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Welcome to 36 new NASWA members who have joined in time to receive the May FRENEX. We hope they find their new association to be helpful.

- | | |
|--|--|
| APOLLON, Fritz, Baltimore, MD | HEWITT, Al, Kingston, MI |
| ARCHER, Rowland F., Hillsborough, NC | HOCHGESANG, C.F., Riyadh, Saudi Arabia |
| AZIZ, Abdul, Perak, West Malaysia | JARRETT, Dennis E., Westport, CT |
| AZOSE, Norman, Brooklyn, NY | KOSINSKI, Rollin, Garfield Hgts., OH |
| BROWNE, Robert, Memphis, TN | KRAMER, Larry, Brighton, CO |
| CARANNA, John, Stanleytown, VA | KREMER, Daniel J., Del Mar, CA |
| CASEY, Michael R., Collinsville, OK | LOWE, T.E., Joplin, MO |
| CRICHTON, David, Germantown, TN | MCCORMICK, G.L., East Cleveland, OH |
| DAVIS, Martin, Charlottesville, VA | MARTIN, Richard, Charlottesville, VA |
| DE PRIMO, Bernard R., Norwalk, CT | MERKEL, Richard H., Union, NJ |
| DICKEY, Ed, Youngstown, OH | MILLER, Russell A., Washington, WV |
| EGBERT, Frank, Brooklyn, NY | PIRES, Charles, El Cajon, CA |
| EMERICK, H. Mitchell, Philadelphia, PA | QUADE, Robert H., North East, PA |
| GREENBERG, William A., Denver, CO | RANDLE, George, Davidson, NC |
| GREGG, James M., Jamaica, NY | RICK, Fred L., La Verne, CA |
| GRIDER, Don, Honolulu, HI ** | SCHNECK, Robert J., Short Hills, NJ |
| HADLEY, Charles S., Cape Elizabeth, ME | STUMPF, Mark K., Pasadena, CA |
| HENRICH, Bill, Slyva, NC | ZECHICK, Alan L., Bangor, ME |
| HENSHAW, James R., Lakewood, CO | |

** Welcome back to NASWA after a short absence!

Since we have a shorter new member list than usual, and some extra space resulting, it may be of interest for us to mention some of the sources prospective members learn of NASWA. We use no paid advertising whatsoever, so to obtain publicity of our existence, we depend on our friends to spread the word. We are fortunate to have such members as Don Jensen, Glenn Hauser, Harry Helms, Jr., Mike Agner, and others who are writers and contributors to some of the large circulation magazines appearing on news stands. It is the mentions of NASWA in those publications which play a big part in our continuing growth. We do appreciate all publicity regardless of where it might appear.

As a basis of our survey, we took 200 recent membership applications from new members and compiled the following from the question "How did you hear about NASWA?"

PUBLICATIONS

Communications World	53
World Radio TV Handbook	15
Review of International Broadcasting (RIB)	12
Popular Electronics	9
Popular Mechanics	7
CB Magazine	4
Complete Listeners Handbook (Bennett)	4
SW Listener's Handbook (Fallon)	4
Elementary Electronics	3
CoEvolution Quarterly	2
CQ Magazine	1
S9 Magazine	1
	<u>115</u>

DX BROADCASTS

HCJB, Quito	14
Radio Canada Int'l	5
Voice of America	2
RadioNederland	2
Radio RSA	1
Radio Australia	1
	<u>25</u>
<u>OTHER DX ORGANIZATIONS</u>	
ANARC list	7
Other DX clubs	5
	<u>12</u>

OTHER PLACES

More than one source	17
Members and friends	14
Hobby caterers	4
Did not say	13
	<u>48</u>

NASWA

HEADQUARTERS REPORT

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.
JUNE, 1980

1980 NASWA MEMBERSHIP DIRECTORY: By the time this appears in print, we will have started to compile the 1980 listing of names and addresses of the NASWA membership for our directory which will be published as a booklet by late July or early August. As mentioned in last months FRENEX, those not wanting their name and address published can notify us accordingly. Those who have previously ask that they not be listed need not remind us since that fact is already on record.

As in previous years, there will be a minimal charge for the directory to help offset printing and mailing costs. Orders are now being accepted from those who would like to order now and receive their copy immediately after publication. The price will be \$1.00 postpaid for all of North America, or 8 IRC's outside of North America and mailed by airmail. For the convenience of our Canadian members, we will accept \$1.00 in Canadian currency as payment.

As in previous years, this will be a limited printing, so it is suggested those wanting a copy to order early. We hope the membership will support this project since it does require considerable time and expense to complete, so show your support of these special projects. Order from NASWA HQ, and distribution is limited to members only!

DXING ACCORDING TO NASWA: Those who have been around NASWA for a while, or who may have received our information sheets prior to joining, will be aware of the existence of our popular publication, "DXing According to NASWA". Since quite a few do join us without prior information about us, we would like to call this publication to their attention.

"DXing According to NASWA" is a 132 page comprehensive book covering many facets of our hobby. It was originally compiled in 1975 by NASWA member Edward C. Shaw. Since then, it has been updated several times and is currently in its fourth printing. The book is especially helpful to the new DX hobbyist, and is jammed full of useful information that all will appreciate.

The book is reasonably priced, that being \$5.00 mailed by first class mail to anywhere in North America, or \$4.50 by third class mail. Overseas members can obtain a copy for \$7.00 by airmail anywhere in the world. Orders are shipped the same day as received, and all payments must be in U.S. funds, and payable to NASWA, P.O. Box 13, Liberty, IN 47353.

A FEW ANNOUNCEMENTS: The 5th annual New England DX outing will take place Sunday, September 7th, 1980 at Black Rock State Park in Watertown, CT. This is reported to be one of the largest affairs of its type held in North America. NEADDXO Coordinator, Sam Barto, 460 Emmett St., B-19, Bristol, CT 06010 reports there will be door prizes, games, a HAP auction, and much more. For more information, contact Sam at the address given.....The East Central DX Association will hold a convention on August 17th from 12:00 PM to 6:00 PM at 1137 East 12th Street, (between Avenues K & L), Brooklyn, New York. David Snyder, president of Atlantic States DX Association is the co-ordinator of the affair. Further details and instructions on how to get there and what is planned are available from David Snyder, 1137 12th St., Brooklyn, NY 11230. All area DXers and SWLs are invited.....Last call for the 15th annual convention of the Association of North American Radio Clubs (ANARC) to be held July 18th through the 20th, 1980 at Irvine, California on the campus of the University of California at Irvine. Much publicity has been given this affair in earlier issues of FRENEX as well as all of the other major club bulletins, so we will not repeat all the details other than say that information and advance reservations can be obtained by sending a self addressed and stamped business size envelope to the Convention Chairman, Stewart MacKenzie, 16182 Ballad Lane, Huntington Beach, CA 92649. This affair is open to all interested persons, so time is short if you are thinking about attending.

IF YOU ARE MOVING: Each month, a number of FRENEXs and Update mailings are returned indicating the recipient is not at the address, and forwarding cannot be accomplished by the USPS. If we don't know where you are, then we can't guarantee delivery of your materials. Please notify HQ as soon as a new address is known. It makes our work much easier if we know ahead of time when possible.

shortwave CENTER



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

JUNE 198

Antennas

THE BEST ALL-PURPOSE ALL-BAND RECEIVING ANTENNA

by Neal A. Perdue, Rt. 1, Box 154, Falkville, AL 3562

In my ten years of hobby participation I have devoted hundreds of hours to antenna experimentation. My QTHs have ranged from apartments to mobile home parks to the present top-of-the-mountain location with virtually unlimited space for hanging many wires of various shapes and sizes. Experiments have included many designs, from short helical and coil-load models to a 300 foot V-beam and a 700 foot longwire. Although many of the larger types have been specific purpose antennas, I've always had it in the back of my mind to find the best all-purpose SWL-DX receiving antenna for the person living on an average-size lot.

The Winner is - - - The Inverted-V, cut as long as possible in accordance with the half-wave dipole formula (468 divided by frequency in MHz) for the lowest band DXed, connected to the receiver through a suitable coax tuner. The tuner used here is the MFJ Econo Tuner, available from MFJ Enterprises, Inc., P. O. Box 494, Mississippi State, MS 39762. Price was \$29.95 plus \$2.00 shipping about a year ago.

The Inverted-V antenna is basically non-directive, or omnidirectional if you prefer. Sensitivity from all directions is excellent. Only one tall support is required, that being in the center. The ends can often be attached, through insulators and non-conductive rope to existing fence posts, tree trunks, etc. Height of the ends above the ground needs only to be 10 or 15 feet.

The Inverted-V is the QUIETEST antenna I've tested, in terms of signal to noise, except for very large (for lowband reception) full wave and multi wave designs which are impractical for most DXers and which even when space available permits their erection are very difficult to keep up in the air through the various year around weather conditions, unless very ruggedly constructed. This antenna, because of its fine signal to noise performance, does a very good job of digging out weak signals in a noisy band that is fading in or out or just not propagating well. The background hiss and buzz in this type of situation is nearly always reduced or eliminated, in comparison to a singlewire antenna. The above also holds true in comparison to the ground-plane vertical, though, to a somewhat lesser degree. Simultaneously, this can often mean the difference between knowing that "someone is there" and being able to copy and identify the station. The value of this advantage doesn't need to be explained to any DXer.

Relatively inexpensive RG-58/U coax is just about a perfect match for this antenna and for almost all receivers in use today. It is also sturdy enough, when properly constructed and supported, to stand up to most weather conditions. An inexpensive coax-to-antenna connector can be made from a small plastic pipe TEE and three hose clamps.

Construction Notes:

A center-height of at least 35 feet is recommended, higher if possible. Included-angle at the apex should be 90-120 degrees. The hose clamp holding the coax to the TEE should be snugged up so as not to squeeze the coax flat and change its impedance. The soldered coax-to-antenna connections should be carefully weather-proofed with silicone sealer. Heavy duty insulated lampcord is an excellent choice for the antenna wire. It is easily split down the middle, thereby giving two exactly equal lengths-important in a dipole-type antenna.

HQ-180

ADDING A Q-MULTIPLIER TO THE HQ-180 RECEIVER

by Jerry Berg, 38 Eastern Ave., Lexington, MA 02173

Since I prepared my previous article (April SWC) on the HQ-180, I have added a Heathkit QF-1 Q-multiplier. Originally sold 20 years ago in kit form, the assembled QF-1 Q-multiplier

an sometimes still be found on the used equipment market for around \$25. The unit is housed in a gray metal cabinet 7 3/8" W x 4 11/16" H x 4 1/8" D, and is connected to the receiver by two cables. One is a 3-wire shielded power cable in which the red lead goes to B+ 150-100 volts, white (or black) goes to the 6.3 volt filament point, and black (or white) and the shield go to ground. All of these values are available directly from the accessory socket on the rear apron of the HQ-180A. (Being unable to find a plug to match the socket configuration, however, I drilled a 1/4" hole in the rear apron, installed a grommet, fed the wire through and wired it directly to the inside pins of the socket.) The other cable ends in a phono plug, requiring that a corresponding socket be installed on the rear apron. One end of a piece of shielded cable is then connected to the phono socket (shield to ground). At the other end the center conductor should be connected to the plate connection (pin 5) of V17 (a 6BA6), and the shield to the nearest ground point. That is the extent of the wiring that is necessary. Since the Q-multiplier weights very little, I found it convenient to bolt it down to the hinged access cover on the top of the receiver in order to give it some stability while in use. This way it also swings out of the way when the cover is opened.

After connection, the Q-multiplier must be aligned by adjusting its three internal coils. The S-meter is used for this purpose and no test equipment is necessary.

The Q-multiplier has four controls, an "off-sharp-null-broad" selector switch and "null adjust," "peak adjust," and "tuning" controls. The device is essentially a tunable, regenerative amplifier that is connected to the receiver IF circuitry and that acts as a gate through which the IF signal must pass. It is used to peak or null a particular signal. I find it most useful in the "sharp" position, where the "peak adjust" and "tuning" controls can be set to provide very sharp, steeply skirted selectivity. Though the higher audio frequencies are unavoidably attenuated somewhat in this sharp mode, the attenuation is modest enough to still permit surprisingly good intelligibility. The "null" position is similar to the slot control on the receiver itself. The "broad" peak position allows higher gain than the "sharp" peak position when a wider bandpass is acceptable.

One must use the 180 with a Q-multiplier to appreciate the versatility that results. Suffice it to say that among the receiver selectivity and slot controls and the Q-multiplier controls, it is possible to select from among a virtually infinite number of operating combinations to peak or eliminate a particular signal. The author also uses an Autek QF-1 Active Audio Filter with his 180, adding further to the receiver's flexibility. It is such flexibility that is the critical factor in the most difficult DX situations and that usually makes the difference between hearing a station and not hearing it.

Communal DX

"WHAT-COMMUNAL DX?"

by Brian L. Cartwright, 106 Leila Street, Johnstown, PA

DXing is most often viewed as a solitary hobby, bringing to mind visions of headphones clamped on at 2 AM while wife or mother is begging you to get some sleep. In this article I would like to show that sometimes the best DX comes in larger number of DXers. At times, you might have noticed rare loggings in the Log Reports followed by six or seven names, and it might seem, as Dan Robinson once stated, "Hey guys, looks like you were listening on the same radio." Well, maybe not the same radio, but the same room. When I joined NASWA in the winter of 1979, I quickly discovered that I was the eighth member in greater Johnstown, the number now being ten. A few phone calls later and I got to meet six other DXers in my age group right here around town. Besides listening to Monty Python records, it seemed that one of their favorite activities was listening in large groups, called 'DX sessions.' In 1979, I attended seven of these, and a full one third of my new stations heard during the year and one-fourth of the new countries that I heard were during these get-togethers. I have figured with up to seven DXers monitoring the bands at the same time, that my chances of hearing a new station or country were twice that of my DXing alone. Not only does it help when we are in the same room, but in between get-togethers most of them are only a phone call away, and we are always informing each other of good catches or comparing notes on some elusive station, to each other's mutual benefit. Our average starting time is 0000 GMT and we are usually done by 1300, for an average length of 13 hours. This gives us a chance to hear the Africans signing off, then the Latin Americans, the Africans coming back on, then Oceania and Asia, before we finally find a place on the floor to stretch out until the early afternoon. The scene is sometimes hectic, if you can picture seven receivers, five or six tape recorders, along with other equipment, fitted around a table, and gradually being littered with empty pop cans and half empty bags of munchies. It is not unusual for us to stop and spend ten dollars on junk food before we even get to the site for listening. In the last year I have jumped from 102 to 173 countries heard, and my stations heard have doubled from just over 200 to 430 in the same period, and I could not have done it without

the help of these other guys. So, before I go any further, let me introduce them. I have an R-390, and though I am sometimes known to boast of my receiver, I am sixth of the seven members of the Three Mile Island DX Association with my 173 C/H. Doug Wicks and Jeff O'Donnell live ten miles up the road in Mineral Point, and Doug is referred to as the senior statesman, even though I verified my first station at age nine back in '69. Doug has garnered 184 countries with his DX-150A. Jeff wrote an article last spring on budget DX with the DX-40, and before it was even printed he bought himself a DX-160. In a little over two years of SWLing, he has already heard 177 countries. Former Distribution Editor Dave Valko lives in another small burg named Dunlo, about 15 miles away. Dave also operates a DX-160, and has 179 C/H. The newest DXer in the group is Ed Berzonsky, from Elmore, in the north of the county. Ed has only heard 50 or 60 countries so far on his DX-160, but how many people do you know with those totals who have heard the Falkland Islands, Mongolia, Nepal, Tanzania, the Solomons, etc. Your present LR-E editor, Brett Saylor, lives a little farther away in Altoona and also owns a DX-160. His is equipped with an LED frequency readout, and he currently leads the pack with 185 C/H. The furthest member at 130 miles, is Don Moore of Bellefonte. Don is our resident Spanish and Portuguese expert, having verified scores of Latin American stations, and hearing nearly seventy Brazilians, while totaling 183 countries on his XCR-30.

The first three sessions that I attended were small in attendance, and this definitely affected the success of numbers two and three. Dave and Jeff stopped off at my house for number one, and I was soon impressed as I nailed 17 new stations and 3 countries in 13 hours of DXing. A month later, in April 1979, the same three of us were at Dave's shack, and DX was nil after hearing La Voz de los Galapagos. The rest of the night was spent with Jeff and I discussing Jeff's love life, while Dave took notes (Dave takes notes on anything, if he can get a QSL out of it). Dave and I tried it again in Dunlo, but we were asleep by 0700. Something had to be wrong. It seemed that things were going downhill fast. On July 22, all seven of us were present in Altoona. This is generally recognized as the first organizational meeting of the TMIDXA. A little later we got the urge to turn on our receivers, and with Don's aid, I had soon logged eight new Brazilians. We later heard Aden, and I finished the night quite pleased, with 19 new stations. Definitely the answer had to be in having more DXers present, and also some decent conditions. On September 1, all but Don were on hand in Dunlo, and although I only heard 8 new stations, they included Radio Panamericana on 6034, as well as Sierra Leone and the Voice of Malaysia, both of which I QSLed. (Which is a feat, considering I have only 39 countries verified). By this time school was ready to start, Dave went to Pittsburgh, Jeff and I retired to Pitt-Johnstown, and the rest were at Penn State.

In November, our annual After Thanksgiving Get-Together was held at Brett's QTH. Don Moore presented the TMIDXA constitution for ratification, and after several suggested changes, it was sent back to committee. By this time it was almost 0000 GMT, and we tried for the new station in the Argentine Antarctic. There was definitely a station there in Spanish, and later it was IDed by a tape we had made. Before 0100, audio had been noted on 2370 and everybody rushed to the frequency. One song was made out, a woman talking, and at 0129, a few strains of God Save the Queen faded up through the static. You never saw six DXers as happy as we. The rest of the night wasn't as eventful, although at 0600 Tunisia was blaring in on 1566 kHz MW. That encouraged me to do some Trans-Atlantic MW DXing, while the rest cooked hot dogs and sang along to Monty Python.

In a group like this, even though there may be no DX, there is never a dull moment. And then, on December 28, a date that will forever live in the annals of DXing, we all congregated at the Wicks household in Mineral Point. His was not as roomy as Brett's so four of us were in the dining room, while the two others were stationed in the kitchen. Brett started things off by playing a tape of AWR-Andorra booming in in Altoona, and everybody sat down and tuned them in person, not thinking much of it (until my QSL card said they were only 3 kW). At 2100 Doug and I went to string some antenna wire, and completing that we all retired to the living room floor to be entertained by The Cat. Dave was the first to return to his rig, and at 0115 was heard to exclaim, "Hey Brett, Falklands is coming in on 2370." Brett immediately made his way to the DX-160, clamped on the headphones, flicked the dial until 2370 flashed on his LEDs, and said, "Naw, that can't be them, it's coming in too good. Must be a harmonic," remembering 2370 is 3x790. We all made our way back to our posts and proceeded to tune this mysterious signal. At 0128, a woman came on and said, "This is the Falkland Islands Broadcasting Station. . . ." and six dull thuds were heard as each of us fell on the floor. Luckily, Brett and Jeff had their recorders running, and as soon as God Save the Queen had faded into oblivion, we were constantly rerunning the tapes listening for details.

This occupied our time for the next couple of hours, and after I caught Sudan at 0400, Dave and I went down to a local watering hole to catch a couple pizzas. When we got back, the gang was in the cellar, as Doug's brother was recording the reception onto a reel to reel tape, so that it could be sent to the station. Once again we listened to that marvelous ID, which had to be the best anybody had ever heard them in North America. Right then, Doug's Sister-in-law blurted, "What did she say?" Around this time, I noticed the smell of burning

pizza, and rushed upstairs just in time to salvage it with only brown cheese and a crispy crust. The Voice of Lebanon was heard in-between crunches, and then I went about logging the West German regionals, while the second pizza was being prepared. Soon darkness hit the Pacific, and I had a tentative 900 watt Japanese on 3607. West New Britain was doing quite well, and Brett logged Sumatra, but somehow I didn't get the word and missed them. Jeff then heard Greenland's sign on, but only Doug was able to get there before it was lost. I then had a signal on 7384, and thought immediately of Laos. After 20 minutes of a woman talking, I went to 3995, and heard what I thought might be Borneo. At 1155 I decided to check on 7384, and found it much better with no UTEs, revealing seven time bells and a national anthem on the hour. I was immediately called down to 3425, and soon Himalayan hymns from Radio Nepal filled the air. A month earlier four of the others had heard Radio Ulan Bator, and Jeff harassed me constantly because I only had a tentative on another frequency. Dave and I then decided to explore for Mongolia, and this worried Jeff. 12070 revealed nothing but the Russian, and Jeff breathed slightly easier, but then Dave found them on 6383 and Jeff was crushed. By this time it was almost 1250, and when I went back to 3995 Borneo was gone, and nothing has been heard there since.

We plan to trek back to Mineral Point during the term break at Penn State and erect the same hallowed wire, and who knows what we may hear this time around. One thing's for sure, I'll have two radios with two tape recorders present, so if I have to leave a frequency to check out another station, I'll have the tape keeping tabs on the original station.

Lenin

EARLY RADIO HISTORY: AGITATION FOR THE MASSES

(NOTE: The following is a letter written to Joseph Stalin by V. I. Lenin on 19 May 1922. The perceptive Lenin understood the tremendous impact that this newly invented communications medium could have on the masses. The letter was published in Pravda in 1949 and appears in Lenin, Collected Works, V. 33, Progress Publishers, 1965, P. 360-61. John Hedstrom 814 E. Illinois, Wheaton, IL 60187, has researched this matter and submitted the material to SWC.)

To Comrade Stalin with the request to pass this round to all members of the Political Bureau

Comrade Stalin:

Appended are two reports. The first from Professor Osadchy, an expert on electricity, about radio-telegraph and telephone communication; the second is from Bonch-Bruyevich. This Bonch-Bruyevich, whose report I append, is a prominent specialist and inventor in radio engineering and one of the principal figures at the Nizhni-Novgorod Radio Laboratory.

These reports show that it is technically quite feasible to broadcast human speech over any distance by wireless; furthermore, it is also possible to use many hundreds of stations that could broadcast speeches, reports and lectures delivered in Moscow to many hundreds of places throughout the Republic, situated hundreds and, under certain conditions, thousands of versts (km) away from Moscow.

I think that from the standpoint of propaganda and agitation, especially for those masses of the population who are illiterate, and also for broadcasting lectures, it is absolutely necessary for us to carry out this plan. Considering the unfitness of most of the bourgeois-professors of social sciences whom we are using and even the harm caused by them, we have no other way out than to enable our few communist professors, who are capable of delivering lectures on social sciences, to deliver these lectures for hundreds of localities in all parts of the Federation.

I am therefore, of the opinion that under no circumstances should we stint funds to complete the organisation of wireless communication and produce efficiently working loud-speakers.

I propose that we pass a decision to allocate, as an extraordinary measure, a sum of up to 100,000 rubles from the gold fund over and above the estimate to organize the work at the Nizhni-Novgorod Radio Laboratory in order to accelerate to the maximum the completion of the work it has begun to instal efficient loudspeakers and many hundreds of stations throughout the Republic, which can repeat for the broad masses the speeches, reports, and lectures delivered in Moscow or some other centre.

The Council of Labour and Defence must be instructed to organise special supervision over the expenditure of this fund and, perhaps, if it proves to be expedient, to institute bonuses from the above fund for specially rapid and successful work.

Let me add that today's Izvestia carries a report about an English invention in radio-

telegraphy that transmits radio-telegrams secretly. If we managed to buy this invention, radio-telephone and radio-telegraph communication would be of further tremendous significance for military purposes.

Lenin (19 May 1922)

English to NA

ENGLISH LANGUAGE BROADCASTS TO NORTH AMERICA, MAY 1980

by Roger Legge, Box 232, McLean, VA 22101

TO EASTERN AND CENTRAL NORTH AMERICA

Morning EDT	GMT	Station	Frequencies (kHz)
6:00-9:00am	1000-1300	Moscow, USSR	9600h, 15135
7:00-9:00am	1100-1300	Melbourne, Australia	9580
		Pyongyang, N. Korea	9977
7:00-9:30am	1100-1330	London, England	9510c, 11775w, 15070
7:05-8:45am	1105-1245	TWR, Bonaire, NWI	15255
8:00-8:30am	1200-1230	Jerusalem, Israel	15605, 17612, 25640
8:00-8:55am	1200-1255	Peking, China	15520
8:00am-12:00n	1200-1600	HCJB, Quito, Ecuador	11740 (to 1430), 15115, 17890 (13-16)
8:15-8:30am	1215-1230	Athens, Greece	17835, 21455
8:30-9:00am	1230-1300	Vienna, Austria	15290
9:00-9:30am	1300-1330	Helsinki, Finland	15400 (Su to 1425)
9:15-9:45am	1315-1345	Berne, Switzerland	21570
9:30am-12:00n	1330-1600	Moscow, USSR	11840h, 15135 (to 1500)
10:00-10:30am	1400-1430	Stockholm, Sweden	21615
10:00-10:30am Su	1400-1430 Su	Oslo, Norway	17840
10:30-11:00am	1430-1500	Helsinki, Finland	15400, 21475
Afternoon			
12:00n-1:15pm	1600-1715	London, England (Sa/Su 1500-1745)	15260c, 17830c, 21710
12:00n-6:00pm	1600-2200	Moscow, USSR	11840h, 15150 (to 2100), 15455 (18-22)
4:00-4:30pm	2000-2030	Jerusalem, Israel	11610, 17815, 21675
Evening			
5:30-6:00pm	2130-2200	Sofia, Bulgaria	11750, 15135
6:00-7:00pm	2200-2300	Ankara, Turkey	9515, 15360
		London, England	15260a, 15420
		Moscow, USSR	600h, 11750, 11770, 11960, 15525
6:00-6:30pm Su	2200-2230 Su	Oslo, Norway	15345, 17795
6:00-8:00pm	2200-0000	Montreal, Canada	5960, 9755 (As It Happens)
6:30-7:00pm	2230-2300	Jerusalem, Israel	9815, 11637, 15582, 21675, 21710
7:00-7:30pm	2300-2330	Stockholm, Sweden	11705, 15380
		Vilnius, Lith. SSR	11735, 15275
7:00-8:30pm	2300-0030	London, England	6120c, 6175w, 7325, 9590c, 11910, 15260a, 15420
7:00-9:30pm	2300-0130	Moscow, USSR	600h, 11720, 11750, 11770, 11920, 11960, 15525 (to 0000)
7:45-8:45pm	2345-0045	Tokyo, Japan	15270, 17825
8:00-8:30pm	0000-0030	Montreal, Canada	5960, 9755
		Jerusalem, Israel	11637, 15582, 21710
		Tirana, Albania	7065, 9747
8:00-8:30pm Su	0000-0030 Mo	Oslo, Norway	9605
8:00-8:45pm	0000-0045	Berlin, DDR	9730, 11975
8:00-9:00pm	0000-0100	Peking, China	17680, 17855
		Sofia, Bulgaria	15330
8:05-10:00pm	0005-0200	Madrid, Spain	9630, 11880
8:15-8:30pm	0015-0030	Athens, Greece	9515, 9655, 11730
8:15-9:00pm	0015-0100	Brussels, Belgium	15385

8:30-9:00pm	0030-0000	Kiev, Ukrainian SSR	9800, 11735, 15275
8:30-10:00pm	0030-0200	HCJB, Quito, Ecuador	9745, 11915, 15155
8:30-11:30pm	0030-0330	London, England	5975, 6120c, 6175w, 7325, 11835, 15260a
9:00-9:15pm	0100-0115	Vatican City	6015, 9605, 11845
9:00-9:20pm	0100-0120	Rome, Italy	9575, 11800
9:00-9:30pm	0100-0130	Jerusalem, Israel	11637, 15582, 21710
		Montreal, Canada	5960, 9755
		Budapest, Hungary (not Su)	9835, 11910, 17710
9:00-10:00pm	0100-0200	Prague, Czechoslovakia	5930, 7345, 9540, 11990
9:00-11:00pm	0100-0300	Peking, China	17680, 17855
9:00pm-12:50am	0100-0450	Havana, Cuba	11930
9:20-9:50pm	0120-0150	Cologne, Germany	6040w, 6085, 6100m, 6145, 9545w, 9565, 9605, 11865m
9:30-10:00pm	0130-0200	Tirana, Albania	7120, 9747
		Vienna, Austria	5945, 9770
9:30-10:15pm	0130-0215	Berlin, DDR	9730, 11975
9:30-10:30pm	0130-0230	Bucharest, Romania	5990, 9570, 11940
9:30pm-12:00m	0130-0400	Moscow, USSR	600h, 9600, 9665, 9700, 11710, 11720, 11770, 11920, 11960, 12030
9:45-10:15pm	0145-0215	Berne, Switzerland	6135, 9725, 11715, 15305
10:00-10:30pm	0200-0230	Budapest, Hungary	9835, 17710
		Jerusalem, Israel	9815, 11637, 15582
		Montreal, Canada	5860, 9655, 11940
		Warsaw, Poland	6095, 9525, 11815, 15120
10:00-10:30pm Su	0200-0230 Mo	Oslo, Norway	11870
10:00-10:50pm	0200-0250	Johannesburg, South Africa	5980, 9585, 9610, 11900
10:00-11:30pm	0200-0330	Cairo, Egypt	9475, 12050
10:00pm-1:00am	0200-0500	HCJB, Quito, Ecuador	9745, 11910, 15155
10:15-10:30pm	0215-0230	Athens, Greece	9515, 9650, 11730
10:30-11:00pm	0230-0300	Beirut, Lebanon	15375
		Stockholm, Sweden	11705, 15290
		Tirana, Albania	7120, 9747
10:30-11:25pm	0230-0325	Hilversum, Holland	6165b, 9590b
11:00-11:30pm	0300-0330	Kiev, Ukrainian SSR	9800, 11735, 11790
		Lisbon, Portugal	11925, 15125
		Montreal, Canada	5960, 9535, 11845
		Warsaw, Poland	6095, 9525, 11815, 15120
11:00pm-12:00m	0300-0400	Baghdad, Iraq	11935
		Buenos Aires, Argentina	9690 (Mo-Fr EDT)
		Kampala, Uganda	15325
		Prague, Czechoslovakia	5930, 7345, 9540, 11990
		Brasilia, Brazil	15290
11:30pm-12:00m	0330-0400	Helsinki, Finland	15400
		Tirana, Albania	6200, 7300
11:30pm-12:30am	0330-0430	Vienna, Austria	5945, 9770
11:30pm-2:00am	0330-0600	London, England	5975, 6120c, 6175w
		Havana, Cuba	11760
12:00-12:30am	0400-0430	Bucharest, Romania	5990, 9570, 11940
		Montreal, Canada	5960, 9535, 9655, 11845
12:00-12:30am Mo	0400-0430 Mo	Oslo, Norway	9645, 11860
12:00-2:00am	0400-0600	Moscow, USSR (World Serv.)	9665, 11720, 11735, 11920, 600h (to 0500)
12:30-1:00am	0430-0500	Sofia, Bulgaria	11750
1:00-1:15am	0500-0515	Jerusalem, Israel	11637, 15105, 15582

TO WESTERN NORTH AMERICA

Morning PDT	GMT	Station	Frequencies (kHz)
6:00-9:00am	1300-1600	London, England	11750 (Singapore), 15070
7:00-7:30am	1400-1430	Tokyo, Japan	9505 (also at 1500, 1600, 1700, 1800)
8:00-10:30am	1500-1730	London, England	15070, 15260c, 15400a

8:15-8:30am	1515-1530	Athens, Greece	17855, 21455
9:00-9:30am	1600-1630	Seoul, Korea	11830
9:00-9:30am Su	1600-1630 Su	Oslo, Norway	15175
11:00-11:30am Su	1800-1830 Su	Oslo, Norway	15175
11:00-11:30 am	1800-1830	Seoul, Korea	11830
<i>Afternoon</i>			
12:00-12:15pm	1900-1915	Tokyo, Japan	15270 (also at 2000, 2100)
2:40-3:50pm	2140-2240	Taipei, Taiwan	9685, 11825, 15270
3:00-3:15pm	2200-2215	Tokyo, Japan	17755 (also at 2300, 0000)
4:00-4:30pm	2300-2330	Stockholm, Sweden	11705, 15380
		Vilnius, Lith. SSR (Via Khab.)	15180, 15405, 17870
<i>Evening</i>			
4:00-5:30pm	2300-0030	London, England	9590c, 11910, 15260a, 15420
4:00-9:00pm	2300-0400	Moscow USSR (via Khab.)	12050, 15100, 15245, 15425, 17700
5:05-7:05pm	0005-0205	Madrid, Spain	9630, 11880
5:30-6:00pm	0030-0100	Kiev, Ukr. SSR (via Khab.)	15180, 15405, 17870
5:30-7:00pm	0030-0200	London, England	7325, 9580a, 11835, 15260a
		HCJB, Quito, Ecuador	9745, 11915, 15155
6:00-6:15pm	0100-0115	Tokyo, Japan	17755 (also at 0200, 0300, 0400)
6:00-6:30pm	0100-0130	Jerusalem, Israel	11637, 15582, 21710
		Montreal, Canada	5960, 9755
6:00-7:00pm	0100-0200	Taipei, Taiwan	11825, 15345
6:00-8:00pm	0100-0300	Peking, China	17680, 17855
6:30-7:30pm	0130-0230	Tokyo, Japan	15235, 17725, 17825, 21640
7:00-7:30pm	0200-0230	Budapest, Hungary	9835, 17710
		Jerusalem, Israel	9815, 11637, 15582
		Montreal, Canada	5960, 9655, 11940
7:00-7:30pm Su	0200-0230 Mo	Oslo, Norway	9610, 11870
7:00-7:50pm	0200-0250	Johannesburg, S. Africa	5980, 9585, 9610, 11900
7:00-8:30pm	0200-0330	Cairo, Egypt	9475
		London, England	6120c, 6175w, 7325, 9580a
		HCJB, Quito, Ecuador	9745, 11910, 15155
7:00-10:00pm	0200-0500	Athens, Greece	9515, 9650, 11730
7:15-7:30pm	0215-0230	Stockholm, Sweden	11705, 15290
7:30-8:00pm	0230-0300	Berlin, DDR	11840, 11890, 11975
7:30-8:15pm	0230-0315		
8:00-8:30pm	0300-0330	Kiev, Ukr. SSR (via Khab.)	15180, 15405, 17870
		Lisbon, Portugal	11925, 15125
		Montreal, Canada	5960, 9535, 11845
8:00-8:50pm	0300-0350	Taipei, Taiwan	11825, 15345, 15270
8:00-9:00pm	0300-0400	Kampala, Uganda	15325
8:00-10:00pm	0300-0500	Peking, China	17680, 17855
8:30-11:00pm	0330-0600	Havana, Cuba	11760
8:30pm-12:30am	0300-0730	London, England	6120c (to 0430), 6175w, 9510w
9:00-9:30pm	0400-0430	Bucharest, Romania	5990, 9570, 11940
		Montreal, Canada	5960, 9535, 9655, 11845
9:00-9:30pm Su	0400-0430 Mo	Oslo, Norway	9645, 11860
9:00pm-1:00am	0400-0800	Moscow, USSR (via Khab.)	12050, 15100, 15180, 15245, 15405
			17700
9:30-10:00pm	0430-0500	Berne, Switzerland	9725, 11715
		Sofia, Bulgaria	11750
		Vienna, Austria	12015
10:00-10:15pm	0500-0515	Jerusalem, Israel	11637, 15105, 15582
		Tokyo, Japan	15270 (also 0600, 0700)
10:00-10:30pm	0500-0530	Lisbon, Portugal	9575, 11925
10:00pm-12:00m	0500-0700	HCJB, Quito, Ecuador	6095, 9745, 11910
10:15-11:15pm	0515-0615	Madrid, Spain	9630, 11880
10:30-10:50pm	0530-0550	Cologne, Germany	5960, 6100, 9545w, 9650, 11905
10:30-11:25pm	0530-0625	Hilversum, Holland	6165b, 9715b
11:00pm-12:00m	0600-0700	Buenos Aires, Argentina	9690 (Mo-Fr PDT)
11:30pm-1:00am	0630-0800	Havana, Cuba	9525

1:00-1:15am 0800-0815 Tokyo, Japan 9505 (and hourly to 1300)

Additions to Western North America

PDT	GMT	Station	Frequency (kHz)
6:00-10:00am	1300-1700	Moscow, USSR (via Khab.)	9710 (to 1600), 9750, 11720, 11905 12030
10:00am-2:00pm	1700-2100	Moscow, USSR (via Khab.)	11720, 11905, 12030, 12050 (from 1800), 15245 (to 2000)
2:00-4:00pm	2100-2300	Moscow, USSR (via Khab.)	12050, 15100, 15425

Relay sites: a=Ascension, b=Bonaire, c=Canada (Sackville), h=Havana, Cuba, m=Malta, w=West Indies (Antigua/Montserrat).

Changes of interest: Peking 1200 to 15520, Stockholm 2300 to 15380, Lisbon 0300 to 11925/15125, 0500 to 9575/11925, Quito 0030-0500 added 15155, Berlin moved 1 hour earlier, Helsinki 0330 to 15400, Vienna 1230 to 15290, Santiago foreign service unheard, apparently off, domestic service on 15150.

RF noise

MICROCOMPUTER MENACE

by Clif Brown, 2000 Fargo, Chicago, IL 60645

I've been an active SWL for years and have had to put up with a wide variety of interference from local doorbells, thermostats, neon signs, street lights and power lines to name a few sources of noise. Living in an apartment building surrounded by appliance users it's what one would have to expect. If I were to go around installing filters and tracking down every zap and pop, it would be a steady job, so I limit my investigations to only the most severe cases. My standard has become: If it can be heard on the AM broadcast band, it's bad enough to do something about. My DX ability suffers, but I still manage to pull through a lot. I have been reasonably content with the situation but with the advent of the home microcomputer the future looks dim.

I purchased a Radio Shack TRS-80 and was delighted with it in every way until I tried using a program to turn my radio on at a certain time while I was away from home. Suddenly I was hearing strange humming and buzzing sounds at frequent intervals on the SW bands. I pulled off the antenna and they disappeared, so I wasn't getting QRM direct from the micro to the radio though they were only a few feet apart. Rather I was picking up the RF "hash" with my rooftop antenna over 50 feet away and two floors above! When a short ribbon cable of several inches was connected to the output connector of the TRS-80, my FRG-7 s-meter jumped up considerably.

This would never do. I tried everything I could think of to shield the micro, even putting it inside a box lined with aluminum foil and grounded. There was variation in strength of the RFI, but it was never reduced to a tolerable level. I don't have a good ground where I am on the second floor and I'd be willing to bet my "ground" was acting more like an antenna as with different configurations of my shielding the RFI would peak at different frequencies on the radio.

What did I end up doing? I gave up! I just don't have the micro on while I'm SWLing. Screening of the micro cabinet, shielding of the ribbon cable, heavy ground strapping, nothing worked. A recent article in QST dealt with the problem and the steps the author had to take to quiet the thing down were incredible. A spectrum analyzer display showed almost solid RF generation over a very wide bandwidth including the SW spectrum. When you imagine 100,000 of these already sold and more selling every day, it seems to pose a menace to radio listeners. It's one thing to pop a filter on a TV or a capacitor across arcing contacts. It's something else to ask someone to undertake the procedures necessary to silence a microcomputer. Most would just refuse.

The other day I was listening on 21 MHz and heard those familiar sounds. Sure enough, a neighbor was using his microcomputer and his apartment is directly beneath my antenna. I went over and told him about it. He had a separate terminal and two disc drives in addition to the micro with that notorious ribbon cable running everywhere. We tried to arrange a schedule to avoid interference but it's no fun having to SWL on a schedule to avoid interference.

If I sound depressed, I am. In addition, I may be causing interference when I use my

micro. My only suggestion to you, the reader, is to avoid the plastic cased TRS-80 in favor of a micro with a metal enclosure such as the PET or Heathkit and if you connect peripherals, keep the ribbon cable as short as possible.

If anyone has a story about good results in microcomputer RFI suppression, let me know.

(Editor's Note: This and similar interference should be reported to the manufacturer and to the FCC so that standards of RFI can be developed and enforced.)

Drake R-7

THE DRAKE R-7

by Don Moman, 6815-12Ave, Edmonton, Alberta T6K 3J6

I recently received my R-7 which had been on order for 7 months! All the reviews that I have read have given it very good grades, which has made waiting even harder. Now that I have had a chance to use it and compare it to my SPR-4/FS-4 combination, I must agree that it is a fine receiver.

My first Drake was a R4-0 which I did not like due to the poor audio and high background noise/hiss. I then did some dealing and wound up with a SPR-4/FS-4 combination. I felt this was a vast improvement, noise was less but sensitivity was still excellent, also it ran off 12 VDC which gave me something to take camping.

The R-7 keeps all the desirable features of both the above sets, e.g. 12 V operation, passband tuning, good selectivity, notch filter, switchable AGC and adds several other features. I especially like the antenna selector which allows two antennas and two receivers to be used in any combination. In addition a third input which has a high degree of isolation (75 dB) can be connected to the R-7. This is an ideal place to connect your amplified BCB loop and not have interaction with other antennas.

SENSITIVITY AND OVERLOADING: Both receivers are sensitive with the edge going to the R-7. On the higher bands the SPR-4 is quieter and every bit as good in digging out the weak signals. However, on the BCB bands there are problems with the R-7. According to the S-meter there are 7 local AM stations that put in more than 50 dB over S-9 signals, four of them sit at 75 dB+S9! This is a handful for any set, but the SPR-4 can handle it better. The antenna is a 75 foot random wire at 40 feet. The R-7 is a mass of distorted locals and junk, the SPR-4 is quite wide on locals but does not produce very many images when the preselector is tuned correctly. Agreed, the R-7 is more sensitive on MW, but I still get spurs, etc. with a few feet of wire in the basement. The LW band is good, no BCB heard here, and I have not noticed any harmonics from the switching power supply that was mentioned in earlier reviews.

DIGGING OUT THE WEAK ONES: Selectivity independent of mode, passband tuning, ease of exalted carrier tuning, and notch filter all work together to give you the best possible signal under severe interference conditions. The synchrophase AM detector allows one to select the side band which has the least interference with the passband control. This makes exalted carrier tuning less needed under medium QRM conditions.

TUNING AND READOUT: The digital display is excellent. It "keeps up" with your band scanning very well (unlike my homebrew one which has too slow a sample rate) and was accurate as received. Zero beating with the aid of the RIT control (a fine tuning control) yields accuracy to the tune of 50 Hz and is accurate on all bands. The analog dial is good, but not up to the quality of the SPR-4. It is slightly sticky and lacks that smoothness that should be present in this price class. It is not especially accurate, but the digital readout makes it unnecessary to have a super linear analog dial.

POWER REQUIREMENTS: The R-7 runs off the usual AC line voltages and 12 VDC as well. Current draw on 12 volts is about 2.1 amps with normal volume settings. In comparison, the SPR-4/FS-4 draws 0.75 amps with special low current pilot lights in the FS-4.

SELECTIVITY OPTIONS: Standard equipment is the 2.3 kHz (1:1.8 shape factor) filter. Five other bandwidths are available from Drake: 6, 4, 1.8, 0.5 and 0.3 kHz. Sherwood offers a 3 kHz (1:1.8 shape) to fill the gap between 4 and 2.3 kHz filters. A total of 5 filters may be installed. If one desires a wide response (8-10 kHz) a 150 ohm resistor may be installed in place of a filter option. However, ultimate selectivity drops and spurious signals may be found.

OTHER OBSERVATIONS: Audio quality for SW is fine with the built-in speaker. Plenty of

volume is available. Changing bands may be slow to some owners, but it is much faster than the SPR-4/FS-4 which may require up to 5 knobs to be adjusted (3 on the FS-4 and 2 on the receiver). It is a pleasant change in not having to adjust any preselectors.

The usual audio output jack for a tape recorder or external amplifier is present, along with an audio input jack that can mix another audio source through the R-7's amplifier. This is probably of limited use to most SWL's.

The digital display can be used as a frequency counter up to 150 MHz. Input sensitivity is TTL compatible - if you don't know what that means, don't connect to this jack - it could be expensive!

CONCLUSIONS: This is easily the best set I have had the pleasure of owning. Such others as the SPR-4, R4-C, Heathkit SB303, Collins 755-1, FRG-7 and the Questionable DX-300 will provide good reception under good to fair conditions, but in my opinion, only the R-7 will allow reception under conditions that would be intolerable with other receivers. BCB reception here is difficult under any conditions. I am hoping the addition of the Radio West Ferrite Loop Antenna will give the extra degree of preselection needed to prevent "spurious." A borrowed Space Magnet (SM-2) loop with the SPR-4 showed no signs of overloading.

I would be very interested in hearing from other R-7 owners, especially about MW reception in high signal density areas.

Mizuho AP-M1 MIZUHO AP-MI AUDIO PROCESSOR-USERS REVIEW

by Bob Brown, 27 Wilda Ave., Youngstown, OH 44512

I recently purchased a Mizuho AP-MI Audio Processor from Gilfer Associates and am very pleased with it.

What this unit is, is a tunable, active filter which enhances the audio of a receiver by eliminating or reducing unwanted frequencies or bands of frequencies. I find that an active filter's most redeeming quality is in the reduction of noise. Active filters are advertised to improve receivers with poor selectivity, which is true, but they also help reduce noise in a better receiver with an inefficient automatic noise limiter (most of them).

I have built several active filters using 741 Operational Amplifier ICs and have had very good success with them. This unit employs four 741 op amps and a 386 audio amplifier. One of the features of this unit that most appealed to me was its small size and portability. It operates from a 9 V battery or an external 12 V power supply. I do a lot of my SWling/DXing on weekends while camping in my travel trailer. I use a Panasonic RF-2900 receiver for this, and this audio processor compliments the receiver very well. In fact, with my modifications the combination is better than the original. What I have done is to modify the receiver so that the MPx output jack is now a speaker input jack. I attach a cord from the AP-MI ext. sp. jack to this speaker input jack and am now using the receiver's speaker instead of the inefficient one in the AP-MI. If you wish to retain the MPx function you could add a jack someplace else. I don't use the MPx, so this arrangement is convenient. The patch cord can be made by cutting in half the long cable included with the Mizuho unit, which is too long anyway, and attaching miniature phone plugs to the cut ends. These can be purchased at any electronics store, but must be soldered on. You can also buy cables ready-made. These modifications do require electronic knowledge and experience; so don't try it yourself unless you have the qualifications.

I have also mounted the unit on top of the receiver, just above the digital readout, with stick-on magnets. This retains the receiver's portability. The processor employs both a band pass filter and notch function. I find the notch function of little value for SWling or DXing. It has limited use as a heterodyne eliminator, but the use of the band pass filter function makes the unit worth the \$49.50 (+1.50 shipping) price tag from Gilfer.

THIS AND THAT: MFJ Enterprises manufactures a number of accessories of use to DXers and they have published a new catalog, available free from MFJ Enterprises, Inc., P. O. Box 494, Mississippi State, MS 39762. They have preselectors, antenna tuners, filters for audio, active antennas, etc. Their products are often carried in ham supply outlets. (credit info. to ANARC DX Equipment Committee, The Market Place Report.)

Mucho 73s till next month. *Jeny*

Listeners NOTEBOOK



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ENGLISH SCHEDULES

ALGERIA Algiers found 5/5 at new time of 2000-2030 on new 21635, only announcing the usual 9610, etc. (Jim Hilliker, Anaheim CA) Also noted same 7/5, but not there 8/5 (Goodliker, Anaheim CA) There 6/5, announcing only 251 7145 9610 11740; what do they know? (gh)

ANGOLA EG from here is weekdays only at 1130-1155 on 100 kW 9535 and 100 kW 11955, to South Africa; 1630(Sun 1600)-1800 on 100 kW 7245 and 100 kW 9535, also SAF (QTH Africa 5/80) I think the latter is a group of clandestine programs (gh)

AUSTRALIA R. Australia J80: 21740 0100-0330 063 S-50. 21680 0000-0930 308 S-100. 21660 at 1100-1300 & 1400-1730 355 S-100. 21650 2100-0530 355 S-100. 21630 1800-2000 325 C-250. 21570 0800-1000 325 C-100. 21525 0400-0500 & 0600-0630 239 S-100. 17890 2200-0600 118 S-50. 17870. 0130-0800 347 C-250. 17795 1800-2400 & 0100-0500 & 0600-0630 063 S-100. 17755 0400-0500 & 0600-0630 245 S-100. 17725 0130-1000 355 S-100. 15320 0400-0500 073 S-50. 15310 2230-0100 310 S-100. 15240 2100-0730 110 L-10. 15160 2100-2400 & 0100-0500 & 0600-0700 042 L-10. 15145 0630-1030 073 S-50. 11865 1500-1730 325 C-100. 11855 1900-2200 118 S-100. 11820 2100-2330 308 S-50. 11790 0600-0700 & 1000-1200 355 S-100. 11770 2000-2200 355 S-100. 11740 0700-0900 128 S-50. 11725 1800-2130 063 S-50. 11705 1000-1500 308 S-50. 9770 1000-1730 308 S-100. 9640 1000-1230 347 C-100. 9580 1100-1300 063 S-50 & 1800-2200 118 S-100. 9570 0700-0900 128 S-100. 9505 1800-2030 063 S-100. 6080 1230-2030 005 S-100. 6060 1330-1730 063 S-50. 6045 0800-2000 108 L-10. 6035 2100-2230 347 & 1530-1730 325 C-250. 5995 1000-2000 052 L-10. 3-digit figures are azimuths from xmtr site (S-Shepparton, L-Lyndhurst, C-Carnarvon) which are followed by kW power (RA via ARDXC, rearranged by gh)

AUSTRIA LN-14

BELGIUM BRT sked to SEAs Mon-Fri on 21475 and to Af 17730 1330-1345 (Sumit Ganguly, Apr Asian DX Review) Checked this 21/5, and I thought it was co-channel BBC 21470 (gh)

BHUTAN LN-5

BRAZIL R. National hrd 28/4 announcing that since 21/4 they had additional experimental xmsns to Eu at 1900 (presumably on 15125, before Portugal closes) and at 0200 to Nam on 15290; in addition to the regular 2000 & 0300 broadcasts (gh) Benicene de Sousa Otero of RNB wrote me that the 0200 was to escape jamming against RFE/RL after 0300; reports wanted and they might change permanently. I wish they had just changed fqs (Bruce Berr, NY, 2/5) 10/5 heard 0230, closed at 0300 saying the broadcast began at 0300, but it was not heard then (Robert Browne, Memphis TN) 14/5 was on both at 0200 & 0300 with same pgm; the 0200 was not announced at the beginning of either; QRM R. Sweden (Joel Rubin, Berkeley CA)

BULGARIA R. Sofia summer sked, effective 23/4 along with other Soviet stns includes 2130-2200 on 15135 11750; 0000-0100 15330; 0430-0500 11750 (gh) more, LN-14

CANADA Because of the expected conflict with R. Australia, RCI decided not to use 21630 at 1800 & 1900 to Af, but they gave up too easily and did not try another 13m channel; I suggest 21690 seems quite clear. Meanwhile, strength on 17820 at 1800 seems to indicate 250 kW there. The Sunday Morning relay on 16m is heavily QRMed on 17880 by R. Moscow, to 1400; and after 1400 17710 has various QRM including jamming, tho by 1600 it's not bad. 9580 thruout starts off well but can't stand up by late morning, this far away (gh, TN)

CHINA R. Peking, effective 25/4: ENAm: 0000-0200 15120 17680 17855. 0200-0300 & WNA 0300-0500 15120 15230 17680. ENAM 1200-1300 15520. ANZ 0830-1030 9460 11600 11720 15120 17635. SEAs 1200-1400 15280 17700. SAs 1400-1600 9860 11650 15165. 1800-1900 1206 only. E&Saf 1600-1800 9860 15120. W&NAf 1930-2130 9880 11695 15230. Eu 2030-2230 7470 11600 (via Kirk Baxter, and Bill Matthews, OH) English language courses are sked in CPBS Pgm I at 0000 Mon/Wed/Thu/Fri/Sat; 0815 Mon/Wed/Thu/Fri/Sat (Tetsuya Kondo, ABI, via May ADXN)

CUBA LN-14

CHILE LVCH Mar-May sked: 0000 & 0130 15150 17800. 0230 11890 17800. 0330 & 0430 11765. 1100 & 1230 & 1330 17790. 1800 17890. 1930 17790. 2100 17790. 2200 15150 17800 (via Buxeda, PR)

ECUADOR HCJB J80: Nam 1200-1600 15115, 1200-1430 11740, 1300-1600 17890, 0030-0130 11915, 0030-0200 15155 (2nd pgm), 0030-0700 9745, 0130-0700 11910, 0230-0500 15155, 0500-0700 6095, SA 1200-1600 15115, Eu 1700-1730 21480 17790, 1900-2000 & 2130-2200 21480 17825 15435, 0700-0830 11835 15200, SPac 0600-1100 11900 6135, 0700-1030 9745, (DX Party Line 1/5) No mention of 26020, but it's on 24h, and I believe always carries EG during periods it is available (gh)

FINLAND R. Finland J80: 0330-0400 15400 NAM, 15430 NAM/ME, 0800-0925 Sun 15265 Eu, 21465 FE/Au, 0930-1000 6130 NEU, 11755 CEU, 15265 Eu/SAM, 21465 FE/Au, 1300-1330(Sun 1425) 6120 NEU(Sun), 11755 CEU(Sun), 15265 Eu, 15400 NAM, 1430-1500 6120 NEU, 11755 CEU, 15400 NAM, 21475 NAM/ME, 1930-2000 15265 Eu, 15430 Eu/SAF, 2130-2200 6120 NEU, 11755 Eu/SAM, 15270 SAM/Waf (FBC)

FRANCE RFI Paris Calling Africa J80: 1605-1655 25900 25820 21620 21595 21570 21515 17850 17720 15300 11845 (RFI)

GERMANY EAST RBI SEA's svc 0545-0630 comes in weakly but readably, 21465 good though weaker than 21540, QRMed by RSA-21535, and 17700, QRMoscow (Charles George, Dallas TX) Full sked, LN-14

GERMANY WEST DW May and presumably J80 sked: As 0120-0220 7210 7285 9690 11945 15235 (this last one can be quite good in ENAM if you want an hour instead of a half-hour pgm, depending on Iraq het), 0930-1030 11850 15225 15275 17780 17800 21540 21680, 1720-1750 9590 11735 15405 17825 21620, 2100-2200 7130 9765, C&Eaf 0430-0515 7150 7225 9565 (this one has excellent signal--Charles George, TX) 9765 11765, 1045-1115 11785 15410 17765 17875 21500 21600, 1715-1745 9735 11965 15135 21600, 1745-1805 15135 21600, Waf 0600-0630 9700 11765 11905 15275 17875, 1200-1245 15410 17765 17875 21600, 1930-2000 11905 15150 17795, NAM 0120-0150 6040 6085 6100 6145 9545 9565 9605 11865, 0530-0550 5960 6100 6185 9545 11705 9650 11905 (DW) This differs somewhat from the J80 sked from another source: 0120-0220 on 9, 11 and 15 MHz fqs only; 0530-0550 not on 6185, etc (World Radio-TV Handbook Newsletter (WRTH-NL))

GUAM KTRW J80; effective 15/5: 0745-0930 11840 345° to Japan, 1430-1500 15365 285° India (Wed & Thu also on 11880 285°-other days in Tamil or Assamese), 0000-0140 17855 285° India (via NASWA HQ)

GUATEMALA TGNA EG sked on 3300 9505 5955: 0330-0630, except Mon 0030-0650 (Adrian Peterson, JADX, via HCJB DX Party Line 6/5)

INDIA AIR ES compared to WRTH 80: 2245-0115 7215 11765 15110, to region V, 9912 11810 15375 VI, 1000-1100 VI & VII unchanged, 1330-1500 V too, 1745-1945 VIII 9715 15190(B); 1945-2045 IX, 1745-2230 X, 1945-2230 X no changes, 2045-2230 VII 11755 15110 (WRTH-NL)

ISRAEL Revised J80 IBA to Nam: 1200-1230 25640 17612 15605, 2000-2030 21675 17815 11610, 2230-2300 21710 21675 15582 11637 9815, 0000-0030 & 0100-0125 21710 15582 11637, 0200-0225 15582 11637 9815, 0500-0515 15582 15105 11637 (Israel Radio, PA, 2/5)

ITALY RAI J80: GB 1935-1955 11800 9710 7275, Mediterranean 0425-0440 7275 5990, NE 2025-2045 11800 9575 7235, SAs 0350-0410 11905 17795 15330, Japan 2200-2225 15320 9710 11800, NAM 0100-0120 11800 9575 (via Bob Reinecker, Coraopolis PA; gh)

JAPAN NHK J80: ME/NAF 2015-2045 15235 11855, NAM 2345-2445 17825 15270, NAM/CAM/Haw 0130-0230 21640 17825 17725 15235, Eu 0800-0830 21610 17870, 1830-1900 15420 11855, ANZ 0930-1030 15235 11875, SEAs 1115-1145 11875 9675, SAs/AF 1630-1700 15235 11705, General Service of 15 min on the hour (30 min at 1000, 1400, 2300): Am 0500-0715 15270, 0800-1815 9505, 1900-2115 15270, 2200-0415 17755, As 0100-0135 17880, 0400-1115 15195, 1200-2115 11815, 2200-2415 15195, Eu 0600-1115 17810, 1200-0515 15310 (Yoshiaki Hayashi, JADX, HCJB DXPL 17/5, EG extracted by gh)

KOREA SOUTH R. Korea: 0330-0415 GS & NAM 15570 11620 9640, 0730-0800 GS & Eu 15570 11810 9870 9640, 1000-1030 LAM/SEAs/Gen 11725 9570 9525 7275 6135 1170, 1100-1130 Korea 1143 603 558, 1245-1330 Eu/SEAs/NAM 15570 9815 7550, 1600-1615 ME 9870 6480, 1600-1630 NAM 11830 9720, 1800-1845 Ams 11830, 2000-2030 Af/Eu 11665 9870 7550 6480, 2300-2330 Gen/Eu/NAM 15570 15375 11590 7550, 2330-2400 Korea 1143 603 558 (WBI 4/80) Maybe some changes since /+

LEBANON R. Lebanon in the clear again, 11/5 & 12/5 on 15375, 0242; fair, splash from 15370 14 jammer (Jay Novello, NY) Must be a fluke; they have chosen fqs under stronger stns for the past three seasons; starting time of EG seems to vary a lot past 0230; missing 22/5 check(gh)

MALTA IBRA on new 9510 2015-2115, 23/4 (Bob Padula, Victoria) Gives address as Box 62, Bedford, UK (Padula, ADXN) Non-parallel pgm also on 11745 2045-2100 22/4 (Padula, ADXN) The 9510 pgm is Mon-Fri, hrd with gospel and pop (Wolfgang BÜschel, May WWDXC)

MEXICO XERMx, Voice of Mexico, has EG for 'Mexico in a Minute', 2100-2101 daily, 0030-0031 daily exc. Fri, 0400-0401 Sun only, 15430 only at 2100; other times also on 5985 9705 11770 17765 (Mark Schlesinger, May ASWLC) Reception surprisingly difficult from such a near station but their choice of bad fqs already used by US and other stns accounts for much of it; got them 22/5, however, a Thu at 0030, and there was no sign of EG minute (gh) 2100 too (gh)

MONGOLIA RUB noted 1220-1250 on 12070 29/4, 30/4, 1/5, 2/5, IS usually starts 1220; s/on amnt and anthem 1221, then news and commentary; then feature, Carrier noted on from 1210; cuts immediately after 1250*. Quite strong carrier, but muddy audio--a readable signal is an achievement. No sign of Soviet stn on fq (Michael Bolitho, Ont.) RUB EG at 1715-1745 hrd on 11850, SINPO 44333, says to SEAs, and also on 6380, daily exc. Sun (Ganguly & Sandhu, ADXR)

NEW ZEALAND RNZ's 'New Zealand Calling' program for US listeners, first billed as on the 1st and 3rd GMT Mondays, is now 'every two weeks', on these dates: June 2, 16, 30; July 14, 28; August 11, 25; September 8, 22; October 6, 20. Besides the 0530-0600 airing on 17860 and 15345 there is a repeat at 0845-0915 (not 0815 as I reported by error in some places -gh) on 11945. Apparently the parallel channel at that time, 6105, continues with usual programming. Signal strength and QRM vary widely fortnight to fortnight, so keep checking... (RNZ, gh)

NIGER Niamey 5020, 20 kW has English 1715-1730 Tue & Sat only to CAF, unconfirmed (C/Africa)

NORWAY (cf Apr LN-3) NRK J80 as shown except 25730 at 1800; no 9645 at 0400 (gh) ^(C/Africa) _{LN-14}

POLAND New name of R. Polonia is being used, and 0300 xmsn cut to 15 minutes (David Crichton) Right on the name, but I think the length of pgm varies widely up to 40 mins, buffered by coordinated variations in length of Polish segments (gh)

PORTUGAL R. Portugal announced this new J80 sked 5/5: 0300 ENAm 11925 15125. 0500 WNAm 9575 11925. 1600 India/ME 21530. 1800 Af 17880 21530. 2030 Eu 6025. On Sundays there is no 1600 xmsn, the Af is at 1700 on 17880 only. Tho they did not say so, Sun + GMT Mon pgms are cut to 20 mins from the usual 30, for weekly Esperanto segment; and the 1600 broadcast apparently dropped. Note the considerable changes in fq usage (gh) 5/5 amnt like that except 2030 also 9740 (WBI 8/5) Not when I heard it (gh) Check, on NAM fqs (Jack Lattemann, Seattle WA)

SOMALIA ES in EG on 50 kW 9585 to Naf/ME is at 1100-1230 (QTH Africa 5/80) Typo for 1100-1130 I wonder, cf Apr LN-16 (gh)

SOUTH AFRICA R. RSA J80: 0256-0426 Eaf 9585 7270 5980 4990 3995. 0556-0700 Waf 21535 17780 15220. 1056-1156 C&Eaf/Eu 25790 21535 15220. 1258-1550 C&EWAf/Eu/ME 25790 21535 15220. 2056-2150 Waf/Eu 15155 11900 9585. 0156-0250 NAm/Canada /sic/ 11900 9610 9585 5980. SABC Domestic SW svc to SWAf & NW Cape: 0358(Sat 0430, Sun 0500)-0615 & 1625-close on 4835; 0620-1620 on 11790. Bilingual R. South Africa/R. Suid-Afrika, 2200-0300 on 3250; R. Five 0300-0545 & 1535-2200 on 3250; 0550-1530 7170 (R. RSA)

SPAIN SFR J80: Eu 2010-2200 9765 11840, 2110-2200 7105. Nam 0005-0155 & 0515-0615 9630 11880 (WRTH-NL) As of 20/4 on new 9765 and 11870 2000-2210 (Bob Padula, Victoria)

SWAZILAND TWR J80, confirmed by monitoring: 0430-0630 3200 & 6070, both 25 kW. 0645-0835 on 7295 11760, both 25 kW. 1200-1400 7295, 25. 1530-1700 11740, 100 kW. 1600-1700 3365, 25 kW. 1800-1930 (Mon 1945) 3200, 25 kW (QTH Africa 5/80) Tnx also to Charley Hoffman, Manheim PA; C. Vernon Hyson, Plain City OH; and Baxter W. Hensley, El Paso TX, for copies of TWR sked, which unfortunately does not specify frequencies (gh)

SWEDEN R. Sweden J80: 1100 9630 Eu, 21690 ANZ. 1230 21690 Af, 21635 EAs. 1400 21700 SAs, 21615 Nam. 1700 1179 Eu, 6065 Eu, 15355 SAs/ME. 1830 1179 6065 Eu, 15240 Af. 2100 1179 Eu, 15320 ME, 15240 Af. 2300 1179 Eu, 11705 15380 Nam. 0230 11705 15290 Nam (gh)

SWITZERLAND (Cf Apr LN-3) SRI did not change to 11780 from 15305 at 0700 & 0900 (Harold Sellers, CMS Telegram) RFI's blatant usurpation of 21570 causing QRM problems for SRI in Nam. At 1315 24/5 I found 21520 both clearer and stronger from SRI (gh)

TAIWAN BCC VOFC: 0100-0200 Nam & AuAs 17890 15345 11825. 0300-0350 Nam & AuAs 17890 15345 15270 11825. 2130-2230 Af/ME/Eu 17720 15225 11860 9765 9610. 2140-2240 Nam & AuAs 17890 15270 11825 9685 (WBI 1/5)

TURKEY (Cf May LN-13) VOT J80, apparently 11885 and 11895 should not have been listed at 2200 but just at 2030 (gh) M & J80 sked from them shows 2050-2150, suspect typo (Ed Stone, NY)

UGANDA R. Uganda noted 26/4 on 15335 at 0320; next day back on 15325, which has a good signal from some other stn (David Crichton) Moscú (gh) ES observed: 0300-0430v 15325 Nam. 1615-1730 v 9685 Saf, exc Sun. 1800-1900 15250 ME/Eu. 1930-2030 9685 Waf exc Sun (QTH Africa 5/80)

UKOGBANI The jumping around the 25mb to Nam from BBCWS J80 in skeds has been avoided; instead is on 11910 2300-2430, 11835 0030-0230 as before (BBC WRC 4/5) Otherwise, I think these Nam skeds are correct: 21710 1300-1745. 17830 (Sat/Sun 1500)1600-1709 (Sat/Sun 1745). 15420 2115-2430. 15400 1500-1745. 15260 2200/why pretend it isn't audible from 2000?-0230. 15070 1100-1745/why pretend it isn't audible nearly 24h a day?/. 11775 1100-1330/this has been expanded at the expense of 17840 at 2000-2115/. 11750 1300-1615. 9590 2300/actually 2200?-2430 9580 0000-0330. 9510 1100-1330, 0445-0915. 7325 2300-0330. 6175 2300-0730. 6120 2300-0430 /actually an hour earlier, I think/. 5975 0000-0430 (BBC)

J80 English by Radio sked: Eu 0430-0445 3955 6195 7120 9570 11945 15280. 0645-0700 810 1296 6150 7260 9825 11945. 0730-0745 648 1296 6195 7230 9915. 1115-1130 (Sun) 810 6125. 1130-1200 810 6125 11905 11945 15390 17800 21570. 1230-1300 15245 17740 21695. 1645-1700 810 6195 9600 11905. 1845-1900 9600 15310. 1900-1915 6050-Cyprus. 2115-2145 720 6070 7140, all Cyprus, 2200-2215 1296. Lam: 2145-2200 weekdays 11820 15385 Ascension; from Singapore unchanged from WRTH 1980 (WRTH-NL) This covers EbyR in English only; numerous other such pgms in lang services, many called 'Radio Rainbow' (gh)

URUGUAY SODRE Int'l Svc sked now effective: 2245-2330 & 0015-0100 11885; 0145-0230 & 0315-0400 on 9515 (D. M. Faccioli, Uruguay, WRTH-NL) Maybe, but notoriously unreliable station (gh)

U S A AFRTS J80: 0900-1100 11805 9700 9590 9575 6030. 1100-1200 15430 15330 11805 9700 6030 1200-1600 15430 15330 11805 9700. 1600-1800 17765 15430 15430 15330 11805. 1800-0200 21570 17765 15430 15345 15330. 0200-0430 21570 17765 15430 9755 6030. 0430-0700 17765 15430 15330 9755 6030. Via Philippines 0100-1900 21670, 1900-0100 11835. See LN-8 for some SSB fqs (gh)

VOA J80: Eu 0300-0700 3980 6040 7200 9770 15245, 0500-0700 5955 6060 17815, 0400-0600 7230, 0600-0700 7325, 1700-2200 9760 11760 15205, 1900-2200 6040. NAF 0500-0700 5995 9670, 1700-2200 17785, 1700-1900 15150, 1900-2200 15140. ME 0300-0700 6040 11925 15205, 0300-0500 7200, 1500-2200 15205, 1500-1800 15260, 1500-1830 9700, 1700-2200 9760, 1830-2200 11760, 1900-2200 6040. E&CSaf 0300-0600 6035 7280 15160, 0300-0530 15240 17865, 0300-0500 11835, 1600-2300 15445 17870, 1600-1900 21610, 1600-1800 9575, 1900-2300 21660. WAF 0600-0730 3990 6035 6080 6125 7280 9530 9740 11915 15330, 1600-2300 7195 17710 21485, 1600-2200 15410, 1800-2300 3990 6045, 1900-2300 15250, 2200-2300 15415. SAs 0100-0430 7105 11755 11925 15180 15205 17740 21540, 1300-1830 6110 7105 9645 9760 15205, 1300-1530 15405, 1500-1830 9700, 1500-1800 15260, 1530-1830 15395. NAs 2200-0100 15290 17740 17820 21460 and 26000 (to 2400), 1100-1500 9545 9565 11715 and 15425 (to 1400). SEAs/Indo 2200-0100 9770 11760 15185, 1100-1500 6110 9760 15160 21615. Oc 2200-2400 11760 17740 26000, 1100-1400 15160 15425. LAm 0000-0200 6130 9650 11740 15205 17730 (WRTH NL)

U S S R RMWS noted as of 23/4 expanded to 24h, now concurrent with both NAm svcs, audible after 2300 on 15460 and after 0200 on good days on 21490 21530 (gh) Obs 23/4-24/4 as follows: 2300-2400 15460 15360 11755. 0000-0100 15360 15255 11845 11755 9600. 0100-0200 15460 15360 12000 11845 11755 9600. 0200-0300 15460 15360 12055 12000 11845 11755 9600. 0300-0400 15330 12000 11845 11755 (WBI 24/4) On his 4/5 DX pgm, Kuznetsov gave these primary RMWS fqs for the 'spring to fall season': WEu 2100-2000 /the other hour is the British service/ 15.24 15.53 11.63 9.47 9.68 9.86 12.01 11.73 9.78 9.60 7.33; also days on 15.15 15.37 17.84. NAm 21.56 15.45 11.75 11.77 11.96 12.05; 1100-2000 15.15 17.84 11.72 11.84/Cuba/. SEAs 21.49 21.69 17.88 17.86 15.26 15.14 11.77 11.78. ANZ/FE 21.53 17.73 15.31 15.39 15.13 11.77 12.07. Af 21.75 21.56 21.61 21.74 17.88 17.73 15.51 15.34 11.71 11.74 12.- 12.05. NSME 21.53 21.45 17.71 17.88 15.11 15.32 15.21 12.05 11.97 11.71 9.76 7.30. After August, 31m would be added to NAm, and after 7 Sept, 21.56 for NAm service. Some of these are 0.005 MHz higher (gh)

Regional stns obs as follows from 23/4: Kiev announced Eu 2000 11880 9560 7175. 0030 NAm 17870 15405 15275 15180 11735; 0300 17870 15100 11965 11790 11770 9580. In fact, the 0030 & 0300 are hrd on unannounced 9800 (at 0300 here, only on that one!); 15275 and 11735 by far the best. Vilnius also best hrd on unannounced 15275 11735 at 2300-2330; also announced 11770 11790 15100 15405 17870, of which only the last was audible, and 11770 was R. Moscow N. American svc. V. of Yerevan Sat/Sun/Wed/Thu 0352-0358 hrd on 17870 15405 15180.

R. Moscow NAm Service at *2300 24/4 anc'd: 17.70 15.52 15.24 15.10 12.05 12.03 11.96 11.92 11.77 11.75 11.72 11.71 0.60. 15525 very good but brief, 12030 excellent thruout and the others can be written off as nothing but QRM to many other stns (gh)

R. Tashkent 1200-1230 & 1400-1430 on 15460 11785 9750 9715, latter two blocked by KGEI and HCJB respectively (William A. Matthews, OH) At 1200; in past 11785 was Alma Ata site; 15460 best by far here at 1200 (gh)

VATICAN Vatican Radio sked taking into account DST time changes in some pgms, to Eu & NAF: 0100-0115 NAm 11845 9605 6015. 0445-0500 Eu 6190 1530. 1115-1130 (not Sun) Eaf 21485 17840. 1200-1215 (not Sun) C&WAF 21485 17900 17840. 1345-1400 GB&I 11740 9645 7250 6210 1530. 1500-1515 (not Sun) SAs 17825 15120 11810. 1600-1615 Eaf 17900 15120 11830. 1930-1945 GB&I 9645 7250 6190 1530. 2045-2100 C&SAF 15120 11700 9625. 2115-2130 WAF 15120 11700 9625. 2210-2230 AuAs & SEAs 11830 9615 7235 (VR 4/80 via WBI) 6190 likes to wander above 6200 (gh)

VIETNAM VOV says it is reorganizing ES as of 15/5: EG to India & SEAs at 1000, 1100, 1330, 2330 on 12035 and 10040; Eu 1800 & 2030; Af 1530, on 15012 10040. There had been 3 half-hour pgms to SEAs, and two hours to Eu; none to Africa (WBI 8/5) VOV hrd 2100-2130 on 10040 and 15008.5-15009, not on 15012; no trace of 14990. Programming has improved slightly with some nice musical intervals (David Woodward, Washington DC, 16/5) more, LN-15 YUGOSLAVIA LN-8

ZAMBIA R. Zambia ES obs as follows: 0550-0715v 11850 50 kW Sun only to SAF. 1050-1215v on 17895 50 kW Sun SAF. 1550-2100v 9578 50 kW SAF (QTH Africa 5/80)

AFGHANISTAN LN-14

MISCELANEA RADIAL ALBANIA R. Tirana ES in Standard Chinese observed: 0500-0600 16230 14320 10510. 1100-1200 same. 1300-1400 14320 and 10510 kHz (WBI 24/4) Really far out (gh)

ALGERIA RTA on new 21725 at various times 1600-0500, quite possibly 24h. Has four pips (3 short, one slightly longer) across the hour, tho pgming does not pause. IDs in AR thruout as 'Ida' at El-Jumhuriyati El-Jazairiyah'; peaks 0000-0100; since 10/5 (Bob Hill, Redwood City CA) Arabic play at 0625, good level 6/5 (Bob Padula, Victoria) Most of day (Noel Green, BBC WRC 21/5) Algerian Radio reported 24/4 that at local midnight that day clocks would be put forward one hour, to GMT + 1. All radio pgms are now heard one hour earlier, including ES in EG at 2000-2030 and SP 2030-2100 on 11810 11740 7195 1304 251 (WBI 1/5) See LN-1, 14

ANGOLA Bob Padula reports Em. Prov. do Malanje on 4944 at 2245 (R. Australia DX 4/5) cf MOZ.

ANTARCTICA After 5 months of inaudibility, LRA-36, 6030 is being heard again since 1/84 (Emilio Pedro Povrzenic, Argentina, ORF Spanish DX 23/4) AFAN McMardo, 6012, hrd 26/4 0820 pop mx and EG anmts, quite strong; first time hrd this year (7 DXers at Yarram, Vic., ADNX)

ASCENSION BBC hrd on 30210 and 30800 around 1600, 2nd harmonics (Richard Ginbey, RSA, DXJB)

AUSTRALIA New stn '3RPH', Radio for the Print Handicapped, Melbourne, 500 watts on 1705 kHz, was due to test late April; regular pgms in June. Studio is in Alfred St, Prahran; home-built xmtr sharing mast with '3CR'-837, Collingwood (Ian Stanley, May ADNX)

BELGIUM BRT stopped deliberate overmodulation and may get audio processor (Jim Conrad, IA)

BHUTAN NYAB confirms current sked as 0600-0900 Sun on 7040, and Wed/Fri 1100-1400 on 4690. BST is GMT + 6. English for last 30 mins of each xmsn; at least 15 mins of pgm details required for QSL. 300 w xmtx to inverted V dipole antenna; no current plans for power increase or extended hours (Andy Sennitt, WRTH & WMR DX via DSWCI SW News May) more LN-14

BOTSWANA R. Botswana stays on the air now: 3356 0400-0630 (Thu-Sun 0530), 1455-2100. 4855 at 0400-0630 & 1425-2100. 5965 0900 (Thu-Sun 0540)-1445. 9590 0900 (Thu-Sun 0640)-1415. School broadcasts are carried Mon-Wed on same sked as Thu-Sun (Richard Ginbey, RN DXJB 8/5)

CAMEROON Per info direct from stn, R. Bafoussam is using 5955 at 1100-1430 and 4000 at 1630-2230. Both 20 kW (Paul Karagianis and D. Kenny, UK, QTH Africa 30/4) Now hrd regularly on 4200 with local pgms in FR & verns, some Yaoundé relays; *0430 smnt in EG & FR, 'This is Bafoussam, Provincial Station of the Broadcasting System of the United Republic of Cameroon', FR to 0500, English nx 0500-0505, then feature pgm in EG. Addr: Box 230, Bertoua, Eastern Province (Manfred Beyen, WDXC, via WRTH-NL) R. Cameroon hrd in FR around 11751 (not 11750) 1930-2010 28/1, but not hrd on 25mb since (Erhard Fritsche, DDR, SCDX 29/4)

CAPE VERDE Voz de São Vicente, 3930.5, 8/4 2322-2400, western-influenced pop mx including disco/soul/CSW etc till two note gong and ID 2331, then Port style fado guitar till abrupt 'boa noite' and off with anthem but no ID; strong, and clear channel (Gordon Darling, WDXC)

COLOMBIA (Cf Mar LN-6) R. Mira, 6015 hrd at 1145, first time hrd in a while (Smith, AL, April GO-DX) R. Nacional, in Spanish, poor mod. 2300 on 13700 (Serrano, Spain, SCDX 6/5) Could be considered the first broadcaster in the new 22 meter band, but is presumably via fixed facilities as is the 15500 I heard reactivated 30/4 0215 on SSB, classical mx (gh)

COMORO ISLANDS Moroni with usual *0300 around 3330 playing with CHU; started out on low side, and kept moving around under CHU; xmtx trouble? Last time hrd they were rock steady on high side of CHU (Bill Whitacre, MI)

CHILE LN-14

CONGO Brazzaville hrd at various times of day on 19430 and 29145, harmonics of 9715 (Ginbey)

COSTA RICA New station! on 6075a hrd 27/4 0900-1000, ID says 24h, fair strength but muffled audio, no ads, CST TCs, R. Rumbo, in WRTH as on 6175 and 525 (Maxfield Greenwood, PA) I checked 7/5 0800-0900, measured 6076, ID at every break as R. Rumbo, TICAL, 24 horas diarias de transmision continua. Also, "La frecuencia de los éxitos", TCs 1 min slow (gh) Since 28/4, R. Rumbo obs from Cartago on 6075, announced 24h; mx only; call as TI-CAL and gives 525 kHz and 90.3 MHz fq's also (WBI 8/5) For the record, I hrd R. Rumbo on 19/4 but was too tired to ID! Will I learn! 0735+, GMT-6 TCs, MOR vocals, SIO 454, 6076 (Jay Novello, Endwell NY)

EGYPT Cairo is heard around 1500 on 19700 and 29550 (Ginbey, RSA, RNDXJB) 9850 harms (gh)

FRANCE RFI 3965 kHz hrd 20/5 0355-0431, fair to poor; ARO QRM. Parallel African svc 17850 17800 15300 15135. 3965 not listed in their latest sked, but in WRTH as Allouis 4 kW (Charley Hoffman, Manheim PA)

GREECE LN-14

GABON RTVG spur 16/5 2340-2400 on 4734.0, from 4777; loud, LSB with carrier; complementary spur on 4820 very weak in QRM and QRN; one day only (Richard Stoller, Old Bethpage LINY)

GERMANY WEST DW has taken over 17795 2155-0320 thus interfering with Norway 2100-2230 and Australia 0100-; jamming sets in after 0330 (John Santoro, Oceanside LINY) At 0845 on 15320 was listening to a potentially exciting stn; if it were not for WRTH I could have wasted hours and hours chasing a wild goose--it was DW in Dari and Pushto, a very deceptive format, no IS or recognizable IDs; only clue was various mentions of Schmidt (Maxfield Greenwood, Devon PA)

GRENADA Many reports have been appearing about RFG passing coded messages and other subversive actions. I wouldn't doubt this one bit. Reports out of Barbados say Grenada is totally communist, and the USSR is presently constructing a massive airbase, and many Cubans are also said to be on the island (Steve Webster, CMS Telegram 20/4) Don't confuse with SAC Skyking(gh)

GUAM KTRW J80 (for EG see LN-2). Xmtx One: 0458-0700 Mandarin 17855 285°. 0815-0957 Mandarin 11735 315. 0958-1057 Indo 15240 255. 1058-1130 Cantonese & 1130-1329 Mandarin 285, 1330-1429 Indo 255, all on 11735. 1430-1600 Tamil/Assamese/EG/Bengali/Hindi 285. 2058-2129 Mandarin & 2130-2158 Japanese 315. 2159-2257 Indo 15230 255. 2258-2359 Mandarin & 0000-0029 Cantonese 17830 285. 0030-0130 Indo 17830 255. Xmtx Two: 0458-0700 Mandarin 15135 315. 0930-1059 Japanese 11840 345. 1100-1258 Mandarin 15350 315. 1259-1358 Japanese 15350 345. 1359-1429 Russian 15350 315. 1500-1530 Bengali 15365 285. 1530-1600 Hindi 15365 285. 2058-2129 Russian 11750 345. 2130-2229 Japanese 15135 345. 2230-2259 Mandarin 17855 285, 2300-2359 Mandarin 17855 315 (via NASWA HQ) Oops, the fq at 1430 is 11880, 2058 11800, Xmtx One.

GUATEMALA AWR 15/4 on 5980 0330-0502*, EG & SP, Adventist pgms but no DX program, rats! (Gary Diekman, Parkersburg IA) Occasionally checked here and not hrd for several weeks (gh)

HONG KONG R-TV HK first obs 29/3 on 3943 *1055-1115*, weather; also noted in EG 1700-1900 including BBCWS relay at 1800, suggesting 24h sked (Shigenori Aoki, Atsunori Ishida, et al. of NDXC via ADXN) But, see LN-9

HUNGARY R. Budapest registered 25645 with ITU for J80, 250 kW to ANZ 1000-1100 & 1330-1400; this reflects earlier timings; now would be 0900-1000 & 1230-1300; if actually used, this would be their first time on 11m (Bob Padula, May ADXN) Budapest found on new 21505 Spanish 0000, Hungarian 0030, good 6/5 (Bob Padula, Victoria)

ICELAND (Cf May LN-4) The days of 12175 doubling as a BC relay are numbered. I called the stn and they said the 1800-2000 pgm registered on 11855 and 15420 may start at end of May or

early June, also for Icelandic seamen, replacing 12175 at 1200-1300 (Finn Krone, AWR DX, via DSWCI SWN May) 9565 also registered for this; xmtr at Gufunes in SE Iceland, 10 kW, 147° (David Sapsford, UK, via WRTH, via DSWCI SWN May and ARDXC May) of JAPAN, LN-2, R. Japan Eu svc also on 11855 and 15420 1800-1930!, hrd in GM-EG-RS 9/5 on 15420 (John T. Arthur, Potter Valley CA) So beware of ID by paralleling (gh) Iceland hrd on 15420 7/5 at 1930 after Japan closed (Martien Groot (?), Netherlands, SCDX 20/5) Checking at 1945-2000 24/5, I heard nothing on 15420 but WYFR-15425 splash; Saudi only on 11855, and nothing on 9565 (gh)

IRAN 9022 apparently abandoned, along with the ES; not noted since 1/4; 9033, 9084, 15084 parallel used for DS, all fair to good (Stephen Knudde, Providence RI, unquoted) VOIRI has been shifting from 9022 lately to 9033, and a few times noted as low as 9009 QRMing Israel. Over the last 10 days they have remained on 9033 (Steve Webster, CMS Telegram 16/5)

IRAQ BSRI Baghdad is on new 15234 2200-0100+ in AR for western hemisphere; fair-good dual stronger 11825; both have annoying whine on carriers making listening unpleasant. On the half hour, 3 pips are followed by 10 mins of nx; since 11/5 (Bob Hill, Redwood City CA)

JAPAN Strangely, WRTH 80 completely ignores the NHK HS outlets on SW, but now we have this sked (gh) 3259 Sendai 0800-1300. 3377.5 Osaka 0800-1300. 3607.5 Hiroshima 0800-1300; Tokyo 1000-1300. 3970 Nagoya 2000-0600, Matsuyama 0600-1100, Sapporo 1100-1200, Matsuyama 1200-1500 6005 Matsuyama 2040-0100, Fukuoka 0100-0230, Matsuyama 0230-0425, Fukuoka 0500-0700 & 0800-0840, Nagoya 0840-1500. 6130 Kumamoto 2000-1500. 6175 Tokyo 2030-2330, Hiroshima 0000-0200. 6190 Osaka 2030-0530, Sendai 0330-0800. 9535 Hiroshima 2330-2400, Matsuyama 0100-0130, Sapporo 0135-0205. 9550 Tokyo 0100-0700 (Derek Lowe, William Widrig, Tahashi Uetahi, FT, ADXN)

JORDAN Hrd in AR on 7155 at 2251-2332*; nx at 2300, much Arabic music/singing; anthem at s/off, 5/5 (Richard A. D'Angelo, Wyoming PA) Good chance at a rare station (gh)

KALAALIT NUNAAT Per recent QSL Grønlands Radio only uses 3999 on SW as of 1/3 when all others were discontinued. Also said all utility telecomms from Godthab are now via satellite (Don Moore, Bellefonte PA)

KASHMIR AZAD Recent obs of AKR's 4980 show it used for Kashmiri & Urdu 1415-1800, including relays of R. Pak's DS nx in Urdu from Karachi at 1500-1520 & 1745-1755 (WBI 24/4) KENYA LN-14

KOREA SOUTH V. of Hope hrd once on 1/3 at 2259* with ID and fq anmt, not hrd again, on 26015 (Peter Jones, NZ, NZDX Times) Could they have been harmonizing from 6504? (gh)

LAOS RNL, Houa Phan, 6173½ obs 27/4 and 10/5 at 1140-1158*//4654v: usual crooning lullabies echoed by a native instrument (sounded like the performer was blowing into a pig bladder) (Bob Hill, Redwood City CA) I see (gh)

LIBYA LN-14

LIBERIA -ELWA hrd on 4765 7/5 and 8/5 at 0630, local nx in EG; 8/5 *0556 (Harold Sellers, Ont., CMS Telegram, 16/5) Nom. 4770 (gh) VOA hrd at 1600 on 30890 (Richard Ginbey, RSA, RN DXJB 8/5)

MALTA Mohamed Sweidan, Dir., Voice of Friendship & Solidarity, P.O. Box 17, Hamrun, Malta recently verified report on Tripoli 17930 & 11715. From Malta: 0600-0800 & 2130-2315 1557; 0600-0800 5980, 0800-0800 5960; 1800-2000 5960; Fri 0600-0800 7135, all in AR. In IT Sat+Sun 1000-1045; EG daily 1500-1530 7120. Sent reception log and offered free copy of 'The Green Book' by Col. Qaddafi (Gordon Pilling, UK, WDXC Contact May)

MEXICO Here is the govt's official list of SW stns, supplied 28/3 after a two-month delay following a request by RIB correspondent Horacio Hinojosa Arce, Monterrey. Any resemblance to reality is purely coincidental; many of these stns have been inactive for years; however, some entries may reflect stns which will come on the air sometime, so it may be of some value: (gh)

5960 XEUMT Sisogüfich, Chih.	1400-0100	6140 XERHH (sic--was XERJU)	Chihuahua, Chih. 16-06
5980 XEUX Linares, N.L.	24 h	6145 XEINI Tlaxiaco, Oax.	1200-0600
5985 XERMX México, D.F.	1400-1600	6165 XEWW México, D.F.	1200-0600 (Ing. Clemente Pérez Co-
5010 XEYU México, D.F.	1200-0800	6185 XERPM México, D.F.	1400-0400
5020 XEUV Veracruz, Ver.	1130-0500	9515 XEWW México, D.F.	1200-2200 rrea, Direc-
5035 XEUL México, D.F.	1200-2000		(sic) 2200-2400 tor General,
	& 2300-0300		(sic) 0000-0100 Sección de Ra-
5045 XEUL (sic--was XEQX)	1200-0400	9545 XEPT (sic, was XEFT)	0000-0600 diodifusión,
	San Luís Potosí, S.L.P.		Veracruz, Ver. & 1200-1400 Oficina de A-
5065 XEGE Texmelucan, Pue.	1200-0600	9555 XEQK México, D.F.	1200-0600 signaciones,
5090 XECMT Cd. Mante, Tams.	1200-0300	9600 XEYU México, D.F.	1300-0500 Dept. de Fre-
5105 XEGM (sic--it's XEQM)	1200-0500	9705 XERMX México, D.F.	1400-1600 cuencias Ra-
	Mérida, Yuc.		2300-0400 dioeléctricas,
5110 XEUL México, D.F.	1200-2000	11720 XERTA México, D.F.	1200-2000 Subdirección
	2300-0300	11740 XEMP México, D.F.	0600-0800 General de
5115 XEHB México, D.F.	1600-0230	11770 XERMX México, D.F.	2300-0400 Permisos y de
5120 XETS Tapachula, Chis.	1200-0130		(no mention of XERMX 15430, 17765) Asuntos Internacionales, Dirección General de Telecomunicaciones, Secretaría de Comunicaciones y Transporte)

OROCCO Hrd on 30670 at 1400 (Richard Ginbey, RN DXJB 8/5) 2 x 15345 (gh)

ROZAMBIQUE Provincial stn previously reported on 4975 has now been positively IDed as Nampula and has moved to 4945,+1730-2030+; nominal 4938, 7.5 kW (QTH Africa 30/4) cf ANGOLA, LN-4

EPAL R. Nepal's CE in his annual report said 3425 and 9590 were hrd thruout the Kingdom, but due to listener complaints about reception, 5005 might be used instead of 3425 during the summer only; total of 85 h per week on SW; fqs assumed from mb references (WBI 24/4) NICAGUA 14

PAKISTAN R. Pakistan 17/5 0500 on 21700, SIO 353; audio dropouts like bad audio connector; new freq, apparently native lang, nx, 0510 mx, 0530 'magazine' pgm (Clif Brown, Chicago IL)

PERU (Cf Apr LN-9) 6140 unID Tony Jones reported is R. Huallay, Pasco, tentative sked 1000-0500, supposedly 5 kW xmtr operating at around 2 kW. Govt says (I wouldn't put all my trust in it) address is same as old R. Pasco. By the way, Oriente, 3285, is reactivated and stronger than Huallaga. (Kevin L. Meyer, Lima, Peru, 27/4 & 1/5) more, LN-14

PORTUGAL RDP SW relay of DS Pgm I is hrd 0630-1830 on 11925, 1830-2400 on 6155 (WBI 17/4) I'm sure there's a very good reason why RDP was on 19774.2 +1510-1615+ at least 15/5, with ES in PT, but I can't imagine what that reason is. Can you? (Richard Stoller, Old Bethpage NY) No

RWANDA RRR operates as follows per their QSL: 6055 50 kW & 3330 5 kW M-F 0300-0600 & 0900-1200 & 1330-2100; Sat 0300-0600 & 0900-2100; Sun 0300-2100. Langs include Kinyarwanda, Kiswahili, French and EG. Ants are omni-directional (Ed Kusalik, Ont., CMS Telegram 16/5)

SAUDI ARABIA V. of Saudi Arabia J80 sked in AR (to Arab World exc. as indicated): 0300-0730 & 1000-2300 5875 7220 9720 11950; 0500-1500 11870; 0300-0830 & 1000-2300 7290; 1500-1700 15060 1100-1700 21505, 1700-2300(Eu) 15060, 1700-2000(ENAm) & 2000-2300(WNAM) 21600. Holy Qu'ran: 0600-0800 17805 21505, 0800-1100 1720 21615, 1800-2100 11685 15435 (WRTH-NL) more, LN-14

SEYCHELLES FEBA final J80: 6140 0040-0145. 9575 0100-0145. 9565 1640-1730. 11805 0925-1000. 11850 0310-0520. 11855 1210(Sun 1155)-1630. 11860 1635-1800. 11865 0040-0100 & 0155-0300. 11955 1825-1845(Sat/Sun 1900). 15155 1800-1850. 15160 0655-0800. 15325 1210(Sun 1155)-1630. 15360 0445-0520. 15400 0305-0445. 15405 0155-0300. 15430 0915-0950(T/T/S/S 1005). 17785 0655-0800 (FEBA)

SIERRA LEONE SLBS hrd with super sigs 20/4 on 5980 at *0601-0722 tuneout. Maybe they've upped power? Ads fun to listen to, Heinen beer; a medicine that keeps your family 'malaria free'. 0601 on in middle of prayer, ID 0606, and gave pgm summary for the entire day. 0610 'Voice of Salvation' pgm. At 0630 a news summary in local langs, 0650 EG nx, 0700 BBCWS relay (Scott McClellan, Battle Creek MI)

SOLOMON ISLANDS LN-14

SOUTH AFRICA SAUK DS on SW in Afrikaans: 0348(Sat 0427, Sun 0457)-0620 & 1555-closing on 4880; 0625-1550 on 11885, both to SW Afrika; to NW Cape: 0348(0427 Sat, 0457 Sun)-0520 and 1755-closing on 3965; 0525-1750 on 9560 (SAUK)

The Nov-Dec 79 'Communications Africa' contains this highly informative passage: "The concept of Capital Radio was born about three years ago when three South Africans, Dr. R. J. Bruce, Mr. J.T.M. Moody, and Mr. M.S. Rattle started thinking along the lines of setting up a commercial radio station to compete directly with South Africa's gov't-operated SABC for the lucrative radio advertising market. It soon became obvious that the Republic of Transkei was the ideal location for the station and negotiations were entered into with the Transkei government. In exchange for supplying the bulk of the 6.7 million rand finance, Transkei was allocated 51% of the equity." In short, Transkei has financial control of the station and the Transkei administration is in turn a puppet of the South African gov't. Capital Radio is no more a private stn than is R. Monte Carlo, Europe No. 1, or DW's R. Antilles. The article attempts to minimize this connexion: "The station will broadcast exclusively in English despite the financial involvement of the Transkei gov't. It will follow a strictly non-political approach and the Transkei gov't has undertaken not to interfere on editorial level." (May SWNS) Capital Radio is again somewhat erratic with xmsns on 3950 in the GMT evening, but still using 7160 daytime (QTH Africa 10/5) Transkei 6/5 0430 on 3950, fierce ham QRM (Syd Osterman, Ont.)

SRI LANKA A letter from TWR says they are announcing in Hindi as they are forbidden to the even /sic/ English annts according to their contract with the gov't of Sri Lanka (José Jacob, ADXR)

SURINAM WPM reports that he received a telegram 2/4 from the dir. of R. Apintie, Mr. E. Verzuift, saying the antenna directed towards Holland was ready, and would be starting tests that evening, to continue until 11/4; test pgms would run to 0530, but xmtr would stay on the air afterwards. Power was 50 watts, but antenna supposed to have 10 dB gain. It may be coincidence, says WPM, but SRS added an extra hour to its sked since the Apintie tests, and now runs weekdays to 0430. The plan seems to be to relay R. Apintie's DS for the Surinamese population in Holland. It is probably the most popular radio stn in Surinam, and Surinamese in Holland were pleased to hear of this development (Andy Sennitt, May DSWCI SW News) IS with 50 W! (gh)

SWEDEN J80 SW SSB relay of Swedish DS Pgm I via 100 kW Varberg xmtr: 0530-0700 21550 80°. 0700-0900 21550 110° (Sat/Sun). 0900-1100 21555 110°. 1100-1700 21555 170°. 1700-2030 21645 250° (R. Sweden)

TAIWAN BCC VOFC ES to Mainland (SW part only): 1000-1130 Mongolian 11905. 1045-1600 Cantonese 9690, Hakka 3335. 1140-1310 Tibetan 11905, 1330-1500 Uighur 11905. Std Chinese 2045-1000 & 1045-1900: 2045-0100 11905 9690 7250 7150 6565 6087 6040 3335 3230. 0100-0345 7250 6087 6040 3335. 0345-0700 11905 9690 7250 7150 6565 6087 6040 3335 3230. 0700-1000 11905 9690 7150 3230. 1045-1600 7250 7150 6565 6087 6040 3230. 1600-1900 11905 9690 7250 7150 6565 6087 6040 3335 3230 (WBI 1/5)

TANZANIA R. Tanzania monitored sked: Nat'l Sce: 0600-0700 4785 5050 9685. 0700-1300 9685 & announced but untraced 41mb fq. 1300-1500 4785 9685. 1500-2100 4785. Commercial Sce: 1300-2015 5050. Schools Sce: 1200-1255 9750. Ext'l Sce: 0900-1030(Sat/Sun 1530) 9750. 6105 has not been hrd in the past month (Andrea Sella, Kenya, QTH Africa 30/4) ES also using 15435 at 1530-1945v, EG and verns (Miki Včelař, ibid.) 3rd harmonic on 29250 provides better reception than the fund (Ginbey, WRTH NL) around 0900; also 19500 occlly, 30870 at 1530 (Ginbey, DXJB)

TURKEY LN-14
UGANDA strong on 5027 around 1900 (Noel Green, UK, BBC WRC 21/5) Kampala has returned to its old fq 5027 in the GMT evenings (Paul Karagianis, UK, QTH Africa 10/5) Noted on 5027 at 1600-2108 with HS in EG, FR, SH, with EG nx at 2100 as sked. No sig obs on another Kampala fq of 4976 however (Miki Včelaf, ibid.) Ugandan soldiers, increasing their pressure against Pres. Godfrey Binaisa, took control of the official radio stn and post office in Kampala yesterday and declared all foreign currency dealings were suspended. The soldiers, backing army chief of staff Brig. David Oyite Ojok in a power struggle with Binaisa, stopped short of attempting a full-fledged coup. Their moves prevented Binaisa from broadcasting messages on the state radio, but there was no announcement that he would be replaced or that martial law had been imposed (AP, Philadelphia Inquirer, 12/5, via Maxfield Greenwood, Devon PA) more 5027 LN-15

UNITED ARAB EMIRATES Dubai Radio & Colour TV noted with EG ID and AR HS relay 0405 28/4 on 21485 (Mike Bolitho, Ont.) 25/4 0455-0510 21485 (Osterman) 15/4 *0400-0515 21500 (Diekman, IA)

U S A AFRTS SSB feeder hrd 17/1 1246 on 9240 //10535, also noted 3/2 1127; on LSB 9242.3, 10537.8 (Johan de Cock, Zwevegem & Martien Groot, Schoorl, BDXC March) I always thought that was USB (gh) 9929.3 LSB 9/2 1244 and 5230.3 17/2 0903 (Groot, ibid.) 9240 hrd 1900-2100+ on SSB (Phil Cox, UK, WDXC Contact May) Would like to get full sked of these! (gh)

Special correspondent reports on VOA in German: Mon-Fri 0245 on 5995 6873 9565 9715 11710. 1415 on 15415 15752 20125; 1600, 1645 and 1930 on 15752 19505; all pgms 15 min (ADDX via WWDXC)

The following sked does not appear to be completely accurate, but may reflect anticipated expansion plans at WYFR (gh) Fq usage to the Americas: 5985 2152-0600. 9705 0500-0600. 9715 0052-0500. 9535 1200-1600. 11740 0200-0500. 11830 1600-2152. 11855 2252-0600. 15135 2352-0152. 15215 2252-0500. 15300/15440/17730 Sun 1245-1600. 17805 2252-0500. 17845 2352-0052. 21510 2252-2352 (WRTH-NL) WYFR lists a new svc in PT to Waf for J80, 1900-2000 on 21525, with a xmtr formerly used for EG (R. Australia Japanese DX Time 4/5)

U S S R RMWS Mayday Parade hrd best from 0650 1/5 on 11735 and 9665; 15150 had it in RS (gh) R. Moscow's live coverage of the May Day parade in Red Square was carried in Russian 0655-0835 on some 60 sw channels between 5.9 and 21.7 MHz; in EG 0655-0730 on some 30 RMWS SW channels. (WBI 8/5) Per RFE/RL, Soviet jamming equipment currently in use is worth \$250 million, with operating costs of more than \$100 million a year, and energy consumption of 1000 million kWh-hours a year. 2500 jamming xmtrs are in use - 650 skywave, the rest groundwave, with 40-50 groundwave stations around Moscow alone. Jammers seem to be located in the Soviet Union, Poland, Bulgaria, and Czechoslovakia, but not in Romania (Roberto Venturini, Italy, SCDX 29/4)

Since 23/4 the relay of R. Afghanistan's DS from USSR xmtrs obs from *0125 on 17720 and 15255; the former to 1930* and the latter not hrd after 1530 (WBI 1/5) R. Moscow on 15025 around 2227 several nites in EG, some type of spur (Syd Osterman, 5/5) Mixing product of 15525 and 15275 works out correctly at 250 kHz separation, and I believe 15025 is audible only when both of these are on (gh) USSR domestic service on SW sked, LN-14

VANUATU 25/4 7260 1043* tentative; 1035 French to 1043 short anthem and shut down; I can see no other stn signing off, or even being audible at this time on 7260, especially in French; New Caledonia was coming in well too (Maxfield Greenwood, PA)

VATICAN Special R. Vatican broadcasts covering the African tour of the pope have been obs 0700-0830 on 15165 in FR and vernaculars, per anmts beamed to CAF (QTH Africa 10/5)

VENEZUELA In Dec 1979 the Spanish nx agency EFE carried a report that R. Nacional was to close due to lack of funds. Monitoring obs show the stn last hrd on 6170 in the latter half of Jan; recent checks reveal no trace of R. Nacional on this or 1050 or 630 kHz. The stn is, therefore, believed to have closed (WBI 1/5)

VIETNAM VOV anc'd 10/4 that from 14/4 it would broadcast nx in Viet at dictation speed for members of the Vietnamese People's Army, daily exc. Suns and holidays 0130-0230 on 9840 and 5384. It was hoped that units would assign personnel to transcribe it, which would serve as 'propaganda material to disseminate Party and State lines and policies in good time' (WBI 17/4)

YUGOSLAVIA At the end of its 2215-2230 EG xmsn 4/5, following the death of Pres. Tito, the R. Yugoslavia ES said that from 5/5 there would be two special broadcasts daily, 0130-0200 and 1100-1130. Obs 4-6 May show that 2300-2400 pgms in Yugo langs were on 11735 9620 7240. Special pgms were also carried 5-7 May 0000-0430 on 11735 9620 7240: 0000 Spanish, 0030 Macedonian, 0100 Spanish, 0130 EG, 0200 FR, 0230 AR, 0300 SP, 0330 RS, 0400-0430 GM. Also 1000-1400 on 15240 11735 9620: 1000 SC (6 May only), 1100 EG, 1130 FR, 1200 AR, 1230 SP, 1300 RS, 1330-1400 GM. These xmsns are in addition to regular ES, and will probably continue until after the funeral of Pres. Tito or until the end of the mourning period (WBI 8/5) Checked 22/5 for 1130 broadcast and couldn't hear it; RBI was in SP at 0100 on 9620, not RY (gh) more, LN-15

ZAMBIA Lubumbashi hrd occasionally on 7205, but no trace on 4750 (Václav Kořinek, RSA, DSWCI SW News May) Returned to 7205 at 1500 11/4, next day hrd at 1400. S/off time not determined, but has FR nx 1605. Mbuji-Mayi regularly on 7295, *1500. Bukavu 4839 s/off varies 1900-1930. Bujumbura 3390/5068 normally 1830* but has been hrd up to 1905. Correct name is 'R. Ya Masomo na faendeleo'. I have been unable to trace Kinshasa or any other regionals (Andrea Sella, Kenya, DSWCI SW News) Bukavu says its sked on 4839 is 0400-0700 & 1000-1900 (Sun 0400-1900), somewhat erratic, as well as Bujumbura educational stn, listed 10 kW on 3390 5068 and measured on 5066. Bukavu xmtr is US Army Signal Corps BC-610 of WW II vintage, made by Hallcrafters and designed for 500 watts only. It has been rebuilt and operates with 4 kW and a longwire antenna. A 300 W MW xmtr is being planned for Bukavu (P. Karagianis, UK, and A. Sella, Kenya, QTH Africa 30/4)

ZAMBIA R. Zambia hrd at 0930 on 14440 and 21660 (R. Ginbey, RNDXJB 8/5) harmonics of 7220. 4)

A ZBS report 22/4 said the Minister of Info and BC Services had told members of staff at ZBS regional stns in Kitwe that the poor performance of ZBS was due to 'gross negligence of equipment and indiscipline among members of staff'. There had been widespread misuse of equipment, he said, because they had developed an 'I don't care' attitude under a mistaken notion that it belonged to the govt. Despite the fact that ZBS received more money from the Ministry than any other dept, its standards continue to fall (WBI 24/4)

ZANZIBAR RTZ 3339, 10/5 tune in 0310 Koran, 0313 YL ID, into talk (news?) and then another ID 0317, mx by a children's chorus, 0319 ID for R. Tanzania, Dar-es-Salaam, then R. Tanzania, Zanzibar; into Eaf mx; very hefty signal, 20 over 9 past 0320, then fading and gone by 0335 (Michael Bolitho, Ontario) 9/5 0255 great sig, 0330 fading, 0345 gone (Bill Whitacre, MI)

ZIMBABWE Hrd on 14570 around 1000; (Richard Ginbey, RSA, RN DXJB 8/5) 2 x 7285 (gh)

FUTURE PLANS

ANTARCTICA LRA-36 R. Nacional Arcángel San Gabriel, at Esperanza Army Base in the Argentine Antarctic, plans on installing two 1500 watt xmtrs with the object of broadcasting on 3 different fqs in parallel; and the schedule will be increased from the present 0000-0200 on one 1200 watt xmtr on 6030. They QSL complete reception reports sent to them at Apartado 9411, 1000-C. Central, Argentina (Gastón Federico Rosenstrauch, Tortuguitas, Argentina, 17/4)

BOTSWANA The US will soon begin construction of a new xmtr facility here, to carry pgms from both VOA and R. Botswana, 50 kW SW xmtr for VOA, 5 kW FM for R. Botswana (Ray Fronczak, MO, SCDX 22/4) VOA's 3rd stn on African continent will be here; no mention of location--Francis-town? (Richard Ginbey, RSA, RN DXJB 8/5) It will be 50 kW on MW, 621 kHz at Selebi-Phikwe. R. Botswana will have use of it 0630-1830 local time, VOA 1830-0630. VOA pays most of the cost but gets the land free. USAID will train Botswanan engineers (Gaborone Daily News, 31/3, June REVIEW OF INTERNATIONAL BROADCASTING) Report of 1000 kW was in error (gh) EGYPT LN-10

GABON RTVG nat'l svc reported from Libreville that the President had received the French Minister of Cooperation 2/5 and their discussion had centred on the forthcoming start of operations by the 'international radio stn' at Moyabi. Shortly after the audience with the President, the French and Gabonese ministers signed an agreement on the financing of the stn. During the past month irregular test xmsns of continuous mx without amts have frequently been heard emanating from the xmtrs at Moyabi during the morning period variously on 21640, 17830 and 15265 (WBI 8/5)

GRENADE On a visit to Grenada I learned that RFG plans to begin separate shortwave programming instead of MW relays, which should make things smoother. As of March 1980 they had run out of old R. Grenada QSL cards, and new RFG cards had not yet arrived; they appreciate reports and they are being held for verification when new cards arrive; IRCs are appreciated (Bill Schaap, Washington DC, June REVIEW OF INTERNATIONAL BROADCASTING)

HAWAII In Honolulu, I checked on the KAIM plans. The CE said their SW plans have been permanently suspended and they have discussed selling the Maui land acquired for the site. They are continuing with 50-kW-MW-Molokai plans (Dave Walcutt, TX, June R.I.B.)

HONG KONG As you might have gathered by now from the absence of xmsns on 3940, the service was a temporary one. It was mounted to provide a source of weather info for competitors in the China Sea Race from Hong Kong to Manila. There are no plans to activate SWBC and I am sorry to say that your next opportunity of receiving us will be in two years when I expect we will again be providing a similar service for yachtsmen (Ken Warburton, RTHK, 29/4 letter to Bob Hill, Redwood City CA) ISRAEL LN-10 (USA)

JAMAICA I have spoken with the Director of JBC, Wycliff Bennett, who says there are plans for SWBC, held up by budget pressures (Bill Schaap, Washington DC, June R.I.B.)

MOROCCO Per a JANA Libyan news agency report from Paris 30/4, France has decided to set up a radio stn in Morocco similar to that of Africa No. 1 in Gabon. The project to be carried out by the French state-owned company SOFIRAD. Quoting the French magazine 'Le Canard Enchaîné', the report added that the stn would broadcast in African langs and would function in collaboration with the African svc of RFI (WBI 8/5)

NIGERIA VON reported 22/4 that the FRCN would start broadcasting from the country's new capital, Abuja, from April 1982. The FRCN Director General also announced that a new xmtr costing over 14.4 million naira would be commissioned in August this year. He added that altho FRCN would move to Abuja, the external service VON would continue to transmit from Ikorodu (WBI 24/4)

RAMADAN 1400 Per the Moslem calendar, the month of Ramadan (spelt Ramadhan, a.k.a. in Indonesia as Puasa) in the year 1400, will take place between 13/7/80 0650 GMT and 10/8/80 1908--the times are appropriate for Yogyakarta, Semarang and Magelang. Other places have to make their own conversion (DUDXS via IDXR) Means extended skeds on stns in Islamic world (gh)

SOUTH AFRICA From Sept 1980 onwards R. RSA will use outofband fqs; I suppose they will move from 25790 to the 17605-17695 kHz range, to Eu 1700-1900 (Wolfgang Büschel, May WWDXC)

UKOGBANI The BBC is negotiating to acquire a new SW transmitting site in the south of England. It will comprise 8 x 500 kW xmtrs (four ea. from Marconi and Telefunken) and is intended as part of a re-engineering scheme, to replace wartime 100 kW xmtrs, mainly located at Skelton in NW England. Skelton was chosen in 1942 for security reasons, but better propagation can be obtained from southern sites. The BBC claimed in 1950 that Skelton was then the

world's largest SWBC site with 12 x 100 kW and 6 x 50 kW xmtrs. In 1969 the 50 kW units were replaced by 6 x 250 kW at Skelton. The first of the new 500 kW xmtrs at the new site is expected on air in 1983 and the stn should be completed by the end of 1984 (Robert Jones, NSW, May ADXN) All the new xmtrs feature automatic program switching and automatic fq switching (World Radio Club via CMS Telegram 16/5)

UNITED ARAB EMIRATES The UAE news agency (WAM) reported in an item carried by the Yugoslav news agency Tanjug on 30/4 that a 2-day meeting of radio pgm planners of the Arab Gulf countries ended in Abu Dhabi 29/4. A.G. info ministers had called for a study into the possibility of establishing a joint radio stn to broadcast foreign lang pgms to Bu & As. The meeting was attended by reps from Bahrein, Iraq, Kuwait, Oman, Qatar, Saudi Arabia and the UAE (WBI)

U S A, The US is negotiating with EGYPT and ISRAEL for permission to build new xmtrs there or to use existing xmtrs to broadcast to the Soviet Union. Israeli facilities would aim at predominantly Christian areas of the USSR, while the Egyptian facilities would be used to reach Moslem ones. The House Foreign Affairs Committee, anticipating success in the negotiations, last week voted to provide \$12.7 million for these broadcasts, \$3 million for this fiscal year and \$9.7 million for the next one, which begins Oct. 1. The money would be used to buy equipment, hire staff and develop R. Liberty programming in the languages of Soviet Moslems. And the VOA hopes before yearend to start broadcasting in Azeri, the language of Soviet Azerbaijan (AP, Washington, Salt Lake City Deseret News 15/5 via Lamont Jensen) On 4/5 I heard a brief report on WINS that VOA is considering adding two more language services: Pushtu and Dari for Afghanistan. They noted that Persian is considered by some in Afghanistan as 'Oxford English' and therefore may not be understood by large groups of Afghans--Dari and Pushtu might reach more individuals (Beverly Slomka, Brooklyn NY) That's putting it mildly, per some editorials I've seen, accusing VOA of incompetence in not doing this long ago (gh)

AFTS-Washington plans to close down and move to Los Angeles by Dec. 1, consolidating with AFRTS TV and transcription center. It is hoped that it will continue to operate on SW (gh)

CLANDESTINE CRANNY

La Voz Oficial de las Fuerzas Especiales de Guerrillas Anti-Comunistas On 7/5 from 0600 GMT on, I heard a stn in SP on 6015--speeches by man alternating with talks by woman, and marimba mx. I got slogan and ID as 'La Voz Anti-Comunista, Radio Inacioné desde Nicaragua'. Super-polished and very tight pgms; never heard before. Good signal but a lot of QRM de VOA 6020 and another stn in Spanish on 6015 (Charles George, Dallas TX) 8/5 and *0842 on 6015, patriotic slogans, 'patria democrática', ID at 0915 as R. --- (two words) 'en Managua'. Many mentions of Nicaragua, bad audio with intermittent howls and buzzes, SIO 443 (Jack Jones, MS) I hrd this stn 9/5 around 0903 tune in; could not get an ID but they did mention 'radio informaciones', program name. Henry Lazarus noted it IDing as in heading; after listening to tape, I hear the same thing (Chris Lobdell, Stoneham MA) I concur; they also use acronym FESGAC, or maybe without the C. Seems to be opposed to the current Nic. govt. Checked a few times for it, but haven't yet hrd it myself as of 25/5 (gh) more, LN-15

Cubans Up to 20 xmtr sites are now being used by the anti-Castro clandestines per a source close to the exile community. They use ham gear and transmit in a random fashion to make detection more difficult. The xmtrs are clustered in the three areas we have previously reported --Miami, Palm Beach County, and the upper Florida Keys. Most programs are pre-recorded. AP has reported that Ronald Reagan criticized the Carter administration for the alleged February closedown of an anti-Castro clandestine stn (John Santosuosso, May NNRC Alternative Radio) R. Abdala with horribly distorted audio, 12/5 0320+ on 7075. Big-production pgm, M & W alternating commentary, into mx; freq and IDs in breaks, to 0333 tune-out (Jay Novello, Endwell NY) El Comandante David hrd 17/5 0115 on about 7083-85; usual anti-Castro spill (David Woodward, Washington DC) While looking for Com. David's usual broadcast, I heard a different (new?) clandestine Cuban, definitely not David's voice but maybe one of his cronies. At tune in on Sun 4/5 0115 on 7085, I caught the tail end of the Cuban national anthem, and s/off for one minute. Then back on with man announcing what sounded like 'Atención Cuba, éste es la voz de la patriótica cubana' /that's not correct Spanish; maybe patria -gh/. More statements in SP, into marching mx. Audio same general quality as R. Libertad Cubana and R. Abdala, namely, distorted. The male announcer then said they were broadcasting on '7400 kHz in the 41 mb', but nothing hrd there. This tape was played over and over till past 0135 when I tuned out. Can't be sure if it was pro- or anti-Castro; not hrd next two days in fruitless checks (Steve Reinstein, Miramar FL) Hrd the Cuban clandestine on 7400 again last night on 7400; name is 'La Voz de la --- --- Cubano'. I just can't get those two words--something like 'resistencia historica' /histórica? gh/ or similar. Weird signals: actual signal level steady while modulation varies from fuzzy to clear (Richard McVicar, Prescott, Ont., 8/5)

Numbers (cf May LN-8) I've once again heard R. Habana Cuba audio in the background of number xmns, with usual YL reading 5 digit numbers in Spanish, on 7884 14/4 at 0712; audio in parallel to 9525, not as fuzzy as before (Dave Mosier, CA) Re April LN on the 14985 kHz *2230-2240 numbers stn, I've heard it the past week strongly on 10570. Same format: one-second-interval beeps (too long for 'pips') prior to 2230, long beep, click and taped woman with English 3-digit groups. Nothing on 14985 (David Newkirk, Norridge IL, 20/4) Also here 2/5 2220 pips on 10570.0, 2229 mechanical YL giving 683-317-108 over and over; wonder why? (gh)

Hizbi i-Islami, Afghan rebel group, resumed xmns 26/4 with two 90-min xmns daily in Persian and Pashto, one in the morning; one in the evening, the Kuwaiti News Agency reported 27/4 quo-

ting press reports published in Islamabad, Pakistan. A similar report was also carried by the New China News Agency 27/4; no fq details were given (WBI 1/5) This may be an entirely different stn: (gh) A pro-Islamic stn broadcasting to Afghanistan and IDING 'Ishaa Allah' has been observed 1600-1655 on 15445 9730 (WRTH, WMR DX via May WDXC Contact) unID on 15064 hrd *1705-1800* 11/5 and 12/5, man speaking in very slow, distinct Farsi or Dari (the two langs are virtually identical); fair level but fluttery, about same quality signal as BSKSA 4 kHz lower. On 12/5 the xmsns was jammed, beginning a minute into the pgm, by a strong whining signal. I would guess this to be an anti-USSR broadcast beamed to Afghanistan in hopes of luring listeners tuning for Kabul on 15075 (Bob Hill, Redwood City CA) Eastern mx on 15064 at 1727, het BSKSA 15060. Maybe in Arabic; tough copy. Off 1759, STO 232; Afghan SSR in on 15075, better (Jay Novello, Endwell NY, 12/5) This is R. Homeland, see LN-15!

Voice of Palestine, Voice of the Palestine Revolution continues to test on 1270 kHz; amnt 16/ said they could be hrd daily 1500-1800 (WBI 24/4) On 25/4 VOPVOPR stn believed to be in Lebanon reported that the Angolan govt had granted the PLO office in Luanda the right to broadcast a radio pgm three times per week. A later report on 28/4 said the pgms would start 'the coming week' (WBI 8/5) Since the end of April amnts from the Lebanon VOPVOPR say the 0500-0700 xmsn is on 1143, while the evening 1500-1800 one is now on 1270 instead of 1143. Obs 6/5 sho that tests are now being made on 1270 at 0500-0600; the use of 1143 for regular morning pgms is still continuing (WBI 8/5) Angola pgm anc'd 3/5, a 2130-2200 3 times a week (WBI 15/5)

Voice of the Eritrea Revolution obs 22/4 with 1430-1500 Arabic, 1500-1520 Tigrigna on 6155 instead of 7245; normally on Sun/Tue/Thu, from R. Baghdad facilities (WBI 24/4)

Voice of Free Africa, hostile to Mozambican govt, was hrd on 4764 until 9/4; no xmsns have been obs since the 1830-1930 broadcast on that day (WBI 17/4) Anti-communist VOFA is off the air for a considerable time now; used to broadcast from Gwelo site in Rhodesia on MW 1020 in Portuguese with 100 kW. Following the Lancaster House agreements, VOFA went off the air, but returned shortly afterwards, claiming to operate from inside Mozambique. Before direction-finding could be undertaken to verify its claim, it went off the air again. If it indeed transmitted from Mozambican territory it was probably closed by the authorities. No reports to this effect have been received. This leaves only one clandestine anti-communist stn on the air in southern Africa, on 4950 beamed towards SWA/Namibia (QTH Africa 30/4)

Voice of the People of Burma Further obs on 7570 xmsn at 0030-0230 & 1130-1330 show the first half hour of each contains Burmese items only; the remaining sesquihour is made up of materia in Karen, Jinghpaw, Shan, Wa and Standard Chinese--combat news, items hostile to the-Burmese govt and army, and material critical of Soviet and Vietnamese policy in SEA. However, both xmsns failed to appear on 7570 at the above times on 27-29/4 (WBI 1/5) This stn which broadcasts on behalf of the Burma Communist Party remained off the air until 6/5 when it reappeared for its 1130-1330 xmsn on 7570; amnt in the 0030-0230 7/5 said it had been off the air from 27/4 'because of mechanical failure' (WBI 8/5)

China an unID Chinese-speaking cland is hrd occasionally at *1200-1230* with strident exhortations presumably hostile to the PRC govt. 26/4 it was on 5050 $\frac{1}{2}$, next morning on 5988; a similar xmsn was hrd once in March closing 1430 on 7347; no ID possible yet (Bob Hill, CA)

European Music Radio received about 160 letters after saying in its March broadcast that it would close down unless listeners gave some indication of support. Its mailbox pgm 20/4 was quite something! (John Campbell, May DSWCI SW News) EMR broadcast the 3rd Sunday of each month at 0800-1200 GMT (one hour later in winter) on 7325 and 6235 with dipoles, 10 watts. Pgm sked: 0800 EMR's International Service /in 4 or 5 langs -SWN/, 0925 The Free Radio Programme, 0945 EMR DX Programme, 1015 Mail Bag Programme, 1100 close down (Barry Stephens, EMR)

Radio Drumshambo is a community radio stn run by the local people (population about 600) for approximately 4 hours per day. The stn is purely amateur operation, to provide an alternative to RTE 1 & 2 in County Leitrim; has been in operation around 7 months, on 1622 kHz; addr: The Arcade, Drumshambo, Co. Leitrim, Eire; v/s Noel McPartland (Gordon Darling, WDXC Contact)

R. Condor International QSL letter says they are using half wave dipole cut for 11 MHz and a radiated power of 100 watts. First xmsns 2/78. Fqs 11463, 6243, 6200, 1000 kHz. Note on back says due to rising postage, listeners are requested to enclose two IRCs and a SAE (Valko

Undergrounders May 18 'LI Magazine' of Newsday carries an article on pirates, listing these stns and approximate locations: WJMP 1600 Farmingdale. Big Apple Radio 1605 NYC. WPRN 1610 New England. WARG 1610 Selden. WLAU 1615 Laurelton. WONS 1620 Oceanside. WLWK 1625 Hicksville. WKAY-FM 88.0 Islip. WXXX-FM 88.6 NYC. WXYR-FM 89.7 Oceanside. WABY-FM 91.5 Roslyn (via Richard Stoller, Old Bethpage, who adds he is not hearing the AM ones)

"WONS" (as a station on 1620 kHz) is covered in some detail in the above article (gh) Hrd 21/ on apx 6955 *0130-0212*. Joe Snow and another ancr hosting the "Golden Oldies Grab Bag"; gave phone 212-220-9979. I was first of three callers, the other two from Bill Campbell and Bob Foxworth, and got this info: they're on sporadically, the best time to look is national holidays, and they may be on GMT 1/5 and/or 26/5 around 0400-0600. Power is 'enough'. Will QSL in 2 weeks. They are in the midwest. Later, QSL has note on it that next BC would be 30/5 GMT sometime between 0000 and 0430 (Scott McClellan, Battle Creek MI)

R. Indiana test hrd 27/4 *0445-0449* on 6990; 'testing 1, 2, 3, 4, 5' repeated 2 or 3 times and gave phone 766-9979. Poor signal, with little modulation and deep fading. Can anyone confirm that the 766 prefix is around LaCrosse IN? Pse QSL (Shawn McDaniel, 4645 N Oakdale Dr., Rolling Prairie IN 46371) Tried for them 0500 last nite, unhrd (Dave Mosier, CA, 19/4)

St. Louis Free Radio Network hrd 19/4 0802-0822* on 7338 LSB. Ancrs Pete Johnson and Philip Dawson. Mx. ID, wx for midwest and central USA, sports report by Dawson. Then played tape of newscast with price of gold and Chicago(?) bank robbery. Said they were a rock and roll stn, QTH as 'downtown St. Louis'. Dan Fogelberg mx, TC as '0810 zulu'. Address for reports: P O Box 1560, St. Louis MO 63150. Also wanted reports in major club bulletins. Sked anc'd as GMT Sats.*0700 for 1 to 2 hours. Fair signal (Dave Mosier, San Jose CA) the unID bottom of LN-15?

V. of Clipperton hrd on 7370 0612-0645* 15/4; deep-voiced anc'r à la Johnny Cash, with world nx then ID and short piece of piano mx, into light mx like R. New Zealand. Severe ute QRM from 0617 to s/off. Several IDs and anm'ts, 0640 same bit of piano mx, then off. Apparent solo operation but pro sounding. Pse QSL, tnx (Dave Mosier, 6162 Iowa Dr, San José CA 95123)

"KVHF" is still active, hrd 18/4 0731-0753 on 6418 (Mosier) 6420 hrd 0708-0716 20/4 with song 'Jackie Blew', another song and suddenly off; fair with a lot of ute QRM. Pse QSL (Dave Valko Box 155, Dunlo PA 15930)

R. Confusion LN-15

R. Harmonica 6954.8, 0627-0631:15* 18/5. M anc'r with ID, fq as 6955, said it was their 2nd xmsn, 'we hope you enjoyed our short pgm; we bid you goodbye from R. Harmonica', plug. Fair sig and audio quality (Richard Stoller, NY) They called me before a test, but I could only detect tentative speech under QRM (gh)

R. Joy LN-15

"WARG" (note LN-11 item Undergrounders) (Cf Apr LN-13) If it's correct that they have a 600m beverage oriented towards Europe, that explains why we can't hear them over here: as even Mr. Beverage should agree, a Beverage antenna is fine for reception up to about 5 MHz, but terrible for transmitting. Will some NYC member please call WARG and break the news? (John Campbell, UK, May DSWCI SW News) Hrd on 6960a 20/4 0502-0715+ powerful but some ute QRM. Ancrs Ray & Harvey Haber hosting the 'Midnight Show' with rock mx. Xmr trouble and cruddy audio, talking terribly distorted; still going at 0715 check (Scott McClellan, Battle Creek MI) Finally hrd 20/4 0458-0637, *0458 with 'Hold on to your hats, WARG will be on the air'. Record requests. Called (212) 220-9979 so QTH New York /212 doesn't prove anything -gh/ and talked to Ray and Harvey Haber (Dave Valko, PA) Hrd 20/4 0615-0830*. First song hrd was 'Another Brick in the Wall' by Pink Floyd; phone as 212-949-9979. Later on, Jimmy and Ray Haber both sang together 'Bad, Bad, Leroy Brown'; hrd Jimmy yawn a few times. Signed off with a Mickey Mouse Club jingle. I phoned several times but the line was busy. Pse QSL! (Gary Diekman, 106 Wemple St., Parkersburg IA 50665) Hrd here 20/4 0630 on 6960; Steve Miller, Aerosmith, anc'r Jimmy Haber (and later on Ray), phone 212-949-9979. At 0640 got thru and talked to Harvey Haber; promised QSL but nothing yet as of 3/5. At 0700 they mentioned me on the air, still going when I left at 0745. Sig was weak to fair, HNL, definite NYC accent from Harvey (Mosier, CA) Hrd for 2 1/2 hours 20/4 0602-0833* on 6960; lots of rock: Rolling Stones, Yes, others. Gave number 212-220-9979 for mx requests. After about the 10th time I got thru and made a request; they promised QSL. "WARG, somewhere on the east coast". The ancrs sang 'Mad Mad Leroy Brown' and the closing number of the Mickey Mouse Club, then pulled the plug at 0833 (Thomas Semesky, Gary IN) Hrd 20/4 on 6960 at 0600 past 0705, SINPO 33333. Called 212-949-9979, said they would QSL but they had a fairly long list. Mx included Led Zeppelin's 'Stairway to Heaven'; many IDs, fq as 6960; xmr problems 0638; audio much like that of Uganda (Robert Schukai Jr., St Louis MO) 20/4 0724-0833* 6960 booming in with poor modulation, usual; sounded like they were getting more drunk as they went along, SIO 433 (Jeff Kruszka, Elyria OH) 20/4 0530 on 6958, 212-220-9979; voice not very clear-SIO 423, mostly rock; it was still there when I awoke and checked at 0700 (Lani Pettit, Sioux City IA) Is testing for Europe every Sunday at *0600 with 2 kW (Al Muick, EMR DX pgm, via DSWCI SW News) On again 26/5 0505 6958, tnx Lani tip(gh)

"WBLO" hrd 22/4 on 3880a 0434-0506*, SIO 433; ancrs Dely McNorton and somebody from New Delhi India. Gave Box 69, Atlanta addr. Professional singing IDs! Played CE3K theme twice, once at s/off. Very entertaining; had a mock phone call from listeners who complained about all the foreigners on the radio. AM hams seem to think he's in the 'Green Mountains of Vermont'. An unID but definitely pirate hrd 27/4 around 6110 at 2347-2402* with DX pgm, talking about WBLO, seemed to be reading out of Apr LN. Then 4 C&W and bluesgrass tunes to 2402* without a word. Pse QSL, tnx (Scott McClellan, 127 N. Broad St., Battle Creek MI 49017) 20/4 about 0440 on 3885 I hrd what must have been WBLO, the immature pirate who resorts to X-rated programming. 5/4 at 0553 I heard hams commenting on all the illegal activity on 75m, unlike 20m. 22/4 0643 hams were playing mx on 3880, ID as WAHERI(or Y) and WA2BNI. A little bad lang, but mostly tech talk and acting silly; they were not kids; used term 'evil sidebanders', SIO 444 (Lani Pettit, Sioux City IA)

Jolly Roger Radio, Bloomington IN, operates on 93.9 FM intermittently on weekends only. In an 8-hour stretch they may play an old English beer-drinking song and an Irish jig and a selection from the ancient Greek or Aztec folklore, and even a little modern mx. Judging from the response to the request lines, they believe they have thousands of listeners. FCC engineer George Sklem says the Indianapolis area has been a hotbed of such operations in the past. For at least 5 years Barry Jansen had operated Radio Free Naptown on AM & FM, played paid commercial and rock mx records supplied by an Indy record store, when police and FCC busted them in March 1972. Jansen lost his first class FCC license and was fined \$500; three others received no penalty; three were fined \$250 or less (Indianapolis Star 27/4 via SWNS)

Syncom 48 (not Symcom or Syncon) used 6249 and 6279; Joe DiLeo's, mine and other reception reports were on their mailbag pgm; gave FRC phone number. Crazy IS and s/on tune called 'We love pirate stations' (Dave Valko, PA) Hrd on 6248 0408-0500 20/4. Spike Jones mx; hrd names of

Phil Martin, Dave Snyder, myself and others who sent in reports before. Gave FRC address and phone number many times. I called and talked to Al Muick who confirmed the report. Poor with much static and noise (Thomas Semesky, Gary IN) Syncom International hrd with frequent relay: of R. Telstar on 6250a, 19/4 0402, many IDs, correct TC at 0409; gave phone for both as that of FRC for QSL; said they would announce their summer sked on 20/4 but I couldn't hear that one. DJ whistling along with 'Sultans of Swing'; comedy spots. 0500 they changed to 6279a kHz. 0503, mailbox show on R. Telstar relay. R. Syncom ancr said they were at '48 watts of power in the 48 meter band' correct time at 0559, ID, song 'We Love the Pirate Stations', s/off 0605, SIO 232-332 (Jeff Kruszka, Elyria OH) 19/4 0418-0500 on 6248, R. Telstar relayed over Syncom International, and 0500-0605* on 6248/sic/, both fqs poor to fair. Called and talked to Al Muick. 20/4, Syncom Int'l 0330-0420 on 6248a and 0430-0450+ on different fq; at 0430 read reports from LN. Noted 0701 on possibly different fq, 0733 played 'Pirate Stations song'; cf Apr LN-13, the QTH I gave is wrong; please retract (Scott McClellan, Battle Creek MI, 6279 luf 0529-0630 18/5, rock mx and ancr giving 215-345-5609 phone; called 5 times, made it thru to Al Muick. Said 21590 was 13m fq, 2300 Sat/Sun; 0600 into Voice of Venus relay (Richard Stoller, Old Bethpage LINX)

Green River Radio is tentatively sked to return to the air 10/5, or 17/5; provided that all goes well, then we will make at least one appearance in the following time slots, GMT: 14/6 at 0630, 17/6 at 0530, 21/6 at 0700, 22/6 at 0445, 29/6 at 0530. Fq somewhere between 7340 and 7450. Report via FRC-USA. G.R.R. will still verify correct 1979 reception reports (Joseph Barnyard, Pres., G.R.R., 7/5 official memo)

Moon shine Radio as of this month is moving from 41m to 49m (Barnyard, G.R.R. 7/5) Hrd on 7368 20/4 0511-0600; mx by Chicago, Van Halen, Eagles and others; FRC addr for reports; ute QRM, deep fading and much static (Thomas Semesky, Gary IN) 27/4 0502-0552 rock, including Beach Boys' "I Get Around". Many IDs, FRC-USA addr; 'on the stolen fq of 7370 kHz'. As usual claimed to be 10 miles underground. Host Johnny Blackbeard. 0536 DX pgm with stn skeds, e.g. Cairo, Israel, Singapore; lost at 0552, sign off? Poor to fair. Pse QSL, tnx (Scott McClellan 127 N. Broad, Battle Creek MI 49017) 7355 hrd 20/4, 0613-0619* IDs, 'Good DXing', s/off with 'We are the Champions' by Queen. Pse QSL! (Dave Valko, Box 155, Dunlo PA 15930)

PROGRAM NEWS CANADA 'Royal Canadian Air Farce' first was dropped by the CBC NS GMT Mons 0230, then dropped from Sun 1705, but on 26/5 check had been resumed at the GMT Mon 0230 time slot. Still carrying educational features in EG at 1804-1829 weekdays, which may be the same as sked on CBC domestic radio: Mon June 9, BBC Dramas: the second of six dramatizations of 'Aliens in the Mind' by René Basilio. Tue June 10 Focus Canada: A Literary Look at Things Canadian, Part II of 'The Owl Pen' by Kenneth McNeill Wells. Wed June 11 Focus Canada: A Musical Look At Things Canadian. Thu June 12 Focus Canada: By Word of Mouth (oral history) Fri June 13 By Word of Mouth: Great Canadian Athletes, part of a continuing Friday series thru July 25 (gh)

CHINA Willi Bernok, DSWCI, reports the Yunnan PBS on 6937 is hrd a few minutes before s/off with a public relations pgm about Yunnan province, in various languages, so far English, Indonesian and possibly Thai; no fixed sked, lasts 3-4 minutes (R. Australia DX Time 27/4)

FRANCE 'Le Music Hall' over RFI features nostalgic records of the 1910s to the 1940s, music one never hears anywhere else on radio, French music halls, Paris revues and follies, original Broadway shows, classic jazz and dance mx, cinema discs and much more: Mon-Fri 1500-1600 on 17775, 21595 and 21645 (Lloyd Zimmerman, IL, SCDX 22/4) That's on the NAM service (gh)

HUNGARY R. Budapest 'Backgrounds' on the Sun 2000, Mon 0200, 0930 and 1330 pgms June 15-16 is on Voices various--organ, bagpipe and choral (gh)

UKOCBANI The Radio 3 domestic service has an extremely interesting current affairs pgm based on reports from EBCMS called 'Six Continents', Tues 1205, Weds 1955 on 1215 kHz (James Jordan England, SCDX 22/4) Why don't they put it on the WS? In June, BBC WS carries 'Alistair Cooke's 1940s', 5 pgms including mx of that era, plus two sum-ups in July, Mons 1400, Fris 0230, 2030 (gh) I'm pleased to announce that WNC5 today begins regular relays of BBCWS news, weekdays at 1800 local time, as part of our evening report, the North Country Update. We're also airing Letter from America, alt. Sundays at 1900 LT, and are using commentaries and segments of other BBC news pgms on a spot basis. In general, we try to correct or supplement our AP newswire service by monitoring international broadcasts. We'd be happy to hear from any SWLs and DXers in our area (Doug Jaffe, WNC5-96.7 FM, Montpelier VT, 19/5) U S A

U S S R On 23/4, RMWS revamped its program sked, allowing more and more hard-line propaganda pgms and fewer and fewer soft features. The latter are still scheduled at 0511, 1111, 1711, 2311--e.g. 'Roundabout the Soviet Union' Mondays, 'Science & Engineering' Fridays. Everything is now on a 6 hour repeat-rotation schedule, like AFRTS and R. Australia used to have (gh)

DX PROGRAMS AUSTRIA Due to a lamentable combination of poor fq choice and timing, 'Austrian SW Panorama' is again very difficult to hear well in Nam--Sun 1234 on 15290. One week I found better the still poor reception at 1805 on 15560 Sun(gh)

ECUADOR HCJB French DX pgm to Eu is Fri 0630-0645, repeated Mon 0645-0700 (Marc Labernadière France, SCDX 22/4) I think fqs now 15200 and 11835 (gh)

GUAM K1WR's new DX pgm, 'DX Listener's Log' begins 29/5, packed with info for DXers; special QSL for those hearing it during first month: Thu 0100 17855, Fri 0915 11840, 1445 15365(K1WR)

SOUTH AFRICA R. RSA 'DX Corner' besides its Sat 2140 & Sun 0240 apx airings, is now repeated Tue between 1100 and 1200, and Thu 1300-1400 on 25790 21535 15220 (RSA DX 27/4) Found one Tue at 1122-1128 (gh)

URUGUAY Grupo DX del Uruguay has a DX pgm, second Sat of each month at 1700 on 7145 AM, and on 2nd or 3rd Sun 0030 in 20m hamband, SSB, 1 kW. Includes info from the 'SWN Bulletin', via ham stn CXIAAA, and QSLs are being prepared (Daniel Muñoz Faccioli, Montevideo, ADXN)

U S A VOA Spanish section has not only dropped the DX spot I was writing for them but the entire Club de Oyentes pgm, hosted by Juan Saganrichiny. It was one of VOA's best and most popular pgms (Jeff White, IL, June REVIEW OF INTERNATIONAL BROADCASTING)

LAST-MINUTE INFO

AFGHANISTAN R. Afghanistan DS in Pashto & Dari hrd 0125-1930 on USB 19637.25, believed feeder to USSR (WBI 15/5)

ALGERIA SW fq usage now more in line with J80 registrations: AR DS obs on 21725 15215 11890 9705 9640 7230; DS in FR on 21635 17745 15360 11740 9519 7245; erratic. Kabyle 6160 (WBI 15/5)

AUSTRIA ORF J80 English: 1830-1900 6155 15225 15560 21740. 0130-0200 & 0330-0400 9770 5945. 0830-0900 6155 15410 15440 21640. 1230-1300 6155 9770 15290 21725 (Austrian Radio)

BHUTAN (Cf LN-5) Sked received from NYAB shows 7040 0600-0900 & 1200-1500 Sun; 4690 1100-1400 & 1700-2000 Wed & Fri; in Dzongkha & Nepali, EG last 30 mins (D. Faccioli, Uruguay, GRAM, RADX)

BULGARIA R. Sofia 1930-2000 in EG to Eu now on 11700 ex-11720 (W. German DXer, SCDX 27/5)

CUBA RHC on new 15155 EG to Eu 2010-2140 24/5; no sign of RSA (gh) RHC via USSR 2200-2300 EG now on 11705 (Raymond Forward, SCDX 27/5)

CHILE LVCH M80 non-EG sked: Spanish 0030 15150 17800. 0200 11890 17800. 0300 11890. 0400 11765. 1130 & 1300 17790. 1830 17890. 2000 & 2130 17790. 2230 & 2330 15150 17800. French 0100 15150 17800. 1200 17790. 1900 & 2030 17790. 2300 15150 17800 (Rafael Xuxeda, PR) Combined with EG, LN-1, this accounts for all the half-hour slots during the mxn spans; unless completely different fqs are being used, it appears LVCH has dropped broadcasts in AR, RS, GM, IT (gh)

GERMANY EAST RBI J80 covering changed times due to DST in DDR; sked to Eu valid "until Sept" and to elsewhere "until Oct"--I doubt this, as moving pgms back an hour later on different dates would cause conflicts. Eu 1415 7185 9730. 1545 6080 6115 7185. 1715 1359 6080 6115 7185. 1830 7260. 1930 1359 6080 6115. Af 0345 11720 11795. 1215 21485. 1315 9730 11700 15240. 1515 11975. 1700 11970 15145 15170. 1900 9665 15390. SEAs 0545 17700 21465 21540. 1100 15320 17700 21465 21540. 1300 17700 21465 21540. 1400 17700 21540. NAm 0000 & 0130 9730 11975. 0230 11840 11890 11975. This is for EG 45-min pgms (gh)

GREECE R. Stn. Macedonia, Thessaloniki, J80 sked: 0500-0830 Sun & 1000-1430 daily 9575. 1830-2030 9615. Local pgms and relays of Athens nx (WBI 1/5)

KENYA Mike Hardester, CA, checked with BECMS Nairobi as to actual xmtr site of 4915 and 4934. VOK says they are at Karen, 10 mi from Nairobi; 4934 had been thought to be Mombasa (Bob Boddell, May SPEEDXGRAM, which has taken up the mantle of antialphabetism we have dropped (gh))

LEBANON (Cf LN-2) R. Lebanon SIO 434 0230 15/5 on 15375; excellent broadcast with local news and some mx (David Crichton, Germantown TN) Further checks since 22/5 show it missing (gh)

LIBYA Anmt; at 2200 8/5 said the V. of the Arab Homeland svc from SPLAJBC was now on the air until 0300, ex 1700-0100, in AR. 1700-2200 on a maximum of four out of: 17930 15450 15435 15425 15325 15270 9600; fq usage has varied considerably. 2200-0300 VOAH is on 15235 and 11825, described as for listeners in America. SPLAJBC DS from Tripoli also on SW apx 1000-1700, day to day changing among four of these: 17930 17680 15435 15425 15415 15270 9600(WBI)

NICARAGUA Pennant from La Voz de Nicaragua reproduced in 1/80 SPEEDX shows call as YNGR, evidently standing for subtitle 'Voz Oficial del Gobierno de Reconstrucción Nacional', and nominal fqs as 620 11845 5920 (gh) R. Zñica hrd on extended sked in EG to 0155, then Spanish on 6120.3, hetting BBC. OM ancr has definite Caribbean accent (Paul Buer, Miami FL, 26/4)

NIGERIA VON hrd on 15185 ex-15120 in EG at 2100-2200, still announcing old fq (David Appleyard, Sweden, SCDX 27/5)

PERU Listening to my tape of R. Imagen, Kevin L. Meyer determined how I got the mis-ID of 'Radio Paco'--"radio" was the end of one sentence, immediately followed by "Paco", the name of the announcer. Good job, Kevin! (Maxfield Greenwood, Devon PA)

SAUDI ARABIA (cf LN-7) BSKSA J80 sked for AR DS from Riyadh: 1100-1500 Naf 21505. 1500-1700 Su/NAF 21505 15060. 1700-2000 Eu 15060. 2000-2300 Eu/NAF 21600 15060 (WBI 15/5)

SOLOMON ISLANDS 9545 hrd to sudden off at 0726*; good signal way over DW; apparently not going to past 0800 as previously observed; SIBC may have new op who is only half-asleep--i.e. half-awake! 5020 noted at 1122, sharing fq with horrid ute (Syd Osterman, Ont., 29/4)

TURKEY VOT J80 sked in Turkish for Turks abroad: 0430-0600 15125 9515. 0600-1000 15220 9515 1000-1200 17860 15220 11955 9515. 1200-1300 15220 9515. 1300-1500 15220 15185 9515. 1500-1600 15220 9515. 1600-1930 15335 15220 9515. 1930-2200 9515 7215. Additionally on Sundays, 1430-0600 on 15220, 0430-1000 on 15405 (WBI 15/5) This service is highly recommended for those who enjoy Turkish music and cannot hear it on VOT's EG pgm (Rolf Gunnar, Denver CO)

UGANDA R. Uganda's DS hrd on 5027; seems to be much greater power than the old 7½ kW unit. Amrt at 1403 10/5 said they were testing newly installed xmtr from Kampala. On 12/5 and 13/5 5027 closed at apx 2100, after nx in EG at 1900 & 2052. 13/5 5027 also morn to 0545 (WBI)

U S S R DS All Union Radio SW fq usage: Pgm I for Eu USSR 0200-2200: 15470 05-14, 12045 05½-16½, 12030 05½-15, 11940 06-22, 11910 06-15, 11820 02-14, 9800 04-20, 9775 02-16, 9595 02-07, 9490 19-19½, 7440 05-14, 7370 14-20, 7340 02-05, 7275 15-21, 5910 02-22. SSB: 16330U 19-19½, 16030U 02-22, 13380L 19-19½, 12250L 02-22. Pgm I-A for FE 19-15: 15460 23-15, 5920 19-23. SSB: 18830L 00-09, 18285U 00-15, 15490L 00-12, 13590U 19-02, 7390L 19-23. Pgm I-B for E. Siberia: 15525 02½-15, 15295 02-04; SSB: 17850L 03-17, 11575U 21-04. Pgm I-C for W. Siberia 2300-1900: 15525 16-19, 15275 04-10, 15240 04-14, 15185 03-11, 11820 23-02, 11760 23-17, 11750 04-18, 11700 01-17, 11630 05-14, 9790 01-16, 9775 23-02, 9740 23-05, 9690 23-14, 9650 23-01, 9645 14-19, 9620 15-19, 9605 23-19, 9540 23-02, 9490 23-19, 7440 23-05, 7340 23-02, 7200 23-03, 6155 16-19, 5940 15-19. SSB: 19845L 02-19, 16330U 23-19, 16030U 00-02, 13820U 23-19, 13380L 01-19, 11495L 23-01. Mayak SSB 24h: 18195L 01-11, 16330U 19½-22, 16030U 22-23, 15720L 03-17, 14850L 18-03, 13960L 16½-10, 13820U 19-22, 13590U 18-19, 12250L 22-24, 12205L 02-19½, 12100U 00-24, 10855L 19-02, 10338U 23-03, 7390L 15-19. Pgm III 0400-2100: 11945 06-21, 11690 04-16, 9540 04-16, 9470 14-16, 4860 16-21, 4055 16-21 (WBI 15/5)

VIETNAM(?) WOV in EG at 1800-1900 hrd not only on 10040 and 15012, but on 6040, so strong, that I believe it may be a Moscow relay (J. Mayr(?), W. Germany, SCDX 27/5)

YUGOSLAVIA (Cf LN-8) R. Yugoslavia has now ceased its spl pgms in AR, EG, FR, GM, RS, SP. On 8/5 RY relayed DS reportage on Tito funeral, 1005-1430 on 11735 9620 7240 in parallel with all domestic radio stns (WBI 15/5)

C L A N D E S T I N E FESGA (cf LN-10) ACAN nx agency reported from Tegucigalpa 13/5 that this cland claiming to operate from somewhere in Nicaragua had been hrd the past four nights in Honduras, in the 49, 50 and 52m bands, avoid QRN, QRM; called for 'a completely democratic Nicaragua without Somozism or Communism' (WBI 15/5)

Radio Homeland (Cf LN-11 first para) On 9/5 a stn in Persian calling itself R. Vatan obs in progress at 1730 on 15064 and 9790, ending at 1800, 'the voice of Iranians for a better future and also hrd 1705-1800 12/5, 13/5; seems similar to one obs 1700-1800 apx on 11760 9610 11, 16, 21, 22/4, which could not be identified (WBI 15/5)

V. of Bavarian People (cf May LN-14) Reporter Rath admits this was a hoax (SCDX 27/5)

R. Confusion, pirate will be on GMT 23/6 at 0100 on 14.55 kHz /sic/ ± 10 kHz; can be contacted via FRC-USA and will be glad to QSL (Crazy Roger, R. Confusion, postmarked Providence RI 23/5) Yes, Crazy, I'd like a copy of your broadcast (gh)

R. Joy found on 7380 *1900-2000* 19/5 & 20/5, ancing this sked for Tuesdays; 50 watts. Music of Bach!--finally a pirate whose music I like. QSLs offered for reports in FRENDX & SPEEDX. Signal so powerful it could have been next door, +20 dB over. Pse QSL (Andrew G. Wallace, 146 Westford St., Chelmsford MA 01824) Also hrd, tnx to Andy's tip; says is in northern Maine, same details as above. Pse QSL (John Fisher, 9 Village View Rd, Chelmsford MA 01824)

PUBLICATIONS Silence the Russian 'woodpecker' with a noise blander having 80-dB dynamic range, 1-page item by Ulrich L. Rohde, with circuit diagram and bingo card reference, p. 297, Electronic Design 6, 15/3/80 (sorry, lost credit -gh)

DX Front Line, specializing in Indo-China DX nx and background, offers a sample of latest issue for bargain price of only 1 IRC; for 3 IRCs more you can get previous issue which includes free 'Voices of Vietnam' supplement with maps on radio situation there since unification; 17 pages. Order from: Isao Ugusa, 1-3-10 Mikage-yamate, Higashinada, Kobe 658, Japan (gh)

BBC Handbook 1980 now available for 3 pounds plus postage from BBC Publications, 35 Marylebone High St., London W1M 4AA (BDXC via WDXC April)

R. Sweden T-Shirts yellow on dark blue, US\$6 or 15 IRC; IMO, bank notes or internationally negotiable cheques OK; specify size XS, S, M, L, XL, XXL (R. Sweden, S-105-10, Stockholm)

Radio Nuevo Mundo is a very well-done Japanese bulletin (in English) for specialists in Latin American DX; they also know their Spanish & Portuguese much better than most NAM DX editors. It is not clear whether they seek members or subscribers outside Japan, as no price is given, but the person to contact is: Tetsuya Hirahara, 5-6-6 Nukui-kita, Koganei-shi, Tokyo 184 (gh)

101 Electronics Projects 1980 has plans for longwave converter for SW rx (Ed Stone, New York)

Pennant Collectors International hoped to publish its first issue in May; monthly 12 pages. \$7.50 a year in NAM first class; \$14 overseas airmail (P.C.I., Box 62, Adamsville TN 38130)

QTH Africa, sample for 2 IRCs; published every 10 days; supplements 6 times a year of clandestines or external services skeds from Af (QTH Africa, Box 28250, Pretoria 0132, South Africa)

WRIVH 1981 will be printed in USA, ex-Britain; Americans may get copies earlier (Sennitt, WDXC)

Free Radio Corner is new column in S9 magazine since May, edited by Al Muick (SWNS)

UNIDENTIFIED 4717-20 very weak LAM regular 0330* with 'Bridge on River Kwai'; is in GMT -4 time zone, says back at 7 a.m. Bolivia? (Max Greenwood)

7340a unID pirate 0801-0849* 20/4; rock mx; they gave an off-fq, 232; help? (Jeff Kruszka, OH)



QSL

Voice of
Turkey

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

- for late reports -
(1-203-589-0083)

Announcement is now being
made for the Fifth Annual
New England Area DXers Out-
ing. Read on for further data.



ADMIRALTY ISLAND: R. Manus 3905 f/d yellow "Map"
cd. in 5 wks. via Boroko. (Valko-PA). f/d ltr.

* direct from Lorengau in 25 ds. (Gower-IL).

AFGHANISTAN: R. Afghanistan 15075 f/d "Buddha" cd. in 43 ds/ for 2 IRCs. (McClellan-MI).

ALBANIA: R. Tirana 7065 f/d cd. in 2½ mo. (Matthews-OH).

ANDORRA: AWR 6220 cd. in 33 ds. for 1 IRC. (Gionet-NB). 6215 "Antenna" cd. in 43 ds. for 2

IRCs. (Tuchscherer-WI). f/d "House" cd. via Lisbon in 40 ds. for 2 IRCs. (Toope-NFLD).

ANTARCTICA-ARGENTINE: R. Nacional 6030 via Arcangel San Gabriel special f/d cd. in 1 mo.

* for EG rpt. I was told that the station is located near Ellsworth Land. (Smith-MD).

ANTIGUA: DW 9545 "Globe" cd. in 2 mo. (Leal-ONT). BBC 6175 f/d "WRCDX" Award in 4 mo. (Clark-AZ). same award in 2½ mo. (Meyer-WI).

ARGENTINA: RAE 11710 f/d "Year of the Child" cd. in 1 mo. for EG rpt. (Wallace-MA). 0660 cd.

* & ltr. in 1 mo. (Smith-MD). R. Nacional Mendoza 6180 f/d cd. in 1 mo. for a SP rpt. and

2 IRCs. v/s Jose Antonio Sabater. Rcvd. via the Aconcagua DX Club. (Klein-FL). same w/
postcards in 3 wks. (Krueger-FL).

ARMENIA: R. Moscow via Yerevan 5940 cd. w/ site in 67 ds. Tnx to Roger Legge's "UHN" (Buer-

ASCENSION ISLAND: BBC 15400 f/d "WRCDX" Award in 2½ mo. (Meyer-WI). form ltr. in 176 ds. v/s

Ned Abell, Presentation and Administration Officer. (Ossege-OH). 15105 cd. in 22 ds.

(Watts-AUST). 11820 "WRCDX" Award in 4 mo. (Clark-AZ). VOA 21490 cd. in 49 ds. (Dittrich)

ASIATIC RUSSIA: R. Moscow via Irkutsk on 17880 f/d cd. in 32 ds. (Ewenstein-NY). via Chita

on 15385 cd. in 67 ds. (Buer-FL). via Sverdlovsk on 7310 cd. in 67 ds. (Buer-FL). via

Vladivostok on 12020 cd. in 34 ds. (Ackermann-FRG). via Blagoveshchensk on 9580 cd. in

2½ mo. (Meyer-WI). via Petropavlovsk-Kamchatsky on 9710 cd. in 39 ds. (Dittrich-FL). via

Khabarovsk on 7175 "Bear" cd. in 50 ds. (Tuchscherer-WI). 12050 cd. in 57 ds. (Tripathi-

CA). in 50 ds. (Vranes-PA). via Nikolayevsk-on-Amur on 9730 cd. in 52 ds. (Danko-NJ).

9780 cd. in 21 ds. (Watts-AUST). 11965 cd. in 1 mo. (Howard-CA). via Kenga on 17805 w/

f/d "Krasnoya Piazza Olympic" cd. in 4 mo. (Klein-FL)....Tnx for the call Stu...Sam.

AUSTRALIA: VNG 7500 f/d cd. in 2 mo. for 1 IRC. (Reitz-KY). in 45 ds. (Moore-PA). VLV15 via

Perth on 15425 f/d "Map" cd. in 20 ds. (Samuel-MAN). VLV9 9610 via Perth cd. in 21 ds.

for 1 IRC. (Mayer-OH). in 86 ds. (Danko-NJ). in 23 ds. (Posporelis-NY). R. Australia on

* 21740 f/d "River" cd. in 100 ds. (Wallace-MA). 9580 cd. in 2 mo. (Grishin-ONT). ABC 12290

ISB feeder, f/d cd.

in 5 mo. (Meyer-WI).

AUSTRIA: ORF 5945 "Adam"

cd. in 55 ds. (Cron-

in-NY). in 71 ds.

(Eckman-IL). "Glass

Towers" cd. in 1 mo.

for 2 IRCs. (Kowal-

ski-WI). "Snail" cd.

in 2 mo. (Leal-ONT).

9770 f/d cd. in 7

wks. (Schukai-MO).

in 2 mo. (Wallace-MA)

AZERBAIDJAN: R. Moscow

via Baku on 17820

f/d cd. in 30 ds.

(Scott-ONT). 11920

cd. in 208 ds.

(Hensley-TX).

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WITH THE COMPLIMENTS
OF THE
SOUTH AFRICAN BROADCASTING CORPORATION
OUR STATION: PARADYS NEAR BLOEMFONTEIN 20 K.W.

RADIO SOUTH AFRICA

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HEARD BY YOU ON 17.2 METRES 15.000 M.C.
AT 2000 G.M.T. ON [Date]

AZERBAIDJAN: R. Moscow via Baku on 17825 f/d cd. in 5 wks. (Howard-CA). in 4 mo. (Klein-FL). in 32 ds. (Ewenstein-NY).

BANGLADESH: R. Bangladesh 21670 f/d ltr. in 7 wks. for 1 IRC. v/s
* Md. Khalilur Rahman, Research Engineer. (Matthews-OH).

BELGIUM: ORU 21460 f/d cd. in 40 ds. for 1 IRC.
Sticker & pemant rcvd. (Byron-NY).

BELIZE: R. Belize 3285 "Map" cd. in 28 ds.
for 1 IRC. (Blom-NY). in 21 ds. (Ewenstein-NY). in 1 mo. (Wallace-MA).

BENIN: ORTE 4870 f/d "Five Logo" cd. in 126 ds.
for a FR rpt. and 2 IRCs. (Brouillette-MI).
in 63 ds. (Danko-NJ). in 78 ds. (Desrosiers-MA). in 144 ds. for a taped rpt. (Marshall-ND).
in 50 ds. for a recording. (Clifford-OK).

BIAFRA (Nigeria): FRC 6025 via Enugu personal ltr. in
* 6 wks. for 1 IRC. v/s Godson Ijomanta, Controller of the English Service. Addr: B/Cing House, Private
* Mail Bag 1051, Enugu. (Lazarus-IA). Imo B/Cing Service 4755 form ltr. in 5½ mo. (Sparks-CA).

BOLIVIA: R. La Cruz del Sur 4875 cd. in 4 mo. for a SP rpt. and ms. My first Bolivian!!! (Vranes-PA)... Congrats

BONAIRE: TWR 15255 f/d cd. in 2 wks. for 3 IRCs. v/s Julius F. Schipper, Chairman of the Listeners Mail Dept. (Matthews-OH). 11925 cd. in 15 ds. (Tripathi-CA). R. Nederland 9590 f/d cd. in 27 ds. (Cronin-NY). 6165 w/ "Costumes" cd. in 14 ds. for 2 IRCs. (Semesky-IN). in 16 ds. (Wallace-MA).

BOUGANVILLE: R. North Solomons 3322 f/d "Map" cd. in 1 mo. for 3 IRCs. Also rcvd. magazine. (Orcutt-CA).

BRASIL: Radiobras 15290 f/d "Sunset" cd. in 1 mo. for an EG rpt.
* (Wallace-MA). in 73 ds. (Tripathi-CA). R. Pioneira de Teresina 5015 personal ltr. in 14 mo. for a PT rpt. and ms. v/s Pedro Mendes Ribeiro, Director Artistico. Addr: Rua Senador Pacheco 1179, Teresina, Piaui. (Lazarus-LA). R. Rio Mar 9695 large EG/PT cd. in 25
* for a PT rpt. and ms. (Vranes-PA). R. Clube de Marilia 3235 cds. in 2 mo. for a PT rpt. Rcvd. a pen from the station. (Field-MI).

BULGARIA: R. Sofia 9665 f/d "Nessebar" cd. in 69 ds. (Douglass-PA). in 45 ds. (Mayer-OH). 9765 f/d "Zlatni Pyassatsi" cd. in 90 ds. (Wallace-MA). 9705 f/d "Bachkovo Monastery" cd. in 3 mo. (Brouillette-MI). in 60 ds. (McKinney-PA). in 60 ds. w/ f/d "View of Melnik" cd. (Cucura-PA).

BYELORUSSIA: R. Moscow via Minsk on 15150 f/d cd. in 51 ds. (Newhall-CT). in 5 wks. (Howard-CA). 15450 cd. in 35 ds. (Watts-AUST). 7130 cd. in 47 ds. (Buer-FL) 15490 in 35 ds. (Watts-AUST). via Gorky 7170 f/d cd. in 1 mo. (Mooningham-NC).

CANADA: CFCX 6005 cd. in 1 mo. (Wallace-MA). cd. in 2 mo. (Meyer-WI). CFRX 6070 cd. in 2 mo. (Meyer-WI). cd. in 1 mo. w/ sticker. (Reitz-KY). CKZU 6160 cd. in 17 ds. v/s Frances Buchen, Secretary. (Leithner-TN). RCI 11720 cd. in 26 ds. (Tripathi-CA).

CANARY ISLANDS: REE 15365 via Tenerife f/d "Mallorca" cd. in 33 ds. for 2 IRCs. (Ewenstein-NY). f/d "Sierra Nevada" cd. in 1½ mo. (Meyer-WI).

CELEBES: RRI Ternate 3345 n/d IN ltr. in 33 ds. for ms. (Koren-NC). RRI Kendari 4000 f/d
* prepared cd. in 22 ds. for an IN rpt. and ms. v/s Hanafie Umar. (Sparks-CA).

CHILE: La Voz de Chile 15140 "Dawn" cd. in 10 mo. for a SP rpt. (Clark-AZ). in 74 ds. (Gionet-NB). in 58 ds. (Mayer-OH). in 3 wks. (Leithner-TN). in 5 mo. (Wallace-MA). 11890 f/d "Santiago" cd. in 43 ds. (Samuel-MAN). in 1½ yrs. (McKinney-PA). in 47 ds. for ms. (Dittrich-FL).

Radio france
internationale



TDF.RF:IT
TéléDiffusion
de
France

AFRICA

received from
John Meyer
in Wisconsin.

BOITE POSTALE N° 1 LIBREVILLE GABON
BOX N° 1 LIBREVILLE GABON

CHILE: La Voz de Chile 11810 cd. in 342 ds. (Dieckmann-MO). 17680 cd. in 14 mo. (Byron-NY).
CHINA: Fujian Front B/Cing Station of the PLA 5900 cd. in 1 mo. (Field-MI). 5265 "Great Wall of China" cd. in 21 ds. (Dittrich-FL). 7025, 8195, 4840, 4380, 5170, 5770 and 6000 cds. w/ * freqs. in 5 wks. (Barto-CT). Hunan PBS 4990 cd. in 3 wks. (Sparks-CA). "Tai Ho Hall" cd. * in 5 wks. (Barto-CT). Jilin PBS 3310 cd. in 3 wks. (Sparks-CA). in 3 wks. (Howard-CA). * Qinghai PBS 4940 "Peihai Park" cd. in 1 mo. (Barto-CT). CPBS 4905 f/d cd. in 1 mo. (Field-MI). 6750 "Tientan Park" cd. in 5 wks. (Barto-CT). 6665 cd. in 1 mo. (Matthews-OH). R. Peking 15520 f/d "Lumber" cd. in 20 ds. (Brouillette-MI). 17680 cd. in 23 ds. (Samuel-MAN). in 21 ds. (Mayer-OH). in 79 ds. (Marshall-ND). in 20 ds. (Wallace-MA).

COLOMBIA: La Voz de los Centauros 5955 cd. in 50 ds. for a SP rpt. and 1 IRC. v/s Marco * A. Torres G., (Tuchscherer-WI). R. Super de Medellin 4875 ltr. in 3 mo. for a SP rpt. v/s Gilma Velasquez Dea, Administradora y Programadora. My 800th station!!! (Field-MI). in 9 wks. (Leithner-TN). R. Bucaramanga 4845 cd. in 18 ds. for a SP rpt. and ms. Also rcvd. a personal ltr. in SP from the stations secretary who said she likes to flirt with men and wants to correspond!!! (Hoffman-PA). How come you get these Charlie? I'm available. Hi! R. Sutatenza 5075 f/d folder cd. in 45 ds. for an EG rpt. and 1 IRC. v/s Jardany Suarez Ramirez. (Klein-FL).

COOK ISLANDS: RCI 5045 f/d "Seashell" cd. in 5 wks. for 3 IRCs. v/s Nooroa E. Tangaroa, * Director and Head Technican. (Meyer-WI).
COSTA RICA: TIFC 5055 f/d cd. in 56 ds. for 2 IRCs. (Moore-PA). cd. and pennant in 17 ds. v/s J. Ochoa, Administrator. (Schukai-MO). in 21 ds. (Schlaugut-WI). in 30 ds. for an EG rpt. (Wallace-MA). R. Casino 5954 cd. and pennant in 164 ds. (Bodek-NY). R. Noticias del Continente 9615 f/d cd. in 11 mo. for a SP rpt. and ms. (Lazarus-LA). 9490 cd. in 5 wks. (Sparks-CA). R. Universidad 6105 rcvd. a jumbo 30th anniversary poster w/ verie statement on the reverse side. in 5 mo. for a SP rpt. v/s Jose Tassies, Director. (Klein-FL). same in 80 ds. for a SP rpt. and 2 IRCs. My most unusual QSL! (Vranes-PA).

CUBA: R. Moscow via Habana 6150 and 11860 f/d cds. in 61 ds. (Eckman-IL). 9600, 11860 cd. in 39 ds. (Dittrich-FL). 11860 cd. in 37 ds. (Gionet-NB). in 1 mo. (Semsky-IN).
CYPRUS: Cyprus B/Cing Corp. 9585 f/d "Map" cd. in 77 ds. for ms. (Dittrich-FL). "Island" cd. in 77 ds. (Douglass-PA). 6155 and 9585 cd. in 65 ds. (Bodek-NY). BBC "Bridge" cd. in 46 ds. (Watts-AUST). 11955 cd. in 19 ds. for 1 IRC. (Desrosiers-MA).

CZECHOSLOVAKIA: R. Prague 11990 f/d cd. in 30 ds. (name?) 7345 "Castle" cd. in 31 ds. (Watts-AUST). in 79 ds. (Fraser-MA). in 70 ds. (Posporelis-NY). "Tatra" cd. in 49 ds. (Semsky).
DENMARK: R. Denmark 15165 f/d cd. in 34 ds. (Leithner-TN). in 33 ds. for 1 IRC. (Ewenstein).
DUBAI (United Arab Emirates): RTV Dubai 21485 "Map-Logo" cd. in 3 wks. for 2 IRCs. v/s Har * old Robin, Chief Engineer. (Krueger-FL). 21500 in 29 ds. (Gionet-NB). in 21 ds. (Cucura-PA).
ECUADOR: HCBJ 9745 f/d "Cuenca" cd. in 22 ds. (Watts-AUST). in 39 ds. (Dieckmann-MO). 15115 "Zaruma" cd. in 33 ds. (Mayer-OH). in 40 ds. (Wallace-MA). 9745, 11910 and 26020 cds. in 39 ds. (Brouillette-MI). 11915 cd. in 32 ds. w/ pennant. v/s Robert Beukema, Director of Communications. (Semsky-IN). 15250 f/d "Jungle" cd. in 32 ds. (Semsky-IN). 26020 f/d cd. in 5 wks. (Matthews-OH). "Flower" cd. in 32 ds. for 1 IRC. (Newhall-CT) in 3 wks. (Leithner-TN). in 2 mo. w/ pennant for US ms. (Tuchscherer-WI). in 24 ds. for 1 IRC. (Ewenstein-NY) in 27 ds. (Bodek).

* La Voz del Napo 3280 prepared cd. in 2 mo. for a SP rpt. and ms. (Lobdell-MA).
EGYPT: R. Cairo 12050 f/d "Sphinx" cd. in 3 mo. (Wallace-MA). 9745 cd. in 1 mo. w/ pocket calendar. (Matthews-OH). in 85 ds. for 2 IRCs. (Dye-MO).

We thank you for the letter reception report and are pleased to confirm that you have heard our station on 16 Mar. '80 at 12:19-13:00 GMT on 12175 kHz

Sincerely yours,
Rikisutariap
 Foreign Relations

RIKISUTARIAP
 KELAHI STATE BROADCASTING SERVICE
 P.O. BOX 120
 HIKUVAHIA, KELAHI

Mr. Vladimir Curara
 Jr. PDX 31,
 437 Arlington Street,
 Reading, Penna. 19611.
 U. S. A.

LA VOIX DE LA RENOVATION

from the collection of Roly Desrosiers

R ADIODIFFUSION
T ELEVISION
G ABONAISE

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 Tel. 72-27-84 - Telex 5342 GO

RADIO EXTERIOR DE ESPAÑA

submitted by Don Moore
and Paul Kowalski

ENGLAND: BBC 11835 cd. in 15 ds.
(Douglass-PA). 9410 cd. in 41
ds. (Mayer-OH). 5975 "Award" in
4 mo. (Clark-AZ). 9915 f/d cd.
in 2 $\frac{1}{2}$ mo. (Meyer-WI). RCI via
Daventry on 5995 f/d cd. in 2
mo. (Meyer-WI). VOA Woofferton
7200 f/d cd. in 20 ds. (Wallace-
MA). 9760 cd. in 112 ds. for 3
IRCs. VOA QSLs are rare in Aust-
ralia! (Watts-AUST).

ETHIOPIA: Voice of Revolutionary Eth-
opia 7110 f/d green cd. in 3 mo.
* for an EG rpt. (Valko-PA).

EUROPEAN RUSSIA: R. Moscow via Zhig-
ulevsk 15525 "Olympic" cd. in
35 ds. (Watts-AUST). via Kalatch
on 15200 in 43 ds. (Gionet-NB).
via Michurinsk on 9775 cd. in
47 ds. (Buer-FL). via Serpukhov
on 9790 cd. in 61 ds. (Eckman-
IL). via Armavir 12010 cd. in
61 ds. (Eckman-IL). in 52 ds.
(Watts-AUST). 12010 and 15210
cds. in 37 ds. (Ackermann-FRG).
15210 cd. in 5 wks. (Howard-CA).
via Moscow 9680 cd. in 1 mo.
(Mooningham-NC). in 39 ds. (Ditt-
rich-FL). 11630 cd. in 52 ds.
(Watts-AUST). via Tula 9610 cd.
in 39 ds. (Dittrich-FL). in 1 mo.
(Mooningham-NC). R. Peace and
Progress 15450 in 47 ds. (Watts).
When sending your reports to the
Soviet Union be sure to request
that they type the transmitter site
on your QSL...Sam.

NOTE: Guess I'll catch you here in the mid-
dle of the column. John Kapinos has infor-
* med me that he will be holding an outing &
cookout at his home on July 27th. For further
information read the last page of the column.
P.S. Please don't send me letters about my way of abbreviating words (as above informed)
The words have to fit around the design scheme for the column....Sam.

FEDERAL REP. OF GERMANY: Sender Freies Berlin 6190 cd. in 19 ds. (Gionet-NB). RFE 25690 cd.
in 3 wks. (Barto-CT). DW 21600 n/d cd. in 48 ds. (Newhall-CT). VOA via Munich 11920 f/d
cd. in 2 wks. (Meyer-WI). 3980 f/d cd. in 1 mo. (Wallace-MA). Sudwestfunk 7265 f/d black
and silver cd. in 70 ds. for a GM rpt. and 1 IRC. v/s Dr. D. Schorken, Technical Direc-
tor. (Brooker-ONT). Suddeutscher Rundfunk 6030 f/d cd. in 80 ds. for ms. (Dittrich-FL).

FINLAND: R. Finland 15400 "Kapyla Garden" cd. in 23 ds. (Mayer-OH). 9645 "Textile" cd. in 73
ds. (Posporelis-NY). 21475 "Winter in Finland" cd. in 35 ds. (Cronin-NY).

FRANCE: RFI 25900 f/d "Couleurs" cd. in 5 wks. (Barto-CT). 21515 f/d cd. and pennant in 32
ds. (Mayer-OH). 25820 "Subway" cd. in 27 ds. (House-OH). 21580 f/d "La Gare" cd. w/ post-
cards, sticker and pennant in 2 mo. (Wallace-MA). in 3 wks. w/ sticker. (Gower-IL).

FRENCH GULANA: FR3 3385 cd. in 28 ds. for a FR rpt. and 1 IRC. (Reitz-KY).

GABON: Africa Number 1 9595 and 15200 n/d "Logo" cd. in 5 mo. (Meyer-WI). RTVG 4777 via Lib-
reville "Map" cd. in 68 ds. for 2 IRCs. (Desrosiers-MA).

GERMAN DEMOCRATIC REP: RBI 11975 f/d "Wartburgstadt Eisenach" cd. in 60 ds. w/ pennant. (Dou-
glass-PA). 9730 cd. in 40 ds. (Wallace-MA). cd. in 2 mo. (Smith-MD). in 47 ds. (Mayer-OH).

GHANA: GBC 4915 f/d "Logo" cd. in 7 mo. (Leithner-TN).

GREECE: Voice of Greece 9650 f/d "Platamonas" cd. in 1 mo. (Wallace-MA). 11730 f/d "Plomari"
cd. in 47 ds. (Posporelis-NY). 17830 cd. in 47 ds. (Samuel-MAN).

GREENLAND: Gronlands Radio 5988 folder cd. in 94 ds. for 1 IRC. (Moore-PA).

GUAM: KTRW 11840 f/d cd. in 41 ds. for ms. Sticker rcv'd. v/s S. Roessner. (Cucura-PA).

GUATEMALA: TGNC 3300 p/d "Quetzal" cd. in 2 mo. for an EG rpt. (Wallace-MA).

GUYANA: GBS 5950 f/d ltr. in 102 ds. for 2 IRCs. v/s Joy Fraser. (Hoffman-PA). in 51 ds. v/s
T. Luke. (Howard-CA). in 99 ds. v/s L.R.E. Case. (Hensley-TX). in 93 ds. (Bodek-NY). in 48
ds. for 1 IRC. (Brooker-ONT). in 3 mo. (Leal-ONT). in 30 ds. (McClellan-MI).

HAITI: 4VEH 11835 f/d cd. in 2 mo. for 2 IRCs. v/s Mrs. Edna Beachy, QSL Secretary (Meyer-WI)

HOLLAND: R. Nederland 17605 via Lopik f/d "Costume" cd. in 24 ds. (House-OH).

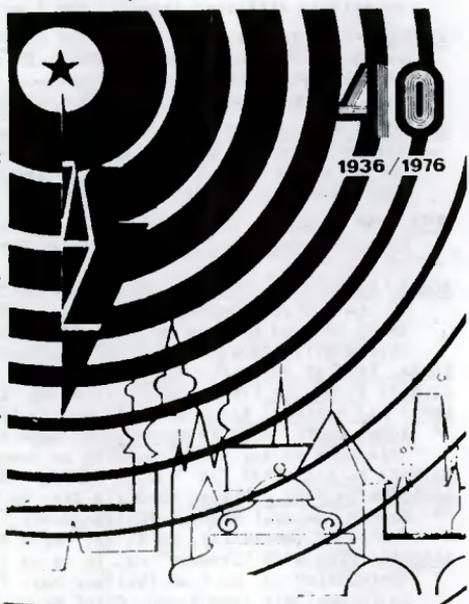
HOLLAND: R. Nederland 9590 f/d "Man w/ Pipe" cd. in 35 ds.(Mardeuse-MA).
HONDURAS: HRVC 4820 cd. in 19 ds. for an EG rpt. v/s F. Aguilar, Director. (House-OH). in 1½ mo. for 3 IRCs. (Meyer-WI). in 40 ds. for 1 IRC. v/s Ines Alvarado.(Samuel-MAN).
HUNGARY: R. Budapest 9585 and 9835 large "Year of the Child" cd. in 60 ds. (Semsky-IR). 9585 "Globe" cd. in 30 ds. for 1 IRC.(Mardeuse-MA). 9833 f/d

Avec les compliments de
l'Office de Radiodiffusion et Télévision du Bénin
ORTB via Marge Witte
LA VOIX DE LA REVOLUTION
B. P. 366 - COTONOU (REPUBLIQUE POPULAIRE DU BENIN)
"SW Club" cd. in 1 mo.(Wallace-MA).

ANNOUNCEMENT: New England Area DXers Outing (Fifth Annual)
This years outing has been scheduled for Sunday, September 7th. It will take place at Black Rock State Park in Watertown, Conn. As in previous years we expect somewhere around 100 attendees! The highlights will be friendship, good conversation, and of course, our annual HAP auction and softball game. (On April 27th, I attended a meeting of Mass. area DXers at the home of John Kapinos in Shrewsbury. Over a dozen Mass. DXers stated, rather emphatically, that the people from NY, NJ and PA don't even know which end of the bat to hold.) Sounds like they have issued a challenge!
A banquet has also been scheduled for Saturday night September 6th at the Holiday Inn in Waterbury, Conn. There will also be a HAP auction at the banquet of some very choice items! For further detailed information concerning this years outing, please send a \$28 large (#10) SASE to your NASWA QSL Editor....Thank you.

ICELAND: Reykjavik Radio 12175 f/d "Landscape" cd. in 30 ds. for 2 IRCs.(Cucura-PA). in 80 * ds. for 2 IRCs.(Vranes-PA). in 88 ds. for 1 IRC.(Blom-NY). in 55 ds.(Mayer-OH).
INDIA: AIR 11620 f/d "Gateway" cd. in 5 mo.(Wallace-MA). f/d "Temple" cd. QSL was mailed from Washington DC(Kapinos-MA).same in 7 mo. from DC.(Smith-ND).
IRAQ: R. Baghdad 9745 "Map" cd. in 35 ds. for 2 IRCs.(Semsky-IN). in 42 ds. w/ pennant(Marshall-ND). in 91 ds. w/ poster & pennant(Cronin-NY). in 66 ds. (House-OH). huge emblem cd. in 3 mo.(Wallace-MA). 11925 cd. in 240 ds. for 3 IRCs.(Watts-AUST).
IRELAND: R. Condor International 11463 f/d ltr. in 33 ds. 100 watts.(Moore-PA). in @1 mo. * v/s John Paul Jones and Alan Gillmore.(Valco-PA). 6243 ltr. in 33 ds.(Krueger-FL).
ISRAEL: IBA 7412,9815 and 11637 f/d "Temple" cd. in 6 wks.(Matthews-OH). 11637 cd. in 63 ds. (Tripathi-CA). 9815 and 11637 cds. in 62 ds.(Semsky-IN). 25625,25605,21495,17685,17615, 15582 and 11610 f/d cd. in 30 ds.(Cucura-PA). 9815 "Flags" cd. in 1 mo.(Wallace-MA). 9815 "Dead Sea Scrolls" cd. in 63 ds. for ms.(Byron-NY).
ITALY: RAI 11800 f/d "Statue" cd. in 4 mo.(Wallace-MA). 9575 f/d "Nude" cd. in 64 ds.(Posporellis-NY). f/d "Giorgione Castle" cd. in 4 mo.(Fizer-WV).

IVORY COAST: RTVI 4940 f/d "SWL" cd. in 39 ds. for a FR rpt,IRC,Canadian penny,stickers and other data.(Brooker-ONT).in 48 ds. for 3 IRCs.in 42 ds. for a FR rpt. and 1 IRC. (Reitz-KY). in 48 ds.(Plotnick-CT).
JAPAN: R. Japan 15270 "Fireworks" cd. in 29 ds. for 2 IRCs.(Haysbrook-UT). 21640 cd. in 23 ds.(House-OH). 15310 cd. in 37 ds. for 1 IRC (Mardeuse-MA). 17825 cd. in 31 ds.(Fraser-MA). "Doll" cd. in 1 mo.(Wallace-MA).
JAVA: Voice of Indonesia 11790 f/d "Tanah Lot" cd. in 122 ds. w/ sticker(Cucura-PA). f/d "Bull Race" cd.(Fizer-WV). RRI Surakarta 4932 personal ltr. in IN in 6 wks. for an IN rpt. and ms. v/s Ws. Nardi. BBA. Kepala sub seki Komunikasi.(Lazarus-LA). in 12 wks. for an IN rpt. and ms. v/s Bernardus Djoko Suseno (Sparks-CA). RKP KAB D Tk2 Banyuwangi 3504 ltr. in 3 mo. for an IN rpt. and ms. v/s Ridwan, Pimpinan Studio.(Sparks-CA). RPD Tk2 * Situbondo 3577 ltr. in 2 wks. for an IN rpt. and ms. v/s Mawari Soegianto.(Sparks-CA).
KAZAKH: R. Moscow via Alma Ata on 9505 cd. in 34 ds.(Ackermann-FRG). 15520 cd. in 40 ds. This is my 15th republic! (Vranes-PA).
KENYA: Voice of Kenya 4915 ltr. in 22 ds. for 1 IRC. v/s N. Kaura.(Eckman-IL).4934 ltr. in 24 ds.(McClellan-MI)....This station does not desire IRCs with reports....Sam.
KIRGHIZ: R. Moscow via Frunze 11820 f/d cd. in 2½ mo.(Meyer-WI). 15535 cd. in 37 ds.(Ackermann-FRG).



RADIO PRAHA

HAP BID WINNERS: John Vogelmann(181), Steve Sbordone(167), Bill Wild(187,191), Sol Gold(199), Lewis Parsell(193), Tom Semesky(195), Edward Eckman(173), Mike Walker(182,185,192), John Walters(177), Frank Wheeler(183), Dave Haysbrook(189), Don Moore(168,172,174,196,200), Richard Pistek(166,204), Bill Campbell(164,188,198), Bill Matthews(190), Kevin Meyer(169), and our big winner John Herkimer(163,175,184,197,202,203, and 205)..Thanks!

HAP BID ITEMS: #274: Radio Belgium-ORU cloth pennant(4.5v9.5") orange,purple,white - a real shocker! #275: Radio Korea cloth pennant(4x9")red,blue and pink w/ green border. #276: KPOI(Hawaii) decal(3x8")brown,white. #277: Radio France International triangular decal, red,white,blue. #278: IBRA Radio vinyl pennant(5x8")white,green,blue - beauty! #279: Telediffusion de France-Region Sud-Ou Est multi-colored sticker-super! #280: WBZ T-Shirt (S) "Overnight Sensation" black-real sharp! #281: WBZ T-Shirt(M) same as #280. #282: WBZ T-Shirt(S)"Glick University" maroon. #283: Voice of Free China-BCC desk plaque(2x4")gold and black. #284: Radio New Zealand paper pennant(3.5x8.5")red,yellow-really sharp looking! #285: Voice of Asia(Taiwan)key chain with a simulated leather pouch with zipper! I use one myself! #286: VOFC-BCC station pin, silver and black. #287: VOFC-BCC multi-colored station decal(2.5x4"). #288: Radio Tashkent triangular pin, multi-colored. #289: WBZ and WOWO station decals, 2 different, large(4x14"). #290: Radio RSA decal(3.5x5.5")green yellow and black. #291: Radio France International cloth pennant(4x8")white,blue-sharp! #292: Radio Sole(Italian pirate!)stunning black and white 4" circular decal. This is an erotic art decal-worth every penny!!! #293: Italian Pirate decals/stickers, 5 different, all multi-colored. #294: Radio Moscow cloth pennant(3x5.5")red,white,blue. #295: KCRG T-Shirt(S)"Coke" red,white. #296: KCRG T-Shirt(M)"Coke" red,white. #297: Advertisist World Radio(Poona,India)paper pennant(4x10")white,yellow,blue-sharp! #298:European Music Radio (EMR) decal(3x14")blue,white. #299: EMR decal(2.5x15.5")red,white. #300: EMR decal(2.5x15.5")black,white. #301: Radio Andorre decal(2x10")red,white,yellow. #302: Radio Peking plastic pennant"Tien an Men"(5.5x10.5") multi-colored. #303: Radio Peking plastic pennant"Mountain Village"(5.5x10.5")multi-colored. #304: Radio Peking plastic pennant"Ching-kang Mountains"(5.5x10.5")multi-colored. #305: KEBC belt buckle(2x3")really fine article for wearing! #306: Italian Pirates decals/stickers, 10 different, all multi-colored! #307: WZND vintage 1972 and 1976 decals, 2 different, red,white. #308: Radio Argentina(RAE) cloth pennant(7x13.5)blue,white. WWVI(Virgin Islands)large station pen filled with over \$1,000.00 in shredded currency! - beauty! Almost forgot, WWVI is #309.....Sam.

HAP STICKERS/DECALS FOR SALE: The following stickers and decals are being offered at \$.25 each or 5 different for a dollar(\$1.00): WKCI,KYV,WCCB(WINEB affiliate), KVIC,WZND,KDWB,KRPL(circular), KRPL(long),WJOB,KFI,WEEU,WRAU,WHUM(car),WHUM(truck),WKJT,WOTW,KJIM,CFCY,WDET(large),WDET(small),KLOR,Radio Vatican,WMNI,WCVA,WBET,WSRS,CRNA,CKNW,KPOF,WYSL,WDCY,WKJR,KIRO,KROY,KRSP,WXQR,WRFK,WNVR,KDKD,KEBC and WFME....Please make your minimum order over \$1.00. Return postage in US ms. is appreciated. In refunds of \$1.00 or less, I will substitute different items in the form of stickers or decals...I hope you understand.

ADDRESS: Send in your closed bids and orders for the saleable items to: Sam Barto,460 Emmett St. B-19, Bristol, Conn. USA 06010.If any of our readers out there have duplicate items in their collections, such as pennants/stickers/decals, and you would like to donate them to the HAP BID ITEMS, send them to the above address....HAP thanks you.....Sam.

HAP ITEMS FOR SALE: The following are being offered at the quoted prices: WWVI(Virgin Island) sticker, blue and white(\$.50). KRNA 1980 wall calendar-really sharp!(\$1.00). KOOL extra large "Butterfly" decals(\$.50). Radio Vatican paper pennant(\$.50). Radio SR(Swaziland) decal(20" long) a real beauty!(\$1.00). KRPL(Moscow,ID) station pen(\$.50).

NOTE: HAP thanks go out to the fine contributions sent in by Ted Ossege, Vlad Cucura, Rich Eckman, Walter Dittrich, and especially to Tom Haskett and Carl Mann....Thank you!!!

KOREA, REPUBLIC: R. Korea 9720 f/d cd. in 50 ds.(Semesky-IN). in 36 ds.(House-OH). 9815 f/d cd. in 5 wks.(Schukai-MO). 7550 and 15570 f/d "KBS Building" cd. in 1 mo.(Matthews-OH). 15570 cd. and pennant in 30 ds.(Brooker-ONT). 11830 "KBS" cd. in 35 ds. for 2 IRCs.(Haybrook-UT). 11830.cd. in 5 wks.(Barto-CT).

KOREA, PEOPLES REPUBLIC: R. Pyongyang 9977 "Childrens" cd. in 33 ds. for 2 IRCs.(Watts-AUST).

KUWAIT: R. Kuwait 11665 f/d cd. in 44 ds. for ms.(Douglass-PA).15345 cd. in 34 ds.(Watts).

LAOS: Lao Nacional Radio 6596 via Pakse ltr. from Vientiane in 6 wks. (Sparks-CA). Lao National Radio 7384 via Savannakhet same as above; however, both letters were rather unsatisfactory so far as QSL wording is concerned. (Sparks-CA).

LATVIA: R. Riga 5935 f/d "Cubist Design" cd. in 3 mo. v/s R. Viskere.(Tuchscherer-WI).

LEBANON: La Voix du Liban 6550 f/d ltr. in 59 ds. for a FR rpt. and 1 IRC. v/s Joseph El-Hachem, General Manager.(Clifford-OK). in 46 ds. for 2 IRCs.(McClellan-MI). in 51 ds. for 1 IRC.(Moore-PA). in 64 ds. for a FR rpt. and 2 IRCs.(Ewenstein-NY).

LIBERIA: ELWA 4770 "Drummer" cd. in 29 ds. for 1 IRC.(Clifford-OK). VOA Monrovia 15240 f/d

* "Satellite" cd. in 1 mo.(Wallace-MA). 17865 cd. in 24 ds.(Marshall-ND). ELBC 3255 ltr. in 1 1/2 wks. v/s Jame Annan, Chief Engineer.(DeRoy-ME)....Thanks for the call Roger...Sam.

LITHUANIA: R. Vilnius 15100 f/d "Town" cd. in 3 mo.(Schukai-MO). 17870 in 77 ds.(Eckman-IL).

LUXEMBOURG: R. Luxembourg 6090 f/d "Antenna" cd. in 5 mo.(Wallace-MA). in 156 ds.(Posporelis-NY). in 144 ds.(Schlaugat-WI). in 15 mo.(Clark-AZ). in 153 ds. for 3 IRCs.(Semesky-IN).

MALAGASY REPUBLIC: R. Nederland 11730 f/d "Happy Station" cd. in 1 mo. (Wallace-MA). 6020 "Costumes" cd. in 18 ds. for 2 IRCs. (Watts-AUST).

MALAYSIA: Voice of Malaysia 15295 cd. in 214 ds. for 3 IRCs. (Watts-AUST).

MALTA: AWR 9665 f/d cd. and QSL stamp in 1 mo. (Mathews-OH). DW 9565 n/d "Logo" cd. in 99 ds. (Semsky-IN). R. Mediterran 9650 f/d "Cathedral" cd. in 3 mo. for 3 IRCs. (Douglass-PA). Xandir Malta 9670 ltr. in 5 mo. for 3 IRCs. v/s Victor Aquilina. (Timmer-IN). IBRA Radio 9650 f/d "Reaching Africa"

cd. in 85 ds. for 1 IRC. (Vranes-PA). 9630 f/d "Reaching Latin America" cd. in 51 ds. for 1 IRC. (Buer-FL). 9650 f/d "Cathedral" cd. in 62 ds. for 3 IRCs. (Semsky).

MANCHURIA: Heilongjiang PBS 4915 f/d "Iron Smelter" cd. in * 1 mo. via Peking. (Toope-NFLD). 5950 cd. in 20 ds. (Ditt-MAURITANIA): R. Mauritania 4845 f/d "Map" cd. in 48 ds. for 3 IRCs. (George-TX).

MAURITIUS: MBC f/d "Flag" cd. in 23 ds. for 3 IRCs. (Watts) * Was this for the 9710 frequency?...Sam.

MONACO: TWR 9495 f/d "Map" cd. in 71 ds. (Schlaugat-WI).

MONGOLIA: R. Ulan Bator 12070 blue and gold "Logo" cd, pin and a large pennant in 136 ds. for 2 IRCs. (Blom-NY).
NEW CALEDONIA: FR3 7170 f/d ltr. in 9 mo. (Smith-MD). in 83 ds. for a FR rpt. and 1 IRC. (Brooker-ONT).

NEFOUNDLAND: CKZN 6160 cd. in 3 mo. for ms. v/s F. Holm. (Leithner-TN). in 42 ds. for 1 IRC. (Buer-FL). in 42 ds. for ms. (McClellan).

NEW IRELAND: R. New Ireland 2428 f/d personal ltr. in 1 mo. via Kay-
* ieng. v/s Aloysius Rumina, Provincial Station Manager. (Sbordone-FL).

NEW ZEALAND: RNZ 17860 "Roturua" cd. in 11 ds. for 2 IRCs. (Watts-AUST). 15345 f/d "Mountain Lake" cd. in 55 ds. for 1 IRC. Rcvd. pennant. (Finger-NIGER): ORTN 5020 2 cds. in 194 and 23 ds. for a FR rpt. Address zer-WV).

* rpts. to: Le Chef du Centre HF. (Glonet-NB). "Map" cd. in 1 mo. (Valko-PA).

NIGERIA: Voice of Nigeria 15120 f/d "Flag" cd. in 218 ds. for 3 IRCs. (Watts-AUST). Bendel B/Cing Service 4932 ltr. in 5 wks. v/s L.A.C. Salami, Eng. * ineer. (Leithner-TN). Plateau B/Cing Corp. 5965 via Jos f/d ltr. in 36 ds. for 1 IRC. (Fisher-MA).

NORWAY: R. Norway 6185 f/d "Winter in Norway" cd. in 57 ds. (Mayer-OH). 11895 same cd. in 37 ds. (Samuel-MAN).

PARAGUAY: La Voz del Amambay 5995 ltr. in 3 mo. on my fourth try w/ a SP rpt. * Also rcvd. a pennant from the station. (Field-MI).

PAPUA NEW GUINEA: R. Madang 3260 f/d cd. in 56 ds. via Boroko for 1 IRC. (Moore-PA). * R. Gulf 3245 cd. in 56 ds. (Moore-PA). R. Chimbu 2376 f/d "Map" cd. in 56 ds. for 1 IRC. (Moore-PA). R. West Sepik 3205 f/d cd. w/ booklet in 1 1/2 mo. (Sparks-CA)

in 56 ds. for 1 IRC. (Moore-PA). in 30 ds. for 1 IRC. (Tuchscherer-WI). R. Western Highlands 2450 f/d cd. in 56 ds. for 1 IRC. (Moore-PA). R. Eastern Highlands 2410 "Map" cd. in 56 ds. (Moore-PA). R. East Sepik 3335 f/d "Map" cd. in 1 mo. for 1 IRC via Wewak. (McClellan-MI). in 5 wks. for 1 IRC. v/s Paul Kafofi. (Lazarus-LA).

PERU: R. Imagen 5035 personal ltr. in 3 wks. for a SP rpt. and ms. v/s Jose Mesia Lopez, * Gerente. Addr: Martinez de Compagnon 172, 2 piso, Tarapoto. (Lazarus-LA). ltr. and cd. in 48 ds. for a SP rpt. and 2 IRCs. (Tuchscherer-WI). R. Tropical 4935 cd. in 1 mo. for a SP rpt. and 1 IRC. Another IRC was used on the envelope for RP! (Field-MI).

* R. Esmeralda 5300 ltr. in 1 mo. for a SP rpt. and ms. v/s Aurelio Liberatto A. Director Gerente. (Lobdell-MA). in 4 mo. for a SP rpt. (Field-MI).

PHILIPPINES: R. Veritas Asia 17790 f/d cd. w/ personal ltr. in 1 mo. for 1 IRC. (Reitz-KY). cd. in 17 ds. (Watts-AUST). in 44 ds. for 1 IRC. (Moore-PA). VOA via Poror/Tinang 17740 f/d cd. in 30 ds. (Ewenstein-NY). 11760 f/d cd. in 12 ds. (Fraser-MA).



Shortwave
Service

1926

Radio Tallinn QSL as submitted by Chris Lobdell



BITŠ-3

PHILIPPINES: FEB 17810 cd. in 41 ds. (Fizer-WV). in 5 mo. (Wallace-MA). in 3½ mo. (House-OH). 11890 "Bamboo Tree and Hut" cd. in 64 ds. for 1 IRC. v/s Zeny Visca. (Tripathi-CA).

POLAND: Polskie Radio 9675 f/d "Anniversary" cd. in 57 ds. (Scott-ONT). 11815 cd. in 26 ds.

PORTUGAL: RFE via Gloria 15115 cd. in 2 mo. (Meyer-WI). IBRA Radio 9670 cd. (Forman-NY). in 1 mo. for 1 IRC. (Moore-PA). AWR via Sines 9745 and 9615 f/d cd. and QSL stamps in 3 wks. for 3 IRCs. (Matthews-OH). R. Portugal 6025 "Autumn" cd. in 96 ds. (Watts-AUST). in 1 mo. w/ "Winter" cd. (Wallace-MA). 11925 "Tapestry" cd. in 43 ds. for 1 IRC. (Dye-MO). "Sunflower" cd. in 35 ds. (Posporelis-NY). "Roll Top Desk" cd. in 33 ds. (Semsky-IN).

QATAR: QBS 9570 "Map and Logo" cd. in 35 ds. for an EG rpt. (Sbordone-FL).

ROMANIA: R. Bucharest 9570 f/d "Hercules Baths" cd. in 97 ds. (Schlaugat-WI). same in 3 mo. (Wallace-MA). 15335 "Borsa Mountains" cd. in 70 ds. (Watts-AUST). same in 89 ds. (Blom-NY). 9690 f/d "Resort" cd. in 2 mo. for 2 IRCs. (Douglass-PA).

RWANDA: DW 11965 cd. and sticker in 21 ds. (Watts-AUST).

SEYCHELLES: FEBA 15325 "Map" cd. in 31 ds. for 2 IRCs. (which were returned) (Watts-AUST).

SICILY: RAI 7175 via Caltanissetta f/d cd. in 96 ds. for 1 IRC. (Desrosiers-MA). f/d "Giorgione Painting" cd. in 97 ds. for 2 IRCs. (Douglass-PA). in 92 ds. (Blom-NY).

SOLOMON ISLANDS: SIBC 5020 f/d "Emblem" cd. in 40 ds. for 2 IRCs. (Gower-IL). in 22 ds. for 2 IRCs. (Sbordone-FL). in 22 ds. for 1 IRC. (Blom-NY). in 3 wks. (Kapinos-MA).

SOUTH AFRICA: R. RSA 21535 f/d "Cheetah" cd. in 3 wks. (Gower-IL). 21535 cd. in 20 ds. (Tripathi-CA). 5980 f/d "Table Mountain" cd. in 20 ds. (Wallace-MA). 11900 f/d "Durban" cd. in 30 ds. (Mayer-OH). Radio Five 3250 f/d cd. in 7 wks. (Klein-FL). in 71 ds. (Eckman-IL).

SPAIN: REE 11880 f/d "Nesting Storks" cd. in 37 ds. (Marshall-ND). "Lake" cd. in 30 ds. (Tripathi-CA). f/d "San Clemente Castle" cd. in 45 ds. w/ pennant. (Fizer-WV). 9630 "Ibiza" cd. in 1 mo. (Wallace-MA). in 32 ds. (Hoffmann-NY). in 26 ds. (House-OH). 15375 f/d "Stork" cd. in 33 ds. (Desrosiers-MA).

SRI LANKA: SLBC 15425 f/d "Eight Shrines of Worship at Anuradhapura" cd. in 29 ds. for 1 IRC (Brooker-ONT). in 72 ds. (Fizer-WV). VOA via Colombo 15205 cd. in 15 ds. (Tripathi-CA).

SUMATRA: RRI Banda Aceh 4955 f/d ltr. in 6 wks. for an IN rpt. and ms. (Field-MI).

SURINAM: R. SRS 4850 f/d form ltr. in 4 mo. for an EG rpt. and 1 IRC. v/s Edith R. Russel. (Klein-FL). in 151 ds. (Moore-PA). R. Apintie 4794 friendly QSL ltr. in 74 ds. for 2 IRCs v/s E. Vervourt, Director. Station uses only 50 watts! (Moore-PA). in 5 wks. for 2 IRCs. (Sparks-CA). in 55 ds. for 2 IRCs. (Vranes-PA). (Clifford-OK).

SWAZILAND: Radio SR 3223 f/d "Warrior" cd. in 27 ds. for 1 IRC. v/s Bill Cookson, Chief Eng.

SWEDEN: R. Sweden 21615 cd. in 33 ds. (Moore-PA). in 23 ds. for 1 IRC. (Fraser-MA). 9695 cd. in 23 ds. for 1 IRC. v/s Karin Brindt. (Mardeuse-MA). "River Scene" cd. in 19 ds. (Tripathi-CA). 11905 cd. in 20 ds. (Forman-NY). in 15 ds. (Mayer-OH). 11705 cd. in 21 ds. (Haysbrook-UT). "Map" cd. in 20 ds. (Wallace-MA). in 23 ds. (Haysbrook-UT).

SWITZERLAND: SRI 9725 f/d "Schiora Range" cd. in 68 ds. (Mayer-OH). in 25 ds. for 2 IRCs. (Haysbrook-UT). 11715 cd. and sticker in 48 ds. (Semsky-IN). 3985 cd. in 58 ds. (Posporelis-NY).

TADZHIK: R. Moscow 17730 via Dushanbe f/d cd. in 32 ds. (Ewenstein-NY). in 30 ds. (lis-NY) (Scott-ONT). in 5 wks. (Howard-CA).

TAHITI: R. Tahiti 15170 f/d "Polynesian Girl" cd. in 3 mo. for 2 IRCs. (Meyer-WI).

TAIWAN: VOFC 17890 and 15270 2 different cds. in @ 25 ds. (Watts-AUST).

TANZANIA: R. Tanzania 15435 f/d "Drum" cd. in 48 ds. for 1 IRC. (Desrosiers-MA). in 59 ds. (Fizer-WV). 4785 cd. in 45 ds. for 2 IRCs. (Tuchscherer-WI).

TIBET: Xizang PBS 5935 via Lhasa f/d cd. in 3 wks. via Peking. (Howard-CA). 5240 cd. in 1 mo. (Field-MI). 9490 cd. in 2 wks. (Lobdell-MA). cd. in 19 ds. (Dittrich-FL). in 18 ds. (Vranes)

TRANSKEI (South Africa):
Capital Radio 7160
 * f/d ltr. in 6 wks.
 v/s J.T.M. Moody,
 Managing Director.
 Also rcvd. 2 stickers
 (Clark-AZ). in 37 ds.
 for 2 IRCs. (Glonet).

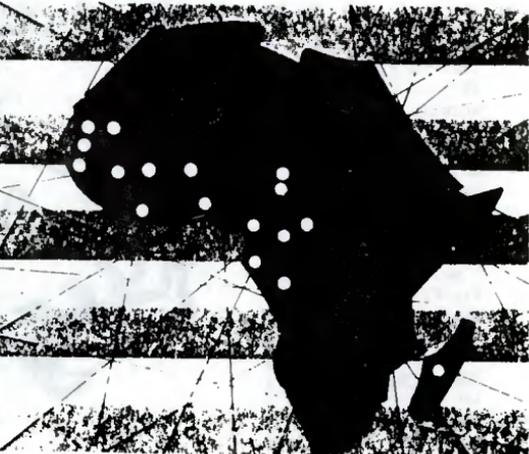
TURKEY: Voice of Turkey
 11955 f/d "Bald Ibis"
 cd. in 51 ds. w/ pin,
 pennant. (Semsky-IN).
 9515 cd. and pennant
 in 4 mo. (Fizer-WV).
 in 113 ds. (Pospore-
 lis-NY). "Love and
 Peace" cd. in 1 mo.
 (Wallace-MA).

UGANDA: UBC 15325 f/d cd.
 in 285 ds. (Dieckmann-
 MO).

UKRAINIAN SSR: R. Moscow
 11735 via Vinnitsa
 f/d cd. in 45 ds.
 (Brouillette-MI).



LOMÉ TOGO



UKRAINIAN SSR: R. Moscow 11730 via Vinnitsa cd. in 39 ds. (Dittrich-FL). via Kiev on 11800 cd. in 2½ mo. (Meyer-WI). 7165 cd. in 78 ds. (Desrosiers-MA). in 1 mo. (Mooningham-NC). via Ivano-Frankovsk on 9665 f/d "Anniversary" cd. in 47 ds. (Buer-FL).

USA: WYFR 11855 "Globe" cd. in 21 ds. (McCants-LA). 21615 f/d "Logo" cd. in 1 mo. for ms. (Wallace-MA). WINE 15185 f/d "Microphone" cd. in 2 mo. for ms. (Wallace-MA). KGEI 15280 f/d cd. in 30 ds. All in SP. (Tripathi-CA). WONS 6965 f/d "Map" cd. in 112 ds. for a phone-in report. (Bodek-NY). 6955 cd. in 11 ds. for a phone call. (McClellan-MI). WLBN * 4770 (3x1590) p/d ltr. in 1 mo. for ms. (McClellan-MI). Radio Syncom 48 (International) 6248 f/d large paper QSL in 5 wks. w/ bumper sticker. v/s Chuck Felcher. (Field-MI). 6225 f/d certificate like QSL in 36 ds. via FRC (Bodek-NY). same w/ sticker and pennant in 1 mo. via FRC. (Wallace-MA). in 43 ds. (Semesky-IN). 6225 and 6248 in 30 ds. via FRC. (Vranes-PA). in 1 mo. (Krueger-FL). in 2 wks. for ms. via FRC. (Osterman-OH).

USSR: R. Moscow 9490 cd. and ltr. in 68 ds. w/ Olympic calendar. (Mayer-OH). in 33 ds. (Fraser-MA). 12030 f/d "Birch Trees" cd. in 1 mo. (Wallace-MA). 6000, 11870 and 12010 cds. in 6 wks. w/ no sites. (Field-MI)...Maybe they are returning to the old style...Sam. 11860 cd. in 49 ds. (Forman-NY). R. Peace and Progress 17750 cd. in 3 mo. (Wallace-MA).

VATICAN: R. Vatican 11845 f/d cd. in 37 ds. (Mayer-OH). in 22 ds. (Tripathi-CA). in 19 ds. for 2 IRCs. (Semesky-IN). 6015 f/d "Technical Center" cd. in 1 mo. for 1 IRC. (Gower-IL).

VENEZUELA: Ecós del Torbes 4980 ltr. and pennant in 133 ds. for a SP rpt. and 4 IRCs (Watts-AUST). * in 55 ds. (Posporelis-NY). ltr. and sticker in 29 ds. (Sbordone-FL). R. Maturin 5040 f/d "Antenna" cd. in 31 ds. for a SP rpt. and 2 IRCs. (Tuchscherer-WI). R. Rumbos 4970 2 different cds. in 278 ds. (Moore-PA). 9660 f/d cd. in 9 mo. (Field-MI).

VIETNAM: Voice of Vietnam 10040 ltr. and pennant in 115 ds. (Moore-PA).

WEST IRIAN: RRI Sorong 4875 cd. in 153 ds. for 3 IRCs. v/s A.F.C. Usmany. (Watts-AUST). * RRI Merauke 3251 ltr. in 6 wks. for an IN rpt. and ms. v/s Achmad Day, Kepala Sekai Teknik. (Sparks-CA).

ZAIRE: R. Lubumbashi 11865 personal ltr. in FR containing a verification statement in almost 7 years (!) after my original rpt. and 2½ mo. after my 23rd (!) follow-up. v/s * Mulenga Kanso, Chef de Bureau des Services Generaux. (Lazarus-LA)...Either he liked the stamps on the envelope or he got tired of reading your letters...Sam.

ZIMBABWE: ZBC 3306 large "Map" cd. in 41 ds. for 2 IRCs. (Watts-AUST).

That about does it for another issue fellas. This time around we hit 132 countries! I believe this ties our old record. Lets break the 132 mark next time around....Sam.

NOTES: NASWA Country Chairman, Don Jensen has informed me that the the Lima address given in the last QSL column is not a general address for stations outside of Lima - rather it is the address of the Roberto Cruzado Broadcasting Organization which owns 5 radio stations in Peru. Don suggests not sending reports to the "Lima 7" address...Thanks for the info Don...Sam. Mike Hardester, upon receiving a QSL from the Heilongjiang PBS, had the distinct impression that Peking was QSLing the regional sites as simply a past time. Peking is really interested in reports on their International transmissions via Radio Peking. It might behoove us if we enclosed a report of their Radio Peking transmission along with the regional report...Good idea Mike. Alex Vranes of 671 3rd St., Apt. 404, Beaver, PA. 15009 received a QSL from Eesti Radio for a Mr. Shaun Geraghty. Anyone knowing Shaun's address please contact Alex...Sam. William Krause of 3913 9th Lane, Anoka, MN 55303 would like the most recent address for Radio Rivadavia in Argentina. Please contact Bill if you know the address...Sam. Bruce Ewenstein of 615 Pelham Parkway N., Bronx, NY 10467 wants to know the QRP of La Voix du Liban. Anyone know? Dario Monferini of Via Davanzati 8, 20158 Milano, Italy is willing to trade for a Radio Atlantida pennant. He would like to add this pennant to his collection. Anyone having a duplicate pennant can contact Dario at the above address. Dario has also informed me that the Italian stickers and decals that we have auctioned off from time to time in the HAP section are not really pirates at all, but legally operated stations. Sorry for misleading anyone...Sam. A few of our members have inquired as to why some of their QSLs (submitted in the same letter) appear in one column and the remaining QSLs in the next months column. The reason is simple. I usually start typing the QSL column around the 15th of each month. It takes @ 4 to 5 days to complete. If your letter arrives while I am in the process of designing the column and I have typed up to the letter "M", all of your QSLs with countries starting after the letter "M" will be in that months column. Those QSLs prior to the letter "M" will appear in the next months column. Hope I have answered your questions....Sam.

OUTINGS: Don't forget the July 27th outing at Kap's. You may write to him at 86 South Quinsigamond Ave., Shrewsbury, Ma. 01545 or call 1-617-798-0378 for further details. Hope to see you there...Sam.

NEW ENGLAND AREA DXers OUTING: Just to remind you to contact me if you want further information about this annual event. You can't pass up the pie eating contest or the softball game! See you in September. Make your plans now...Sam.

Best of DX and QSLing,

Sam



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

June 1980

		Asia							Asia				
Reporter/Location	C/H	C/V	CH	CV	Best	QSL	Reporter/Location	C/H	C/V	CH	CV	Best	QSL
1 James Young, Calif	222	211					46 Alex Vranes Jr, Pa	176	138				
2 Irving Johnson, Calif	221	72	62	15	Molucca		47 Kent Willis, Ky	176	134				Laos
3 John Tuch'er'er, Wis	221		62		Qatar		48 Steven D'Adolf, Mas	174	141	49	38	Ulan Batr	
4 Dan Henderson, Md	220	212	63	62	Hong Kong		49 Bobby Hobbs, NC	173	104	43	22	Lebanon	
5 Ernie Behr, Ont	219	200	62	56	Tibet		50 Ben Radcliff, Ill	173	100	30	11	FEN	
6 Sam Barto, Conn	216	206	63	59	Iraq Kurd		51 Brian Cartwright, Pa	173	39				
7 Al Sizer, Conn	215	210	61	60	Turk Pol		52 Hadley Cress, Va	173	8	41	3	Sri Lanka	
8 Marlin Field, Mich	214	211	60	58	Gorontalo		53 Alan Plotnick, Conn	172	157				
9 Bob Padula, Austrla	214	206					54 Albert Muick, Pa	172	118				
10 Edward Kusalik, Ont	212	194					55 Jerry Lineback, Ill	172	101	39	12	Uj Pandan	
11 Bill Sparks, Calif	211	206	62	58	Manchukuo		56 Albert Cannon Jr, NCL71	146	33	27	Damascus		
12 Bill Whitacre, Mich	211	184	59	44	Dili		57 Brett Saylor, Pa	171	95	28	14	Veritas	
13 Edward Shaw, Ky	210	199	62	57	Hong Kong		58 Charles Wootten, Trk170	170	141	49	38	Sanaa	
14 Jerry Berg, Mass	209	203	56	53	Em de Goa		59 Martin Foltz, Mich	170	120	37	22		
15 Alan Mayer, Ill	209	185	60	47	Bangk Met		60 Bill Reynolds, NY	168	94	30	21	Sri Lanka	
16 Dan Robinson, DC	206	167					61 Michael Salay, Ohio	168	91	45	17	Bangladsh	
17 Roger Legge, Va	205	180	53	41	Hong Kong		62 Stephen Pitts, Ore	167	140	50	40	Denpasar	
18 Nobuaki Takahashi, Ja	205	161					63 James Smallwood, Al	167	131	42	32	Tibet	
19 Albert Garrou, Ill	204	150	58	36	VTVN		64 Bob Pierce, Mass	167	92	39	17	Lebanon	
20 Al Miller, Ohio	201	190	58	54	Qatar		65 Vladimir Cucura, Pa	166	91	40	21	UAE	
21 Serge Neumann, Ind	201	183					66 Charley Hoffman, Pa	165	135	42	31	Brunei	
22 Myron Smith, NY	201	165	55	37	Baku		67 Michael Agner, Mass	165	89	23	13	Fuchow 2	
23 Gerald Bishop, Pa	200	155	50	34	JJY		68 Frank Orcutt, Calif	164	129	41	33	Brunei	
24 Al Niblack, Ind	200	130					69 Henry Lazarus, La	162	150	40	35	Pekanbaru	
25 Jim Fedor, Calif	200	126					70 Paul Buer, Fla	162	137	43	36	FEN	
26 Neal Perdue, Ala	200	57	54	12	Pakistan		71 Neal Kolb, Fla	160	75	38	15		
27 Victor Jaar, Quw	199	4					72 Brian Alexander, Pa	160	71	25	12	Kuwait	
28 James Koren, NC	195	157					73 Andre Pineault, Que	159	130	27	24	Bangladsh	
29 Joe DiLeo, Conn	194	181	53	46	Turk Met		74 Jim Douglass, Pa	158	126	38	33	Qatar	
30 Mike Ryan, Calif	191	157			DZ17		75 David D'Angello, Pa	158	30				
31 Tom Gavaras, Minn	191	155					76 Ralph Alm, BC	156	111	48	31	Tibet	
32 Douglas Wicks, Pa	191	135	52	34	Ulan Batr		77 Niel Wolfish, Ont	156	105	32	22	Saudi Ar	
33 Chris Lobdell, Mass	189	176	43	38	Qatar		78 Dave Twiggs, Conn	155	100			Okinawa	
34 Larry Abraham, Mich	189	158	50	36	Ambon		79 Dan McCarthy, Fla	152	129	36	29	Sorong	
35 Don Moore, Pa	189	125	50	28	Sarawak		80 Herman Ackermrn, Ger	152	110	47	31	Vladvostk	
36 Terry Krueger, Fla	189	110	52	20	Singapore		81 Robert Smith, NJ	149	96				
37 Ron Howard, Calif	187	158	50	37	Dubai		82 Mitchell Taylor, Ga	148	99				
38 Andy Robins, Mich	186	133	49	30	Vietiane		83 Gordon Blom, NY	147	120	35	27	Lebanon	
39 John Fisher, Ont	185	142	49	33	AIR Madrs		84 David Margritz, Neb	147	85				
40 Troy Gower, Ill	182	147	38	27	Baku		85 Tom Overcamp, SC	146	126	27	22	Bangk Met	
41 Jim Uerlings, Ore	182	28	34	2			86 John Haniwell, NJ	146	121				
42 John Sgrulleta, NY	179	179					87 Roly Desrosiers, Mas	146	119	31	27	JJY	
43 Dave Valko, Pa	179	118	24	13	EBC Malsa		88 Sholom Glikzman, Il	146	108	37	30	Ambon	
44 Jeff O'Donnell, Pa	177	103	15	7	Singapore		89 Walter Kunz, Pa	146	71	35	11	Rhodes	
45 John Herkimer, NY	176	160	41	33	Afghanstn		90 Ceaser Braga, Mass	146	48	39	11		

Asia						Asia					
Reporter/Location	C/H	C/V	CH	CV	Best QSL	Reporter/Location	C/H	C/V	CH	CV	Best QSL
91 Steven Sbordone,Fl	144	70	29	14	Qatar	151 Greg Darylchenko,On	101	76	18	12	Malaysia
92 John Onken, Ill	143	116				152 Bill Algeri, Pa	101	65	21	13	Afghanstn
93 James McClure, Ky	143	81	28	11	Okinawa	153 R N Harrington,Col	100	61			
94 Mike Hardester,Cal	142	117	40	34	Kachsiung	154 James Milvey, NY	99	79			
95 Henry Ward, Que	141	109	31	21	Tibet	155 David Sedgeley,Colo	99	68	22	12	Uzbek
96 Lauren Ware, Va	141	49	21	6	Philppnes	156 Ted Maszynski,Conn	98	45			
97 Terry Colgan, Tex	140	38	22		Sarawak	157 Darryl Holland, NY	98	43			
98 Conrad Richardson,V	140	11	27		Oman	158 Stephen Leite, Mass	96	78	22	16	
99 Dan Prisco, Pa	139	111				159 David Greenes, Mass	96	21	21	5	Indonesia
100 John Kapinos,Mass	139	109	32	26	JJY	160 Stephen Ponder, NC	95	74			
101 Philip Wala, Calif	138	102	32	24	Bangladsh	161 William Krause,Minn	95	60	23	13	Tashkent
102 Greg Ravenhorst,Mn	138	100				162 Jeff Kruszka, Ohio	94				
103 Allan Courtney, Ky	138	53				163 Brent Dalgleish,Ont	91	46	20	8	Jordan
104 Kevin McKell, Ill	137	106	35	27	Jordan	164 Lenny Saaf, Ill	91	31			
105 Bill Harms, Wash	137	81	43	22	V SE Asia	165 Dave Maxfield, Mich	91		24		Afghanstn
106 Baxter Hensley,Tex	136	114	33	28	Afghanstn	166 William McDavitt,NY	88	74			
107 Steve Kennedy,Fla	136	92				167 Robbie Berezowski,Alt	88	65			
108 W Max Greenwood,Pa	136	6	30	1		168 Chris Fygett, Ont	86	64	10	6	AIR
109 George Link, Calif	135	106	38	27	Afghanstn	169 Mickey Delmage, Man	85	78	9	6	Taiwan
110 Robert Fleck, Tex	135	105				170 Edward Stroh, Ill	85	68	15	10	Israel
111 Bob Ottaway, Colo	135	90				171 Norm Newhall, Conn	84	73	21	16	Afghanstn
112 Carl Durnavich,Ill	134	77				172 Clarence Wilson, Tex	83	63			
113 Mac Leonhardt, Ind	133	70				173 Thomas Semesky, Ind	81	51	16	8	Veritas
114 Stephen Porter,Conn	132	66			Thailand	174 Eric Goodson, SC	80	20	15	2	
115 Peter Schipelliti,M	131	54				175 David Mosier, Calif	78	37	18	9	Kuching
116 Jim Hilliker, Calif	129	93	33	23	Thailand	176 Duane Wise, Ind	77	44	14	4	
117 Gerald Word, Ga	128	105				177 Terry Weinhold, Pa	74	47			Jordan
118 Walter Dittrich,Fl	127	97	30	18	Tibet	178 Roger Reini, Tex	74	37	9	5	NIRT
119 Bruce Ewenstein,NY	127	55	27	9	Java	179 Terry Concannon,Cal	71	53			
120 Edward Pyatt, Ga	126	115	24	21	Bangladsh	180 Paul House, Ohio	70	36	13	5	
121 Peter Kerr, Ont	126	113				181 Joe Dias, Calif	69	52			
122 Jerry Johnston, Ky	125	78	28	15	Ulan batr	182 Jerry Schmidt, Wisc	69	44	17	9	Korea
123 Terry Moon, Calif	125	78				183 Dennis Kelly, Mo	68	48			
124 Adam Gaffin, Mass	123	80	23	12	Okinawa	184 David Labossiere,Con	66	55			
125 Hans Johnson, Tex	122	80	19	14	Tashkent	185 Steven Shaffer, Ind	66	39			
126 Robert McIntosh,Ont	121	75				186 Gerald Clark, Ind	64	50			
127 Tom Haskett, Ind	119	99				187 Ed Dye, Mo	64	35	11	7	Peking
128 Jay Hamilton, SC	119	81				188 James Trame, Tenn	63	44			
129 Scott McClellan,Mic	119	56	25	11	Lebanon	189 Bruce Johnston, NY	62	50			
130 Larry Cunningham,O	117	41				190 Kelvin Watts, Austl	62	33			
131 Robert Goss, Tex	115	81	15	9	Vietnam	191 Joe Kremer, Del	62	19			
132 Kevin Meyer, Peru	115	80	28	18	Lebanon	192 Terry Klaser, Mo	60	32	13	5	
133 Robert Wallace,Haw	114	91				193 Bill Taylor, Pa	59	45	12	8	Iran
134 Chris Leithner,Ten	114	85	9	7	FEBC	194 Robert Zajda, Mass	58	41	5	4	Kuwait
135 Charles George,Tex	114	84	25	15	Kuching	195 Ted Ossege, Ohio	57	36			
136 Timothy Noonan,Wis	113	80	16	11	AIR	196 Rita Verneti,Kwa jn	55	51	14	14	Saudi Arab
137 Thomas Lebryk, NJ	111	59	25	10	Japan	197 Duke Rice, NC	55	46			
138 Tom Blossom, Ohio	110	97	26	21	Brunei	198 Martin Delfin, Tex	53	51			
139 Robert Viau, Que	110	96	22	19	Alma Ate	199 Al Schlaugat, Wisc	53	33	11	5	Indonesia
140 Mildred Marshall,ND	108	93				200 Ron Carbis, Calif	52	29			
141 Marjorie Burns,Ill	108	83	21	14	FEBC	201 Paul Brouillette,Mi	48	37	7	4	Iraq
142 Dan Morisseau,Nebr	108	38	21	5	Jordan	202 Lexington Smith, NY	46	25			
143 David Schweikrt,Va	107	77				203 Tom Clutters, Ohio	42	20	6	1	Israel
144 Gary Biasini, Alta	107	50	25	8	Singapore	204 Jeff Finley, Ohio	42	10			
145 Gene Eastman, Tex	106	54				205 Don Warner, Ohio	40	22	7	1	
146 William Mann, Ont	105	89	11	9	Taiwan	206 Paul Lerner, NY	35	28	4	2	Israel
147 Mike Brooker, Ont	105	78	10	7	Vietnam	207 Charles Dumont, Que	34	19			
148 Arthur Burke Jr,Fl	105	64				208 Walter Swaim, Fla	34	18			
149 Ken Kashiwabara,Cal	102	72	21	13	JJY	209 Richard Austin, Ky	31	17	2	1	Japan
150 David Reitz, Ky	102	67	18	10		210 Steven Sahnaw, RI	23	20	3	2	IBA

That takes care of another quarter. A number of you have not reported in a while. Remember you must report at least once a year to keep your name on. So have a good summer and let's hear from you before August 15, when the spotlight will be on Europe.

73's *Myron*

update

June 1980***Number 68

Tom Alleman
615 W. 43rd Terr., Apt. 6
Kansas City, MO 64111 USA
(816) 931-5943 0000-0300 GMT only!!!

UPCOMING DEADLINES: 11 June (Mid-June) 22 June (July) 12 July (Mid-July)

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- ARGENTINA** R. El Mundo, 6120, in SP 1020-30; M talking to Juan Carlos on the phone abt an upcoming event. (Orcutt, CAL)
- AUSTRALIA** VLI 6, Sydney, 6090, in EG 0845; M host w/ talks, folk and pop mx. Killed by het at 0853. (Mosier, CAL)
- BELGIUM** BRT, 21460, in FR 1557; drum-type IS, ID, annmt for Afr, talks and accordion mx. (Mosier BOLIVIA R. Padilla, 3480, in SP 0105-0115; nx by M, brief light mx, clear ID 0109. Quite good and rather surprised. (Don Moore, PA)
- BRAZIL** R. Cl. Varginha, 3245, in PT 0031-50; lamenting ballads and a samba at 0045. ID by M 004 Poor. (John Moritz, OH 5-18)+++R. Cult. Pocos de Caldas, 3265, in PT 0006-24; M&W anncrs, ranche ballads, accordion mx and ID. (Moore, PA)+++R. Tapuyo, 3295, in PT 0020-45; tentative w/ Iguatemi also on freq. Ballads. (Moore, PA)+++R. Iguatemi, 3295, in PT 0029-0045; ranchera mx, IDs by M at 0038-44. Nice and clear. (Moore, PA)---Same 0015-0030 w/ very strong sigs. Noted 5-18 w/ neat group vocals of a local nature and some accordion mx. W anncr at 0028. (Moritz, OH)---Same night 0015-0100 w/ ranchera mx, M anncr and frequent IDs. (Neal Perdue, AL)+++Soc. R. Dourados, 3375, in PT 2344-0005; MoR mx, M anncr, mentions of Brazil. Tentative. (Moore, PA)+++Rdf Londrina, 481 in PT 0135; M anncr w/ ID, freqs. Bad QRN. (Stu Klein, FL)+++R. Araguaia, 4905, in PT *0803; jingle and ID at opening, into farms sounds and ordinary Brazilian AM pgm. (Jerry Berg, MA)+++ Ceara R. Cl., 6105, in PT 0840; 2 M anncr w/ spirited discussion or argument, ID in over them as they continued to talk in background. (Klein, FL)+++R. Gaucha, 6135, in PT 0930; quick ID and local pops. Weak. (Chris Leithner, TN)
- BURUNDI** Bujumuru, 3300, in lang *0300; over and under the Guatemalan. Chanting near 0300 and Af vocals later---some day I'll pull these guys out of the mush---I hope. Some of us never did hear COMRAC. (Bill Whitacre, MI)***Still looking for this one myself, Whit. No luck yet. tba
- CAMEROUN** Bafoussam, 4000, in EG 0500-0506; EG nx relay. (Sellers, ONT)
- CHINA** Hunan PBS (Changsha), 4990, in CH 1225-1310; beautiful CH opera mx then talk by W. (Orcutt CAL)
- COLOMBIA** Ondas del Ortega, 4975, in SP *1015; in and out of UTE trouble w/ NA, M w/ s/on annmts, local nx. (Klein, FL)+++Ecos del Atrato, 5020, in SP 0355-0400*; s/off annmts and NA. (Moore, PA)+++R. Sutatenza, 5095, in SP 0904; ID, annmts, possible editorial. (Mosier, CAL)+++Ondas del Darien, 6088a, in SP *0925; NA, "Amanecer Campesino," morning pgm. Some comunicados leading off all good till tx problems hurt. (Pitt McNeil, DC 5-11)***Welcome back, Pitt.tba***LV Llano, 6115 in SP 0940; usual latin pops, ads, IDs. (Leithner, TN 5-18)
- COMORO IS.** Moroni on 3330 w/ usual (!!!tba) *0300. This night they seemed to start out on the low side of CHU and then move around under CHU. Tx trouble? Last time heard they were rock solid on the high side of CHU. (Whitacre, MI)
- COSTA RICA** R. Rumbo, 6077, in SP 0800-1000; anncing 24 hours. Heavy QRM from Sutatenza in event but good in early AM. Quick TC/ID between songs, longer ID on hour. One full ID at 1000 giving freqs as 525 and 6075 (About 70% sure---didn't sound like WRTVH list 6175) and 90.3 FM. (Berg, MA)---Same at 0749 giving 24 h annmt. QTH given as Apartado Postal 140, Cartagano, Costa Rica. Says b'cast is for our friends in the Americas. (Klein, FL)---Same at 0931; low-voiced bored sounding DJ, pop mx, "en Rumbo" after each selection. TC after each disc. Frequent ads w/ mention of Cartago. Tnx Henry Lazarus. (Jack Jones, MS 5-16)---Same 1010-1103; M DJ, wide range of mx. Many ads and few IDs. Call is TICAL. Tnx Klein. (Leithner, TN)
- CUBA** RHC, 11760, in lang 0500 but not on 11725. Change? (Sellers, ONT)
- ECUADOR** Ondas Quevedenas, 3325, in SP 0820; fast latin mx, ID/TC by M. Poor w/ UTE on low side. (Klein, FL)+++ CRE, 4765, in SP at 0440*. ID, calls, NA and gone. (Sellers, ONT)+++R. Rio Amazonas 4870, in SP 0210-0310; Quito-based religious pgm to 0218, local ID and TC, pgm of comunicados, pleasant accordion tunes mixed in. More mx to 0259 ID, mx, religious pgm and then LA Muzak. On p 0400 this night. (McNeil, DC 5-10)***Often heard well here these days. tba
- FRANCE** RFI, 3965, in FR 0355-0431; pips 0400, ID, nx FR mx pgm to half hour. M&W between songs. African Ser pgm // 17850, 17800, 15300, 15135. Lists as Allouis 4 kW. (Charley Hoffman, PA)
- GERMANY (FED REP)** DW to NAM 0120-0150 on 6045, 6085, 6100, 6145, 9545, 9565, 9605, 11865. To WNA 0530-0550 heard 5960, 9545, 9650, 11705. (Sellers, ONT)
- GUAM** KTWR, 11840, in EG 0900-30; relaying religious pgm from Hong Kong. ID 0928 at "This is Hong Kong-TWR." Annctd that pgm would be repeated 1415 in 19 mb. (Ken Bricoe, IN)***Ken, I almost hate to tell you this, but what you heard counts as Guam rather than Hong Kong. Under NASWA rules, it is the transmitter site (Guam) rather than the studio (Hong Kong) which determines the country here. Sorry. (tba)
- INDONESIA** RRI unknown site, 3270, in IN 1015; M&W anncr, usual mx. RRI ID 1030 but couldn't get site. Not Gorontalo. (Klein, FL)+++ RRI Ujung Padang, 4719, in IN 0955; semi-Islamic singing, brief talks by M, possible call to prayer, more-Moslem-influenced mx. Fair. (McNeil, DC 5-10)+++

RI Jakarta, 4775, in IN 1020; fair but fluttery. Light pop mx, M host, possible local nx 1030. (McNeil, DC)+++**RI** Palembang, 4855, in IN 1050; local female vocals, SCI 1100, W annr. (Klein, FL)+++**RI** Wamenah, 5043, in IN 1053; usual format. M w/ site ID 1059. (Klein, FL)

LIBERIA ELWA, 4765m, at *0555; usual IS, hymns, ID at s/on; apparently ex-4770. (McNeil, DC 5-9)

MADAGASCAR RTVM, 3288, in FR 0310; W w/ FR and Afr vocals. Belize a few kHz away. (Whitacre 5-9)

MONGOLIA Ulan Bator, 12070, in EG *1219-40; IS, ID, nx, commentary by W and talk by M. (Orcutt)

NETH. ANTILLES TWR, 15420, in SP 0135-50; MoR SP vocals, ID, religious talk by M. (Orcutt, CA)

MOZAMBIQUE Beira list on 3280 in verns 0330 w/ Afr vocals by M group accompanied by drums. (Whitacre, MI 5-9)

NEW HEBRIDES Vila, 7260, in FR/EG 0857-1035*; local vocal mx, FR pops, and the odd US rock tune. ID and song titles by M. Full EG ID and nx 1002. Drum IS and off 1035. (Orcutt, CAL)

NEW ZEALAND RNZ, 11945, in EG *0820; mailbag show at 0845. Readable but heavily QRNed. (Maxfield Greenwood, PA)

NIGERIA R. Kwara, 7145; heard lately around 2300. Once w/ nx at 2300 another time ID 2300 and 2302*. Got it after a long look. (Berg, MA)

PERU R. Oriente, 3284, tentative in SP 0130-0200 and 0258-0306; almost certain the one w/ all rock mx and SP annr. Thought I had IDs at 0140 and 0147 but severe het hurt talk badly. Het still there 0258 recheck but did get mentions of Peru. (Moritz, OH 5-18)+++R. La Convencion, 3552, in SP 0155-0226, making its annual summer appearance. M in SP talk at t/in to 0201 when short mx break. Vy nice SP vocals by M w/ annr between tunes. No ID but am positive it is them. (Moritz, OH 5-20)+++R. Coop. Satipo, 4785, tentative in SP 1010; M annr w/ long talk. Satipo mentioned. Local mx too. Ribamar gone earlier. (Klein, FL)+++R. Atlantida, 4790, in SP 1012; usual format. (Klein, FL)+++R. Moyabamba, 5015, in SP 0255-0310; LA mx, M w/ talks, clear IDs 0257, 0303 and 0304. UTE QRM at times. Perdue, AL)---Same tnx Perdue 0301*. Many clear IDs, mixed bag of mx, including short Andean flute selection. Tnx Perdue. (tba)+++R. Imagen, 5035, n SP 0335-0603*; tna tba. Std LA fare mixing w/ presumed Caqueta. Some US pops. 0455-0505 happy Birthday between 2x Anniversary Waltz. Mention Tarapoto 0553, tentative ID and 2d mention 'arapoto. S/off w/ choral NA. (Perdue, AL)---Same here w/ same details to 0505 when my ears gave out due to QRN. tba+++Allof the following from Pitt McNeil: R. Continental, 6056, tentative in P 0915; mainly costal criolla tunes, no interruption past 0930 when QRM got it.+++R. Huancavelca, 4885, in SP 0510-30; on late mainly w/ criolla tunes. DJ in after every 3d tune. +++R. Libertad de Junin, 5041a, in SP 0545+ w/ DJ and talks plus ID. Difficult.+++R. Moyabamba, 5015, in P 0934-1010. Huyanos at first, political ads and many clear IDs mostly taped. +++R. Pampas, 854a, tentative in SP 1013; talks by M, couple of guitar huaynos, more talks but going fast. (McNeil, DC)

IRATE Syncom International, 6278a, in EG 0309-20; classical mx, phone number. Jumps around quite abit for obvious reasons; noted later w/ rock format. (Moritz, OH)+++v of Clipperton, 390, in EG 0615-37*; call as RX 4 M. Old radio comedy pgm, ID annr Phil Harris, freq, s/off nncmts. If in Seattle, estimate power as 50w. (Mosier, CA)

ORTUGAL Sked for J-80: 0300 ECNA 11925, 15125. 0500 WCNA 9575, 11925. 1600 India/ME (M-Sa) 1530. 1800 (1700 Su) Afr 17880, 21530 (M-SA). 2030 Eur 6025. (Sellers, ONT)

AUDI ARABIA BSKSA, 23710h, in EG 2113-18. classical mx. 2x11855 also hrd. (Moore, PA)

INGAPORE SBC, 11940, in EG 1520; EzL pops, ID, TC for 11 o'clock at 1530. World nx. (Mosier, CA)

OLOMON IS Honiara, 5020, in EG 1006-15; RA nx, local ID and TC by M. (Orcutt, CA)

PAIN SFR sked as monitored: 0005-0155 and 0515-0615 on 11880, 9630. 6065 at 0515 has been roped. (Sellers, ON)

MAZILAND TWR, 3365, in EG/verns 0255; IS and multilingual IDs. (Whitacre, MI 5-9)

NEDEN RS, 15240 nf, in EG 1830-1900; to Afr ex-15355. (Sellers, ON)

ANZANIA RT, 4785, in SW 0320; fair but readable only on USB. Light Afr mx hosted by M. First time in a while. (McNeil, DC)***Usually in vy well here. tba

A.E. Dubai, 21485, in AR 0900; AR vocals and applause. HS relay. Ads 0958, EG ID and request or rpts. Several AR IDs and into AR nx. (Berg, MA)

ENEZUELA R. Maturin, 5040, in SP 0945-1005; LA mx, ads and jingles, ID and Rumbos net nx. (Orcutt, CA)

ANZIBAR RTZ, 3339, at 0328 over the QRN w/ local tunes fading after 0340. Poor but pleasing. (McNeil, DC)---Same 0309-30; Koran readings at t/in, W annr w/ ID Afr choral mx, talk by same and into AR-style chants. Tnx Harry Jones. Best abt 0320. (tba)---Same 0255 t/in surely w/ kw worth of sig. At t/in, bongo IS, NA, W w/ s/on anncmts and clear ID, M w/ Koran and into children's choir. At 0320, Islamic sounding mx. Fading by 0330 and gone 0345. Textbook log. (Orcutt, CA)

OR SALE: QRN, in bushel baskets and bales, cheap. All highly refined guaranteed genuine. Also give rebates on purchases of lightning noise. As Joe Garagiola says--hear a crackle, get a check. Will trade for pound lots of QRM for the machine gun radar. Call Tom "I can get it for you below dealer's cost" Alleman.

Best of 73,



log report section

1600-4899



TERRY KRUEGER

- 2340 PAPUA NEW GUINEA R West New Britain; 1037-1115 PD hymns, ID, ads, similar to N. Solomons earlier (Bryan, Klein)
- 2390 MEXICO R Huayacocotla; 0151 SP, ranchera, W ID, ad/TC (Leithner)
- 2390 GUATEMALA LV de Atitlan; 1140 SP M ID, ranchera mx, f (Bryan)
- 2410A UNID; 1058 EG, some rock and anmts, very weak (Leithner 4-19)
- 2428- PAPUA NEW GUINEA R New Ireland; 1100-1229 lang/PD, chants and coconut milk drunks w/ usual, ID/TC (Klein, Bryan)
- 2450 PAPUA NEW GUINEA R West Highlands; 1035 PD, nx, f (Klein)
- 2468 PAPUA NEW GUINEA R North District; 0940-1030 PD, mx (Moore, Klein)
- 2745 KOREA, N. KCBS; 1330-1400 KO tlk by M, 1cl mx // 3850 and 2767, vg except 2767 w/ heavy UTE QRM (Orcutt)
- *3000 JAVA RKPDT-1-Surabaya; 1327 chorus w/ fast version of NA, M ID -- I got "Surabaya" part -- into rock, M tlk 1332, slow tempo rock mx w/ flute tenor vocalist w/ C&W theme into 1336, f (Poppin 4-16)
- *3092 ARSPSR UNID; RS lang tlk abt composer, vocals, poem abt Ukraine To the West (Ookraen Na Vostok), WWII story, silence, power on 1330: M "Govorit Moskva", bells all in USB, g (Poppin)
- *3120T TIMUR RRI-Dili; 1002-1035 C&W style mx, IN M, then W past 1035 f/out fair (Krueger/Crawford/Santosuosso/Sbordone-Canaveral Nat'l Seashore 5-17)
- 3170 CZECHOSLOVAKIA OLB5; 0445-0500 second pips, none skipped or 'double pulsed', prolonged pip minute mark, f (Johnston) /Meyer)
- 3205 BRAZIL R Riberao Preto; 0000 PT, ID/TC, 1cl mx (Barrette, Klein,
- 3205 PAPUA NEW GUINEA R West Sepik; 1100-1140 EG W ID, PD nx (Klein, Bryan)
- 3208.5T MOZAMBIQUE RM; 0305-0320 PT W, Afro string mx, M, no ID (Barrette)
- 3215 SULAWESI RRI-Menado; 1258 ID, IN nx, not Uj. Pandang as reported in March LR-A (Behr 4-17)
- 3220 ECUADOR HCJB; 0010 SP/Quechua, guitars, W (Meyer-PERU)
- 3220 PAPUA NEW GUINEA R Morobe; 1113 EG, island mx (Klein)
- 3225 BRAZIL Lams R Clube; 2350-0005 clear ID 2358, Brazil pops, p (McCoy)
- 3225 VENEZUELA R Occidente; 0003-0201* SP pops, ID, echo anmts, ads, UTE QRM (Eastman, Moore)
- 3235 BRAZIL R Cl. Marilia; 0005-0055 PT, pops, ID/TC (McCoy, Klein)
- 3240 PERU R America; 0015 SP, LA EZL mx w/ several IDs (Meyer-PERU)
- 3241.5T MOLUCCAS RRI-Ambon; 1300-1313 IN nx, no IDs hrd (Behr, Bryan)
- 3250 SOUTH AFRICA R Five; 0427 EG DJ, Olivia Newton-John tune (Nikolich)
- 3251 KALIMANTAN RRI-Banjarmasin; 1300 IN nx, 1314 clear ID, mx and drama on a Sunday; good w/ het from UTE (Behr) 1015 IN (Crawford at CNS-FL)
- 3252 ECUADOR LV del Triunfo; 0340 SP ID/TC, ads, pops, f (McCoy)
- 3255 LIBERIA ELBC; 2300 f/in w/ pops, drumming, EG ID and nx, rel. pgm from 2315; hymns, s/off tune, 0002* (Lobdell, Valko, Yajko)
- 3255 VENEZUELA LV del Tigre; 0200 SP, ID, pops, s/off anmts and NA, U300* (Jordan, Yajko, Kunz)
- 3260 PAPUA NEW GUINEA 1106 C&W, lang M w/ ads/TCs, f-g (Klein)
- 3265 BRAZIL R Cultura Pocos de Caldas; 0005 PT, long EZL mx, M ancr w/ Elk, TC/ID over UTE (Klein)
- 3265 SULAWESI RRI-Gorontalo; 1020 IN M&W, mx, ment RRI, f (Klein)
- 3275T BRAZIL R Dif. Alagoas; 0015 PT pops, M tlk, ment "R Dfa" and "Alagoas, f over UTE (Klein)
- 3275 PAPUA NEW GUINEA R South Highlands; 1105 PD, pops (D'Angelo, Klein)
- 3275 SWAZILAND TWR; 0332-0346* Shangaan rel. sermon, mx, p (McCoy)
- 3275 VENEZUELA R Mara; 0133-0340 SP, LA pops, ID/TCs, ads (Cunningham, Jordan, Kunz) 1010 (Nikolich)
- 3276.7 INDONESIA UNID; RRI 1300 IN nx, f; if Jakarta, must be more than 1 kW listed in new WRTVH; listed 7.5 kW in '76 (Behr 4-17)
- 3279.9 ECUADOR LV del Napo; 0020 SP, criollo, LA pops (Meyer-PERU)
- 1015 SF, TC/ID, EZL local mx (Klein)
- 3285V BELIZE RB; 0300-0456 EG/SP nx, pops, "Editor's Notebook" pgm (McClellan, Jordan, Kunz)
- 3285 PERU R Oriente; 0030 SP ID, LA pops, ads and TCs, no technical problems at all (Meyer-PERU 4-20)
- 3295 BRAZIL R Tapuio; 0035 PT tlk, US pops, ads, few IDs (Meyer-PERU)
- 3295 BRAZIL R Iguatemi; 0030 PT, ID, EZL PT mx, two M, f (Klein)
- 3300 GUATEMALA TGNC; 0300-0500 EG rel pgming (Moman, Baker, Kunz, Wentzell)

- 3315 ECUADOR R Pastaza; 0105 SP nx, ID, cmtry, elections (Meyer-PERU)
- 3322 PAPUA NEW GUINEA R North Solomons; 1010 EG/PD M (Klein)
- 3325 ECUADOR Ondas Quevedenas; 0040 SP, nx by M, criollo, ID (Meyer-PERU)
0820 SP, fast LAm mx, ID/TC (Klein)
- 3325 NIGERIA FRC-Lagos; 2302 EG, local nx, rel tlk, p (Kunz)
- 3330 CANADA CHU; EG/FR M, time signals 0411 (Wentzell 4-21)
- 3330 PERU Ondas del Huallaga; 0110 SP, local notes by M, ments of "Tingo Maria," comunicados, ID (Meyer-PERU)
- 3335 BRAZIL R Cl. Conquista; 0040-0150 PT, IL/TC, pops (McCoy, Klein)
- 3335 PAPUA NEW GUINEA R East Sepik; 1045-1225 EG/PD, G&W, ID and freqs given, sports (Moman, Klein)
- *3339 ZANZIBAR RTZ; 0304-0333, Swahili fairly strong when f/in, tlk by deep-voiced ancr, AR type mx, some hilife (Valko 4-12) ID Dave, these dudes are ignoring my reports... TK
- 3345 MOLUCCAS RRI-Ternate; 1025 IN, soft W, IN M and ID (Klein)
- 3346T ZAMBIA RZ; 0416 talking in Swahili, apparently nx, no ID, p (Nikolich) I don't know, not reported lately, but... TK
- 3360 GUATEMALA LV de Nahuala; 0320 SP, marimbas, ID (McClellan, Kunz)
- 3365 BRAZIL R Cultura Araraquara; 0050 PT, EG pops, het, ID (Klein)
- 3366 GHANA GBC-2-Accra; 2257 EG, ID, NA, off (Kunz) T 0544 EG nx by M in EG, no ID hrd 0600, f-g (Wallace)
- 3375 ANGOLA R Nacional; 0414, PT M, ID, much CW QRM (Nikolich 4-11)
2315-2358* PT, IDs by W, Afro mx, "Godfather" theme, NA, f-g (Valko)
- 3375T BRAZIL R Soc Dourados; 0045 PT, ment Dourados, EZL/MoR mx (Klein)
- 3380 ECUADOR R Iris; 1042 ID, SP anmts w/ echo effect, guitar mx bkgnd, sev. "B. Dias Esmeraldas" into campo mx (J. Jones) 0120 (Meyer-PERU)
- 3380 GUATEMALA R Chortis; 0330 SP, marimba mx, ID 0333, g (Kunz)
- 3380 MALAWI MBC; 0325-0412 Chichewa, tribal mx, ads, some EG and ments of "MBC" into drums, xylophones (McCoy, Nikolich, Jordan)
- 3385 NEW BRITAIN R East New Britain; 0800-1235 EG/PD, ads, TC/IDs, nx, Island mx, local wx report (Moman, Diekmann, Klein, Orcutt, Leithner)
- 3390 ECUADOR R Zaracay; 0127-0450 SP, ID/TC, soap operas, mx (6 reporters)
- 3395 VENEZUELA R Universidad; 0340 SP M vocals, romantic ballads in SP w/ ID by M 0345 (Jordan) 0957 SP M ancr w/ ID (Moore)
- 3396 ZIMBABWE ZBC; 0350-0410 EG nx by W, ID/TC (Nikolich, Witte, McClellan)
- 3405 BRAZIL UNID; 0115 PT, comedy pgm, two M, no ID ments Brazil (Meyer)
- 3481 BOLIVIA R Padilla; 0131 SP, TC/ID by M, local notes, EZ mx (Meyer)
- *3525 BRAZIL R Transamazonica; 0050 PT, SP mx on a PT station! ID at 0100, more EZL PT mx (Meyer-PERU)
- 3552 PERU R Dif. la Convencion; 0140 SP, PT mx on a SP station! (ugh, TK) local notes w/ few IDs, comunicados, more mx (Meyer-PERU)
- 3810 ECUADOR HD210A; 0513-0840 SP ID, time tones (Moman, Meyer-PERU)
- 3880V USA (PIRATE) WBLO; and other reported IDs e.g. "Y92Z" w/ rock, new station jingle 0434-0813 area (Danko, McClellan, Warshauer)
- 3905 ADMIRALTY IS. R Manus; 1042 EG thru AROS, f (Klein)
- 3910 JAPAN FEN-Tokyo; 1250 EG US pops, US M ancr, f (Moman) shauer)
- 3925 PAPUA NEW GUINEA NBC; 0918 EG drama, rock, ARC QRM //4890 (Warshauer)
- *3930 CAPE VERDE IS. Voz de Sao Vicente; 2348-2400* PT vocals and instr mx, s/off anmts by M 2358 and NA; weak w/ QSB (Buer 4-24)
- 3945 NEW HEBRIDES Port Vila; 0845 FR, pop mx, ads, W, NSB splatter, two reports and no QSL (Witte) one report and no QSL for me... TK
- 3960 SULAWESI RRI-Palu; 1421-1432 IN W, trumpet taps and electric organ, 1423 "Radio Indonesia Pa-100" and chopsticks played on xylophone (Poppin) T 1300 IN nx relay; no ID hrd (Behr 4-17)
- 3962 USA (PIRATE) WBLO; 0849-0915* rock, DJ w/ UK accent, aslo DJ from Jakarta, India (sic), crazy cmtry (Warshauer 5-3)
- 3985 ECUADOR Esc. Rfonicas Pop.; 0045 SP/Quechua M, health pgm (Meyer)
- 3995 GERMANY, W. DW; 0304 GM nx by M, W cmtry, ARC QRM (Jordan)
- *4000 CHINA Nei Menggu PBS; 1300 CH pgm; my unid in March LR-A; //3970, 7106, 7300-7; tnx to Bob Hill for info (Behr 4-10)
- 4045 CHINA FPBS-1; *1300 CH tlks; //4330, 5240, 5265 (Behr)
- 4485 ARFSFR Petropavlovsk; 0643 RS, EZL mx, RS W, M (Meyer-PERU)
- 4520 ARFSFR Palana; Kamchatka Region, W tlk, listed TBS Koryak/Eveni Lang, 0728 flute/orch mx, W ment Palana, tlk on region, collective (Poppin)
- 4525 GERMANY, E. DIZ; 2320 time signals (Slomka)
- 4680 ECUADOR R Nac. Espejo; 0800-0656 SP, local mx, nat'l mx, nx, ID/TC (8 reporters)
- 4750 CAMEROON R Bertoua; 2235-2256 FR/EG, hilife, 2255 EG nx, off 2256! Fair (Valko 4-5)
- 4752.8 CELEBES RRI-Ujung Pandang; 1333 IN, Herb Albert mx, ID (Moman)
- 4755 BRAZIL R Dif. Maranhao; 0750 PT, ID by M, ads, pops (McCoy)
- 4755 COLOMBIA Em. Nuevo Mundo; 0650 SP pops, 0700 anmts and ID (Sellers)
- 4765 BRAZIL R Espirito Santo; 0135 PT, US mx, ads, many IDs (Witte)
- 4765 BRAZIL R Em. Rural; 0930 PT, tango type mx, g (Kunz)

- 4765 ECUADOR CRE; 1050 SP M, ID/TC and nx (Klein)
 4765 LIBERIA ELWA; 2300* EG long rel. pgm, organ mx, M ID (Wallace)
 0635-0700 EG rel tlks, greetings, hymns, IDs (Cunningham 4-25) So,
 this must be my UNID 0700 5-11 w/ EG nx, NP or mistake?... TK
- 4770 LIBERIA ELWA; logged before 4-24 by (Potter, Kunz, Meyer, Kowalski)
 4770- VENEZUELA R Bolivar; R Mundial Bolivar IDs now, ID/TCS by M, LA
 pops 1055 and 0200-0730 (Klein, Earhart, Kunz)
- 4774 JAVA RRI-Jakarta; 1055 IN pgm of EZL mx (Klein)
 4777 GABON RTVG; 2230/0440+ FR, hilife, IDs, nx (8 reporters)
 4780 VENEZUELA LV del Carabobo; 0132 LA pops, ID (Kunz) 1030 (Klein)
 4783 MALI Rdt Nationale; 0615-0636 FR ID by M 0622, Afro mx, tlc (McCoy)
 4785 BRAZIL R Ribamar; 0815 PT M, ID, LA mx, g (Kunz)
 *4785 CHINA Zhejiang PBS Hangchow; 1100 CH opera, M, ment Zhejiang and
 pulled plug mid-word, g (Klein 5-4)
- 4785 BRAZIL R Ribamar; 0840 PT, LA mx, tlc by M, ID/TC (Samuel 4-14)
 *4785 PERU R Operativa Satipo; 1010 SP M ment Satipo and Peru mx, Ribamar
 f/out and China not yet in so this left in clear, but much QRN;
 tentative only (Klein 5-12) lan)
- 4785 TANZANIA RT; 0257 IS on chimes, SH ID, NA, chants, Eaf mx (McClell-
 SWAZILAND TWR; 0423 light inspirational mx, vernac (Nikolich)
 4790 PERU R Atlantida; 1012 SP, ID over local mx, vg-xint (Klein)
 4794 SURINAM R Apintie; 0915-0947 Hindi type mx, 0930 hymns, no ID hrd
 so T (Howard 4-13) 0830 DT, Hindi style mx (Klein 4-28) *0859,
 Hindi?, Hindi type mx, no IS, speech 0938 w/ poss. NA (Johnston 4-14)
- 4794.6 ECUADOR LV de los Caras; 0330-0400 s/off, OC, 0402*. Nice ID w/
 s/off amnts, no NA. City instrs, "synfonia" w/ occ. yanqui song,
 like "Don't Rock the Boat Baby" s/off ments "noche en La Voz de los
 Caras de Bahia de Caraquez y en toda la territoria caraqueiano" and
 lists freqs/powers (Walcutt 4-23) Hi Dave... TK 0606 (Klein)
- 4797 BRAZIL R Tabajara; 2322-0003 PT M&W w/ frequent brief mx interludes,
 ID by M 0001 1/2 w/ staircase of tones in bkgn'd (Potter)
- 4800 VENEZUELA R Lara; 0120-0400 SP, ads, TC/IDs, LA pops (Posporelis,
 Witte, Reitz, Kunz, Earhart, Sellers)
- 4802 ECUADOR R Pop. Independiente; 0404-0655 SP ballads, TC/IDs as
 "R Popular" and Andean mx, also RPI IDs (Klein, Walcutt, Orcutt
 Meyer-PERU)
- 4805 BRAZIL R Itatiaia; 2324 PT pgm of local mx, brass sounding instrs
 plus M and group vocals, IDs, f-p (Kunz) 0540 (Jordan)
- 4806.5A SAO TOME R Nacional; 2205-2220 PT, romantic mx incl. Mexican ranch-
 era, US pops and PT W, g (Barrette)
- 4810 GALAPAGOS IS. LV de Galapagos; 0116-0400* w/ ocean surf sounds,
 echo chamber IDs and ads, local mx and Hawaiian guitar and orch.
 mx, ID/TC, prayer, s/off, NA (Walcutt, Field, McClellan)
- 4815 COLOMBIA R Guatapuri; 0100-0502 SP, many ads, IDs, TCs (8 reporters)
 4815 UPPER VOLTA R Ouagadougou; 2258-2330 FR, C&W mx in FR, some pop mx,
 lively Afro mx, tlc by M (Valco 4-5) *0528 w/ IS, NA, f (Johnston)
- 4820 ANGOLA R Nacional; 2300 PT mx and ballads, pops, W anc, f (Kunz)
 4820 HONDURAS HRVC; 0300 EG "Hour of Decision" rel pgm, Billy Graham,
 ID by M (Reynolds, Slomka, Earhart, Moman, Kunz)
- 4832 COSTA RICA R Reloj; 0200-0702 SP, ID/TCS, nx, rock mx (Kunz, Sellers,
 Danko, Meyer-PERU)
- 4835 BRAZIL R Dif. Teresina; 0820 PT M anc w/ ID/TC, pop PT mx, several
 ads and ments of Teresina, f in QRN, Boa Vista not yet on (Klein)
- 4835 BRAZIL R Nacional de Boa Vista; 0235 PT M anc, ID, ads (Yajko)
 0240 PT lively mx, ID, f (Kunz)
- 4835 S. AFRICA SABC; 0426 EG nx, TC 0430, ID, report on wool market,
 pop mx (Moman, Wentzell)
- 4840 CHINA PFBS-2; 1055 CH M&W w/ usual tlc format // 6000, g (Klein)
 4840 VENEZUELA R Valera; 0238 SP vocals, US pops, IDs (Wallace) 0215 SP
 LA mx, ID, f (Kunz)
- 4845 MAURITANIA R Nationale; 2234 AR tlc, f (Kunz) jumping to 4850 again
 too... TK
- 4845 MOLUCCAS RRI-Ambon; 1117 IN W, tlc, f (Klein)
 4850 CAMEROON Rdt Nationale-Yaounde; 2201-2300* Crosby, Stills & Nash
 "Suite: Judy Blue Eyes" IDs in EG and FR, nx, NA (C. Smith, Kunz,
 Saunders) 0630 FR/EG rhythmic drums, poss. ID (Meyer-PERU)
- 4850 SURINAM SRS; DT/EG M 0105/0900, Friday Night Show, pops, s/off
 0430 (9 reporters)
- 4855 BRAZIL R Cl. do Para; 0250 PT US pops and LA mx, ID, f (Kunz) 0730
 ID, pops, TC (Reitz, McCoy)
- 4855 SUMATRA RRI-Palembang; 1050 IN, great SEA a.m., local mx, SCI
 1100, f (Klein)

- 4860 PERU R Chinchaycocha; 0800 w/ usual type mx, g (Field) 0635
SP Quaynos w/ usual chanting, tlk on upcoming elections (Meyer)
- 4865 COLOMBIA LV del Cinaruco; CARACOL IDs, LA mx, f (Kunz)
- 4870 BENIN LV de la Revolucion; 2230-2300*/0618 FR political talks,
Hilite and FR pop mx, IDs (10 reporters)
- 4870V ECUADOR R Rio Amazonas; *1034 NA, primitive mx (jeharp, hollow
log), Indian lang tlk (J. Jones) *1047 NA, Indian lang., 1103
SP s/on ID and song about "Maria" (Walcutt) 0230-0333* w/ folk
mx, ID like "Ree Amazonas" (Cunningham, Kunz)
- 4875 COLOMBIA LV del Norte; 0200 lively LA mx, ID (Kunz) 0700 Mexican
style mx, guitars and mandolins, ID, tlks by M on mx (Meyer-PERU)
- 4875 IRIAN JAYA RRI-Sorong; 1100 IN ID into nxcast, not net (Klein)
- 4880 S. AFRICA SABC; 0424 AK church service (Wentzell)
- 4880 VENEZUELA R Universo; 0230 SP, EZL LA mx, ID 0238, g (Kunz)
- 4885 COLOMBIA Ondas del Meta; 0420 LA mx, ID, p in QRM/N (Kunz)
- 4890 HONDURAS R Lux; 0100-0205 SP, romantic ballads, M full SP ID,
station promo (Jordan, Kunz)
- 4890 PAPUA NEW GUINEA NBC; 0756-1240 EG ads, ID/TCs, nx, EG pops,
weather reports (8 reporters)
- 4890 SENEGAL Rdf Senegal; 2353 lang, native mx, FR at 2356, p (Kunz)
*0657 lang, IS, TC w/ M ancing time, local guitar mx, poss. ads,
fair (Johnston)

73.
Terry

FOR SALE: RF-2800, price \$150. Bill Quinn, 6810 14th Avenue, Brooklyn, NY or call (212) 259-4280 1600-1900 GMT Mon. to Fri. or afternoons on weekends. No collect calls, please. (Bill's Zip Code is 11219.)

FOR SALE: Collins R-392/URR military receiver (.5-32 MHz) in excellent condition with refinished front panel and case, 2,4 and 8 kHz bandwidths, added Collins mechanical IF filter, solid state audio, squelch circuit, noise limiter, nice power supply, manual, and recently peaked. Asking \$500 or best offer and possibly a trade. Call, not collect, (503) 246-4115 0000-0600 GMT or write Craig Ethen, 7305 SW 34th Avenue, Portland, OR 97219.

WANTED: Drake SW-4A receiver. Must be clean and unmodified. Tim O'Hare, 20023 84th W., Edmonds, WA 98020. Prepaid calls only to (206) 778-3668.

WANTED: If possible, I would like to borrow copies of "The ABC or Shortwave Listening" (Buckwalter) and "SWL Antenna Construction Projects" (Noll). Also any other books on SWling and DXing. I will pay postage and rental fees, if any. Carroll L. Daubard, P.O. Box 145, Beardstown, IL 62618.

FOR SALE: Lafayette BCR-101 with Ameco PT-2 Preamp. Both in excellent condition. Asking \$225 postpaid. Don Saunders, 109 Milltown Road, East Brunswick, NJ 08816.

FOR SALE: FRG-7000. Price \$400. Write to COADX HDQ., 3181 S. York St., Englewood, CO 80110. Also a DX-160, very good condition, price \$100.

WANTED: Schematic and operation manual for a Hallicrafters S-53A. **FOR SALE:** One new WRTH, unused, for \$12 Canadian. Andy Reid, RR 7, Peterborough, Ont. Canada K9J 6X8.

FOR SALE: Panasonic RF-2800 digital receiver modified with a 2.9 kHz filter by Radio West to make it a real DX machine. In excellent condition, price \$225 ppd. Edward Fyatt, Apt. F-5, 1871 Plaza Lane, S.W., Atlanta, GA 30311. Phone (404) 758-9513. No collect calls, please.

FOR SALE: Ninety-three issues of FRENDX - March 1972 to Dec. 1979. NASWA and ASWLC rubber club stamps. All for \$40, postpaid. Andrew Pappas, 11421 S. Maplewood Avenue, Chicago, IL 60655.

log report section

4900-6199



STEVEN WISEBLOOD

- 4900 VENEZUELA R. Rumbos: 0344-0359* US Rock mx, closing anmts, ID, NA (Sellers,McClellan).
- 4905 BRAZIL R. Relogio: 2245 tlk by M&W in PT, time pips every minute (Kunz 4/21)
- 4910 GUINEA R. Nationale-Conakry: 0145-0525 political tlk, speeches about the revolution, lengthy tlks in vernaculars, lcl mx, ID in FR (Kunz 5/2, Clifford 4/23, Jordan 5/3)
- 4910 ECUADOR Em Gran Colombia: 0450-0505 LAM mx, full ID @ 0500, ads, TC's. Fair (McCoy)
- 4915 GHANA GBC-Accra: 2230-2305* M in EG w/nx, religious pgm, tlk by M in vernaculars, NA (5 reporters). 0545-0600 EG nx, discussion, lcl mx & ID (Moman-AT, Reitz 4/13)
- 4915 BRAZIL R. Nat de Macapa: 0120 deep voiced PT ancr, lcl pop & Bras. mx (Kunz 5/4)
- 4915 KENYA VoK: *0257-0330 flute IS, NA by chorus, into SH tlk & lcl mx(Nikolich,Diekman/
- 4920 AUSTRALIA ABC: 0910 EG nx, pop mx. Vy Poor (Kunz 5/3).
- 4920 ECUADOR R. Quito: 0250-0742 SP "futbal" play by play, Coke ads, F-G(Kunz, McClellan).
- 4920 HONDURAS R. Progreso: 0130-0155 SP tlks, vocal & orchestral mx, guitar mx (Thompson-NM)
- 4925 BRAZIL Rdf Taubate: 2340 tlk by M in PT, ID, strong het. Poor w/QRN (Kunz 5/2).
- 4925 CHINA Heilongjiang PBS Haerbin: 1130 brief tlk by M in CH, lcl mx. F w/QRN (Klein-FL).
- 4930 DOMINICAN REPUBLIC R. Mil: 2325-0400* MoR LAM mx, fast talking M ancr in SP, ID's, brie nx items, ads, TC's. Very Good-Excellent (12 reporters). Fine work! -Scw
- 4930 VENEZUELA La Voz de lz Pe: 2330 LAM mx, 2-M ancrs w/ID's between pop mx. G (Wallace-MA)
- 4936 PERU R. Tropical: 0402-0505 LAM mx, SP anmts by M after every song. F w/QRN (Braga 4/24 1020-1055 long ad string, mentions of Tarapoto, ID, TC, rustic folk mx (Cunningham, Klei
- 4940 VENEZUELA R. Yaracuy: 0110-0150 LAM mx, ID @ 0155, SP anmts. Good (Posporelis, Kunz).(K
- 4940 IVORY COAST Abidjan: 2230-2253 tlk by M&W in FR, sounds like a drama(Greenwood,D'Angelo
- 4945t BRAZIL Rdf Pocos de Caldas: 2340 PT tlk by M, ID thru QRN & QRM. P (Kunz 4/29). 2-ZY's
- 4945 COLOMBIA R. Colosal: 0200-0831 ID's, TC's, pop LAM mx, brief nx, SP anmts, ads(5 rpters)
- 4950 UnID A Latin has sprung up here, hard to ID u/QRN & UTE, can someone please ID? (Klein-
- 4950 SARAWAK RM Kuching: 1220-1230 2-W in EG discussing child psychology, ID @ 1230 (Hensley
- 4952**PERU Madre de Dios: 2358 LAM mx, SP anmts, too much QRN to ID. Poor (Kunz 4/29).
- 4955 BRAZIL R. Cult Campos: 0010 EZL PT mx, M ancr in PT w/TC, ID. P-F w/QRN (Klein 4/25).
- 4960 VENEZUELA R. Sucre: 0205-0359* SP nx, anmts, ID, closing anmts, NA (Yajko, Kunz, Moore)
- 4965 COLOMBIA R. Sta. Fe: 0242-0711 LAM criollo mx, ID's, TC's. F w/QRN (6 reporters).
- 4970 VENEZUELA R. Rumbos: 0320 slow LAM mx, SP anmts, ads, ID's, jingles & nx (Kunz 4/25).
- 4978 GHANA GBC-Ejura: 2300-2302* EG religious reading, closing anmts & NA (Greenwood 4/22).
- 4980 ECUADOR Ondas Azuayas: 0425-0440 Andean mx, ID by M @ 0432. Fair (Barrette 4/23).
- 4980 VENEZUELA Ecos del Torbes: 0309-0434 lcl Pop mx, US pop mx, ads, ballads, ID (4 rpters).
- 4985 BRAZIL R. Bras Central: 0000-0615 PT anmts, Brazilian vocals, ID & calls, nx (6 rpters).
- 4990 VENEZUELA R. Barquisimeto: 0010-0345 LAM ballads, ID, tlk by M in SP (Reitz, Kunz/
- 4990 SOUTH AFRICA R. RSA: 0405-0413 EG nx, //5980, topics (Wentzell,Moman).(Posporelis/
- 4990 NIGERIA PRC-Lagos: 2236-2311* political speech by M in EG, TC, ID, nx(Braga,Potter,Kunz 0628 alternating tlk between a M&W in EG on current topics (Meyer-PERU).
- 4990 CHINA Hunan PBS: 1115 tlk by M in CH, into oriental style operatic mx. F w/QRN (Klein-FL)
- 5005 EQUATORIAL GUINEA LV de Rio Muni: 0541 tlk by M in SP, anmts, Afro mx (Meyer-PERU).
- 5010 CAMEROON R. Garoua: 0135-0525 on all nite for Easter, highlife & US favorites, fast tlk by M in FR, occasional tlk in vernaculars, into Q'uranic chants at sunrise, ID by M in FR usual S/on is *0430!. Good signal on an Excellent Afro nite! (Cunningham,Cucura,Meyer-PEI
- 5010 PERU R. Eco: 0339-0522 futbal play by play w/M ancr in SP, Inca-Cola ads, Bank ads, ID's every few minutes, nx w/mentions of Castro. Promo's, anmts & full ID(Cunningham,Jo
- 5015 BRAZIL UnID: 0330+ tlk by M in PT, weak w/QRN (Field 5/4). There are 3 ZY's here! -Scw
- 5015***PERU R. Moyobamba: 0302-0500* M ancr in SP w/mentions of Moyobamba & San Martin, pgm of rustic Peruvian folk mx, ID as "OAX". Good w/lots of QRN (Field, Krueger, Klein,FL).
- 5020 SOLOMON ISLANDS SIBC: 0744-1125 oldies, island mx, C&W mx, ads, W ancr w/Aussie accent, local anmts in EG, lcl nx of the islands. F-G w/QRN (Sellers,Moman,Cucura,Klein,Kunz).
- 5020 COLOMBIA Ecos del Atrato: 0100-0315 long tlk by stn ancr, usual HJ mx, lively LAM mx, "somos TODELAR, somos profesional, somos Ecos del Atrato"(Walcut, Kunz, Klein-PL 4/27).
- 5020 NIGER ORTN: 0636 arabic style flute mx, tlk by M in FR w/possible ID (Meyer-PERU).
- 5025 BRAZIL R. Boborema: 0125-0225 Brazilian lite pop mx, ballads, jingles, ID's, ads, M ancr presenting each musical number. Fair w/fading (Barrette, McCoy 4/18, Kunz 5/4). *0730 NA. M in PT w/S/on anmts, ID's, calls, into Brazilian pop/MoR mx. Good! (Klein-FL 4/30).(Kunz
- 5030 VENEZUELA R. Reloj Continente: 0220-0420 nonstop LAM pop & vocal mx. (Posporelis,Earhart,
- 5035 BRAZIL R. Aparecida: 2305 tlk by M&W in PT, brief interval mx, possible nx (Kunz 4/21)
- 5035 COLOMBIA LV del Caqueta: 1015 typical Colombian mx pgm, ID & TC, ads F-G (Klein 5/1).
- 5040 VENEZUELA R. Maturin: 0130 tlk by M in SP, ID, jingles, fast LAM mx. Fair (Kunz 4/26).
- 5040***PERU R. Libertad de Junin: 0721 Huayno mx w/usual yips, ads, ID (Meyer-PERU 4/20)
- 5041 GUINEA BISSAU Rdf Nac: *0557-0647 drum IS, NA, pause in pgm due to xmtr trouble(Johnstor
- 5045 BRAZIL R. Cult do Para: 0130-0210 Bras. mx, ID, over-modulated anmts (Moore, Kunz 4/22)

- 047 TOGO RIVT: 2213-2245 M ancr in FR, choral mx from the Messiah, Afro high-life mx & British R&R standards! Fair (Braga, Kunz). *0525-0640 IS, brief march NA, ID "Ici Lome", extended tlk by M in FR, ID, lcl Afro mx (Orcutt 4/18, Meyer-PERU 4/5, Moman-AT).
- 050 PERU R. Loreto: 0639 LAM pop, criollo mx, ID's, SP tlk on upcoming elections (Meyer-PERU)
- 055 BRAZIL R. Maua: 2315-2340 PT anmts, folk mx, ads, TC, interviews by M. Fair (Barrette 4/6) 2306-2320 tlk by M&W in SP, ID, into nx pgn //5035, ads (Kunz 4/21, Yajko 4/13).
- 055 COSTA RICA TIFC-Faro del Caribe: 0239-0410* SP pgn to 0309, then into EG religious pgn, ID, "Time-Out" pgn, closing anmts, fqys & NA (Schukai 4/14, Kunz 4/25, Valko 4/19).
- 057 ALBANIA R. Gjirokaster: 0402-0425 alternating tlk by M&W in Albanian, wild frantic stringed instrumental mx w/Mid-East flavour, could easily be fooled for an AR stn (Nikolich, 061.3)
- 061.3 ECUADOR R. Progreso: 0144-0357* Andean dance mx & ballads, tlk by M in SP, ID, rather (Kunz/ abrupt S/off at 0357, though carrier remained on until ? (Walcutt-TX 4/27, Kunz 5/3). 1023 Ecuadorian stuff, M in SP w/anmts, ID's. Fair (Sellers 4/30).
- 075 COLOMBIA R. Sutatenza: 0015-0330 M&W w/tlk in SP, Clsel mx, ID, LAM mx, nx, TC's, report from correspondants in the field (Schukai 4/18, Kunz). 1027 ID, call letters. Exc (Sellers)
- 095 COLOMBIA R. Sutatenza: 0155-EZ listening mx, M&W ancrs in SP, ID, VG (Kunz 4/22). 1030 ID's, TC's, M in SP reading a long list of stn anmts. Fair (Sellers 4/30).
- 136 WEST GERMANY DW: 0248-0255 SP tlk, ID's. This is a feeder in USB (Buer 4/21).
- 210h CUBA R. Reloj Nacional: 0235-0320 SP "beisbol" play by play, ID for the stns in net, "R. Reloj para todo el pais", "R. Reloj de la cadena nacional". Poor, 4x1330 (Barrette 4/3).
- 440 CHINA Xinjiang PBS: 1125 //4970, nice lcl mx, M&W in lang. F (Klein). I have Kazakh listed!
- 285 BOLIVIA R. Machupo: 0040-0300* M&W w/tlk in SP, possible ID, plug pulled mid-sOng on an excellent nite for Bolivians! (Krueger FL 5/14).
- 381.4 ARGENTINA R. Rivadavia: 0153 interview pgn, long tlk by M in SP. F-G (Moman-AT 4/17).
- 385 SUMATRA RRI Pekanbaru: 1110 nice lcl mx, W ancr in IN. F w/fading. Tnx Krueger! (Klein-FL)
- 390 CZECHOSLOVAKIA R. Prague: 0329 EG nx, ID, cmntry. Fair (Moman-Alberta 4/16).
- 345 AUSTRIA ORF: 0130-0200 EG World nx, "Report from Austria", Clsel mx (Reynolds, Schukai).
- 350 CHINA Heilongjiang PBS-Haerbin: 1130 //weaker 4925, M ancr in CH w/brief tlk. G (Klein-FL).
- 354 COSTA RICA R. Casino: 0525-0601* M ancr in EG, US pop, LAM & EZL mx, ID's & TC's (Jordan)
- 355 COLOMBIA R. Casino: 0027-0032 lcl folk mx, full ID complete w/calls. Exc! (Cunningham 4/27) 4051 LAM vocals, ID @ 1101, gongs, SP anmts & ads. Fair (C. Leithner 4/10).
- 355 EAST GERMANY R. Berlin Int: 0312 ID, full schedule, fqys to NAM, P-F (Moman-AT 4/16).
- 365 BRAZIL R. Guaba: 2325-2340 ID w/QTH, PT nx pgn, cmntry, discussion, Bras. mx (Leithner). 0652 US pop mx, M ancr in PT, Brazilian MoR vocal mx, ID @ 0700 (Meyer-PERU).
- 370*** CHINA Gansu PBS: 1140 Clsel style oriental mx, M ancr in CH, //4865. Heard this one on an incredible China morning! (Klein 4/10). Strange propagation conditions, Stu! Here in CA this fcy is usually occupied by a very strong USSR HS outlet broadcasting the Mayak pgn, probably located in Khabarovsk. The only CH stn that I've ever heard on this fcy is one from the USSR-as it has the Foreign-Service chimes every 30 minutes & the usual fanfare that one might expect from USSR Foreign-Service stns. Unfortunately, I can only here it during the late fall and winter so I suspect the location is Chita. -ScW
- 370 PERU R. El Sol: 1105 lively LAM vocals, ID's "Sol en los Andes" Poor (Leithner 4/13).
- 380*** GUATEMALA TOMJA, AWR, All-Union Radio: This one continued evolving during its first month on the air (cf previous reports). By Apr. 10th, the nightly DX pgn had been dropped, and EG had been moved back to 0330, so that "Your Story Hour" occupied the 0430-- oh, rather its "The Quiet Hour" as I recheck my notes. Spot signal strength varied from night to night, usually better toward S/off. On the DX pgn they had announced that the power would be raised from 2.5 to 10kW by the end of April, and to 100kW by the end of the year or by early 1981; more land is being bought for the highpower site. However by the end of April AWR was nowhere to be found-either here or on their 3rd harmonic. What's their next move? (Hauser-TN). 0330-0507* Syndicated US religion pgms sounding a bit like R. Cultural, gospel mx, full ID w/calls & fqys, closing anmt in SP, NA (Klein-FL 4/21, Diekman 4/14, McClellan-MI, Nikolich-IL 4/11, Crawford 4/12). Klein was the last to hear stn! 4/21--ScW
- 380 SOUTH AFRICA R. RSA: *0200-0230 ID, EG nx, cmntry, "Africa Today". BBC QRM-5975 (5 rpters)
- 380 SIERRA LEONE SLBC: 2310-0002* US pop/rock/disco mx, "Voice of Prophecy", EG anmts, NA (Leithner-TN, Diekman). *0559-0702 ID, prayer, religious tlk, Clsel mx, ads, ID EG anmts, into the BBC-nx @ 0700 //5975. Heavy Libya cochannel QRM (McClellan, Kruzka, McCoy, Cucura, /
- 390 ROMANIA R. Bucharest: 0215 US pop mx, lcl mx, "Stamp Corner" (Eder 4/21). (Meyer/
- 395 MALI R. Nationale: 2220-0001* Afro tribal chanting w/drums, ID, FR anmts, Afro highlife mx, ID, IS @ 2230, closing anmts in FR, Army band NA (Vunningham 4/1, Greenwood 4/29).
- 395 AUSTRALIA RA: 1241 M ancr in EG, pop mx, World nx @ 1300, //9580. Good (Wentzell-MN 4/18)
- 400 BRAZIL R. Inconfidencia: 2355-0000 "futbal" play by play, PT tlk by M (Reitz, Leithner).
- 405 CANADA CFCX-Montreal: 2150-2200 M ancr in EG w/baseball scores, sports (Reynolds 4/16).
- 406 COSTA RICA R. Reloj: 0656-0736 LAM pop mx, ranchera mx, ID, TC's, //4832 (Meyer-PERU).
- 415 VATICAN STATE VR: 0120 IS, ID, into M ancr w/FR cmntry. Good (Moman-Alberta 4/24).
- 415n NICARAGUA LV Official: *0842 LAM mx, patriotic slogans, ID @ 0915, bad audio (Jones-MS)
- 420 MEXICO R. Nucleo Oro-XEU: *1135 M ancr in SP w/S/on anmts, mariache mx. Exc! (Klein-FL)
- 425 NIGERIA PRC-Enugu: 2247-2304* EG religious pgn w/sermon, hymns, TC's, EG nx (Cunningham).
- 429t*** ANTARCTICA LRA-36: 0000-0100 weak but definite carrier, no audio detectable (Buer 5/5)
- 435 BOLIVIA R. Panamericana: 0135 tlk by M in SP, possible ID & mention of Bolivia (Moman).
- 435 BRAZIL R. Globo: 2323-0000 PT tlk by M&W, ads, futbal game play by play, sirens, whooops, strange sound effects. ID's, Brazilian pop mx (Valko 4/25, Barrette, Reitz, Yajko 4/13).

- 6045 COLOMBIA R. Melodia: 0705-0730 Variety of Lam mx, M anc in SP w/ID's. Vy. G (Orcutt).
- 6045 BRAZIL R. Clube Paranaense: 2350-0030 Brazilian pop mx, ballads, sports (Field, Barrette).
- 6050 GREAT BRITAIN BBC: 0704 M anc w/World nx in EG, ID @ 0706, cmntry (Meyer-PERU).
- 6050 NIGERIA PRC-Ibadan: 0459 IS -two tones- drum beat, M anc w/lcl nx in EG (Kruszka-OH)
- 6055 RWANDA RR: 0705 M&W alternately reading nx in FR, sound of a horse-laugh (Meyer-PERU).
- 6055 CZECHOSLOVAKIA R. Prague: *0600 Excellent signal at S/on into nx in lang. (Meyer-PERU).
- 6060 CUBA RHC: 2310-2345 May Day speakers in EG w/SP translation, //all outlets (Krueger 5/1)
- 6065 COLOMBIA R. Super de Bogota: 0615 SP tlk, Lam mx, ID's, many ads (Reitz 4/13).
- 6070 CANADA CPMX-Toronto: 2143-2201 interviews, PSA's, ads, lcl wx, "CFRB" ID's (Cunningham).
- 6075n COSTA RICA R. Rumbo: 0749-1031 Lam mx, ballads, TC's, ID's, "Fiesta Mexicana" mx pgm, M anc in SP, canned ID's on the top of the hour, gave fqs as 625, 6075 & FM as well. Strong but poor modulation (Klein, Cunningham, Greenwood). Nice work, guys! -ScW
- 6090 LUXEMBOURG RL: 0045-0135 M anc in EG, European rock, "Countdown", US rock/soil/disco mx. EG nx @ 0100, wx-temp. 68°. Poor-Fair (Diekman, Moman-AT). 0717. humorous conversation between two M in GM, ID @ 0726 (Meyer-PERU).
- 6095 BRAZIL R dif Sao Paulo: 0740-0840 fast tlk by M anc in PT, Brazilian pop/MoR mx, guitar mx, into a comedy pgm. Fair (McCoy 4/16, Meyer-PERU 4/20).
- 6105 NEW ZEALAND RNZ: 0745-1029*EG tlk on old Hollywood films, EZ1 mx, ID (Leithner, Meyer-P)
- 6110 GREAT BRITAIN BBC: 0245-0250 M anc in SP, pop music request pgm. Good (Halsema 5/4)
- 6110 PHILIPPINES VQA: 1105 M anc in EG, pgm on US/USSR mutual cooperation in Science (Klein).
- 6110 USA pirate: 2347-0002* M anc in EG w/tlk about WBLD, bluegrass mx (McClellan-MI 4/27).
- 6115 COLOMBIA LV del Llano: 2358-0750 Criollo mx, M anc w/ID, QTH, call letters, folk mx, ranchera mx, ballads, Coke ads, Lam pop mx (Witte-CA, Reitz, Leithner, Meyer-PERU).
- 6115 MEXICO R. Univ de Sonora: 0130 Clsc1 mx, pop mx, ID ; M&W anc in SP. Vy. G (Witte-CA).
- 6120 VENEZUELA R. Angostura: *0926 NA, provincial anthem, M anc in SP w/S/on anmts (Klein-FL)
- 6120.3 NICARAGUA R. Zinica: 2130-2200 daily w/ID's, tlk on Sandinista, horse race results in SI blocked by BBC after 2158. I wish I could comprehend the weird propagation that is experienced here so often! (Krueger-FL). 0100-0130 US pop mx, M in EG w/Caribbean accen: definite ID @ 0124, Seperable from BBC-Sackville w/ECSS-notch (Buer 4/25). 1112-1127 ID, M anc in SP w/tlk about the "revolution", Ranchera mx, ID in EG (Leithner, Jones-MS)
- 6130 CANADA CHNX-Halifax: 2015-2309 EG tlk, pop/rock mx, ads, "R.96" ID's (Leithner, Slomka).
- 6130 ECUADOR HCJB: 0800 EG religious pgms, an excellent signal here, of course! (Meyer-PERU)
- 6135 BRAZIL R. Gaucha: 2338-2358 M anc w/futbal play by play, ID & QTH (Yajko 4/13, Leithner)
- 6135** BOLIVIA R. Santa Cruz: 0740 lcl mx w/lots of brass instruments, ID, faded by 0750 (Witte)
- 6135 SWITZERLAND SRI: 0150-0210 EG "Dateline" pgm for Nam. Good (Davenport 4/10).
- 6140n** PERU R. Huallay: 1801 new station here w/Lam pop & criollo mx, M anc w/ID (Meyer-PERU).
- 6150 COLOMBIA LV del Huila: 0322-0850 Lam pop mx, criollo mx, SP anmts, ads, TC's (Leithner, Re)
- 6150 CHILE R. Nacional de Chile: 2350 M anc in SP w.tlk about sports, ID @ 0003 (Field 5/8).
- 6155 CYPRUS (cf March LR-B): The UnID rpt @ 2215 in undoubtedly Cyprus in GK, not Guinea as the editor incorrectly assumed. Cyprus has been here since 1978 & is //9585 (Behr). Tnx,
- 6158 GUATEMALA R. Miramundo: 1015-1030 Instrumental mx w/guitars, marimbas, M anc in SP, ID. TC's, possible nx w/mention of Guatemala & Panama. Poor w/choppy signals (Jordan 4/24).
- 6160 CANADA CKZU-Vancouver: 2300 CBC nx in EG, Poor-Faor (Moman-Alberta).
- 6160 COLOMBIA Em Nueva Granada: 0640-0810 Lam pop/criollo mx, ads, ID's (McCoy, Meyer-PERU).
- 6165 SOUTH KOREA RK: *1026 W anc in CH w/ID & IS to 1030, then nx by M&W in CH. Listed as 100kW via Kimje, noted //7275 w/lots of QRM (Klein-FL 4/10).
- 6165 BRAZIL R. Cult Sao Paulo: 2345-0010 ID, Brazilian mx, long tlk by M&W in PT (McCoy, Field)
- 6175 BRAZIL R. Guarani: 0755-0815 ID by M, PT tlk, ads, lcl pop mx. F (McCoy 4/28). 0815 quite possibly the one here w/PT pop mx, M anc in PT, ads (Meyer-PERU).
- 6185 BRAZIL R. Bandeirantes: 2330 possibly the one here w/nx in PT. Fairly Good (Field). 0410 Beautiful Brazilian mx pgm, M anc in PT w/ID's (Witte-CA 4/26). 0820 tlk by M in P. OD's, into Criollo/Mexican pop mx, Brazilian mx (Meyer-PERU).
- 6185 LIEYA SPLA, JEC: 2350 likely the one here w/Quaranic readings, no ID heard. G (Leithner).
- 6190 VATICAN STATE VR: 0445-0500 Europe pgm #1 w/EG tlk on religious beliefs of peoples in Africa, the same pgm that was broadcast earlier in the evening on the Nam svce! (Clifford And that's another month for LR-B, I'd like to say that its been great fun doing this coll and I am looking forward to doing it for many moons to come!

PROPAGATION CONDITIONS: QRN dominated the scene during late April and May, making Lam & Asian reception quite difficult. However, with the solar flux still in the 130-180 range highband conditions will continue to be Excellent. This will especially be true on 13meters for a while after sunrise until mid-morning. I've been hearing good DX on 13m well into our late evening hour past local midnight! 73's & CUN30 I am KA6LED Steve

log report *section* **C**

6200-11699

PETER SCHIPELLTI

31 BEAVERBROOK ROAD BURLINGTON, MASS. 01803 or phone after 2200 GMT up until 0400 GMT. 617 272-3112. In late April, I had a great time at the Dayton Ohio Havnention. There were over 19,000 people in attendance. I managed to purchase an Info-Tech Model 200 Tri-Mode Converter for reception of Morse/RTTY/ & ASCII. It works just great. It is especially interesting to listen to the various new services that transmit RTTY. If anybody has had any experience or can offer any tips on RTTY, it would be much appreciated. Not many loggings this month; also time restrictions on my end, so this LR-C might be shy of my 4 pages.

- 6207T INDONESIA RRI; 1112 IN, 1cl Mx & OM anncr, interspersed w/ tlk. site? (Klein 5/4)
- 6248 USA-PIRATE Radio Syncom Int'l; 0530 EG, A half hour earlier @ 0500, they tipped me off to hear R. Indiana on 6990 Khz. Usual tapes & R&R Mx, Old comedy too, sounds like Amos & Andy. Calls to 215-395-5609 and said that first caller would receive a free album from Syncom. Per my suggestion, they solved the spelling problem of 'Syncom' by spelling it out phonetically. Also said that Al Mulick does not forward reports on WARG. (Wallace 4/27); 0330 EG (McClellan 4/20); 0705 EG (Jordan 5/4); 0455 (Jensen)
- 6249 USA-PIRATE R. Syncom Int'l; 0400 EG, relay of R. Telstar. (Valko 4/19)
- 6250 USA-PIRATE R. Syncom Int'l; 0636-0643* EG, couple of mentions about WARG, TC's in GMT, rock Mx, jingles. Tnx to Rich Eckman & Arthur Getzel for the tip! (Nikolich 4/27) (Kruszka 4/19)
- 6279A USA-PIRATE R. Syncom Int'l; *0500-0605* EG, QSL instructions, FRC phone #, theme song at end of xmsn "We Love the Pirate Station." (Kruszka 4/19)
- 6340 TURKEY Turkish Police Radio; 0450-0520 TK, YI anncr w/ tlks. Barely Audible; sudden signal burst @ 0517 w/ OM anncr ment. of "Turkie Polis Radyosu", followed by possible Mx. local Mx & choppy fades. (Jordan 4/14)
- 6420 USA-PIRATE KVHF; 0708-0716 EG, "Jackie Blew", Mx, Fair w/ ute QRM (Valko 4/20)
- 6955A USA-PIRATE WONS; *0130-0212* EG, Joe Snow & Ray Meeder w/ Rock Mx. Phone 212-220-9979. Rcvd QSL already. (McClellan 4/21)
- 6959 USA-PIRATE WARG; 0625 EG, tuned in to hear 'Another Brick in the Wall' by Pink Floyd. Per phone call, they've been on more than a year now. (Crawford 4/20)
- 6960 Unid; 0830 EG, Tlk by 2 OM about Massachusetts, several harmonics in this time, abrupt off 0834 w/ rock Mx, weak sig, poor modulation (Meyer-PERU 4/20) probable WARG.
- 6960 USA-WARG; 0724-0833* EG, Rock Mx, Haber brothers, poor modulation (Kruszka 4/20) (Valko 4/20) (McClellan 4/20) (Schukai 4/20) (Samuel 4/20)
- 6961 USA-WARG; 0510-0720 EG, Rock segments...Blondie/Arrowsmith/etc... Harvey Haber asking for phone calls to 212 220-9979, and for Mx requests. DJ's accent suggests NYC. Promised QSL, but said that QSL's backlogged into December. (Jensen 4/20)
- 6990T USA-PIRATE R. Indiana; 0458 EG, as per tip from Syncom, sounded like a test xmsn. *1-2-3-4-5...5-4-3-2-1* No ID heard. (Wallace 4/27) (Diekmann 4/27)
- 7030 CLANDESTINE Unid-7R. Giron?; 0035-0043* SP, OM w/ particularly violent tirade against Fidel, s/off w/ usual march tune. (Crawford 4/15)
- 7110 ETHIOPIA VoRE; *0329 Amharic, flute IS, ID by OM, time pips, short march, Mx. Fair under CW QRM. (McCoy 4/11)
- 7110 Mali R. dif. du Mali; 0725 FR, March Mx, ID @ 0725 by OM, tlks&Mx (Meyer-PERU 3/16)
- 7125 GUINEA Radiodiffusion Nationale; 0525-0620 FR, Continuous chants to 0554, afro Mx, Tlk by OM in FR, //4910 very good. (McCoy 4/15)
- 7145 NIGERIA FRCOllorin; 2245-2306* daily w/ Mx, EG, YI w/ Nx & IDs as R. Kwara into NA. Good (Krueger) (Crawford 5/1)
- 7160 MALAYSIA RM-Kuching; 1424 EG, Pop Mx (Grenier 4/13)
- 7215 Unid : 0611 FR, Mx, Pop & chants (Not like AR). It sounds African. No IDs Heard. HeIpI (Wallace 5/4) Andrew, chances are this is Radiodiffusion Ivoretienne. ps.
- 7260 NEW HEBRIDES R. Vila; 0900-1015 FR, in the clear. OM DJ, occasional Pidgin & EG too. At times included phone conversations from listeners. Ids & Jingles by YI in FR. // 3945 Khz, quite weak. HIC #181 for mei (Nikolich 4/21) (Braga 4/21) (Meyer-PERU 4/20) (Kowalski 4/22)
- 7260 RSFSR, Far East Yuzhno-Sakhalinsk; 2330-0000 RS, Tlks & mentions of Moscow, piano + orch Mx mixed, Folk Mx, ID by YI, ARO QRM (Jordan 4/12)
- 7300.7 CHINA Nei Menggu PBS; 1300 CH, pgm till 1520*v; //7106; Tnx Bob Hill (Behr 4/10)
- 7340 USA-PIRATE St. Louis Free Radio Network; *0800-0822* EG, SSB, on w/ OM vocal tune, national Mx & sports. Anncr Steve Johnson. Dan Fogelberg Mx. Report sent to anncd P.O. Box 1560, St. Louis, returned unclaimed. Gud signals. No QRM (Crawford 4/19)
- 7355 USA-PIRATE Moonshine Radio; 0613-0619* IDs, "Good DX'ing". "We are the Champions" s/off tune. (VOV memories) This is Moonshine Radio...73's & Good DX" (Valko 4/20)

- 7356.5 USA-PIRATE Moonshine R.; 0610 EG, w/ apparent xmt problems (Jensen 4/20)
- 7358 USA-PIRATE Moonshine R.; 0520 EG, ID's, "This is Moonshine Radio" rock Mx by the Cara. Gave FRG address for QSL's (McCoy 4/20)(Williams 4/19)
- 7370 USA-PIRATE Moonshine R.; 0502 EG, Rock Mx Pgm, anncr Johnny Blackbeard, DX Pgm. (McClellan 4/27)(Diekman 4/27)
- 9460 CHINA R. Peking; 1015-1026 EG, Music from China; Broadcast to Australia (D'Angelo 4/19)
- 9475 EGYPT R. Cairo; No sign of R. C. here at 0220 check on 4/30, tho 12050 was on. scanned 19 mb thinking they might have moved, but 9475 was back on the next night (Hauser)
- 9485 Unid Peru ?; 1430 SP, ments of Tacna, long strings of ads, LA Pop Mx (Meyer-PERU 4/5)
- 9495 HONOLULU TWR Monte-Carlo; 0750 EG, freq. anncat, Bible teaching. (Sellers)(Moman 5/4)
- 9505 JAPAN NHK; 1420-1435 EG, Y1 w/ DX Tips, light Mx, CM w/ ID & sked. (Jordan 4/13)
- 9515 GREECE Voice of Greece; 0130 EG, GK Mx, Nx items about Iraq. Tlk on US Delegation's visit to Athens. (Jordan 4/10)(Valko 4/8)
- 9545 MONTERRAT DW; EG @ 0120 to NA, xmt troubles, audio in & out. (Lobdell 5/7)
- 9545T SOLOMON ISLANDS SIBS; 0655 EG, Very weak signals. Mx from SIBS could be heard under DW s/on at 0700. (Kowalski 4/9)
- 9550 NORWAY Radio Norway; 0200-0230 EG, ID, Nx by OM & Y1, "Nx & Views" Mx, (Williams 4/20)
- 9570 SOUTH KOREA Radio Korea; 1010-1020 EG, Mx, editorial, "Melodies from Korea" UN radio QRM to 1015; better signal than //9525 KHz. (D'Angelo 4/19)(Nikolich 4/21)
- 9570 ROMANIA R. Bucharest; 0130-0200 EG, ID, Nx, "Radio Newsreel" //5990 (Williams 4/25)
- 9575 PORTUGAL R. Portugal; 0500 EG, RP has dropped 49mb for summer to NAM, 0500 xmsn - 0530 noted 5/5 on this new freq., clear but weaker than //11925 KHz. (Hauser)
- 9580 CANADA RCI; 1300 EG, RCI now carrying relay of CBC 'Sunday Morning' on this 50 Kw. channel, beamed 268°, 1300-1600 Sunday only. It's unusable here, about the same as //pgm on CBC NS 9625 KHz. Too weak & too much noise. Fortunately there's a 16mb channel too. (Hauser)
- 9580 PHILIPPINES R. Philippines; 0955 EG, ID, s/off anncat, NA, 0958*. then at 0959 s/on anncat (Moman-Alberta 3/30)
- 9585 BRAZIL R. Excelsior; 0800-0825 PT, LA Mx songs, 2 OM w/ tlks. (Samuel 4/11)(Klein 4/10)(McCoy 4/9)
- 9595 JAPAN NSB; 1350 EG/JP, just caught end of phone call to CA. "Downtown" by Petula Clark. (Moman-Alberta 4/23); 1158 JP (Klein 4/7)
- 9602v N. VIETNAM Vov; *1527 march Mx & VT?, 1600 CH pgm; fair; up from 9600; //10010 KHz. (Behr 4/23)
- 9605 GERMANY (WEST) DW; 0125 EG, DW mixing w/ Vatican in French. Per Vat sked, they're now supposed to be on 9645 KHz. (Hauser)
- 9605 PHILIPPINES R. Veritas Asia; 1430 EG, DX Pgm, 1500 VT to 1530*; Fair. //11955 & 15215 weaker. (Behr 4/14)
- 9620 YUGOSLAVIA R. Yugoslavia; 2215 EG, IS, ID, freq. info, Nx by OM & Y1. Much QRM. (Kruszka)(Greenwood 4/16)
- 9630 SPAIN SFR; 0030-0100 EG, ID's, freqs, Nx, vocals, guitar Mx. (Thompson 5/4)(Hensley 4/29)(Egbert 5/13)(Slomka); 0536 EG (Cucura 4/26)(Moman-Alberta 4/2)
- 9645 NORWAY Radio Norway; 0409 EG, Tik on North Sea Oil & the recent accident. (Moman-Alberta 3/31); 0210 EG (Slomka)
- 9663v N. KOREA KCBS; 1000 KO Tlks & Mx to 1758* w/ NA, new HS freq. varies from 9661 to 9664.5; hi-power xmt (Behr 4/4)
- 9680 AUSTRALIA ABC Melbourne; 1140-1200 EG, Pgm of Indian Mx. Faint (Fraser 4/24)
- 9694.7 KAMPUCHEA VokP; 1400 VT Pgm & Mx to 1428* on 4/17 only. clear signal. Other days to 1315* under RM QRM; for some strange reason they have 30 min pgms once a month. (Behr)
- 9715 SOUTH AFRICA RSA; 0200-0230 EG, ID, Nx, "Panorama" //15155 & 11900 (Williams 4/7)
- 9720 SOUTH KOREA Radio Korea; 1600-1631* EG, slightly stronger than //11830 KHz. North American Service. (Potter 4/26)
- 9725 SWITZERLAND SRI; 0145-0215 EG, ID, Nx & "Dateline" //15305 & 11715 KHz. (Williams 4/7)
- 9730 CLANDESTINE V.o.T. Egyptian People; 1935-2030* AR, Much March Mx, cheering (Valko 4/7)
- 9800 USSR R. Kiev; 0030 EG, As was the case last summer RK is using this fcy both @ 0030 & 0300 but not anncng it. indeed @ 0300 it was the only fcy that I could hear them on. (Hauser)
- 9840 KUWAIT Radio Kuwait; 2050-2107* AR, AR Mx, ID & Nx @ 2100. Good (McCoy 4/9)
- 9895 NETHERLANDS ANTILLES RN; 1130 DT, special 1 day usage for abdication (Hauser)
- 10107.5 UNID; 0200-0220 AR, Nx?, ID? chants, (Barrette 4/14); 1640-0320 AR, who was this? Heard 11/12/13 April but not since. Good signal w/ Mx & Tlks. Time pips 1 second late from UTC. (Potter)
- 11463 IRELAND (Pirate) R. Condor Int'l; 0740-0758 EG, had resonant voiced OM w/ tlks, partial ID, vocal & orch Mx, very weak signal (Jordan 5/4); 0717 EG (Wallace 4/6)
- 11610 ISRAEL Kol Israel; 2000 EG, ID, Nx & Cmtry. // 17645 & 9815 KHz. (Williams 4/26) (Samuel 4/10)
- 11620 INDIA AIR; 2100 EG, Nx & Cmtry (Posporelis 4/15)(D'Angelo 4/13)

A short Log report this month. I guess many of you (including myself) have been busy with Final Exams. I just started work for the summer, a welcome change of pace. If I don't work too much overtime, perhaps I'll be able to do some summer DX'ing. Best of 73's Peter

log report section

11700 TO 17699



TERRY COLGAN

- 11700nf MONACO TWR: 0428-0435 AM, mx box IS, EG ID, rel pgm, to ME (Buer)
11705 AUSTRALIA RA: 1400 EG, wrld & Aust nx (Moman)
11705 JAPAN RJ: 1600* SH, afro-style anmts (Cooper) (Reitz + others)
11705 SWEDEN RS: 0230-0300, 2300-2315+ EG, nx, "Panorama", "SCDX", lbx
11705 BRAZIL R. Itatiaia: (cf. Mar & Apr LR-D) listing of R. Itatiaia in
1980 WRTH does not prove reception; the stn has been listed here for
yrs in other pubs, but no other DXer in the world has ever reported
it; Rufus Jordan claimed reception at 0010 & 0050; I suggest it was
R. Sweden in SP & PT, with a poss mention of R. Itatiaia on their DX
pgm; beware of list loggings! (Behr) Of course having this stn listed
in WRTH does not prove reception. That was neither what was said nor
meant in Apr LR-D. I merely corrected my listing of Jordan's logging
as unidentified based on info in WRTH. Whether this stn was hrd or
not is another matter entirely--tc
11710 NEW CALEDONIA R. Noumea: 0740-0755 FR, ID by M, pop mx, g (McCoy)
11710 ARGENTINA RAE: 2233 EG, ID, piano mx, nx (Kruszka)
11735 USSR RM: 0138-0155 EG, cmntrys (Hoffmann) 0650 EG, live 5/1 w/ May
Day parade coverage; only // worth mentioning was 9665, but same thing
in RS was on 15150 (Hauser)
11745 TAIWAN VOFC: 1000-1100 CH?, ID by W, M w/ nx, oriental mx, into JP
@ 1101 (Johnston)
11750 JAPAN PEN: 0815-0915 EG, rock, disco & pop mx, PSAs, jingle IDs, nx
@ 0900, nf?, 4/24 (Orcutt) (Egbert)
11750 BULGARIA R. Sofia: 2130-2200 EG, nx, pgm on life in Bulgaria, IDs
11755 FINLAND RF: 0340 EG, tlk, "Compass North" (Eder)
11760 GREECE VOA: 2000-2100 EG, nx, "Words and their Stories", "Concert
Hall" (Fraser)
11765 BRAZIL R. Tupi: 2350-0010 PT, songs & pop mx fr Brazil (Barrette)
ID hrd???--tc Reynolds)
11770 USSR R. Kiev: 0030-0100 EG, nx, cmntry, "Ukranian Panorama" (Samuel,
11790 USSR R. Kiev: 0030 EG, W w/ nx, //11770, 17870 (McClennan)
11790 USSR R. Vilnius: 2300 EG, IS, anmts, nx, cmntry (Moman)
11795 COLOMBIA R. Nac.: 0130-0145, 0952, 1553-1610 SP, LA & E2L mx, many
IDs & TCs (Klein + others)
11795 ANTIGUA DW: 0040-0058 GM, tlk by M, folk mx (Davenport)
11795 EGYPT RC: (cf. Mar LR-D) unid @ 0527 in AR is R. Cairo, //9770
(Behr) thanks--tc
11800 ITALY RAI: 2320 IT, nx to 2346, lbx w/ anmts (Lampo)
11810 SOUTH KOREA RK: 0748-0756 EG, W w/ cmntry, ID (Hensley)
11810 INDIA AIR: 1330-1400 EG, ID, nx, cmntry (J. Williams)
11815 POLAND PR: 0200-0241 EG, noted 4/30 w/ EG bcst still going until PL
@ 0241; apparently EG segments are of variable length; noted previous-
ly @ only 25 mins (Hauser) 0220 EG, "Maritime Magazine", tlks, mx
(Hesch + others)
11815 JAPAN RJ: 1500 EG, nx, spts, cmntry (Burns)
11820 LEBANON RL: 0233 EG, ex-11785, audible opening EG @ 0233 4/30,
mostly under BBC SP which at this time was running EG lang pgm "R.
Rainbow" (Hauser)
11830 CLANDESTINE V. of the Malayan Revolution: 1450-1510 EG, ID & tlk
by W (Orcutt)
11830 SOUTH KOREA RK: 1602-1620 EG, nx by M, cmntry, Korean mx (Hensley)
11835t URUGUAY R. El Espectador: 1030-1045 SP, M w/ tlks, psbl nx, brief
mx, more tlks, psbl ID @ 1045, p, 4/24 (Jordan)
11840 GUAM TWR: 0845-0930 EG, "Radio Bible Class", "Children's Bible Hour"
IDs, into JP @ 0930 (Briscoe + others)
11850 INDIA AIR: 1220+ EG, ID, pgm preview, wx, TC, brief nx, into lang @
1235 (Walcutt)
11855 PHILIPPINES FEBC: *0958 IN, IS, ID, into rel pgm (Klein)
11855 SEYCHELLES FEBA: 1214, IS, EG ID, into Sinhala pgm @ 1215 (per WRTH)
vy wk (Sellers) Harold, Apr LN shows this to be 11865--tc
11860 BULGARIA R. Sofia: 0445-0459, 2130-2145 EG, tlks, nx, freqs, cmntrys

- DX pgm (Earhart, Hoffmann) 0614-0630 presumed BG, M & W w/ brief tlks ID, W w/ nx, vocal & inst mx, IS @ 0630 (Jordan)
- 11866v BRAZIL R. Clube Pernambuco: 0735-0805 PT, donkey hee-haw @ 0757, ID, ads, Brazilian pop mx (McCoy)
- 11875 JAPAN RJ: 1229 RS, IS, EG/JP IDs, into RS @ 1230 (Sellers) Ethen)
- 11885 NORTH KOREA R. Pyongyang: 1510+ EG, wrld nx, cmntry, spts (Cooper), URUGUAY SODRE: 2330-0025, SP until 2349, then into EG, W w/ nx @ 2355, vocal mx, IDs, J80 (Eastman, Field)
- 11890 EAST GERMANY RBI: 0230-0248 EG, wrld nx, cmntry (Reynolds); (Buer)
- 11890 PHILIPPINES FEBC: 0934-0940 EG, wrld nx, ID, "Encounter the Truth"
- 11900 SOUTH AFRICA R. RSA: 0200 EG, nx, "South African Panorama" (McKinney)
- 11905 USSR RM: WS 1445-1530 EG, mx, IDs, nx, cmntry, "Panorama" (Hensley J. Williams)
- 11910 HUNGARY R. Budapest: 0202 EG, nx, cmntry (Sellers)
- 11920 CUBA RHC: 1900 FR, tlk w/ M & W, IDs, xmtr probs-off the air briefl: times, 4/5 (Valko) sure about this freq, Dave?--tc
- 11930 LIBERIA ELWA: 0650-0700 AR, M w/ tlk, EG ID @ 0658, mx (Jordan)
- 11935 PHILIPPINES RVA: *1227, mx, EG ID, JP pgm to 1255* (Behr)
- 11937.9 KAMPUCHEA VOKP: 1400 VT, pgms & mx to 1428*, on 4/17 only; other days in VT to 1315*, //9694.7 in QRM (Behr)
- 11940 ROMANIA R. Bucharest: 0142-0210, 2016-2026 EG, cmntry, mx, IDs, DX pgm, "Youth Club" (Chavdarian, Cucura, Sellers)
- 11940 SINGAPORE SBC: 1530 EG, W w/ nx, lcl TC, pop mx (Cooper)
- 11945 NEW ZEALAND RNZ: *0819 EG, bell bird IS, nx, wx, mx, "NZ Calling" @ 0845, J80 (Greenwood)
- 11945 CHINA RP: *1200-1255* EG, nx, cmntry, mx, "Culture in China", f w/ QRM to 1230 (Fraser) Reitz)
- 11955 ANGOLA RNA: 0500-0529+ PT, IS, ID, TC, tlks, Af pop mx (Kruszka)
- 11955 TURKEY VOT: 2115, 2200-2300 EG, nx, mx, "Musical Stars", DX pgm, IDs (Hunt + others)
- 11975 EAST GERMANY RBI: 0212 EG, freqs & closing anmts, NA, IS @ 0214 (Sellers) 0230 EG, ID, nx, cmntry (Moore, Samuel) Hoffmann)
- 11990 CZECHOSLOVAKIA RP: 0110-0155 EG, nx, Czech mx, lbx, tlks (Earhart, 12000 AUSTRALIA VNG: 0854, time pips (Wentzell)
- 12010 USSR RM: WS 1900-2000 EG, nx, cmntry, tlks (Davenport, McKinney)
- 12015 AUSTRIA ORF: 0350 GM, mx (Hesch) 0430-0455 EG, IS, ID, "Report from Austria", "Letter from Austria", "Profile of Austria", lbx, J80 (Jordan)
- 12030 USSR RM: 0032, 0330-0400 EG, "Kaleidoscope", travel pgm (Lampo, Sellers) as last summer, this is best freq here from RM NAM svc; sounds like same xmtr used rest of yr on 9490 (Hauser)
- 12050 EGYPT RC: 0200+ EG, "Mail Call", mx, nx, tlk (Burns, Reynolds) can't resist mentioning the weird way R. Cario's seemingly elderly lady announcer gives this freq: "one twenty fifty"; glad she doesn't have a DX pgm (Hauser)
- 12060 USSR RM: WS 0422-0430 EG, lbx, rock mx (Hunt)
- 12070 MONGOLIA RUB: *1220-1250* EG, IS, ID, M w/ nx, cmntry w/ W anc, lcl mx (Braga, Cunningham, D'Angelo, Greenwood, Hensley, Jordan, Moman, Nikolich, Sellers, Valko) was on exactly this freq to 2 decimal places compared to BBC-15070 (Hauser) (Davenport, Halsema, Mayer)
- 12095 UNITED KINGDOM BBC: WS 0400-0415, 2104-2200 EG, nx, mx request pgm
- 12175 ICELAND ISBS: 1215+ Icelandic, tlks & mx (Braga, Mayer) was an ID hrd??? If not this should be a tentative logging!!!--tc
- 15000 USSR RMW: 0539, hrd CW ID under WWV; is listed 14996, but I zero beat it against WWV (Wallace)
- 15012v VIETNAM VOV: 1800-1818 EG, nx, cmntry (Moman, Reynolds)
- 15025 USSR RM: 2300 EG, NAM svc on 5/2 mixing w/ some fainter audio; believe this happened last summer too, but I haven't figured out what combination of freqs would produce this transmitted mixing product (Hauser)
- 15047 ECUADOR HCJB: 1208 EG, noted 4/30 //15115; first thought Grenada had resumed morning sked. Couldn't find a matching spur 68 kHz above 15115. Probably has something to do w/ FM subcarrier on their STL (Hauser) also noted 4/13 @ 1417 by (Meyer) and 1305-1330 on 4/26 by (Walcutt) + others)
- 15060 SAUDI ARABIA BSKSA: 1545-2300* AR, AR mx & tlks, IDs, nx (Thompson)
- 15075 AFGHANISTAN RA: 1858-1928 EG, IS, M w/ ID X 4, TC, anmts, nx, cmntry lcl mx (McClellan + others)
- 15100 USSR R. Kiev: 0300 EG, pgm on W in U.S. Army (Eder)
- 15100 UNIDENTIFIED: 1430 RS, psbl "Vilnius" ID, mx, M w/ nx, 4/13 (Meyer)

- 15110 USSR RM: 1435 EG, tlk on Soviet H-bomb (Meyer)
 15110 INDIA AIR: *2042 EG, this seems to be the best chance to hear AIR GOS; comes on w/ tone, then AIR IS, and joining pgm @ 2045; //11620 too low--QRN & absorption (Hauser) also logged by (McClellan, Valko)
- 15115 ECUADOR HCJB: 1430-1500 EG, usual rel fare (Hoffmann, Meyer)
 15120 NIGERIA VON: 0613-0650 EG, lcl mx, IDs, tlks on Kano State, TC, nx (Jordan) poor mod & slight het 4/28 indicating it may have been around 15119; too sleepy to check (Hauser) 0800 AR, into EG @ 0830, nx & cmntrs, p (Greenwood)
- 15120 VATICAN VR: 2300-2340 SP, nx, ID, rel pgm (Posporelis)
 15120 POLAND PR: 0200-0220, 0300-0335 EG, nx, cmntry, ID, mx, PL lang lesson, into PL @ 0330, J80 (Chavdarian + others)
- 15125 UNIDENTIFIED: 1438 EG, on LSB, tlk by M on lcl events, no names or ID, 4/13 (Meyer)
 15125 PORTUGAL RP: 0300 EG, to NAM, nice freq ex-6025 for J80, //11925; long needed chg to higher freq (Hauser)
- 15125 TURKEY TRT: *0420 TK, IS to 0425, NA & ID/anmts, TK pgms (Klein)
 15140t KUWAIT RK: 1441 AR, tlk by M, ment of Kuwait @ 1440, nx, 4/13 (Meyer) nf??--tc
- 15145 AUSTRALIA RA: 0700 EG, nx, "Focus on Australia" (McKinney)
 15150 USSR RM: 1443 EG, tlk by M on Soviet musicians (Meyer)
 15150 CANADA RCI: 2138 EG, tlk on W criminals (Wentzell)
 15155 ECUADOR HCJB: 0030 EG, it's not clear why HCJB left 15260 which appears to be empty most of the evening, but they did for alt pgms @ 0030-0200, FR 0200-0230, and // 25 & 31 mbs 0230-0500 as of 5/4 (Hauser)
- 15165 DENMARK RD: 1828-1857, 2155 DN, mx, tlks, nx in DN, EG/DN IDs & IS prior to ea trans (Hunt + others)
 15175 NORWAY RN: 2200 NO, cmntry, song (Hunt)
- 15200 USSR RM: 0100 SP, ID as "La Voz de la Resistencia, estacion de Salvadore Allende en solidaridad de USSR" (Cooper)
- 15205 UNITED KINGDOM VOA: 1500 EG, M w/ nx, usual pgms (Meyer)
 15210 NETHERLAND ANTILLES RN: 1430 EG, another of PN's special freqs 4/30 for Juliana abdication & Beatrix inauguration; unfortunately my home recorder was set to tape 11740, where they failed to show despite sked (Hauser)
- 15220 SOUTH AFRICA R. RSA: 1605-1615 EG, soccer match (Halsema)
 15220 MADAGASCAR RN: 2045 EG, "Newline", "DXJB" (Wentzell) Posporelis
 15225 TUNISIA RTVT: 2320-0025v* AR, chants, tlks, ID (D'Angelo, Jordan,
 15235 WEST GERMANY DW: 0120 EG, NAM can hear an hour of DW clearly while the NAM pgm is going out for half an hour; the As pgm is on to 0220, believe BRD site; 0203 "Lernt Deutsch", vg sig off the back (Hauser)
- 15250 UGANDA RU: 1847-1857 EG, nx to 1850, Af mx to 1856, NA, under VOA-Bethany carrier (Buer)
- 15255 USSR R. Afghanistan: 1400 Pushto, lcl mx, TC & nx @ 1430, //17720 also USSR (Behr)
- 15260 GREECE VOA: 1513 EG, tlk on visiting Chinese playwright, "New Horizons" (Meyer) (McCoy)
- 15265 BRAZIL R. Excelsior: 0825 PT, lite Brazilian mx, ID, TC, //9585
 15270 JAPAN RJ: 0600 EG, nx, cmntry (Grenier)
- 15275 USSR R. Vilnius: 2300 EG, here w/ powerful sig, and R. Kiev 0030, wiping out R. Sweden most days; Sweden moving to 15380 but 12 days overlap due to Russia jumping the gun on J80 (Hauser)
- 15285 SOUTH AFRICA SABC: tnx to Behr's ID & Hauser's comment in May LN, my 15290a unid is, in fact, SABC (Greenwood)
- 15290 BRAZIL RNB: 0200 EG, hrd on 0300 pgm that since 4/21 they had been experimenting w/ add'l xmsn @ 0200; ditto for Eur @ 1900 & 2000 --presumably on 15125--; helps keep their xmsn from being too late in EDT, but just as jammed @ 0200 as @ 0300. And for J80, R. Sweden also to be here to NAM @ this hour! (Hauser) hrd *0300-0345 by (Eastman, Fraser, Wentzell)
- 15290 SWEDEN RS: 0230 EG, moved here J80 for 0230-0300 ex-9695, //11705, not knowing Brazil would decide to add an hr to NAM @ 0200-0300; result: horrible mixing (Hauser)
- 15295 MALAYSIA RTM: 0900-1000* Bahasa Malaysian, M & W w/ nx, ballads, no IS or NA @ s/off, just voice ID (Greenwood)
- 15310 JAPAN RJ: 1800-1830 EG, nx, cmntry, //9505, 11815 (Moman) Williams)
 15315 SEYCHELLES FEBA: 0305 FS, AR @ 0345-0445 (Behr, Trolander, J.
 15315 CHINA RP: 1615 EG, nx, cmntry, to Af (Ethen)
 15325 UGANDA RU: *0257 EG, IS & s/on, QRM de Moscow (Bares)

- 15330 BULGARIA R. Sofia: 0000 EG, here ex-9705 as usual for summer to NAM @ 0000-0100. Usually dominates AFRTS here (Hauser) also hrd by (Cucura, Danko)
- 15330 ITALY RAI: 0830 IT, bird chirp IS, s/on anmts, into nx (Klein)
- 15333v COLOMBIA R. Nac.: 0220-0235 SP, pgm on Banco Nacional's Museo del Oro, pgm of mx by Colombian composers (Barrette) 0414 SP, tent, clas: mx, no ID but mentions of Colombia, 4/18 (Earhart)
- 15335 INDIA AIR: *1128-1140 Tamil, IS to 1130, choral song followed by s/on, sub-cont mx, g (Buer) 1330-1405+ EG, nx, 2 M w/ discussion, ID @ 1430 (Braga, Meyer)
- 15345 NEW ZEALAND RNZ: 0333-0609 EG, MOR mx, nx, wx (Wallace + others) RNZ now has special fortnightly (1st + 3rd GMT mon) pgm for US- "NZ Calling". Reception slightly better here than //17680. Weak but clr sig. Included calls to listeners, feature on Maori mx, and DX news from Arthur Cushen (as on "DXJB"). Repeated 0815 on 11945 (Hauser) (Behr)
- 15350nf NETHERLANDS ANTILLES TWR: *2155 CH, IS & new pgm to 2258* w/ EG ID
- 15360 TURKEY VOT: *2200 EG, ex-11955. OK tho mod not up to par, marred b: some co-channel tone tests toward end, J80 (Hauser) (Ethen)
- 15360 ECUADOR HCJB: 2340 JP, oriental mx, ID, Hauser's section of "DXPL"
- 15365 GUAM KTWR: *1429 EG, Bengali & Hindi 1500-1600* (Behr) (McClellan)
- 15380 CYPRUS BBC: WS 0036 EG, comedy show, f w/ splatter fr BRT-15385
- 15380 SWEDEN RS: 2300 EG, hr J80 for NAM; does OK as jamming seems to be over by then, 15275 was wiped out since 4/23 by R. Vilnius (Hauser)
- 15385 BELGIUM BRT: 0015-0100v* EG, "Today in Belgium", DX pgm, live remote bcsts (Byron + others)
- 15385 PHILIPPINES FEBC: 1400 CH, rel hymns to 1645* w/ EG ID (Behr)
- 15400 FINLAND RF: 0330 EG, to NAM 0330-0400 for J80, ex-9760, very nice sig now; //15430 is a mess w/ AFRTS & Mexico there (Hauser) 1300-1309+ EG by (Greenwood, Wentzell)
- 15415 ECUADOR HCJB: 0800 EG, "DXPL" (Klein)
- 15420 USSR RM: 1230 EG, nx, Strauss mx (Braga)
- 15425 SRI LANKA SLBC: 0158 EG, "Radio Bible Class", f-p (Wallace)
- 15425 AUSTRALIA ABC: 0049-0101 EG, wrld nx, TC, wx, tlks, p (Cunningham)
- 15425 PHILIPPINES VOA: 1220-1400 EG, "Studio One", "Concert Hall" (Braga Jordan)
- 15430 FINLAND RF: *0330-0345 EG, IS, regular pgms, //15400, J80 (Bares)
- 15430 MEXICO R. Mexico: 0120-0142 SP, mx, tlks, ID, no EG hrd (D'Angelo)
- 15440 PHILIPPINES FEBC: 1515 EG, rel pgm, ID & TC @ 1530 (Moman)
- 15445 BRAZIL RNB: 0241 PT, lcl mx (Clift) Egbert)
- 15455 USSR RM: WS 1800-1830 EG, nx, "The Way We See It", IDs (Colgan,
- 15460 USSR RM: on 4/23 when summer freq changes were made, RMWS also expanded from 19 to 24 hrs/day, i.e. staying on the air 2300-0400 while NAM svc is on other freqs; this is the main RMWS freq audible here during that period (Hauser)
- 15500 COLOMBIA R. Nac.: 0215 SP, again noted here--was here several yrs ago--on SSB, class mx & ID, 4/30 (Hauser)
- 15520 CHINA RP: 0010-0043 EG, cmntry, CH vocal mx (McClellan, Posporelis) 1200 EG, back here for summer to NAM, usually powerful but distorted sigs (Hauser)
- 15790 CLANDESTINE V. of the Malayan Revolution: *1450-1530* EG, martial mx, W w/ ID X2, sked, tlks & patriotic mx (Jordan, Valko)
- 17610 HOLLAND RN: 1232-1402 DT, live coverage of inaguration of Queen Beatrix, used this freq only 4/30 (Cucura)
- 17650 CHINA RP: 0130-0200 SP, ID, SP mx (J. Williams)
- 17665 PAKISTAN RP: *1226-1231 Bangla, IS, ID by M, f (Valko)
- 17680 CHINA RP: 0219, 0410 EG, nx, tlks (Sellers, Wentzell) (Egbert)
- 17695 NETHERLANDS ANTILLES RN: 2030-2120 EG, "Newsline", "His & Hers"

A much better turnout this month than last. Please note that all J80 loggings are so noted; all others are M80.

Please use FRENDX report forms when at all possible. And, on stations that have relay sites--BBC, VOA, RN, etc.--PLEASE consult the WRTH, freq skeds, LRs, LNs, etc. and report the CORRECT site. There's no telling how much time is spent here correcting incorrect sites. Thanks!

73 de tc

Terry

log report section

17700 & ABOVE



BRETT SAYLOR

- 17710 HUNGARY R Budapest; 0042, 0100-0130, 0200, 0300 EG, ID, nx & cmty on Moscow Olympics; excellent reception (8 reporters)
- 17710nf CANADA RCI; 1400-1445 EG, RCI relay of CBC Sunday Morning now here 1400 to 1600; Moscow CH svc also on this freq from 1400, jammed; (Hauser 5/4) Sunday Morning Referendum Report, // 11720 (Buer; ter)
- 17715 LIBERIA VOA; 0745-0815* EG, nx analysis, report by corrsptd (Muns-)
- 17720 FRANCE RFI; 1600-1717 EG, PCA, nx&mx, contest results (Lampo, Sau-)
- 17730 AUSTRALIA RA; 0800 EG, IS, ID & nx; vry good (Boble) nders)
- 17750 CUBA RHC; 1605 SP, *2100-2130* EG, nx&cmty (Munster 5/8, Fraser)
- 17755 NORWAY R Norway; 1800-1830 EG, ID, nx, interviews (Williams 4/27, Hensley)
- 17780 AUSTRALIA RA; 0600 EG, world nx (Byron 4/26)
- 17785 INDIA AIR; *0342-0350 Persian, IS to 0345, then mx; good w/flutter (Buer 4/10)
- 17785 USSR RS Peace&Progress; 1430-1500 EG, ID, anti-US&China cmty, Sunday Kaleidoscope pgm (J Williams 4/6)
- 17795 WEST GERMANY(?) DW; 1945-2000 EG, Afr svc, mx w/ Afr sounding DJ. Is this Cologne or a relay??? (Conover 4/13)
- 17795 AUSTRALIA RA; 0610-0630 EG, TC, ID, Pick of the Week (Samuel 4/12)
- 17795 ITALY RAI; 0352 EG, nx by W (McClellan)
- 17815 BRAZIL R Cult de Sao Paulo, 2350-0050 PT, ID, long talk by M&W, EG lesson 0030, good (McCoy 4/8)
- 17825 BULGARIA R Sofia; 2130 FR, IS, ID by M, nx by W, good (Kowalski)
- 17830 PAKISTAN RP; 0230 EG, ID by M, nx (Valko 4/7) on 4/29 on 17835 w/ slow speed nx; was in Urdu before 0230, //21590 weak (Sellers)
- 17840 NORWAY RN; 1400-1420, 1530-1550 EG, extensive discussion of oil rig disaster, het from WYFR (Jordan, Davenport)
- 17855 RFSFR(Europe) RM Kingisepp (per UHN); *1700-1720 FR, IS, ID by M, world nx, tlks by M&W interspersed w/ orch mx (Jordan 4/12)
- 17860 NEW ZEALAND R New Zealand; 0428 EG, light classical mx, 0530-0600 w/ nx, mx, first broadcast of New Zealand Calling (on 5/5), Arthur Cushen's pgm (Moman, Cooper, Jordan, Mayer)
- 17870 USSR R Vilnius; 2320 EG, popular Lith. mx, //11790, 15100 (Moman) v of Yerevan; 0345-0358 EG&AM, domestic nx & mx, ID, QRM from VOA fair (Chavdarian)
- 17880 CANADA RCI; 1300 EG, first hour of CBC Sunday Morning pgm, poor w/ Moscow co-channel, //11720 (Hauser)
- 17940h GUATEMALA AWR-Union R; 0150-0220+ SP, fund 5980 not audible (cover -ed by RSA), announcements w/ full ID @ 0200; fair-good (Buer 4/25)
- 18075h PORTUGAL RP; 0115 PT, religious pgm, 3x6025 (Clift 4/5)
- 18228h HONDURAS La Voz del Junco; 2115-2125 SP, songs w/ anmts & ID, distorted; 3x6076, fund not audible (Buer 5/3) (Buer)
- 18525h ANTIGUA BBC; 2200 EG, end of pgm, ID; weak w/ deep fades, 3x6175
- 19180h CANADA BBC Sackville; 2210-2215 EG, World Svc, Theatre Call; 2x 9590, fair w/ het (Buer 5/3)
- 21207h? UNID 0300-0315 SP, W w/cmty on National Reorganization, emphasize on Rural Education; sounds like harmonic (3x7069?), fair-poor (Barrette 3/29)
- 21455 GREECE V of Greece; 1230-1251* EG, M w/ nx, ID, GK songs (Jordan)
- 21465 USA VOA; 0228 EG, Breakfast Show (Wentzell 4/20) liams)
- 21475 FINLAND RF; 1430-1500 EG, Off the Cuff, Press Review (Grenier, Wil)
- 21480 NETHERLANDS RN; 0732-0737 DT; nx pgm, ID; vry good (Jordan 5/4)
- 21480 ECUADOR HCJB; 2132-2200 EG, ID&freq's, DX Party Line; vry gd(Bodle)
- 21485 PAKISTAN RP; (time??) Urdu?, Raga mx, M ann // 21755,17910 (better); (Barrette 4/15)
- 21485 UNITED ARAB EMIRATES Dubai R; 0355, 0543-0610+ AR, home svc relay and taped EG ID, requesting reports, excellent level 4/28 (Lobdell) fair-poor 4/22 (Jordan)

- 21490 ASCENSION ISLANDS VOA; 1145 SP, nx at 1200, QRM from R Pakistan; (Bragga 4/1)
- 21490 USSR RMWS; new 24-hour svc audible here many nites in 0200-0300; //21530 (Hauser)
- 21500 UAE Dubai R; *0400-0515 EG/AR, ID as "This is United Arab Emirates Radio in Dubai", address given: PO Box 1695, then relay of home service, many ID's (Diekman 4/15)
- 21500 USA? VOA; 2122 lang, tlk, mnt "Vuch dut Ameroco"(not FR), EG rpts (Meyer-PERU 4/16)
- 21505 CZECHOSLOVAKIA RP; UN anti-apartheid pgm (1602,EG) (Hauser)
- 21515 FRANCE RFI; 1605-1630 EG, ID, nx, PCA, //21580, 21620 (no name) 2127 FR, tlk by W, listener's letters, US pop mx (Meyer 4/16)
- 21520 SWITZERLAND SRI; 1312 EG, s/on w/ IS for Indian suncont (Wentzell)
- 21525 AUSTRALIA RA; 0500-0607 EG,FR, world nx, Aust nx (Moman,Grenier)
- 21530 UKHANIYAN SSR Ivano-Frankovsk (perUHN); 1335-1350 RS?, lengthy cmtry by M, RS mx (Jordan 4/13); RM (site?); 0235-0300 EG, RS mx, //21490,21690 (Buer 5/1)
- 21535 SOUTH AFRICA RSA; *2000-2056* FR,2059-2150* EG, usual prgming w mx, ID's, Africa Today & News in Brief (6 reporters)
- 21570 SWITZERLAND SRI; 1315-1340 EG, Talkback, Dateline Nx, quiz pgm, Swiss mx, Moscow QRM (Eder 4/30, Wentzell, Hoffmann)
- 21545 KUWAIT RK; 0500 EG, s/on ann by W, folk mx (Moman 4/17)
- 21560 MALTA DW; *0030-0110* PT, nx & cmtry, classical mx, site ID at s/ off (sorry-I lost your name on this one!)
- 21570 USA AFRTS; 2132, 0229 EG, sports & reg pgming (Meyer, Wentzell)
- 21570 FRANCE RFI; 1530 FR, QRMing Switzerland, //21580 (Hauser 5/4)
- 21580 FRANCE RFI; 1722-1730 EG, PCA, rpt on Nuclear energy vs fossil fuels (Hoffmann 4/3)
- 21590 PAKISTAN RP; 0230-0245 EG, slow-speed nx, 0336-0400 FS, nx (5 rpt)
- 21600 WEST GERMANY DW; 1203 EG, 1726-1740 EG, Afr svc, Panorama, nx (Hoffmann 4/9, Munster, Braga)
- 21605 SAUDI ARABIA BSKSA; 2141-2259* AR, nx, AR vocals & instr mx (Meyer 4/16, Crawford, D'Angelo rg, Meyer)
- 21615 USA WYFR; 1835-2143 EG, religious pgming (Egbert 5/13, Ringgenbe)
- 21615 SWEDEN RS, 1400-1420 EG, Panorama, Sweden Calling DXer's, Request pgm (Eder 5/6, Hoffmann) man)
- 21620 FRANCE RFI; 1702 EG, PCA, nx, // 21515,21580,17695,17850,17860(Mo-)
- 21630nf AUSTRALIA RA; 1755-1805 EG, IS, ID as Carnarvon relay, directed to Europe, world nx (Conover 4/27, Sellers)
- 21640 JAPAN RJ-NHK; 0130-0215 EG, IS, ID's, Asian nx, mx, Current Topic s (Byron 4/19, Jordan, Earhart)
- 21655 AUSTRIA ORF; *1230-1255* EG, nx, Shortwave Panorama (Fraser 4/16, Braga, Slomka)
- 21655 NORWAY RN; 0600 EG, best to WNAm w/ fluttery&weak but fair signal (Hauser 5/5)
- 21690 SWEDEN RS; missing from usual 21615 at 1400 on first day of J80 season, found here; next day back on 21615 & 21700 (Hauser 5/4)
- 21700 SWEDEN RS; 1357-1405 EG, orch mx, ID and nx, QRM from a bester in poss PT (Jordan 4/18)
- 21710nf ISRAEL IBA; 2230-2245 EG, 2315-2320- Yiddish?, *0000-0030* EG, ID, nx, cmtry, Calling All Listeners; also noted 0100-0125 (Munster 5/6, Cucura, Buer)
- 21720 NORWAY RN; 1920 EG, Norway Overseas Svc, good signal (Ringgenberg)
- 21730 NORWAY RN; 1600-1630 EG, ID, nx, Norway This Week (Williams 4/6)
- 21755 PAKISTAN RP; 1600 -1615 EG, slow speed nx, ann 21485, 17910 to East, 21635, 17660 to EafR (Hauser 5/4, Wallace)
- 21900h ALBANIA R Tirana; 2227* w/ end of Internationale, assume 3x7300 (Crawford 5/1)
- 23900h UK BBC; 1953 EG, classical piano mx, 4x5975 (Hauser 4/26)
- 24240h ARGENTINA LRA7; 0010 SP, w/ classical mx, nice at peaks; sched matches LRA on 6060 (4x harmonic) but fund blocked by Cuba (Hauser, Moore 5/5)
- 25285h ALBANIA R Gjirokaster; 1314 Albanian, folk mx, 5x5057 (Moore 5/6)
- 25640 ISRAEL IBA; 1202 EG, usual pgm, vry good; //17560 (Braga 4/18)
- 25730 NORWAY RN; 1705 NW, unsched freq w/ prob church svc (Hauser)

Out of room this month...thanx to many great reporters. CUN 30 *but*

WANTED: Information on accessories for a Grundig Model 204 'Ocean Boy' portable, especially the battery pack. My Grundig is without the manual and I am unable to figure out the back panel and the German markings on the front. Alan L. Zeichick, 28 Kennebec Place, Bangor, ME 04401.

WANTED: I would like to hear from anyone who has installed a W6TOG modification kit in the FRG-7000. Difficulties? Results? John Westbrook, ARCENT CRICS ABEV, APO N.Y. NY 09164

FOR SALE: To residents of NYC metropolitan area or those able to pick up, one MFJ 752 Signal Enhancer, spanking new, mint condition, with instructions. Must sell at \$60, but will consider equipment trade instead. Pick up either at my midtown office location or home. Darryl Holland, 3215 Arlington Avenue, Riverdale, NY 10463. Phone (212) 697-7050 Mon.-Fri., 9:00 am to 3:00 pm.

WANTED: Drake MS-4 speaker for use with R-4B. Please write stating price and condition. John C. Herkimer, 180 North Street, Caledonia, NY 14423.

FOR SALE: FRG-7 and Yaesu Y-55 headphones, Gilfer modified for 4 kHz filter plus Collins 2.7 kHz mechanical filter controlled by front panel switch. Late model with fine tuning, in mint condition. Price \$340, I pay UPS. John Gramarossa, 2720 N. Moody Avenue, Chicago, IL 60639.

WANTED: Hammarlund HQ-180A or Collins R390A in good operation condition. Larry Kramer, 13541 W.C.R. 4, Brighton, CO 80601. Colorado DXers can call collect at 659-4628.

WANTED : For SP-600-JX; original type cabinet, digital readout system, and pages 16,20,21, and 22 of March 1951 instruction book. **FOR SALE OR TRADE:** DX-300, price \$250 ppd or offer or interesting trade. John Caranna, P.O. Box 368, Stanleytown, VA 24168. All mail answered.

CONVENTION ANNOUNCEMENT

ASSOCIATION of NORTH AMERICAN RADIO CLUBS 15th ANNUAL CONVENTION

LOCATION: Irvine, California (40 miles south of Los Angeles via #5 & #405 Freeways)

SPONSOR: Southern California Area DXers (SCADS)

TIME: July 18 thru 20, 1980 (Friday afternoon to Sunday Afternoon; ie, 2 nites)

CONVENTION COMMITTEE: Chairman - Stewart MacKenzie
Co-workers: Karen & Jim Young, Dave Browne, Don Johnson, Pete Grenier, Flo & Spence Naylor, Grant Manning, Don Schmidt, Mike Maghakian, Larry Kopriva, and the Sad Diego DX Club(Larry Brookwell).

CONVENTION HALL: UCI Fine Arts Concert Hall

EXHIBITION HALL: UCI Fine Arts Gallery

LODGING: Mesa Commons Townhouses **MEALS:** American Plan(Cafeteria)

TOWNHOUSE RATES: \$23.00 per person per day single occupancy with all meals included.
\$20.00 " double
\$28.00 " suite (limited)

BANQUET COST: \$10.50 per person Dinner will be Prime Ribs of Beef Au jus

REGISTRATION FEE: \$12.00 per person. **PARKING:** Free in designated convention area.

AIRPORT: John Wayne Airport - Orange County(only 3 minutes from the convention site).
Route your flights via LAS VEGAS to the John Wayne Airport from the eastcoast
Flights into LAX(Los Angeles International) can catch Golden West Commuter Airlines to the John Wayne Airport.

UCI RECREATIONAL FACILITIES: Heated outdoor swimming pool, 12 tennis courts(6 lighted), handball/raquetball courts, indoor/outdoor basketball courts, to name but a few of the facilities available for your enjoyment(and possibly your families). Child Care services available also. Close to Disneyland, Knotts Berry Farm, and the Pacific Ocean beaches.

ANARC >>> 80

JULY 18 19 20, 1980

IRVINE, CALIFORNIA

University of California Campus

Convention Chairm
MR. STEV MACKENZ
16182 Balled La
Huntington Beach, CA 926
United States of Ameri

CONVENTION PLANNER - COSTS

RATES: \$23.00 per person per day single occupancy with all meals included

\$20.00	"	double	"	"
\$28.00	"	suite	"	(limited)

	Yoursel	Family Members, if any	
	1. \$	2. \$	3. \$
REGISTRATION: \$12.00 per person (Slightly higher at the door)	_____	_____	_____
BANQUET(optional): \$10.50 per person	_____	_____	_____
LODGING: For rates, see above	_____	_____	_____
Single	_____	_____	_____
Double	_____	_____	_____
Suite(sleeps 2; limited number)	_____	_____	_____

TOTAL COSTS: Add all figures, enclose check or money order in full(as overseas personal cheques can be accepted because of the complex exchange rates). Use International Money Orders or Bank Cashier's Checks in \$US Funds.

Makes all checks payable to ANARC - 80. TOTAL AMOUNT ENCLOSED: \$ _____

DOUBLE OCCUPANCY: I will bunk with; 1st choice: _____
2nd choice: _____

AIRPORT PICK-UP - John Wayne Airport(only) Arrival Time and Date: _____
Flight Name and #: _____

Return this form with funds to the 1980 ANARC Convention Chairman per address lists as above. If you have any questions, please use a separate sheet of paper. Your complete name and address, include first name(s) of family member(s) attending Please PRINT in block letters; phone number is optional.

NAME _____ FAMILY MEMBER(S) _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

COUNTRY _____ PHONE NUMBER _____



CREDITS

July deadline: June 12th.

Merci, danke, spasibo, and arigato to 78 reporters...

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That's it for another month. Remember that just because summer is coming you do not have an excuse to stop reporting; think of all that vacation time you'll have to do nothing better than listen and report. 73s!

Gregg Bares

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