364.3, both f (Behr)
 15220 MADAGASCAR RN: 2045 EG, nx followed by big promo for "Afro Scene" then into schlock disco (Weber)
- 15220 SOUTH AFRICA R. RSA: *0200-0300 EG, "P.O. Box 4995", "Africa Today". "South African Panorama" (Lev + others)
 15225 AUSTRIA ORF: 1830 EG, nx & views (Zilmer)
 15228 ALGERIA RTVA: 0106-0135* SP, "La Voz de la Resistencia Chilena", AR pgm on 15215 & 15365.2 at same time (Behr)
- 15230 CUBA RH: 1538-1545 SP, mx (Davenport)
 15235 JAPAN RJ: 0130-0200 EG, ID, nx, cmntry, JP lang lesson (Alexander, Cinert, Williams)
 15240 YUGOSLAVIA RY: 1500 AR, 1528 new IS & into EG, 1600 into FR (Behr)
 15240 EAST GERMANY RBT: 1400-1425 EG, nx, cmntry, mx (Gregory, Hoffmann, Zilmer)
- 15250 USA WINB: 1830-1839 AR, mx, tlk (Reynolds)
 15255 NETHERLANDS ANTILLES TWR: 1216-1233*, 1330-1407 EG, "Thru the Bible", "Radio Bible Class", wrld nx, ID (Danko, McCants)
- 15260 CANADA BBC: WS 1500-1645 EG, soccer game, "Radio Newsreel", "Saturday Special" (Davenport, Hoffmann)
- 15260 ASCENSION ISLAND BBC: 2206-2230 EG, nx (Elwood)
 15265 FINLAND RF: 1300 EG, "Northern Report" (Zilmer)
 15265 BRAZIL R. Excelsior: 0107-0110 PT, ID, soccer game, exc (Kreuger)
 15265 BRAZIL R. Globo: 2300 PT, tlk, mx, ads, ID & freq (Zilmer)
 15270 JAPAN RJ: 0026 EG, cmntry, ID (Cinert) 1430-1445 JP, tlk, lcl mx, nx (Davenport)
- 15270 SEYCHELLES FEBA: *1800-1807 lang, IS, ID, nx (D'Angelo)
 15270 ENGLAND BBC: WS 2355 EG, rock mx (Swanson)
 15270 TAIWAN VOFC: 2218 EG, "Cultural Panorama", request for repts, test xmsn (Moman)

15275 SWEDEN RS: 2300-2330 EG, IS, nx, cmntry, mx (Cinert, Williams)
 15285 BANGLADESH RB: *1230-1255 EG, IS, ID, M w/ nx, cmntry (Cartwright, Semesky)
 15285 EAST GERMANY RBI: 1400 EG, nx, // 15240 (Zilmer)
 15290 BRAZIL R. Nac.: *0300-0400 EG, "Events in Brazil", "Sunday Music Special", tlks, IDs (Chavdarian + others)
 15305 SWITZERLAND SRI: 0202-0218 EG, nx, tlks, into SP @ 0214 (Danko)
 15315 NETHERLANDS ANTILLES RN: 0215 SP, tlk (Slonka)
 15325 UGANDA RU: EG, I may have been listening to RU's "last" (for a while) bcst 1/6 at 0245 during multi-toned drumming, first hrd splattering all over the 19m band and beyond and traced to here where the mod sounded all right; 0253 ID to USA/Canada/ NZ @ 0300-0415, pgm summary, gave time as 5 min. past 6 and into "Pop Scene", so studio clock must have been way off; after this, I wouldn't be surprised if the xmtr blew up! BBCMS et al report ES not hrd since this date, and it's a good thing too or 19m would be ruined (Hauser)
 15325 CANADA RCI: 2142-2155 EG, "DXD" (Hoffmann) (Fraser + others)
 15333v COLOMBIA R. Nac.: 0045-0400+, 2306 SP, class mx, EZL, many IDs
 15335 ROMANIA RB: *0645-0715* EG, "Listener's Club" (Greenwood) 1500 EG, to AS, g (Willis)
 15335 INDIA AIR: 1330 EG, nx, cmntry, pgm sked, // 11810 (Zilmer)
 15345 TAIWAN VOFC: 0140-0152 EG, tlk, mx, ID, first time hrd (Lev)
 15345 NEW ZEALAND RNZ: 0500 EG, nx, weak but clr (Moman)
 15350n USA WINB: *1859-1905 EG, ID, rel pgm, shift from 15250 @ 1859 to make way for VOA (Buer)
 15350 ZAIRE LV du Z: Zaire @ 2205 (cf. Dec LR-D et seq--tc) must be Luxembourg; Zaire has been inactive for years on this freq (Behr) similar comments received from Hensley & Klein; notice the '80 WRTH does not list this freq for Zaire, if that proves anything--tc
 15360 ASCENSION ISLAND BBC: WS 0350-0408 EG, tlks, 0400 ID, TC, wrld nx (Earhart)
 15360 MOROCCO RTVM: 1515 AR, well hrd and // 15335 (Willis)
 15365 CANARY ISLANDS REE: *2040-2100 SP, IS, trumpet mx, opening ID w/ site mentioned, into class SP mx (Clifford, Cunningham)
 15385 LIBYA SPLAJBC: 1910-1915 AR, tlk, AR mx (Lebryk)
 15400 FINLAND RF: 1255-1500 EG, "Northern Report", "Compass North", "Voice of Finland", "Airmail" (Braga + others)
 15400 SEYCHELLES FEBA: 0330-0400 lang & AR, lang tlk, subcont mx to 0340, IS to 0344, AR ID & into AR pgm (Clifford, Schumacher) (Cunningham)
 15410 USA UNR: 1900-1945* EG, Afghan debate continues from 15120, 1/5
 15415 USA UNR: *2200-2230 EG, OC 2200. audio on @ 2200:30 in mid-ID, class mx filler til debate resumed 2230, DW QRM, 1/5 (Cunningham)
 15425 SRI LANKA SLBC: 0135-0402 EG, lbx, rel mx, TCs, early '70s rock mx, relay R. Australia sports pgm (Poppin + others)
 15440 NETHERLANDS ANTILLES TWR: *0140 SP, IS, "Alpha y Omega" pgm (Eckman)
 15445 BRAZIL R. Nac.: 0000-0300* PT, ID, mx, pgms for Amazon Region, ancd as experimental freq, // 11780, both strong, 1/20 (Behr, Buer) 2125 PT, ID, anmts (Yajko) Hensley)
 15450 PHILIPPINES FEBC: *2307-0001* EG, rel tlks & mx, IDs, wrld nx (Behr, USSR: HS relay 1225-1232 RS, continuous mx, IS & ID @ 1229, nx (Earhart) (Baker, Klein)
 15455 USSR R. Atlantika: *1300, 1655-1701 RS, IS, M & W w/ IDs, nx, vg
 15455t USSR R. Rodina: 1359-1429 RS, mx, tlks, nx (Davenport) (Williams)
 15470 USSR R. Moscow: WS 1600-1630 EG, ID, mx, Olympic rept, // 12010
 15510 USSR RSPP: 1345 EG, ID, cmntrys, usual propaganda (Gregory) Zilmer)
 15560 AUSTRIA ORF: 1615-1715 GM, EZL, cmntry, nx, EG ID (Posporelis,
 15570 SOUTH KOREA RK: *0400-0433, 0757, 2301-2330 EG, mx, IDs, nx (Word + others)
 15600 CHINA RP: 0005, 0200-0300 EG, ID, nx, tlks (Lev, Swanson, Williams)
 17605 NETHERLANDS RN: *1830-1920* EG, ID, nx, "Newslines", "His & Hers" (Semesky)
 17640 ISRAEL KI: 1202 EG, nx, "Israel Mosaic" (Abbey)
 17650 CHINA RP: 0158-0230, 0326-0350 SP, LA folk mx, tlks, IDs, class mx (Clift, Brouillette, Thompson) (Jordan)
 11670 EGYPT RC: 1745-1805 AR, AR vocal mx, long tlks by M, psbl nx, ID

Another very good month for reports. Thanks for taking time! Several unidentified loggings this time that need your help. For example, the unid on 11827a; could that have been RT-11825 running late on a Sunday? If you have the answer, I'll be glad to print it. 73 de *Terry*

log report section

17700 & ABOVE

E

BRETT SAYLOR

- 17705 GUAM KTWB; 0000, IS, ID in EG by female ann, into lang rel pgm (Gregory) Clift)
17720 USSR R Moscow; 0215-0320 EG, NAM svc, sked to 0100* but still going strong (Buer,
17730mf BELGIUM BRT; *1705-1750* EG, drum & bass IS, "Brussels Calling Africa", nx, mx,
feature programs (Zilmer, Jordan, Semesky)
17755 JAPAN R Japan; 2300, 0309 EG, nx & features, into JP @ 0315 (Clift, Lang)
17760 SWITZERLAND SRI; 1815 EG, nx, Sunday Supplement (Zilmer)
17770 SOUTH AFRICA R RSA; *0150-0245* EG, to NAM, "Africa Today (Buer, Baker, Cinert)
17770 GUAM KTWB; 0000 EG, ID, religious program (McClellan, Alexander)
17790 CHILE V of Chile; 2253 SP, Latin mx, heavy QRM (Bauernhuber)
17800 CHILE VOC; 0011-0029* EG, ID, Latin mx, current event items (D'Angelo) Braga)
17810 PHILIPPINES FEBC; *0000-0024 EG, IS, US pop mx, rel tlks (D'Angelo, McClellan,
17825 JAPAN RJ; *2345, 0130-0200 EG, ID, nx, cmtry, current events (8 reporters)
17830 PAKISTAN RP; 0230-0245 EG, slow speed news (Wentzell, Moman, Clift)
17860 NEW ZEALAND RNZ; 0440 EG, TC's, tlk by M, nx in Maori @ 0455 (D.W. Johnson)
17870 AUSTRALIA RA; 2328 EG, Thai, EG ID, into Thai pgm, fair (Eckman)
17870 LITHUANIAN SSR R Vilnius; 2300 EG, political talks, good (Eckman)
17880 PORTUGAL RP; 1800-1830 EG, Portuguese and world news, stamp collect. pgm (Darko)
17880 SINGAPORE BBC; *0000 - 0229* EG, FE svc IS, world nx, R NxReel (McClellan, Braga)
17890mf SPAIN REE; 1530 SP, //15375, 15330, heard well (Willis)
17890 CHINA R Peking; 0215 EG, world news (Byron)
17900 VATICAN CITY Vatican R; *1700 - 1710 EG, nx, pgm to Africa, // 15120, 11830
(Alexander, Braga)
17930 LIBYA SPLAJBC; 1700-1800 AR; Arabic mx, chimes on hour, 3 time pips, into
chanting (Semesky, Word)
21470 FINLAND R Finland; 1440-1500* EG, mx, Mailbag program, special feature pgms
(Jordan, Hoffman, Posporelis)
21515 FRANCE RFI; 1705 EG, mx, features, nx, mailbag pgm (D'Angelo)
21545 KUWAIT R Kuwait; 0530 EG, nx (Moman)
21570 SWITZERLAND SRI; 1415 GM, 1540 EG, 1600 FR, ID's, nx (Conover, Gregory, Wentzell)
21580 FRANCE RFI; 1700 EG, PCA pgm (Harrington, Sellers, Davenport)
21590 SWITZERLAND SRI; 1314* EG, unlisted freq, //21570 (Zilmer)
21590 PAKISTAN RP; 0230 EG, slow speed news, //17835 (D.W. Johnson, Moman)
21600 FED. REP. GERMANY V of Germany; 1715 EG, ID, nx, //15135 (Alexander)
21605 SAUDI ARABIA BSKSA; 1730 AR, AR tlks and mx, //15060 (Alexander)
21615 USA WYFR; 1845 EG, world nx, religious pgm (Hensley) Byron)
21615 SWEDEN R Sweden; *1400 EG, Panorama, world nx, cmtry, pop mx (Hoffman, Wentzell,
21620 FRANCE RFI; 1700 EG, PCA, nx (Mosier, Harrington)
21640 HOLLAND R Nederland; 2030-2115* EG, African svc (Moman, Schumacher, Reynolds)
21655 AUSTRIA ORF; *1230-1255* EG, nx, industrial reviews, economic report (Fraser,
Braga, Jordan)
21685 KUWAIT RK, 1540 AR, tlk by man, possible sporting event (Jordan)
21710 GREAT BRITAIN BBC; 1345-1400 EG, "House at Pooh Corner" (Fraser)
21735 MOROCCO RTVM; 1809-1946 AR, AR vocals & Western pop mx, long talks, ID as "Huna
Rabat" @ 1946, good (Cunningham)
21740 AUSTRALIA RA; 0023 FR, *0100-0224 EG, world nx, pop music, mailbag program (5 rep)
21745 FED. REP. GERMANY R Free Europe; 1740-1821, hard rock music to 1800, nx in Bulgarian
w/ mnts of Afghanistan, Iran, to 1820 (Brouillette)
21755 PAKISTAN RP; 1600-1615 EG, slow speed news (Gregory, Hoffman)
25650 GREAT BRITAIN BBC; 1400-1615* EG, nx, mx (Moman, Fraser, Warhauer)
25690 PORTUGAL R Liberty; 1155 RS, speech by M, weak & jammed (Fraser)
25790 SOUTH AFRICA R RSA; 1500-1549 EG, 1728-1740 DT, world nx, mailbag, pop mx pgm
(Danko, Brouillette)
26020 ECUADOR HCJB; 1400-2200 EG, 0000 GM, 0100 EG, usual rel pgm, always with deep
fades, 100 watt test xmsn (8 reporters)

Hope your mailbox has been overflowing with QSLs of late. Thank to all the reporters
this month, keep up the good DX & see you in 30. 73's.....

ASW

PUBLISHER'S PAGE



FOR SALE: Brand new publication of the "World in My Ears" by Arthur Cushen. Price \$6.00....Drake AL-4 Loop Antenna, LF coverage (.15 to 1.6 MHz). Price \$12.00....Mosley SWL-7 Shortwave Trap Dipole. Covers 11 through 49 meter bands A-1 condition. Price \$20.00. All items shipped prepaid. Emmett J. Hoffmann, 1162 Watts, St. Louis, MO 63130. Phone (314) 725-8061, not collect.

FOR SALE: Hammarlund HQ-129X general coverage receiver. Price \$75.00. HQ110 with speaker. Price \$100.00. Collins Military Receiver R-278/GR, covers 220 to 400 MHz in 1750 programmable channels. Virtually new. Best offer. **WANTED:** HRO-500. Must be 800 series or newer and mint condition. Also McKay Dymek DA-100 antenna. Arden Evenson, 2803-W Rockwell, Spokane, WA 99205. Phone (509) 327-1633.

FOR SALE: Heathkit SB-313 receiver and speaker built by owner and in very good condition. Has SSB filter and modified selectivity. Price \$300.00 or best offer. Shipping included. James C. Hartung, 601 Rowe Drive, Aberdeen, MD 21001. Phone (301) 272-2833.

FOR SALE: Sony CRF-320 Horizon Master with 29 SW bands plus MW/LW/FM, Sony TCM 121 cassette-corder, 3 outside antennas: Mosley SWL-7 trap dipole, parallel dipoles, 31m inverted vee/horiz dipole, Ameco PLF-2 pre-amp, Yaesu world clock, Kenwood HS-4 headphones. A complete DXer's package in "as new" condition!! Price \$1500.00 o.n.o. Ed Casco, San Francisco, CA. Phone (415) 285-4532 evenings /weekends.

FOR SALE: AMECO PLC-P "Nuvistor Cathode" signal preamplifier. Range is 1.8 to 54 MHz. Very good condition. Price \$35.00 ppd. Herb Shatz, 80-35 Springfield Blvd., Queens Village, NY 11427. Phone (212) 464-8561, 2100-0400 GMT.

FOR SALE: Yaesu FRG-7, Gilfer modified, 4 kHz filter, selectable AGC, GAR-7 digital readout, owner's manuals. Price \$450.00 includes shipping. Cliff Brown 2000 Fargo, Chicago, IL 60645. Phone (312) 274-0188 between 1600 and 1930 GMT No collect calls, please.

FREE! FREE! I'm about to throw away, because of space problems, the following WRTH - 1972 through 1978

FRENDX } 1975 through 1978.
SPEEDX } Complete editions for
SWL } each year.

If any member of NASWA is interested in any of these I will mail whatever is wanted FREE within the 48 states. First come, first served! M. Harlan Bye, Wildman Arms, Apt. 917, Swarthmore, PA 19081.

FOR SALE: Drake R-4B receiver in excellent condition. A real DX machine. Has noise blanker, crystals, with Ameco FT-2 preselector and manual. Will ship to your door for \$300.00. Dan Crovo, 485 Bridge Road, Florence, MA 01060.

WANTED: Good quality cassette tapes of the following types of music: (1) Indonesian popular female singers, especially 'Krontjong'. (2) Pop and Country-Western 'hit-parade' material of Papua New Guinea. (3) Popular and/or traditional music of Samoa, Fiji, and Cook Islands. (4) Popular 'hit-parade' material from Thailand, Burma, Mamaya, and Philippines. I will pay \$6.00 per tape plus postage. Send list of what you have or can prepare to Douglas White 3727 North Pine Grove, #303, Chicago, IL 60613.

FIGHT INFLATION! HERE'S A PRICE REDUCTION!

FOR SALE: Computerized Shortwave material. I will send a copy of the English Schedule Lists (latest version) for \$1.00 and a business size SASE with two units of postage (28¢) to those in North America only. Next major revision will be about mid-March. Dan Ferguson, P.O. Box 8452, South Charleston, WV 25303.



Deadline is the 12th.

FRENDX CREDITS

Distributing Editor: GREGG BARES,
Box 345, Watertown, CT, 06795

Close to 100 reporters this month as the DX season is in full swing.

Carol & David ABBEY, Regina, Sask (DX-160)...Brian ALEXANDER, Mechanicsburg, PA (RF-4900)...Donald R. BAKER, Millsboro, DE (RF-4900)...Gregg BARES, Oakville, CT (R-390A, SX-190)...Raymond BAUERNHUBER, Rosedale, NY...Kirk BAXTER, Mission, KS (R-4B, FS-4)...Ernie BEHN, Kenora, Ont (SPR-4)...Nan BINAU, Hagerstown, MD (RF-2900)...Arthur BODKA, Cedarhurst, NY (RF-2900)...James C. BODLE, Canastota, NY (RF-2800, S-108)...Ceasar BRAGA, Fall River, MA (FRG-7, Astro 5)...Kenneth BRISCOL, New Albany, IN (RF-2900)...Paul BROUILLETTE, Sault Sainte Marie, MI (DX-160)...Paul BUER, Miami, FL (SPR-4, FS-4)...Mark BURNS, Terre Haute, IN (RF-4900)...Leslie BYRON, Laurelton, NY (Patrolman 9)...Michael J. CALDERWOOD, Denver, CO (FRG-7)...Brian L. CARTWRIGHT, Johnstown, PA (R-390, SX-190, RF-4800)...Richard C. CINERT, N. Judson, IN (FRG-7000)...James C. CLIFFORD, Lawton, OK (FRG-7)...Tony CLIFT, Campbellville, Ont (Pye 1101)...Wheeler CONOVER, Manchester, KY (Admiral All-World)...Larry CUNNINGHAM, Columbus, OH (DX-300)...Richard A. D'ANGELO, Wyomissing, PA...Larry DANKO, Livingston, NJ (BCR-101)...William DAVENPORT, Nashville, TN (DX-160)...Gary DIEKMAN, Parkersburg, IA (DX-160)...Walter H. DITTRICH, Shalimar, FL (RF-2800)...James DUNLAP, Slinger, WI (RF-2200)...Kenneth A. EARHART, Allentown, PA (FRG-7, NDR-505)...Gene EASTMAN, Huntsville, TX (FRG-7, RQ443)...Rich ECKMAN, Rockford, IL (RF-4900)...Mike J. ELWOOD, St. Peter, MN (DX-160, RF-2200)...Dale FISHER, Casper, WY (HQ-145X, R-4B)...John M. FISHER, Chelmsford, MA...Robert FRASER, Cohasset, MA (XCR-30)...Charles GEORGE, Dallas, TX (SSR-1)...Sholom GLIKSMAN, Chicago, IL (RF-2800)...W. Maxfield GREENWOOD, Devon, PA (BCR-101)...Richard GREGORY, Erie, PA (DX-160)...Ivan GRISHIN, Toronto, Ont (FRG-7, XCR-30)...Rob HARRINGTON, Englewood, CO (DX-300)...Editor Glenn HAUSER, Knoxville, TN (FRG-7, ICF-5900W)...Dan HENDERSON, Laurel, MD...Baxter W. HENSLEY, El Paso, TX (SX-190, FRG-7)...Ruth HESCH, White Plains, NY (JVC FR-5600W)...Emmett J. HOFFMANN, St. Louis, MO (SIS-1, Galaxy R-1530)...Kenny JOHNS, Jackson, TN (SX-190, FRG-7)...Ivan JOHNSON, Issaquah, WA (R-388, SP-600)...JOHNSTON, Lexington, KY (DX-160)...Jack JONES, Jackson, MS...S.D. KLEIN, Gainesville, FL (DX-160)...S. KNUDE...Paul H-634...Dan LANG, Murrysville, PA (Nordmende Mesa 6606)...Jack LATTEMANN, Seattle, WA (RF-2800)...Thomas LEBRYK, Irvington, NJ (SW-4A)...Michael LEV, Upper Saddle River, NJ (RF-2200)...Steven LEWIS, Toledo, OH (RF-4900)...Editor Jerry A. LINEBACK, St. Joseph, IL (R-7)...Ken LOH, Phoenix, AZ (RF-2200)...Brett MARKER, Rockford, IL (CRF-320)...Donald L. McCANTS, New Orleans, LA (RF-2800)...Scott McCLELLAN, Battle Creek, MI (TFM-8000W)...Donald MOMAN, Edmonton, Alb (SPR-4, FS-4; FRG-7)...Don MOORE, Bellefonte, PA (DX-160)...Dave MOSIER, San Jose, CA (FRG-7)...Frank F. ORCUTT, Alameda, CA (FRG-7, RF-2900, JVC FR-6600)...Bob OTTAWAY, Denver, CO (FRG-7000)...Gregory PASCOE, Philadelphia, PA (RF-2800)...Neal PERDUE, Falkville, AL (SX-100, SW-4A)...Stephen PONDER, Matthews, NC (GC-1A, CB-8)...George POPPIN, San Francisco, CA...James FOSFORELIS, Troy, NJ (RF-2200)...Martin POTTER, Limoges, Ont (R-4C, SB-310)...Ben RADCLIFF, Ottawa, IL (SW-4A, DX-40, SB-310)...Robert RANKIN, Lawrence, KS (FRG-7000)...Andy REID, Petersburg, Ont (K9J-5X8)...Jordan RUFUS, Pittsburg, PA (Transoceanic)...Fred SCHUMACHER, Kindred, ND (RF-2200, AX-190)...Harold SELLERS, Scarborough, Ont (MIL 2B5)...Thomas SEMESKY, Gary, IN (FRG-7)...Dan SHEEDY, Cardiff, CA (FRG-7)...Beverly SLOMKA, Brooklyn, NY (BCR-101)...Richard SWANSON, Wellman, IA, (DX-160)...Glenn L. THOMPSON, Deming, NM (FRG-7)...Jim WEBER, Dunlo, PA (DX-160)...Edward W. WARSHAUER, Quincy, MA (R-1000)...Jim WALKO, Reading, PA (RCA AR88)...Robert WENTZEL, Moorhead, MN (FRG-7, SSR-1)...John WILLIAMS, Bloomington, MN (R-4C, R-4B, SPR-4)...Mike WILLIS, Narram, Victoria, Australia...Gerald WORD, Carrollton, GA...Robert A. YAJKO, Leeburg, PA (SPR-4, RF-2800)...Robert ZILMER, Milwaukee, WI (R-390A, SPR-4).

Well I hope I got most of those right the first time around; if I do have you listed incorrectly, please let me know. I received several reports too late to forward for the March issue, so if you don't see your name above it should appear next month. Let's see if we can get over 100 contributors for the April Log Reports! 73!

Gregg



• Editor: Myron Smith
36 Ogden Ctr. Rd., Spencerport, NY 14559

Africa						Africa							
Reporter/Location	C/H	C/V	CH	CV	Best	GSL	Reporter/Location	C/H	C/V	CH	CV	Best	GSL
1 James Young, Calif	222	211	61	59	Comoro		48 Kent Willis, Ky	176	134	50	35	Mauritius	
2 John Tuch'erer, Wis	221		60		Cordac		49 Steven D'Adolf, Mas	174	141				
3 Dan Henderson, Mi	219	209	62	60	Dundo		50 Bobby Hobbs, NC	173	104	38	15	Gabon	
4 Ernie Behr, Ont	219	200	60	55	Reunion		51 Ben Radcliff, Ill	173	100	47	24	Lesotho	
5 Irving Johnson, Cal	219	172	62	15	Malawi		52 Brian Cartwright, Pa	173	39	46	5	S Leone	
6 Sam Barto, Conn	216	206					53 Albert Plotnick, Ct	172	157				
7 Bob Padula, Ausla	214	206	62	60	Muni		54 Albert Muick, Pa	172	118	44	20	Kenya	
8 Marlin Field, Mich	213	210	61	60	Mt Kenya		55 Jerry Lineback, Ill	172	101	51	31	Swazi Mus	
9 Al Sizer, Ct	213	209	61	58	Biafra		56 Hadley Cress, Va	172	7	53	1	Malagasy	
10 Edward Kusalik, Ont	212	194	61	52	Reunion		57 Albert Cannon Jr, NC	171	146	49	36	Cent Afr	
11 Bill Sparks, Calif	211	206	58	55	Djibouti		58 Brett Saylor, Pa	171	95	38	8	Seychelles	
12 Bill Whitacre, Mich	211	184	59	51	Cabo Vrde		59 Charles Wootten, It	170	141	52	36	Sao Tome	
13 Edward Shaw, Ky	210	199	61	59	Melanje		60 Martin Foltz, Mich	170	120	51	31	Azores	
14 Jerry Berg, Mass	209	203	59	58	Rio Muni		61 Michael Salay, Ohio	168	91	43	20	Cent Afr	
15 Alan Mayer, Ill	209	185	61	55	Reunion		62 Stephen Pitts, Ore	167	140	40	32	Bissau	
16 Paul Routenburg, On	208	172	60	46	Comoro		63 Michael Agner, Mass	165	89				
17 Dan Robinson, DC	206	167	61	45	Huila		64 Frank Orcutt, Calif	164	129	52	36	Cabo Verde	
18 Roger Legge, Va	205	180	55	47	Mauritius		65 Vladimir Cucura, Pa	162	85			Biafra	
19 Nobuaki Takahashi	205	161	60	44			66 James Smallwood, Al	160	120	30	20	ETLF	
20 Albert Garrou, Ill	204	150	59	44	Gambia		67 Neal Kolb, Fla	160	75	51	14		
21 Serge Newman, Ind	201	183					68 Brian Alexander, Pa	160	71	43	10	Benin	
22 Myron Smith, NY	201	165	58	50	Djibouti		69 Paul Buer, Fla	159	133	40	30	Isl Palma	
23 Al Miller, Ohio	200	188	57	52	Cordac		70 Andre Pineault, Que	159	130	47	36	Nac Angola	
24 Gerald Bishop, Pa	200	155	58	37	Djibouti		71 David D'Angelo, Pa	158					
25 Al Niblack, Ind	200	130					72 Bill Reynolds, NY	157	94	17	11	Ghana	
26 Jim Fedor, Calif	200	126	54	30	Lumbubshi		73 Charley Hoffman, Pa	156	128	45	31	Ondurman	
27 Neal Perdue, Ala	199	56	60	12	Seycheles		74 Niel Wolfish, Ont	156	105	45	21	Libya	
28 Victor Jaar, Que	199	4	58	1	Mozambique		75 Bob Pierce, Mass	156	89	47	15	Brazzaville	
29 James Koren, NC	195	157	54	45	Gambia		76 Henry Lazarus, La	155	145	38	35	Niger	
30 Joe DiLeo, Ct	195	181	58	53	S Isabel		77 Dave Twiggs, Ct	155	100			ETLF	
31 Tom Gavaras, Minn	191	155	56	43	Libertcao		78 Dan McCarthy, Fla	152	129	44	32	Garoua	
32 Chris Lobdell, Mass	189	176	54	52	Rio Muni		79 Ralph Alm, BC	151	107	30	18	Seychelles	
33 Larry Abraham, Mich	189	158	57	46	Zanziber		80 Robert Smith, NJ	149	96	48	23	Bissau	
34 Mike Ryan, Calif	187	157			Reunion		81 Mitchell Taylor, Ga	148	99				
35 Andy Robins, Mich	186	133	54	33	Huambo		82 David Margritz, Neb	147	85				
36 John Fisher, Ont	185	142	56	40	Sao Tome		83 Tom Overcamp, SC	146	126	41	30	Gambia	
37 Douglas Wicks, Pa	185	125	49	20	Gambia		84 John Huniwell, NJ	146	121	34	24		
38 Terry Krueger, Fla	184	103	50	21	Bissau		85 Roly Desrosiers, Ma	146	114	39	21	Garoua	
39 Ron Howard, Calif	183	157	53	43	Mogadicio		86 John Onken, Ill	143	116	34	16	Benin	
40 Don Moore, Pa	183	118	51	20	Calabar		87 James McClure, Ky	143	81	44	13	Seychelles	
41 Troy Gover, Ill	182	147	53	41	Djibouti		88 Gordon Bloom, NY	142	107	32	17	Rhodesia	
42 Jim Uerlings, Ore	182	28	46	3	VOA Libra		89 Shalom Gliksman, Il	141	96	32	15	Kenya	
43 John Sgrulleta, NY	179	179	55	55	Reunion		90 Lauren Ware, Va	141	49	41	7	Rhodesia	
44 Dave Valko, Pa	179	118	48	19	Chad		91 Terry Colgan, Tex	140	33	37			
45 Jeff O'Donnell, Pa	177	103	48	14	Chad		92 Conrad Richardson	140	11	42	2	Rhodesia	
46 John Herkimer, NY	176	160	53	46	Comoro		93 Dan Prisco, Pa	139	111				
47 Alex Vranes Jr, Pa	176	138	46	29	Calabar		94 Phil: Wala, Calif	138	102	30	17	S Leone	

Africa					Africa								
Reporter/Location	C/H	C/V	CH	CV	Best	QSL	Reporter/Location	C/H	C/V	CH	CV	Best	QSL
95 Greg Ravenhorst, Mn	138	100					148 Ted Maszynski, Ct	98	45				
96 Allan Courtney, Ky	138	53					149 Darryl Holland, NY	98	43				
97 Mike Hardester, Cal	137	122	32	28	Mali		150 David Greenes, Mass	96	21				
98 Bill Harms, Wash	137	81	25	9	Nigeria		151 Stephen Ponder, NC	95	74				
99 Jim Douglass, Pa	136	108					152 Thomas Lebryk, NJ	94	58	19	9	Tunisia	
100 Steve Kennedy, Fla	136	92	35	12	S Leone		153 Jeff Kruszka, Ohio	94	16				
101 Robert Fleck, Tex	135	105	36	23	Zambia		154 Bill Algeri, Pa	93	61	15	5	Liberia	
102 Bob Ottaway, Colo	135	90	34		Malawi		155 Lenny Sarf, Ill	91	31	14	1	RSA	
103 John Kapinos, Mass	134	105	23	16	ZUO		156 Dave Maxfield, Mich	91	12			Swaziland	
104 Carl Durnavich, Ill	134	77					157 William McDavitt, NY	88	74				
105 Mac Leonhardt, Ind	133	70					158 Robbie Berezowski, At	88	65	11	4	Egypt	
106 Walter Kunz, Pa	133	64	35	12			159 Chris Pygott, Ont	86	64				
107 Stephen Porter, Ct	132	66			Abidjan		160 David Sedgeley, Colo	86	61	16	9	Ivory Coast	
108 George Link, Calif	131	90					161 Mickey Delmage, Man	85	78	14	14	Seychelles	
109 Peter Schipellitti	131	54					162 Edward Stroh, Ill	85	68				
110 Henry Ward, Que	129	99			Canary		163 Clarence Wilson, Tex	83	63				
111 Ceasar Braga, Mass	129	43	29	5			164 David Reitz, Ky	79	60	15	8	Garoua	
112 Gerald Word, Ga	128	105	30	20	Garoua		165 Norm Newhall, Ct	78	63	6	6	Ghana	
113 Jim Hilliker, Cal	128	91					166 Thomas Semesky, Ind	76	44	12	2	Ned Malgysy	
114 Edward Pyatt, Ga	126	115	35	30	Bissau		167 Roger Reint, Tex	74	37	9	6	Cairo	
115 Peter Kerr, Ont	126	113	30	27	Zanzibar		168 David Mosier, Calif	73	33	10	3	Uganda	
116 Baxter Hensley, Tex	124	107	28	20	TWR Swazi		169 Terry Concannon, Cal	71	53	6	3	Springbok	
117 Adam Gaffin, Mass	123	80					170 Terry Weinhold, Pa	71	46	9	3	ELWA	
118 Hans Johnson, Tex	122	80	14	7	Garoua		171 Joe Dias, Calif	69	52				
119 Kevin Mikell, Ill	122	96	20	8	Nigeria		172 Jerry Schmidt, Wisc	69	43	6	4	Springbok	
120 Robert McIntosh, On	121	75					173 Dennis Kelly, Mo	68	48				
121 Terry Moon, Calif	121	72					174 David Labossiere, Ct	66	55				
122 Steven Sbordone, Fl	120	68	31	13	Rhodesia		175 Steven Shaffer, Ind	66	39				
123 Tom Haskett, Ind	119	99					176 Gerald Clark, Ind	64	50	8	5	Seychelles	
124 Jay Hamilton, SC	119	81	26	18	Uganda		177 James Trame, Tenn	63	44				
125 Larry Cunningham, O	117	41					178 Bruce Johnston, NY	62	50	8	5	RSA	
126 Robert Goss, Tex	115	81	8	5	Springbok		179 Kelvin Watts, Ausrl	62	33				
127 Robert Wallace, Hi	114	91	21	15	Uganda		180 Joe Kremer, Del	62	19				
128 Chris Leithner, Ten	114	85	26	15	Swaziland		181 Terry Klaser, Mo	60	32	6	3		
129 Charles George, Tex	113	83	26	15	Senegal		182 Bill Taylor, Pa	59	45	5	3	Uganda	
130 Timothy Noonan, Wis	113	80	33	9	Congo		183 Robert Zajda, Mass	58	41				
131 Walter Dittrich, Fl	112	79	26	11	Kaduna		184 Ted Ossege, Ohio	57	36	5	3	Uganda	
132 Tom Blossom, Ohio	110	97	21	18	ETLF		185 Rita Verneti, Kwaj	55	51	8	8	RSA	
133 Robert Viau, Que	110	96	27	22	Cent Afr		186 Duke Rice, NC	55	46				
134 Mildred Marshall, ND	108	93	24	18	Mogadishu		187 Martin Delfin, Tex	53	51				
135 Marjorie Burns, Ill	108	80	25	17	TWR Swazi		188 William Krause, Minn	53	34				
136 Dan Morisseau, Nebr	108	38					189 Ed Dye, Mo	53	33	5	1	Springbok	
137 David Schweikart, Va	107	77					190 Al Schlaugat, Wisc	53	33	5	1	RSA	
138 Gary Biasini, Alta	107	50	14	6	Ascenscn		191 Ron Carbis, Calif	52	29	7	2	Nigeria	
139 Gene Eastman, Tex	106	54	21	8	Rhodesia		192 Paul Brouillette, MI	48	37	5	3	Mozambique	
140 William Mann, Ont	105	89					193 Lexington Smith, NY	46	25				
141 Mike Brooker, Ont	105	78	20	11	Mali		194 Jeff Finley, Ohio	42	10				
142 Arthur Burke Jr, Fl	105	64					195 Don Warner, Ohio	40	22	2	1		
143 Scott McClellan, Mi	104	43	25	5	ELWA		196 Paul Lerner, NY	35	28	3	1	RSA	
144 Kevin Meyer, Peru	103	63	12	7			197 Charles Dumont, Que	34	19				
145 Ken Kashiwabara, Ca	102	72			Ghana		198 Walter Swaim, Fla	34	17				
146 Greg Danylchenko, O	101	76	9	8	ELWA		199 Richard Austin, Ky	31	17				
147 James Mulvey, NY	99	79					200 Steven Sahnov, RI	23	20	1	1	Cairo	

That Covers Everything received here through February 15. A couple of issues came up this month that are worth discussing. There were some comments about the accuracy of some totals. Unfortunately I have to rely on you to report honest totals, since I can't check them. So be sure of a stations ID before you count it, don't assume. The second item concerns the fact that the column is in order by countries heard, not verified. It is that way because getting a QSL is a matter of having enough money to send lots of reports, or sometimes it is just luck. The argument that a QSL is proof positive is not true because many of us have sent a report to a station, only to find out later that we had misidentified it. And sure enough the QSL comes to us in the mail. So the column shall remain in countries heard sequence, with your cooperation in keeping them accurate.

The next deadline is May 15, spotlight will be ASIA. Hope to hear from YOU.

M. J. pm

NASWA "UNITY AND FRIENDSHIP" ✱

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

"UPDATE" SUBSCRIPTION RATES PER YEAR:

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LISTENERS' NOTEBOOK - Glenn Hauser, University Radio WUOT, Knoxville, TN 37916

QSL REPORT - Sam Barto, 245 Cherry Ave., J-11 Watertown, CT 06795

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