

FRIENDS



العراق
IRAQ - IRAK



R. B. I.

EMBLEM OF R. B. I.
RADIO BAGHDAD INTERNATIONAL
VOICE OF THE IRAQI REPUBLIC

ARABIA



Welcome to these 55 new NASWA members joining in time for this October issue of FRENEX. We urge them to participate in NASWA affairs, and we hope they find their membership to be helpful.

- | | |
|---|--|
| ANDREWS, Michael P., St. Louis, MO | KOWALSKI, Paul S., Milwaukee, WI |
| AXELSON, Kevin, Chevy Chase, MD ** | KRAUSE, William, Anoka, MN |
| BAKER, Terry, Geneva, IL | KRUGER, Mark, Minnetonka, MN |
| BILGER, Charles Vernon, Mesquite, TX | LONGSTREET, John C., Chicago, IL |
| CLARIUS, Peter, Staten Island, NY | LOREN, Stefan, Tarzana, CA |
| CONOVER, Wheeler, Manchester, KY/Coast | LUCAS, Richard D., Johnson City, NY** |
| COOPER, Ferrell L., Abidjan, Ivory | MCKENNA, Debbie, Hatfield, PA |
| COSTELLO, Paul, Seattle, WA | MAISE, Clarence E., Jr., Lafitte, LA |
| CULLEN, Jim, Charlotte, NC | MOCK, Frederick C., Mattapoisett, MA |
| CROZE, Martin W., Edina, MN | MOORE, Robert, Seattle, WA |
| DAMBECK, William J., Suitland, MD | SEPPALA, Ari, Hebron, IN |
| DANKO, Larry S., Livingston, NJ | SERSHON, Ed, Antioch, IL |
| DESMOND, Michael J., Florissant, MO | SMELTZER, David A., Lake Oswego, OR |
| DULMAGE, Bill, Prescott, Ont. | SODT, Robert B., Seminole, FL |
| EDMONDS, Tom, Oxford, NC | STREIKER, Scott, Suquamish, WA |
| ESPOSITO, Anthony, Milton, FL | SULLIVAN, Patricia, Altadena, CA |
| FARLAND, Tom & Julie, Cedar Rapids, IA | TAAFFE, Steven, Wichita, KS |
| FOSTER, David W.G., Mansfield, Aust'l** | TALLEY, Joe, Indianapolis, IN |
| FRANKLIN, Wayne, Waynesville, NC | TERLAGA, Ray, Ansonia, CT |
| FREER, Phillips B., Los Angeles, CA | TIEDE, Robert P., Linwood, NY |
| GARCIA, Ramon D., Biloxi, MS | TOMPKINS, Alan D., Waitsfield, VT |
| GRICE, Herbert M., Trotwood, OH | TRIMMER, Thomas E., Alma, MI |
| GRIES, John J., Maple Heights, OH | VAN PATTEN, Roger, St. Louis, MO |
| HAMANN, Darlene, Berrien Springs, MI | WHITE, Conrad, Chicago, IL |
| HANSON, Keith, Springfield, IL | WHITE, George C., Millburn, NJ |
| HELFRICH, Kent, Youngstown, OH | YAMAZAKI, Takumi, Akita, Japan |
| HOPE, Thomas, Woodridge, IL | ** Welcome back after a short absence! |
| KING, James C., Jr., Lexington, KY | |
| KOBLISCHKE, Robert, Denver, CO | |

Dan Henderson, NASWA Awards Chairman, has ask that we announce that effective immediately, the cost of the awards certificates issued by his Committee to those qualifying for any of the many awards available to the membership is being increased from the present .50¢ to .75¢ for each certificate issued. Payment can be made with 5 U.S. mint .15¢ stamps or 4 IRC's.

This increase is necessary due to increased cost of envelopes, postage, printing, etc., which have occurred since the .50¢ fee was established many years ago. Since the NASWA Awards Program is self supporting, and not subsidized by the general membership funds, this increase is necessary for the program to continue to be available to those who wish to take advantage of it.

Please make a note of this change on page 15 of your 1978 "Radio Country List & Awards Program" booklet for future reference.

NASWA

A REPORT FROM
HEADQUARTERS

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.
OCTOBER, 1979

AN IMPORTANT ANNOUNCEMENT: In June of 1975, membership in NASWA, which included FRENEX, was \$12.00 per year. At that time, it cost .39¢ per issue to print FRENEX plus .20¢ to mail first class in North America. A simple calculation breaks this down as approximately 60% of the membership dollar being spent for printing and mailing our bulletin and about 40% left to cover the many other costs of keeping things going. In late 1975, the USPS increased our mailing cost to .24¢ per issue, and about that same time, membership in NASWA was increased to \$13.00 per year where it has remained to the present.

This, the October issue of FRENEX, cost .48¢ per issue to print plus .28¢ to mail in North America. The percentage comparison now shows approximately 70% of the membership dollar is being spent for printing and mailing with only 30% remaining to cover all other costs. It is assumed that it is not necessary to go into a lengthy explanation that our printing and postage are not the only increased costs we are experiencing since everyone knows most anything one buys today will cost more than it did just a short time ago.

Your Executive Director recently provided the NASWA Executive Council with the annual NASWA financial statement covering the previous twelve months period. While that statement shows NASWA's overall financial condition to be very sound, it also shows a trend that monthly expenses are beginning to exceed income. Since it is apparent that we can expect to continue to pay more for things and services, we feel we must adjust membership costs slightly to insure that NASWA's financial condition will not deteriorate further during the coming months.

Effective as of January, 1980, membership in NASWA, which includes twelve issues of FRENEX, will be increased by \$1.00, or to \$14.00 per year. Likewise, the optional mid month Update increases to \$3.50 for twelve issues from its previous \$3.00. Overseas membership and airmail rates for FRENEX will increase by \$2.00 over the present rate area, and an additional \$1.00 for Update.

Since this increase will not be in effect until January, 1980, we will accept membership renewals, regardless of normal expiration date, at the current \$13.00 rate providing they are received here at HQ before December 31, 1979. In other words, anyone wishing to take advantage of renewing ahead of the rate increase may do so as long as such renewals are received here prior to January 1, 1980, after which date all renewals must be at the \$14.00 rate. The number appearing after the person's name on the address label of FRENEX or Update indicates the month of expiration.

DAN ROBINSON TO LEAVE FRENEX STAFF: Dan Robinson, who has been LR-A section editor for FRENEX's Log Report section since April of 1976 has advised that he would like to be relieved of his FRENEX responsibilities in the coming months. Dan recently graduated from college and anticipates his entrance into the business world will require more time that he can spare to continue as LR-A editor.

We are very sorry that Dan finds it necessary to give up his FRENEX job, but we recognize that no one can be expected to continue forever, and we are grateful that he has been able to handle the LR-A section for as long as he has. Although Dan has said he will continue as LR-A editor for several more months, he asks that steps be taken as soon as possible to find a suitable replacement.

Since the LR-A section of Log Report deals with the area of most interest to serious DXers, it requires the editor to have considerable personal experience and knowledge of the tropical bands in order to be able to properly evaluate and report news to the membership and FRENEX readers in an authoritative manner. With this in mind, we are asking any NASWA member who feels he/she would be qualified and willing to take over the LR-A section to contact either HQ or Dan Robinson, 4437 Sedgwick St., N.W., Washington, DC 20016 as soon as possible and outline their qualifications in as much detail as possible. Dan has offered to help us select his successor, and he is available to answer any questions anyone might have regarding this position. We know we have many members in NASWA who would be well qualified so we hope some will step forward now.

shortwave CENTER



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

OCTOBER 1979

Antennas

BASIC RECEIVING ANTENNAS

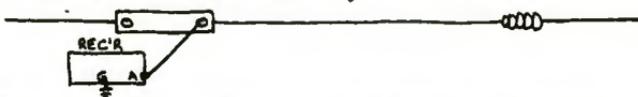
by Bart Beal, P. O. Box 1246, Walla Walla, WA 99362

A length of No. 12 or 14 gauge copper wire strung between two supports is the simplest antenna. The efficiency of this elementary device is a function of its length relative to a corresponding radio wave, and the angle at which the wave hits the antenna.

In order to conduct the maximum received energy from the antenna to the receiver with a minimum of loss, a suitable lead-in must be installed between the antenna and the receiver - unless the antenna is connected directly to the receiver!

DIRECT FEED ANTENNA

A direct feed antenna may be of any random length, and if it is at least 75 feet long, it is a good multiband antenna when connected directly to the receiver.



Obviously, connecting an antenna directly to the receiver and stringing it out to a support somewhere makes for an insecure connection and poorly supported antenna. Okay, perhaps for a field trip, or a vertical dropped out of a window, otherwise one will find it best to fasten it between two supports and connect a lead-in to it. The long wire is a good example.

THE SWL/DXERS LONG WIRE

A SWL/DXers long wire may be of any random length and should have the shortest lead-in possible. The flat-top portion should be of No. 12 or 14 gauge stranded copper wire with the lead-in a single insulated, stranded copper wire affixed by soldered connection to the end nearest the receiver.



Thus, it is virtually a directly fed wire with only a small connection offering little resistance to cause hardly any change in its operation.

This antenna has for many years been known to the hobbyist as the "long-wire." However, the name "long wire" has no relation to the technical term long wire which refers to a class of antennas of multiple wave lengths, sometimes a very long single wire, but usually to various configurations as triangles, rhombics, etc.

Although called a long wire, the length of the antenna shown above is limited. Experience by users indicate a length of 25 to 100 feet, with 75 feet as the most popular, probably because the 75 foot wire length is most sensitive to the 49 metre band and is also effective on the higher international bands as well. The SWL/DXers long wire technically is an end-fed half-wave Hertz antenna. Since efficient interception of radio waves requires an antenna that is at least a half wavelength, a suitable antenna for reception of the international SWBC bands is approximately 80 feet in free space (a theoretical perfection). In actual use, the physical length of a half-wave antenna is about 5% less than that value. This relationship proves the logic of using a receiving antenna that is at least 75 feet long. Also, because the long wire has many points of directivity according to the band being tuned, orientation is not a problem.

Regardless of what length the long wire is cut to, it is still a random wire; and because

it is also end-fed, it has a high impedance and works best with an antenna tuner. The impedance of an antenna relates to Ohm's Law and is the quotient of voltage over resistance. However, for our purposes here the impedance of a single wire antenna is about 1000 ohms at the ends and decreases rapidly to 70 ohms at the exact center of the wire. Modern communications receivers have an antenna input circuitry of 50 to 75 ohms, thus it is best to take the signal off at a low impedance point to match the receiver's input for optimum transfer of the signal. Since the long wire is end-fed and the signal is taken off the high impedance point, a matching device, or antenna tuner, is needed to match the antenna impedance to the receiver.

An antenna tuner (or preselector) also improves the long wire by compensating electronically for length. That is, it improves the operation of short antennas by making them electronically longer, and electronically shortens antennas that are too long, at the frequency being tuned.



When used with an antenna tuner, or preselector, the SWL/DXers long wire is a good overall antenna for use on most bands according to the length it is cut, but the results will not be as good on all bands as would be possible using separate dipoles for each of these bands. Dipoles are center fed, like the Tee antenna following.

THE "T" ANTENNA

The antenna, named for its shape, is also a random wire. It can be 30 to 90 feet long and the lead-in is attached to the exact center of the wire, a perfect match for 50-75 ohm receivers. The lead-in may be of any length and should form a gentle downward curve at right angles to the flattop. Both the lead-in and wire may be of No. 12 or 14 gauge wire.

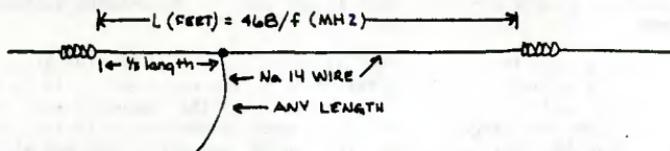


According to Ed Shaw, in "DXing according to NASWA," "it has the advantage of providing additional gain for some bands depending on its total length. Disadvantages like wise may be noted because of these same points: less sensitivity for some stations because of fewer lobes of directivity."

Lobes refer to theoretical patterns of sensitivity to certain directions. The response pattern of a "T" antenna is a complex combination according to it's height above ground. If hung horizontally north-south, a half wavelength high, it will be most sensitive to signals from the northeast and northwest, but will also be effective east and west.

THE WINDOW ANTENNA

The Window antenna, named after the amateur who wrote a comprehensive article about it, consists of a half-wave length antenna on the lowest frequency band to be used. A single wire lead-in is connected off-center at one third the length of the antenna. Length is determined by the formula: $L(\text{feet}) = 468/f(\text{MHz})$. This is also the formula used for dipoles.

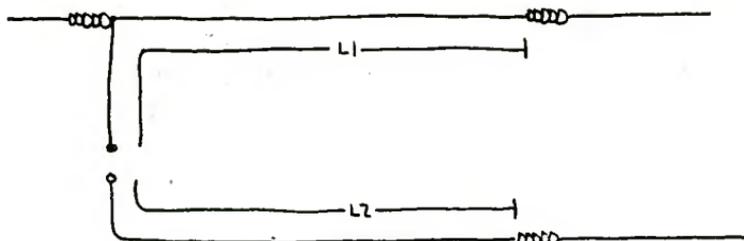
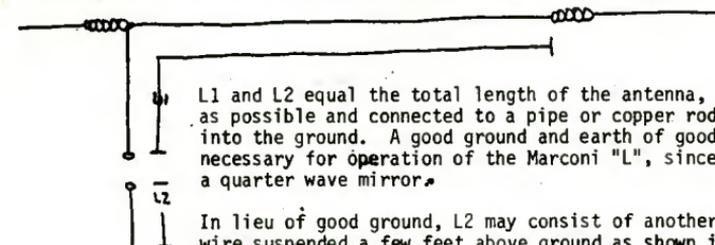


The lead-in should be insulated to prevent it being shorted to ground and should fall away at right angles as far as possible before any bends are made. A good ground is important for effective operation of the "Window" and it works best over ground of high conductivity.

The Window, when erected as high as possible, may be cut for peak performance on the lowest shortwave frequency desired with the assurance of good reception on other bands. For instance, if the length is cut to 94 feet and the lead-in is connected at 33.8 feet, reception will be best on the 60, 31, and 16 metre bands. When it is cut to 126 feet in length, and the lead-in is tapped at 42 feet, it will cover all the SWBC bands.

THE MARCONI INVERTED "L" ANTENNA

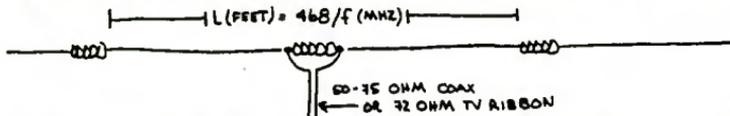
The Marconi inverted "L" consists of a wire whose total length is one quarter wavelength.



Ideally to cover the international SWBC bands, a total length of L1 and L2 need be only 39 feet. 48 feet and 8 inches would cover the 60 metre band. Length is calculated by the formula $L(\text{feet}) = 234/f(\text{MHz})$. This is also the formula used to compute the length of the vertical. This type of antenna, like the vertical, is omnidirectional, and noisier than other horizontal antennas.

HALF WAVE DIPOLE

The basic dipole (dipole meaning in two parts) is a resonant antenna and has an electric length of one half-wavelength. It is a center fed (tuned) antenna intended for optimum receiving results over a small band of frequencies. The length of the antenna determines the frequency on which it is tuned. To determine the length, divide the desired frequency into 468, the sum will equal the length in feet. For instance 6.0 MHz into 468 equals 78 feet.



The center of the dipole has an impedance of 70 ohms at the center and with a 50 to 72 ohm coaxial or 72 ohm twin TV ribbon lead-in, there is a sufficient match for most modern receivers with 50 to 75 ohm antenna input circuits. Given these conditions, and since the lead-in, unlike the previous single wire antennas, is not part of the antenna system, noise is reduced to a minimum.

The lead-in should drop away from the antenna at right angles and the two wires of the lead-in are connected to the ground and antenna terminals of the receiver. This type of antenna tunes rather sharply and best results are obtained over the frequency band for which it is cut. Reception outside this range will not be as good as compared with the long wire, however the dipole will have sensitivity to other frequencies and directions and will be resonant also on its odd or third harmonic, that is, if it is cut to resonate on 5 MHz, it will also resonate on 15 MHz.

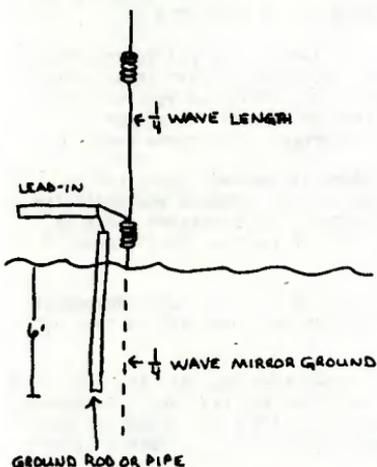
If the dipole is cut long enough (at least 75 feet) its usefulness can be increased by converting it to a single wire. Just connect both lead-in wires together on a single receive antenna terminal, or use a switch to avoid disconnecting and reconnecting the antenna wires at the receiver terminals.

VERTICALS AND VEES

These two antenna types perform in one area better than other single wires—they are very

sensitive to low angle wave reception bent (refracted) off the ionosphere from great distances. The wave angle depends on the distance between the transmitter and the receiver, and according to the height of the refracting layer, at great distances radio waves are received at angles of 0 to 15 degrees.

The vertical antenna has the property of omnidirectional sensitivity when erected clear of steel structures in addition to its sensitivity to low angle signals. It also has the advantage of occupying less space. On the surface the vertical would appear to be ideal for DX chasers, however it must be erected in an area free of automobile ignition and the static level must be reasonably low. Moreover a good ground is necessary as is earth of good conductivity.

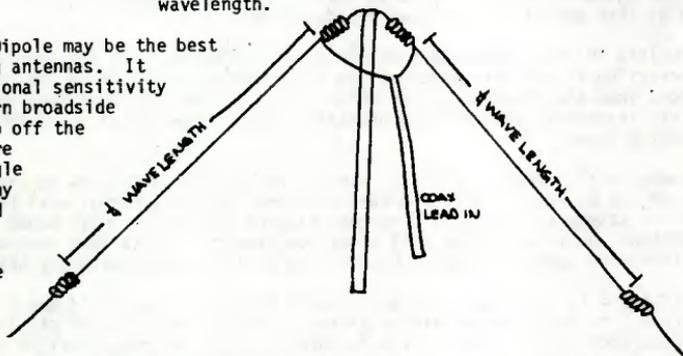


The fundamental vertical is a quarter wavelength long. Length is determined by dividing the frequency desired into 234. However, 30 feet is the maximum that should be used since operation in the higher bands would be impaired at greater lengths.

Since the earth acts as a mirror (image) quarter wave segment, the vertical must be near the ground, but must not touch it. The ground connection should be a pipe or copper rod driven six feet or more into the earth, or a ground radial system comprised of four or more quarter wave conductors buried 2 inches below the surface of the earth. A coax of 50 or 75 ohms is used as the lead in with the center wire attached to the antenna and the braid connected to ground.

When a dipole is erected vertically, it assumes the same characteristics as the vertical antenna, including its susceptibility to noise. The 30 foot rule applies also to the vertical dipole, however, it will perform at its greatest efficiency when cut to a corresponding wavelength.

The Inverted Vee Dipole may be the best of all basic receiving antennas. It has a near omnidirectional sensitivity with a figure 8 pattern broadside and exceptional pickup off the ends. It displays more sensitivity to low angle incoming waves than any other antenna depicted herein except the vertical, and unlike the vertical its noise pickup is minimal. However, it is often inferior to a horizontal antenna in the reception of short and medium distance signals.



Basically the Vee is only a dipole with the legs slanted to form an up side down vee. This has the advantage of requiring only a single high support and less horizontal space. Although essentially a dipole, slanting the legs causes a slight electrical change and the length of the vee must be increased somewhat from that of the dipole frequency - that is, cut the length to a lower band point to achieve the desired frequency. (the dipole formula applies) For instance: if a band center of 9.6 MHz is desired, cut the length to 9.5 MHz. The lead-in should be of 50 to 75 ohm coax and is connected across the apex. The angle of the apex is not critical for reception purposes, but 90° is ideal.

SOME CLOSING REMARKS

1. All of these antennas can be constructed with only wire, insulators, and soldering. As a general rule, some slack is advisable to avoid blow-downs in windy areas. Erection of antennas is a matter of individual consideration and usually only some ingenuity is needed.

2. All the wire antennas described herein should be erected as high as possible, at least 30 feet above the ground, except for the vertical which must be near the ground.

3. Place the antenna at right angles to power lines. (this is one reason why the vertical is noisier than horizontal antennas)

4. To coax or not to coax? This question comes up from time to time for many beginners near or read that coax reduces noise, which it does, however it cannot receive signals efficiently when used with antennas that require the lead-in to be part of the antenna, such as the long wire and the tee.

QSL

QSLs, DXING AND THE INTERNATIONAL BROADCASTER

by Pieter Martins, DX Editor of Radio RSA

Certain broadcasting stations claim that DXers are so involved in QSL collecting, that they only copy enough programme content for compiling their reception reports in an effort to obtain QSL cards. What the broadcasters want are comments and criticism regarding the station's programmes. The impression that is created by some broadcasting stations is that DXers are not highly thought of due to their lack of interest in programme content.

Well naturally, broadcasting in many ways may be considered a one-way communication medium if listeners do not respond by writing letters which include comments and criticism regarding the station's programmes. It is therefore only natural for programme staff of international broadcasting stations to complain about the lack of interest on the part of DXers.

Some radio stations speculate that the cost and airmailing of QSL cards are phenomenal and that with inflation in the western world, these stations can no longer afford the cost involved in airmailing QSL cards to DXers.

But let's set the record straight, for it does not matter whether the DXer is interested in the station's programme content or whether he likes or dislikes the station's programmes, what does matter is that "DXers are the ones who keep shortwave radio alive by taking the time and trouble to mail reception reports to broadcasting stations." Let's take a closer look at this aspect of shortwave broadcasting.

Unlike FM and mediumwave domestic service broadcasting, long distance shortwave broadcasting is entirely dependent on ionospheric conditions as the radiowaves have to be bounced from the ionosphere. In other words, if the incorrect frequencies were used, or if interference is severe, long distance broadcasts will not be heard in their intended listening areas.

Despite all modern technology used by broadcasting stations to predict the best usable frequencies as well as the good work performed by the International Frequency Registration Board in attempting to avoid frequency clashes in the shortwave bands, poor reception conditions and interference will always be present. It is thus obvious that all broadcasting stations must have a system of knowing how well its broadcasts are being received.

If there is no feedback in the form of reception reports in one of the many SINPO reporting codes, or descriptive letters giving reception details, the station will not know if its programmes are being received favourably. Bear in mind, that if the broadcasting stations' programmes are not received successfully, all the expense involved in running transmitters, studio, and in compiling programmes would be futile.

How do broadcasting stations know that their programmes are being received favourably? Well, there are a number of ways.

Firstly, the broadcasting station could rely on reception reports received from international monitoring stations such as the BBC's Caversham Park. There are some broadcasting stations who maintain monitoring stations for this purpose. Reception information in the SINPO code and information concerning channel availability is exchanged between such stations. These stations however, use sophisticated receiving equipment. Moreover, the number of monitoring stations are limited. It should thus be obvious that it would not be wise for broadcasting stations to rely entirely on reception reports received from international monitoring stations.

Secondly, the broadcasting stations may have receivers installed in all of its country's embassies in foreign countries. Reception reports obtained in this manner however, could be costly and the reports will be limited to the city or cities in which the country has embassies.

Thirdly, the broadcasting station could use a paid monitor and have say, one or two very loyal monitors in each of its listening areas who are in one or other way, reimbursed for their monitoring efforts. This may seem a very good and economical way of obtaining reception reports, but here too, the reception reports are limited to the location of the paid monitors. This does not provide the station with an overall picture of reception conditions in the station's target area. Furthermore, it is not always good policy to rely on one or two paid monitors in a particular target area. If false readings were obtained due to human error, or malfunction of receiving equipment, the broadcasting station would have no means of cross checking and it may be necessary to send a representative to the particular target area, to verify reception conditions, which could be costly.

Finally, the station could, as we do here at Radio RSA, rely on its listeners to report on reception conditions. Let's be honest, who better is there than the station's own listeners and DXer friends to report on reception. After all, the programmes are designed and intended for you, the listener and DXer. So it is only natural that your reports, whether requesting QSLs or not, are the most valuable. The least that we or any international broadcasting station could do, is to acknowledge receipt by means of a QSL card if requested.

In my opinion, DXers and DX clubs play a vital role in international broadcasting. Generally speaking, DXers are technically inclined and they have a good knowledge of the SINPO reception reporting code which is a great timesaver in analysing reception reports. Probably the most valuable aspect of the relationship between DXers and international broadcasting stations, is that DXers will take the time and trouble to inform broadcasting stations of actual reception quality, as it forms part of their hobby, while the average listener, generally speaking, will not take the time and trouble to write.

This article has probably left you with food for thought, so let's have your views and opinions. The address is, Pieter Martins, DX Corner, Radio RSA, P. O. Box 4559, Johannesburg 2000, Republic of South Africa. 73's and good DXing.

English to NA

ENGLISH LANGUAGE BROADCASTS TO NORTH AMERICA

For the period 02 Sept. to 03 Nov. 1979

Compiled 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, 15150
7:00-9:00am	1100-1300	Melbourne, Australia	9580
7:00-9:30am	1100-1330	London, England	9510c, 11775w, 15070, 21710
7:05-8:45am	1105-1245	TWR, Bonaire, NWI	15255
8:00-8:30am	1200-1230	Jerusalem, Israel	11655, 17685, 21675, 25640
8:00-8:55am	1200-1255	Peking, China	15520
8:00-12:00n	1200-1600	HCJB, Quito, Ecuador	11740, 15155, 17890 (from 1230)
8:15-8:30am	1215-1230	Athens, Greece	15125, 17710
8:30-9:00am	1230-1300	Vienna, Austria	17860
9:00-9:30am	1300-1330	Helsinki, Finland	15400 (Sun. to 1425)
9:15-9:45am	1315-1345	Berne, Switzerland	21570, 21545 ssb
9:30-12:00n	1330-1600	Moscow, USSR	11840h, 15135 (to 1500)
10:00-10:30am	1400-1430	Stockholm, Sweden	21615
10:00-10:30am	1400-1430 Su	Oslo, Norway	15175
10:30-11:00am	1430-1500	Helsinki, Finland	15400, 21475

AFTERNOON

12:00-1:15pm	1600-1715	London, England (Sa/Su)	1500-1745 GMT) 11775c, 17830c
12:00-6:00pm	1600-2200	Moscow, USSR	11840h, 15525 (to 2100)
12:00-12:30pm	1600-1630 Su	Oslo, Norway	15175, 17795
4:00-4:30pm	2000-2030	Jerusalem, Israel	11655, 15415, 17645

EVENING

5:30-7:00pm	2130-2300	Ankara, Turkey	9515, 11955
6:00-6:30pm Su	2200-2230	Oslo, Norway	9550, 11870
6:00-7:00pm	2200-2300	London, England	6120c, 9590c, 15260a, 15420
		Moscow, USSR	9530, 11750, 11770, 11960
6:30-7:00pm	2230-2300	Jerusalem, Israel	9815, 11655, 11985, 15300, 17815.
7:00-7:30pm	2300-2330	Stockholm, Sweden	11705, 15275
		Vilnius, Lith.SSR	11735, 11790, 12060
7:00-8:30pm	2300-0030	London, England	6120c, 6175w, 7325, 9590c, 11910, 15260a, 15420
7:00-9:00pm M-F	2300-0100	Montreal, Canada	5960, 9755
7:00-9:30pm	2300-0130	Moscow, USSR*	9530, 9720, 11750, 11770, 11780, 11960, 12030
7:45-8:45pm	2345-0045	Tokyo, Japan	15270, 17825
8:00-8:30pm	0000-0030	Santiago, Chile	75140
		Tirana, Albania	7065, 9747
8:00-8:30pm Su	0000-0030 Mo	Oslo, Norway	9605
8:00-9:00pm	0000-0100	Peking, China	15115, 17680, 17855
		Sofia, Bulgaria	15330
8:05-10:05pm	0005-0205	Madrid, Spain	9630, 11880
8:15-8:30pm	0015-0030	Athens, Greece	9515, 9655, 11730
8:15-9:00pm	0015-0100	Brussels, Belgium	11715, 15175
8:30-9:00pm	0030-0100	Kiev, Ukrainian SSR	9800, 11735, 12060
		Stockholm, Sweden	11905
8:30-11:00pm	0030-0300	HCB, Quito, Ecuador	9745, 11915
8:30-11:30pm	0030-0330	London, England	5975, 6120c, 6175w, 7325, 11910, 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	Montreal, Canada	5960, 9615
9:00-9:45pm	0100-0145	Berlin, DDR	9730, 11970
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
9:30-9:50pm	0130-0150	Cologne, Germany	6040w, 6085, 6100m, 6145, 9545w, 9565
			9605, 11865m
9:30-10:00pm	0130-0200	Santiago, Chile	15140
		Tirana, Albania	7120, 9747
		Vienna, Austria	5945, 9770
9:30-10:30pm	0130-0230	Bucharest, Romania	5990, 9750, 11940
9:30pm-12:00am	0130-0400	Moscow, USSR	9530, 9685, 9700, 9720, 11750, 11770, 11960
9:45-10:15pm	0145-0215	Berne, Switzerland	6135, 9725, 11715, 15305, 15130 ssb.
10:00-10:30pm	0200-0230	Budapest, Hungary (not Su)	9585, 9833, 11910, 15225, 17710
		Montreal, Canada	5960, 9615
		Warsaw, Poland	6095, 9525, 11815, 15120
10:00-10:30pm Su	0200-0230 Mo	Oslo, Norway	9590, 11870
10:00-10:50pm	0200-0250	Johannesburg, S. Africa	9585, 9610, 11900, 15220
10:00-11:30pm	0200-0330	Cairo, Egypt	9475, 12050
10:15-10:30pm	0215-0230	Athens, Greece	9515, 9655, 11730
10:30-11:00pm	0230-0300	Beirut, Lebanon	15285
		Santiago, Chile	15140
		Stockholm, Sweden	9695, 11705
		Tirana, Albania	7120, 9747
10:30-11:15pm	0230-0315	Berlin, DDR	9730, 11970
10:30-11:25pm	0230-0325	Hilversum, Holland	6165b, 9590b
11:00-11:30pm	0300-0330	Budapest, Hungary	6105, 9585, 9833, 11910, 15225
		Kiev, Ukrainian SSR	9610, 9655, 9800, 11735
		Lisbon, Portugal	6025, 11935
		Montreal, Canada	5960, 9535, 9560, 11845
		Warsaw, Poland	6095, 9720, 9525, 11815, 15120
11:00pm-12:00am	0300-0400	Baghdad, Iraq	11926
		Brasilia, Brazil	15290

11:00pm-12:00am	0300-0400	Buenos Aires, Argentina	9690 (Mon-Fri EDT)
		Prague, Czechslovakia	5930, 7345, 9540, 11990
11:00pm-1:00am	0300-0500	HCJB, Quito, Ecuador	9745, 11915
11:30pm-12:00am	0330-0400	Helsinki, Finland	9675
		Tirana, Albania	6200, 7300
		Vienna, Austria	5945, 9770
11:30pm-12:30am	0330-0430	London, England	5975, 6175w, 11910
11:30pm-2:00am	0330-0600	Havana, Cuba	11760
12:00-12:30am	0400-0430	Bucharest, Romania	5990, 9570, 11940
		Montreal, Canada	5960, 9535, 9560, 11845
		Santiago, Chile	15140
12:00-12:30am Su	0400-0430 Mo	Oslo, Norway	11870, 11895
12:30-1:00am	0430-0500	Sofia, Bulgaria	11750
1:00-1:15am	0500-0515	Jerusalem, Israel	11655, 15105, 15485, 17815

TO WESTERN NORTH AMERICA

MORNING

PDT	GMT	STATION	FREQUENCY (KHz)
6:30-9:15am	1330-1615	London, England	11750, 15070, 15400a (from 1430)
7:00-7:30am	1400-1430	Tokyo, Japan	9505, (also at 1500, 1600, 1700, 1800)
8:00-11:00am	1500-1800	Moscow, USSR (via Khab.)	9710, 9750 (to 1700), 11720
8:15-8:30am	1515-1530	Athens, Greece	15125, 17710
9:00-9:30am	1600-1630	Seoul, Korea	9720, 11830
9:00-9:30am Su	1600-1630 Su	Oslo, Norway	15175, 17795
11:00-11:30am	1800-1830	Seoul, Korea	11830

AFTERNOON

12:00-12:15pm	1900-1915	Tokyo, Japan	15270 (also at 2000, 2100)
2:00-4:00pm	2100-2300	Moscow, USSR (via Khab.)	15425, 17760 (from 2200), 21565
2:40-3:40pm	2140-2240	Taipei, Taiwan	9685, 11745, 17890
3:00-3:15pm	2200-2215	Tokyo, Japan	17755 (also at 2300, 0000)
4:00-4:30pm	2300-2330	Seoul, Korea	11820, 15570
		Stockholm, Sweden	11705, 15275
		Vilnius, Lith. SSR (via Khab.)	15180, 17845, 17870

EVENING

4:00-8:30pm	2300-0330	London, England	9580a, 11910, 15420 (to 0030)
4:00-8:00pm	2300-0300	Moscow, USSR (via Khab.)	12050, 15425, 17700, 17760, 21565
5:05-7:05pm	0005-0205	Madrid, Spain	9630, 11880
5:30-6:00pm	0030-0100	Kiev, Ukr.SSR (Via Khab.)	15180, 17845, 17870
		Stockholm, Sweden	11905
5:30-10:00pm	0030-0500	HCJB, Quito, Ecuador	9745, 11915
6:00-6:15pm	0100-0115	Tokyo, Japan	17755 (also at 0200, 0300, 0400)
6:00-6:30pm	0100-0130	Montreal, Canada	5960, 9615
6:00-7:00pm	0100-0200	Taipei, Taiwan	15270, 15345, 17890
6:00-8:00pm	0100-0300	Peking, China	17680, 17855
6:30-7:00pm	0130-0200	Santiago, Chile	15140
6:30-7:30pm	0130-0230	Tokyo, Japan	15270, 17725, 17825, 21640
7:00-7:30pm	0200-0230	Budapest, Hungary (not Su)	9585, 9833, 11910, 15225, 17710
		Montreal, Canada	5960, 9615
7:00-7:30pm Su	0200-0230 Mo	Oslo, Norway	9590, 11860, 11870
7:00-7:50pm	0200-0250	Johannesburg, S. Africa	9585, 9610, 11900, 15220
7:00-8:30pm	0200-0330	Cairo, Egypt	9475, 12050
7:15-7:30pm	0215-0230	Athens, Greece	9515, 9655, 11730
7:30-8:00pm	0230-0300	Santiago, Chile	15140
		Stockholm, Sweden	9695, 11705
8:00-8:30pm	0300-0330	Budapest, Hungary	9585, 9833, 11910, 15225, 17710
		Kiev, Ukr. SSR (Via Khab.)	12000, 15180, 17760, 17870
		Lisbon, Portugal	6025, 11935
8:00-8:50pm	0300-0350	Taipei, Taiwan	15345, 17890
8:00-9:00pm	0300-0400	Brasilia, Brazil	15290

8:00-9:00pm	0300-0400	Moscow, USSR (via Khab.)	*9710, *11720, 12050, 17700 (* from 033
8:00-10:00pm	0300-0500	Peking, China	11685, 12055, 15300, 17680
8:30-9:00pm	0330-0400	Helsinki, Finland	9675
8:30-9:15pm	0330-0415	Berlin, DDR	11840, 11890, 11970
8:30-9:30pm	0330-0430	London, England	5875, 6175w, 11910
8:30-11:00pm	0330-0600	Havana, Cuba	11760
9:00-9:30pm	0400-0430	Bucharest, Romania	5990,9570, 11940
		Santiago, Chile	15140
9:00-9:30pm Su	0400-0430 Mo	Oslo, Norway	9550, 11870, 11895
9:00-9:45pm	0400-0445	Seoul, Korea	11820, 15570
9:00-10:30pm	0400-0530	Moscow, USSR (via Khab.)	9710, 9735, 11720, 12000, 12030, 15180, 17760
9:30-10:00pm	0430-0500	Berne, Switzerland	9725, 11715, 15305 ssb
		Sofia, Bulgaria	11750
		Vienna, Austria	15260
9:30pm-12:30am	0430-0730	London, England	6175w, 9510w
10:00-10:15pm	0500-0515	Jerusalem, Israel	11655, 15105, 15845
		Tokyo, Japan	15270 (also 0600, 0700)
10:00-10:30pm	0500-0530	Lisbon, Portugal	6025, 11935
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
10:30pm-1:00am	0530-0800	Moscow, USSR (via Khab.)	9710, 9735, 11720, 11755, 12000, 12030
11:00-11:30pm Su	0600-0630 Mo	Oslo, Norway	9645
11:00pm-12:00m	0600-0700	Buenos Aires, Argentina	9690 (M-F PDT)
11:30pm-1:00am	0630-0800	Havana, Cuba	9525
1:00-1:15am	0800-0815	Tokyo, Japan	9505 (and hourly to 1300)

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

HELPING HAND - Your Editor is offering for sale his trusty Drake SPR-4. It has a complete set of crystals to cover continuously up to 6.5 MHz and all higher SWBC and ham bands. It was recently peaked up at the Drake factory. A fine receiver shipped to you for \$500. Please write or call(at your expense) Jerry A. Lineback, P. O. Box 325, St. Joseph. Illinois 61873 (phone 217-469-2583 after 2300 GMT)

THANKS to all our contributors this month. We appreciate your taking the time to share your knowledge with our readers. 73s till next time-JAL

Wake?

IS SHORTWAVE DYING?

by Al Sizer, New Haven, CT

Occasionally I have heard a gloomy prognosis of shortwave radio, especially when a country has given up SW broadcasting. Is it justified? Let's look at the record.

In the past decade the following countries have ceased SW broadcasting: Panama, Turks and Caicos Islands, Swan Island, Martinique, Gambia, Reunion, Azores, Spanish Sahara, Fuji, Tarawa, Ryukyus, and Brunei (reported, but not confirmed yet). That's a total of 12 countries.

In the same decade the following countries have begun broadcasting on SW: Galapagos, Surinam, Netherland Antilles, Antigua, Montserrat, Swaziland, Lesotho, Antarctica, Bhutan, New Ireland, Admiralty, Bouganville, Guam, Seychelles, Malta, Oman, Union of Arab Emirates, Qatar, Scotland, Ireland, and Channel Islands (the last three via pirate operations).

That's a total of 21 countries, 9 more than have left SW. In addition, there is a good possibility that Northern Mariannas, through a projected FEBC installation on Saipan, and Namibia will start SW stations soon.

The lesson is obvious--not to worry about shortwave broadcasting at the moment, It is doing very nicely, thank you.

PROPAGATION

A Laymen's Explanation

By David Jacob Snyder

President of Brooklyn DX Club
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This is an article which explains some of the terms used in Propagation and how a signal gets from the radio station to your receiver.

PROPAGATION - Radio Wave Propagation is the study of how, when, where, and why a radio signal travels from one point on Earth to another. The route or path which a radio wave takes from transmitter to receiver is called a circuit. Lets look at what controls the signals' travel from point to point.

When a radio signal travels up from the transmitting antenna, it enters a portion of the Earth's Atmosphere called the Ionosphere. The Ionosphere consists of ionized gases which were formed by solar radiation and extends from 50 KM - 500 KM (1 Mile = 1.609 KM). Ionization is the process whereby solar radiation bombards the various gases in the atmosphere (N, H, O₂, H₂) causing an electron (or electrons) to be lost by the gases, leaving the gases positively charged (minus one negative electron). These electrons conduct the radio signals through the ionosphere.

The Ionosphere consists of "Layers", or regions with almost constant electrons density. (The number of electrons within a given space is called density).

The "D-Layer" : 50-90 KM - This layer which is the closest to the Earth is the most dense of all the layers. This layer exists only during daylight hours and is responsible for nearly all the absorption of radio waves that occurs.

The "E-Layer" : 90-130 KM - The "E-Layer" reflects some signals back to the Earth and absorbs part of the energy from the signals during daylight hours. Absorbttion is the decrease of the radio wave energy in the interaction between ionospheric electrons and the radio wave. Reflection is the process where a radio wave changes direction, it is a gradual change consisting of several repeated small direction changes.

The "F1 - Layer" : Is present during daylight hours at 250 KM during the winter and 300 KM during summer. At night this layer merges with the F2 layer to become the F layer.

The "F2 - Layer" : Is found at 400 KM during the summer day, 300 KM during the winter day, and at night the combined F layer is 320 KM for both winter and summer. Most absorption or reflection takes place in this layer.

The "Es or Sporadic E Layer" : This layer which appears at noon and at summer is responsible for some of the strangest and rarest propagation ever.

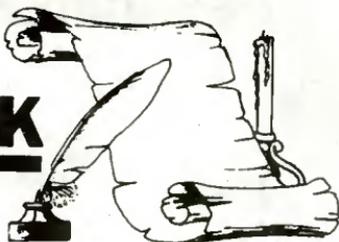
The sun in addition to transmitting visible light also emits ultra violet, infra red, X rays, protons, and electrons. Solar activity, the energy released and particles emitted by the sun, has a cycle. This cycle, called the solar cycle occurs on the average every 11 years. Solar activity also has a shorter variation of on the average 27 days.

There are two indices (measurements) associated with the sun and its solar cycle. They are 1) The Solar Flux Index - which is a measurement of the amount of energy radiated by the sun on 2800 MHz (10.7 CM). 2) The Sunspot number - The Wolf or Zurich Sunspot number is the number of observed individual spots added to the number of spot groups multiplied by 10. A sunspot is a cooler region of the solar (sun's) surface. Sunspots are magnetically active and most solar activity causing effects in the ionosphere come from these regions.

Next month's column will again be a return to Propagation Predictions. Hopefully this article will help explain some of the numbers and ideas used in the predictions.

Listeners NOTEBOOK

GLENN HAUSER
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ENGLISH SCHEDULES ALGERIA (Cf Aug LN-6) R. Algiers EG at 2000-2030 is also hrd on 9610, better than 11633, but playing disco garbage (Jim Conrad, IA, 6/9) EG at 2000-2030 to Eu/NAF/ME is on 11633 7245 7195 1304 251 kHz (WBI) 11810 too? (gh)

ANDORRA Beginning 2/9, R. Andorra will carry Scandinavian and EG langs on first Sun of month 2100-2145, produced by R. Skandinavia, on 6215 (Roy Sandgren, Sweden, SCDX 28/8) AWR now has an EG pgm on R. Andorra, at 2000-2030; reports go to their Lisbon address (SCDX 19/9) 8/29)

AUSTRALIA R. Australia EG changes for S79: to As/PNG at 1100-1300 & 1400-1730, 21660 ex-11880; 1130-1300 & 1400-1730 17795 ex-9570 (Keith Glover, RA Club Forum 1/9) There go two secondary fqs reaching NAM after 1400; however, I've hrd 17795, interesting propagation! These are late changes; may not be in all the skeds. 15320 to Pac/NAM no longer available after 0600. No major changes affecting NAM are shown in the tentative D79 sked (gh)

AUSTRIA ORF S79 sked shows no changes affecting NAM for S79 compared to J79; cf Jun LN-1(gh)

BELGIUM BRT seasonally retimes its 1610-1655 EG as of 30/9 to 1705-1750 due to local reversion to standard time until 5/4/80; fqs now 17740 Eaf, 6010 SEU. Repeat at 0015-0100 remains at same time and fqs 11715 NAM, 15175 SAM, until 4/11 when D79 fqs will return to 6080 NAM and 9685 SAM, which both proved to be losers in past winters; however for M80, as from 2/3, resumption of 11715 & 15175 is planned (gh)

CAMBODIA (Cf Sept LN-15) VOKP ES resumed normal pgms 20/8 (WBI 23/8) i.e. 1200-1215 9695 (gh)

CANADA Effective 29/10, the CBC NS sked will be: 0000-0607 on 6195 9625; 1128-1400 on 6195 9625; 1400-2400 on 9625 11720 (World Radio-TV Handbook Newsletter = NL) Not all EG, of course; the GMT s/on/off and fq/change times shift due to resumption of std time--but note that 6195 in the mornings; BBC has been there.... (gh)

CHINA NL carries 'latest monitored sked' of R. Peking, effective until 3rd week of Oct, source not stated but perhaps WBI; however the 1200 listing is completely wrong, throwing into question the rest, so I will not reproduce it here (gh). CUBA LN-5

CHILE (no, this is not out of order; in Spanish CH is a letter following CZ -gh) LVCH announced these times for EG 7/9: 0000, 0130, 0230, 0330, 0430, 1100, 1230, 1330, 1700, 1800, 1930, 2100, 2200 (Bob Underdown, AR) Same 17/9, hrd in eves on 15138v, nom. 15140 (Ralif F. Munster, GA) I tend to boycott listing LVCH in PE, etc, due to their frequent time changes without advance notice (gh) LVCH has a new sked since Jun, incl EG 2230 17800; 0000 15140 & 17800; 0130 17800; 0230 11765 17800; 0530 11765 (LVCH via BADXC Actualidad DX 8/79) See what I mean? (gh)

ECUADOR HCJB S79 no changes to NAM, except alternative pgm 0030-0200 on 15115 ex-15265, the jamming on 15115 being a problem only in the J season. The frequently-changing Eu svc started S79: 0700-0830 11835 15245. 1700-1800 21480 17825. 1900-2000 21480 17890 15225. 2130-2200 21480 17890 15225 (HCJB; DX Party Line 25/8) Sin embargo, I've hrd on 17895 (gh)

EGYPT (Cf Sept LN-2) I can confirm that V. of Africa is on 15255 at 1630-1830 & 15375 2030-2200 (Miki Wclaf, Pretoria, South Africa, QTH Africa 21/8)

FALKLAND ISLANDS FIBS present sked is 5 kW on 2370 at 2730-0200 Mon-Sat; 2200-0100 Sun; also with 5 kW on MW 536 kHz (John Macaskill, Port Stanley, via Arthur T. Cushen, RNZ 6/9) cf LN-7

GREECE VOG noted 6/9 moved down to 9650 ex-9655, at 0325, escaping Kiev (Jay Novello, NY) Confirmed here, from 0200, including EG 0215-0230 (gh)

GUAM KSWR S79 change is 1430-1500 on 11730 and 15345 (NL)

ISRAEL KI tentative D79, main freqs: 0500-0515 E&CNA/Eu 9835 11655 15105 15300; WNA 9835 preferred; As 21500; ANZ 11655 15105 21500. Eu 11960 15415 15400 15425 21625 17685. 1200-1230 ENA 21675 25640 17685 17565; Eu 25640 21675 17685 21495 15425 15400 11655; As/ANZ on 17565=may be changed to 15+ MHz. 2000-2030 ENA/Eu 11655? 9815 7412 $\frac{1}{2}$; Eu 11960 15425 15400; W&C&S&F 9009 17685; WAF 9425. 2230-2300 NA/Eu 15300 11985 11655 9815 7412 $\frac{1}{2}$; Eu 15400 11960; C&E&S&F 17685 (Larry Magne, PA) D79 = starting 4/11, for 4-month period

JAPAN R. Japan S79 changes: ME 2015-2045 11815 ex-9700; Eu 0800-0830 17855 ex-17710; 1830-1900 15135 ex-15420; SAs/Af 1630-1700 15325 ex-9670. GS: 9585 ex-17810 at 0100-0515; 9585 ex-15310 at 2200-2415 (Bob Bodell, Aug. SPEEDXGRAM)

KOREA NORTH V. of Revolutionary Party for Reunification, pro-communist, believed to be in N. Korea, continues with EG to S. Korea at 1400-1430 on 4557 4120 1053; 2230-2300 on 4557 and 1053 (WBI 8/79) Makes it to WNA at 1400, you lucky people! (gh)

KOREA SOUTH (Cf Sept LN-2) Further clarifications/contradictions to the R. Korea EG skeds: (gh) 0230-0315 LA 15350. 0400-0445 GS/NA/Eu add 9525. 0730-0800 GS/Eu add 15350. (WBI 8/79) Also tnx to (Bill Matthews, OH) for a 23/8 and'd sked matching Sept LN info.

KUWAIT R. Kuwait has moved 1800-2100 from 11690 to new 15080, very well hrd (Franz S&ss, LugoJ, Romania, SCDX 28/8) Not when I checked the following few days, not even a carrier on 15080, but EG buried under Libya on 11690 (gh) I've noted it on 15080, not 11690 (Steve Webster, RCI DX Digest, 9/9) 0500-0800 on 21545 ex-21685 (Shekhar Dnyandeo Bhole, Nagpur India; Luigi Bosotto, Angered, Sweden, SCDX 28/8)

LIBERIA LN-

MONACO S79 TWR is on 9500, 0625-0800 (Sun 1000) & 0930-1000 Mon-Thu (Bob Padula, Sept ADXN) Check, noted here to 0754* already on 14/8 (gh) 2/9 on 9495, 0638-0700, moved again (Ralf F. Munster, GA) Check, 20/9 *0625, great sig & nice IS, but they can keep gospel garbage (gh)

MONGOLIA Ulan Bator to FE at 1220, announced as 9575 and 12070, hrd on 9553 (Leigh Morris, NZ DX Times 8/79, undated logging)

MOZAMBIQUE New sked for R. Mozambique FS in EG: 1800-1830/1845 on 3265 4855. The 1800-1810 portion is also on the "C" pgm 1079 kHz + FM (Richard Ginbey, South Africa, NL)

NETHERLANDS ANTILLES (Cf Aug LN-2) TWR 1100- to NAM still on 15255, not sked 15225; however 15225 again appears in the tent. D79 & M80 skeds, so either a very persistent typo, or they are still thinking about moving there (gh)

NORWAY R. Norway tent. D79 (N.B.: final skeds often bear little resemblance to tents here) EG Sun + GMT Mon: 0800 21730 11850 9590. 1200 21730 15345 6015. 1400 21730 17840 9595. 1600 21730 21655 15345 15175. 1800 15345 15175 11935 11895. 2000 11935 11850 9590. 2200 15175 11850 9590. 0000 11870 9590 6005. 0200 11870 9590 6005. 0400 11850 9610 9550 9565. 0600 15175 11850 9645. To NAM underlined. R. Norway not only changes freqs, but target area for seasonal optima (gh)

OMAN R. Oman, 11890 now used continuously; EG noted 0900-1000, Arabic from 1000 (Victor Goon etilleke, Sri Lanka, R. Australia Japanese DX Time 9/9) Ex-EG 0900-1100 (gh) more LN-5

PAKISTAN PBC sked effective 1/9 includes slow EG news at 0230-0245 SEAs 17830 21590; 1100-1115 WEU 21655 17662; 1600-1615 ME 17910 21485 21755; EAF 17665 21545 (via Bill Matthews, OH) 0230 on 17880; 1600 on 21450, not 21545; EG pgm at 1700-1730 on 11675 15470 (Jean-Louis Klesse, France, SCDX 4/9) 0230 very good signal but low modulation hrd on 17640 (Jim Conrad, IA, 6/9) Only on 17830 when I check; at 1600, 21486 hets VOA; 21755 clear but weak (gh)

PHILIPPINES R. Veritas Asia (cf Aug LN-16) S79 sked not to hand, but D79 is identical to revised J79 except 17790 becomes 17775 (NL) At 0030-0100 & 0300-0330 (gh) FEBC S79 sked not received, but EG monitored as of 11/8 as follows: 2300-2400 11890 15450 21515. 0000-0100 on 11890 17810 21515. 0100-0200 15390 17810 21515. 0200-0500 15305 17810 21515. 0800-1000 on 11765. 1245-1600 15440 (S. Aoki, NDXC, via NL) On new 11850 ex-11765, *0830 3/9 (Bob Padula in Victoria) This xmsn makes it to NAM if freq clear (gh) "Broadcast Service of the Philippines News Agency" via FEBC now has regular pgms Mon-Fri 0230-0300 15450; 0830-0900 9715 (S. Aoki, NDXC, via NL) PBS has reactivated 6170, in EG at 1000-1200; had not been used for many months (Peter Bunn, R. Australia Club Forum 22/9) Cf Sept. LN-1; VOP confirmed around 1000 but as before off-freq around 9579, hetting Korea; 1357 xmsn not audible here, and 11950 hrd at neither time (gh)

SOUTH AFRICA R. RSA S79: 0200 NA & Canada (sic--they still haven't figured out that NA is mostly Canada, with a few other countries thrown in) *15220 *11900 9585 7270 5980. 0600 WAF 25790 *21535 17780. 1100 C&EAF/Eu 25790 *21535 15220 (not Sun). 1300 C&EAF/Eu/ME 25790 *21535 15220. 2100 WAF/Eu *21535 17780 *15155. * = 500 kW xmtrs; others 250. Many of these xmsns are also well-hrd in NAM (and Canada!) Tentative D79: 0200 17780 *15220 15155 11900. 0300 17780 *15220 11900 *9585 7270. 0600 25790 *21535 17780. 1100 same as S79, 1300 too, as well as 2100. SABC English Service S79: to SW Africa 0358 (Sat 0430, Sun 0500)-0615 & 1625-close down on 4835; 0620-1620 on 11790. R. South Africa (the bilingual all-night service) 0000-0500 on 3250, whilst Radio Five is on 3250 0300-0545 & 1535-2200, and on 9680 at 0550-1530 (Radio RSA)

SYRIA! and SPAIN LN-14

SWAZILAND TWR S79: 0430-0630 5055 9640. 0645-0835 9640 11910. 1200-1415 9640. 1530-1545 Mon only 11920. 1630-1800 15410. 1800-1920 7260 (Miki V&elaF, RSA, QTH Africa 21/8) Agree,

except 1800-1930 is on 7195 ex-7215 (Richard Ginbey, RN DX Juke Box 13/9) The 1530 is on 11840 (NL) Should be testing 100 kW this month on EG/Swahili (")

Swazi Commercial R. in EG + other langs: 3223 0250 (Sat 0230, Sun 0330)-0500 & 1800-2200 (Fri/Sat 2300). 4980 0400-0500 & 1600-1830. 6155 0500-1700 (Ginbey, RNDXJB 13/9)

TANZANIA R. Tanzania: Eaf 0300-0430 1025 5050; 0930-1030 (Sat/Sun 1530) 1025 9750; 1600-1845 1025 4785 15435. C&SAF 0430-0530, 1830-1945 on 15435 (NL)

UKOGBANI Despite all its published skeds, including Oct London Calling, BBC for S79 has not resumed Antigua 11775 thruout 1100-1330, but remains with 1130-1300 gap, forcing us to try 11 & 13m during that block; perhaps threatened budget cut is responsible (gh)

UKRAINISTAN (what's good enough for the Uzbeks should be good enough for the Ukrainians...)
R. Kiev still using 9800 into S79, 0030 & 0300, despite sked (gh)

URUGUAY SODRE English hrd for a couple of weeks at 2335, also ending at 2335; announced fqs 9515 and 11885 (Clarence E. Maise, Jr., MA, Sept. SPEEDX) Hrd where? Short pgm! (gh)

U S A AFRTS-W S79: Eu from Greenville: 6030 0200-0700, 9585 0900-1100, 15430 1100-1800, 11790 1800-0200, all 32°. Af from Bethany 74° exc 15330 87°: 11790 0000-0700, 9575 0900-1100, 15330 1100-1600, 15430 1600-2400. Carib/Antarctica from Bethany 9755 0100-0700, 15330 1100-0100 both 168° and from Greenville 6030 0900-1100 174°. Pac/EFF from Delano: 15330 0430-0700 & 9700 0900-1600 311°. 11805 0900-1800, 21570 1800-0430, 25620 2200-0200 all 306°; and on 17765 1600-2200 296/306°. Ind Oc from Poro Pt, Philippines 21670 0100-1900 260°, 1900-0100 264/290° (via Charles A. Wootten, Naples, Italy) 25620 started out, but later shifted to 25615, god knows why--to take advantage of lower MUFs? hi (gh) sked also via (Serenberg) VOA S79 complete EG sked: Eu: 0300-0700 3980 5955 5995 6040 6060 7200 9770 15245; also or 792 0400-0430 & 0500-0700; 1197 0300-0400 & 0430-0500 & 0600-0700; 7325 0600-0700, 15195 0400-0600; 1700-2200 on 792 (1800-1930), 1197 (to 1730), 1296 (from 2100) and 3980 6040 7170=from 1900, 9760 11760=from 1800, 15140=from 1830, 15195=to 1830, 15195=to 1830, 15205 17785=from 1800, 21590=to 2100. ME: 0300-0630 5955 7200 11845 15205 plus 1260 (exc 0400-0600), 1700-2200 on 1260=from 2100, 6040 9700 9760. NAF: 0500-0700 5995 7295 9670, 1700-2200 1260=from 2100, 6040=from 1930, 15140=from 1830, 15195=to 1830, 17785=from 1800, 21510=to 2100. AF: 0300-0600 6085 7280 9740 11710=to 0530, 11925 15160 15240=to 0530. 0600-0730 3990=from 0500, 6035 6080 6125 6160=Sun, 7280 9530 9740 11915 11925 15330; 1600-2300 3990=from 1830, 6045=from 1800, 6110=to 1800, 7195 9575=to 1800, 15250=from 1900, 15410 15445 17710 17870 21485 21610=to 1900 21660=from 1900 26040. SAS: 0100-0330 7105 11755 11845 15180 15205 17740 21540. 1300-1600 1575=from 1530, 6110 7105 9760 11935 15155 15395=from 1530 15405=to 1530; 1600-1800 7105 9700 15260 15395 17785. NEAs: 2200-0100 11760 15290 17740 17820 21460 26000, 1100-1500 9545 9565 11715 15155 15425=to 1400. SEAs: 2200-0100 9770 11760 15185 17820; 1100-1500 6110 9760 15155 21615 also on 1575 at 1130-1200 & 1230-1300 & 1530-1600. Oc: 2200-2400 15290 17740 26000, 1100-1400 11715 15/25. Lam: 0000-0200 6130 9650 11740 15205 17730 (NL)

U S S R R. Moscow NAM svc, S79: To ENAm 2300-0400: 12030 (to 0100) Moscow (Simferopol'), 11960 Kenga (Novosibirsk), 11780 (to 0300) Tbilisi (Sofia), 11770 Lvov (Vinnitsa), 11750 Lvov (Plovdiv), 9720 Kiev (Nikolayev), 9700 (from 0130 Lvov (Sofia)), 9685 (from 0130 Moscow (Simferopol')), 9530 Moscow (Simferopol). WNA 2300-0400: 21565 (to 0300); first time on 13m, ex-15245, to IJU zones 1 & 2 = Alaska & NWT) Petropavlovsk, 17760 Khabarovsk (ex-15100) (Petropavlovsk), 17700 Petropavlovsk, 15425 (to 0300) Petropavlovsk, 12050 Khabarovsk (Petropavlovsk), 11720 (from 0330) Khabarovsk (Petropavlovsk), 9710 (from 0330) Petropavlovsk. Pacific Coast Service 0400-0800: 17760 (to 0500) Khab (Pet), 15180 (to 0530) Pet, 12030 Pet, 12000 --- (Pet), 11755 (from 0600) Vlad (Pet), 11720 Khab, 9735 Nikolayevsk, 9710 Pet (UHN) Sites in () are believed to be real ones, contrary to those published & QSLed. Look for further massive changes about the 3rd week of Oct, including a re-invasion of the 40m band (gh)

VATICAN Due to VOFC 11745 QRM, VR is now on 11830 to ANZ 2210-2225, also 9615 15120 (Arthur Cushen, RNZ 6/9) Perhaps audible in NAM: 1115-1130 (not Sun) Eaf 21485 17840; 1200-1220 (not Sun) C&SAF 21485 17900 17840; 1500-1515 (not Sun) SAs 17825 15120 11815; 1700-1715 Eaf 17900 15120 11830; 2030-2045 GB&I 9645 7250 6190; 2045-2100 C&SAF 15120 11700 9625; 2115-2130 Waf 15120 11700 9625 (Vat R via WBI 8/79)

OTHER SCHEDULES **ALBANIA** R. Tirana in Std Chinese 0500-0600 & 1100-1200 obs on 16230 & 14320; 1300-1400 traced on 14320 only. R. Tirana last tested 16230 in early May with DS relay 0500-0600 (WBI 30/8)

ALGERIA R. Algiers ES (all channels are subject to constant variation) includes SP 2030-2100 Eu/NAF 11633 7245 7195 1304 251, assumed target areas (WBI 8/79) and 9610? (gh) /more LN-14

ANGOLA I've tried to make a list of all currently active provincial stns; sources include Ginbey on DXJB 13/9, Johansson, SWN; and my own listening (underlined items): 3970 7346v Huila 0445-2300* 4780 Kuando Kubango 0500-2300*. 5033 Cabinda. 5041 6151 Benguela 0500-2300* (het off). 3345 5060 7160 Huambo 0435-0450-2300*. 5100 Moçâmedes -0448, 2300*. 5191 Moxico, Ginbey says 0500, I say 0530, 2300*. 7000 Lobito *0426/2300*. All stations relay Luanda "noticiário" at 0530 & 2200-2215. This format was still valid thru 10/9 when Pres. Neto died. Since 11/9, Lobito, Moçâmedes, possibly Benguela/het are all-night relaying Luanda an pgn of classical mx, praising the late president. Luanda hrd on 3375 4820 7245 9335. Per 12/9 Washington Post, National Mourning to last 45 days, so maybe some ANING until 25/10. How ever, as of 21/9 5100 was again 2300* and 7000 unheard; v. LN-14. Moxico 2315* 13/9 (Bloch, MD)

R. Nacional, Luanda, is no longer on 1367 or 3355. 9660 has a new sked of 0800-1500, but actually heard from *0400. Stns now ID as "Regional" or "Provincial" or both. Em. Prov. do Mxico on 5192 at 0500-2300 (Sun 2100); Em. Reg. Moçâmedes 5100 0525-2300, seems 5 kW. Em. Prov. do Kuando Kubango 4780 ex-4760, 0500-2300, -2200 at times (Richard Ginbey, DXJB 13/9) Cuando Cubango drifts 4760-4745; some days missing; EP da Huila, Lubango, drifting 7345-7380 in an evening; EP do Lobito hrd on 1660 (2 x 830) // 7002 (Ginbey, NL)

ARGENTINA RAE relays of R. Nacional DS on SW: Bs. As. 0900-0400 6060, 1300-1800 15345*

Mendoza 0900-0400 6180 (WBI 9/79 per RAE) Same old ES sked; look for it on 11710 before 2355, 9690 after 0000 during ionospheric storms (gh)

BOLIVIA LN-14

BRAZIL R. Independência, Manaus, ZYF274, on 4935 is another new stn in TB (sic -?? gh), sked is 1000-0200 with 1 kW, no MW outlet; listed as R. Sompur in WRTH (Djacy Frank Silva, Brasil, August SPEEDXGRAM) more, LN-14

CHINA Per its anmts, Guangxi PBS 2nd Pgm's first daily xmsn in Cantonese and Zhuang can be hrd at 2130-2320, on 5010 & 1161 (WBI 23/8) Yunnan PBS, Kunming, anc'd 16/8 its sked as 2150-0600 & 0920-1605 on 4760 2460 990 576; relays R. Peking First Pgm 2230-2300 & 1200-1230. Beihai relay stn gives sked as 2215-2350, 0245-0455, 1015-1500 on 8790 and 1224, but hrd on 8743 only; relays some pgms from Guangxi PBS, Nanning. (WBI 30/8) Hubei PBS pgm preview for Thu 6/9 gave sked as 2100-0610, 0850-1605, including R. Peking First Pgm relays 2230-2300 & 1200-1230, on 3940, 1404, 1179, 774, in Std Chinese from Wuhan. Inner Mongolian PBS, Hohhot obs on 4860 3970 1188 765 and 675: Mon-Sat 2145-0100, 0305-0555; Mon-Fri 0900-1525; Sun 2145-0635; Sat/Sun 0900-1545 (WBI 13/9)

CONGO Brazzaville on SW now 0400-0700 on 3264, 0700-1100 on 7105 9715, 1100-1700 on 7105 9715 15190, 1700-2300 on 3264 15190. EG & PT apparently dropped (R. Ginbey, RSA, NL)

COSTA RICA R. Noticias appears to have left 9615, no doubt due to KGEI QRM, as it was noted on 9490 not only in eves, but closing overnight xmsn at 126 12/9; anc'd TIRLR sked gave 9490 only, and gave disclaimer that its opinions did not necessarily match CR govt's (gh)

CYPRUS Nicosia Fri/Sat/Sun Greek to UK extended from 1' to 30 mins, obs 31/8 on 9695 and 7230 (Bob Padula, Victoria) I think the extension has been in effect several months; starts at 2210 (gh)

DENMARK R. Denmark S79, all on 15165, shows important changes: 0900-0955 SWE/ME 210°. 1100-1150 Greenland/Pac 335°. 1200-1255 FE/Au 60°. 1300-1355 SAs/PG 100°. 1400-1455 EAF/EMED 150°. 1730-1800 Gld/Pac 335°. 1900-1955 USA/Can/Gld 305°. 2000-2055 WAF/WMed 200°. 2100-2155 Eu/ME 200° /that is not the direction of the ME from Denmark! -gh/. 2200-2255 USA/Can/Gld 305°. 2300-2355 Sam 240°. 0000-0055 USA/Can/Gld 305°. Reports are very much wanted along with pleas for resumption of English broadcasts; all these are in Danish (K&ie, DSWCI)

ECUADOR (Cf Sept LN-14) Obs & updates from my recent monitoring: 4766½ CRE *0930/0430*. 4794½ LV de los Carás 0410* Tue-Fri GMT, 0510* Sat/Sun, announcing *.330. 4820 Rdf. Paz y Bien *0920 weekdays, later Suns, announcing 0200*. 4851 R. Luz y Vida *1000, the irregular. 4960 R. Federación, usually 0300*, GMT Mon 0200*. 4980 Ondas Azuayas 0500*. 5060v R. Progreso (not "Sistema de Emisora Progreso" as always in LR-C) generally *1000, sometimes earlier and s/off varies widely, usually between 0400 & 0500 (Pitt McNeil, Washington DC, 11/9)

GABON Moyabi will conduct experimental xmsns from 17/9 to 22/9 as follows: ME 0400-0500 on 11910, 0500-0600 15125, 0600-1200 21525. Ethiopia 0400-0500 9595, 0500-0600 11755, 0600-1200 17895. WAF 0500-0600 9755 & 9595, 0600-1200 15200, 0500-1200 11945. Reports are invited (Pieter Martins, R. RSA DX Corner 8/9) 16/9 on 15200 at 0700 FR, beautiful music, SIO 444; 17/9 11910 0536-0545 EG, Africa Number One, asking for reports, offering prizes, SIO 343, fadeout 0600 (John Findlater, CA) 19/9 0730-0800 EG on 15200 (Ralf Munster, CA) Had checked at 0400 and just before 1200 several days on sked fqs without hearing them, but on 20/9, hrd on unsked 9710 to 0557* (RN was on 15295 instead of 9715 for propagation experiment); At 0600 found Africa Number One on 11945, mx and FR IDs; at 0617 I found //15200 better, SIO 454; 0627 went into EG anmts mixed with EZ music, now saying trial run would last 2 weeks, and sometimes mispronouncing site as "Mayobi", probably taped in Paris, hi (gh) more, LN-14

GREECE R. Station Macedonia, Thessaloniki, SW sked 9675 1000-1330, 9655 1830-1930, 7135 Sun 0500-0730. Y.E.N.E.D. (Greek Armed Forces Radio Stn), Athens operates 0345-2400(Sun to GMT Mon 0100) on 200 kW MW 981, and on unconfirmed 5 kW SW 6045; during summer time, all pgms are one hour earlier (Radiotileorassi, via WBI 8/79)

HONDURAS LN-14

INDONESIA RRI Pekanbaru sked says it relays VOI Mandarin svc 1000-1100; full sked is 2258-0715, 0858-1600 (Sun continuous) on 5887 927. A conflicting sked is 2300-0200, 0400-0700, 0900-1600 (Sun 0000-1600). Medan relay at 1400. Local nx at 2330, 0630, 0945, 1230, 1545. Jakarta nx at 2300, 0000, 0500, 0600, 0700, 1200, 1300, 1500 (Satoshi Wakisaka, IDXR 10/9) RPDI II Bulungan, studio Tanjungsela official sked on 2977, 1 kW 1000-1400(Sat 1500). RPDI II Dompu official sked on 3143v is 1100-1400 (Toshiaki Takehara & Satoshi Wakisaka, IDXR 10/9) RRI Dili on 2456 now to 1415v* after local nx 1400; 3120 unhrd (Tshida/Wakisaka, IDXR 10/8)

IRAQ VOM DS in AR on 9722.5 ex-9553, 0230-1500, also for Hebrew to Israel 1530-1630 and VOPVOPR pgm 1800-1900 (WBI 6/9)

ISRAEL KI Reshet Bet (Hebrew HS) on SW tentative D79: 0400(Sat 0500)-0610 Nam/Eu 9815; ENAm /Eu 9372.5; Eu 11620 15585. 0615-1355 ENAm/Eu 15585 17630 25605; Eu 11620. 1355-1605 Eu on

11620, ENAm/Eu 17630. 1605-1755 ENAm/Eu 17630. 1800-1955 Eu 11610; Eu/ENAm 9372.5 15585; EG C&Saf 17630, 2000-2300 Eu/ENAm 11610. 2300-2310 Same plus EG fqs of 2230. This service is jammed at 0500-0530, 1100-1200 and 1700-1800 (Larry Magne, PA) The Arabic HS on 7465 at 0415-2215 should be audible in NAM this winter just after s/on and before s/off (Magne)

KASHMIR AZAD AKR, Muzaffarabad, is on 6020 1200-1800*, formerly on 3915 1415-1800 (Victor Goonetilleke, R. Australia Japanese DX Time 26/8)

LIBERIA ELWA tent S79: (on SW): 3227 D. 0610-0800, 1805-2220. 4770 0555(Sun 0655)-0900, 1655-2300(Sun 2240). 6135 Sat/Sun 0825-1735. That was HS; ES: 6135(I) W. 1355-1735, D. 1805-2005. 9550 (I) 1205-1320(Sat/Sun 1350); 11830(II) Sat 0600-0820, Sun 0600-0935. 11835 (III) D. 2005-2130; 11860 (II) Sun 1330-1630, D. 1800-2135. 11870(III) 1650(Sun 1630)-1800. 11930(III) D. 0615-0728. Cf WRTH -79 for times of EG/FR, and key to targets; D=daily; W=weekdays (NL) The 25m usage is quite flexible (gh)

LIBYA SPLAJBC DS in AR since 30/8 has been at 0800-1700 on 11715 11700 11690 9500. V. of Arab Homeland ES on same 1700-2200, and thereafter on 11690 only (WBI 6/9) MAURITIUS LN-14

MEXICO R. Universidad, 9600, has a very erratic Sat sked, operating if at all, for 30 min to 6 hours within the 1400-2130 timeframe. Never found on Sunday. I hear it's run by students, which could explain the irregularity. Usually can't check on weekdays, but Mon & Tue 3/9 & 4/9 it was on around 1445 (David L. Walcutt, Houston TX)

MONGOLIA UB HS on new 6589, 1100-1300 dual 4895 4011 (Shigenori Aoki, Japan, JADX, via R. Australia Japanese DX 22/7) UB HS in Mong now on 11855 mornings, around 2235 1/9 (Padula)

MOZAMBIQUE Maputo in PT: 3210 0255-0515, 1645-2210; 4865 0255-0545, 1545-2210. 7240 & 9620 0255-2210. 11820 0500-2210. This former "A" pgm is now known as "Emissão Nacional". The former "B" pgm is Emissor Interprovincial de Maputo e Gaza, in PT & Tsonga, on SW: 3328 0255-0515, 1645-2210. 4855 0255-0545, 1545-1730. 6050 0515-0700, 1430-1715. 7110 0600-1530. Beira has dropped SW for A & B but vernacular pgm still on 3280 at 0255-0700 & 1430-2000, and 6025 0900-1215. In Chisená irr. 1400+ on 6025, 1700 PT on 4815. Quelimane 0255-2000 on 4902 and at 0255 also on 7155. All regionals operate 0255-2000 (R. Ginbey, NL & RNDXJB 13/9)

NETHERLANDS ANTILLES TWR rarely makes seasonal changes, but sometimes shifts to avoid QRM. 9575 ex-9570 for 0715-1100 in PT, SP, GM; and 11895 ex-11900 0945-1030 in GM, and these are expected to continue for D79 and M80. The 9575 doesn't facilitate R. Pilipinas 9579 QSP (gh)

OMAN BBC Masirah S79: 6030 AR 1830-2000. 7140 Persian 1615-1700, RS 2000-2100, AR 1700-2000. 11730 Bengali 0030, Hindi 0050, Urdu 0110, Hindi 0140-0200. 11740 WS 0300-0315, Persian 0315-0330. 11920 Hindi 1330, Bengali 1345, Hindi 1430, Urdu 1515-1600. 17770 WS 0900-1130 & exc Sun 1130-1300. 15310 WS 0900-1830. 11955 WS 0330-0430 (Bob Padula, Sept ADXN)

PAKISTAN PBC S79 non-EG sked (exc. some langs include 5-min EG nx). 0045-0230 WS SEAs 17830 21590. 0100-0245 Bangla 15420 17890. 0330-0430 Irani 17845 21590. 0445-0700 WS ME 17622 17845 21625. 0515-0615 AR 15325 17895 21730. 0700-0745 Turki 11885 15325. 0715-1100 WS UK 17662 21655. 0800-0915 Hindi & 0915-0945 Tamil 17640 21590. 1000-1045 Indo & 1000-1200 Burm 17640 21450. 1215-1315 AR 17640 21485 21755. 1230-1445 Bangla 17665 21625. 1330-1600 WS ME in Urdu 17910 21485 21755. 1615-1700 Gujrati 17655 21545. 1630-1730 Turkish 17640 21605. 1700-1745 Swahili 17665 21545. 1730-1930 WS UK 11675 15470. 1915-2015 FR 17640 21745 (Bill Matthews, Columbus OH)

PERU LN-14

PHILIPPINES FEBC new fqs: 9575 1100-1230 Hakka & Chinese /sic/, 1230 Russian. 1300-1400 JP 9580. 2345-2445 11925 RM. 15305 0200-0500 EG; 11925 is 100 kW, rest 50 (RA Club Forum 1/9) 9575 believed ex-9505; 9580 ex-9765 (Yoshiaki Hayashi, JADX, via ADXN Sept) S79 THFBS sez 9575 is 40 kW from Bocaue until 1230, then 100 kW from Iba (Bob Padula, Sept ADXN)

SEYCHELLES FEBA S79 (H=100 kW; L=25 kW). 0040-0145 6185H 9575L. 0155-0300 11785L. 0155-0215-0245, 0305-0340 15405H. 0310-0450 11805L. 0340-0445 15405H. 0655-0800 15160H 17715L. 0825-0915-0950-1005 15430H. 0925-1000 11805L. 1010-1030(Sat/Sun 1045) 11945H. 1210(Sun 1155)-1400-1415-1430-1500-1515-1630 11860H 15325L. 1635-1655 11860H. 1640-1730 9650L. 1655-1800-1830 15280H. Interim times within a span indicate beam switches (FEBA)

SOLOMON ISLANDS (Cf Sept LN-3) Despite SIBC sked, has been heard for several years past 0700 on 9545, still at VOA *0755, and 21/8 audible under VOA past 0800; not sure when they sign off (Syd Osterman, Ont.) VOA no longer sked at that time on 9545, so SIBC in clear? (gh)

TURKEY TRT Ankara in Turkish 0600-2000 is on 15230 ex-15170 (Noel Green, BBC WRC 2/9)

U S A KGEI rearranged As svcs to this obs sked: 0800-9000 JP 9555, 1100-1300 RS 9750, 1300-1400 CH 9750 (Yoshiaki Hayashi, JADX, via Sept ADXN) For D79 KGEI will operate: 2130-0400 15280. 0400-1400 9615. 1400-1600 15355 to LAm. 1000-1400 5980 to FE (A. Cushen, RNZ 6/9)

U S R/CUBA RHC relays via USSR S79 changed to: Medit 1500 AR, 1600 FR, 1700 EG, 1800 SP, 2000-2100 PT on 15130 (and 11860 after 1800). Eu 2100 FR 11760 9610; 2200-2300 EG 9610. These are registered in THFBS as originating from xmtrs in Habana, the azimths mostly westwards from Cuba. # Vladivostok 5015 operates 2035-1400 in RS with local pgms, R. Moscow First Pgm relays for FE, and R. Station Pacific Ocean 0710-0810. At 1400-1500 again relay R. Moscow First Pgm; 1600-1900 Mayak, 1900-1930 Pgm I-FE, 1930-2030 R.S.P.O., 2030-2035 R. Moscow First Pgm (WBI 13/9)

VIETNAM Thanh Hoa 4882 audible only at 1030-1100, not 1400; Hoang Lien Son 5604 *1200-1315*

Sen La 4770 & 6330 obs *1130-1230* and *1300-1400*. VOV ES in slow EG obs only from 0700 on 10010, apparently not at 0200 (Isao Ugusa, DX Front Line 3/9) 15007 at 2000 once (Conrad, IA)

ZAMBIA R. Zambia has now resumed most of its SW xmsns; S79 sked: HS: 6060 20 kW non-dir at 0500-1615. 7220 50 ND 0600-1630. GS: 6165 20 ND 0500-1700, 7250 120 ND 0600-1630; 9580 2 1/2 ND 0630-1400. ES: 6060/6165 20 ND 1730-1930. 7235 50 ND 0530-0730. 9580 50/188° 1530-2130; 11880 50 188 Sun only 0530-0730 & 1045-1245. 17895 50 kW 188° Sun 1045-1245. All times are approx, based on bar chart (NL)

MISCELÁNEA RADIAL

AFGHANISTAN (cf Sept LN-15) Two weeks of monitoring the new xmtrs on 15280 and 11900 shows their location is not the same as 6230, which is believed to be in the Kabul area. The former two had a short but perceptible delay compared to 6230, and relay at times the same CW QRM hrd on 6230, indicating that 6230 serves as a feeder to the other two (WBI 23/8) A recent survey revealed that 4000 has been replaced by 4380 and 6000 is no longer used (NL)

ALGERIA A French African noted at 2245 on 10935 with powerful signal 13/9 (Larry Magne, PA) Same here, 2300 into Arabic, Algiers ID and nx; still going at 0100 check, but missing subsequently; must have been a one-shot frequency error (gh)

ANGOLA (Cf LN-3/4) Em. Reg. de Moçâmedes, 5100, real surprise to 2303* after anthem, best after 2245 with high life mx, few amnts; strength better than most Angolans, tho not quite as good as 3375, but CW is merciless, making copy very difficult at best; 18/8. Presumed Benguela, something audible on 6151 2200-2300, but heavy 6145/6155 QRM. Maybe will improve

ANTARCTICA AFRTS McMurdo hrd clearly 7/9 1138-1225 on 6012.5 RCUSB, ending (Jerry Berg) daily CGW show 1157, dead air to 1205 Navy nx, pop mx, clear ID 1213; peaked about 1155; audible even on VHF antenna (Bob Rankin, Lawrence KS)

BOLIVIA A new stn, Rdf. 22 de Julio at Ciudad Magdalena, nr San Ramón in Bení Dept., was inaugurated 27/5, on MW & SW but fqs unk (Rogildo Fontenelle Aragão, Cochabamba, SCDX 21/8)

BYELORUSSIA R. Minsk, 7420, hrd 10/8 during Byelorussian pgm with EG ID at 1807 claiming that this pgm was on at 1900-1930 GMT, "R. Soviet Byelorussia" (Michael Oexner, DSWCI)

CAMBODIA VOKP HS still announces they are using 5695, 7350, 6095 and 918 kHz, but observed only on 7350 and 6091; unhrd on 7008, and contrary to WBI 26/7 report that 9695 was used for HS when not required for ES (S. Aoki & I. Ugusa, DXFL 3/9) VOKP ES noted 27/8 in EG at 1200-1215; anc'd 11940 and 1360; 5 min of nx, 5 min of anti-Pol Pot, then open carrier to FR 1215 (Jean-Jacques Bloch, Gaithersburg MD) 23/8 on 9695 1205 YL nx, 1208 OM anc ID, YL with political comment, local mx, lost around 1213 (Syd Osterman, Ont) Bloch hrd on 9695 too (gh)

CAMEROON R. Cameroon, Yaoundé, hrd 8/8 1730 on 4000 in EG (Gajendra Pal Singh, Kitwe, Zambia, SCDX 28/8) Tho Garoua back on 5010 from 5000, am hearing another Cam on 4000 1900-2000 with Yaoundé nx at 1900, but stays linked with 4850 after 1930; from 1930 not // Garoua, Buea or Bertoua; still here on 16/8 (Gordon Darling, WDXC Mid-Month Express News Service)

CHINA (Cf July LN-9/10) The PRC appeared in ITU Circular 1364, 24/4/79, for the first time. In the 6 MHz band are registered 60 xmsns on 28 fqs, and so on up to 25 MHz. PRC seems to have taken many fqs not allocated to them by the ITU, and judging by the great number of xmtrs in operation, this is the country with the largest SWBC capacity. Statistics reveal no less than 1317 hours of xmsn per week, over more than 70 xmtrs. Powers registered are 10, 50, 100, 120, 240, 350 and 500 kW. The Chinese operate as much with non-directional antennas as with directional ones, with a gain of 12 and 18 db (DW /Spanish/ DX Pgm, via BADX 8/79) The ITU does not allocate specific fqs on SWBC, but attempts to coordinate their usage. Furthermore, far from all these registered fqs are active, resulting in really smaller stats(gh)

COLOMBIA Ecos del Combeima hrd on new 6025 at 0846 28/8, many IDs; believe there for several days, ex-4785 (Jack Jones, Jackson MS) 15/9 on 6025, many definite IDs 0025, nothing hrd on listed 4785 (Jay Novello, NY) Hets Portugal which already has enough reception problems(gh)

COOK ISLANDS A time check hrd on 5045 at 1615 4/8 revealed that they have changed from GMT -10 1/2 hours to GMT -9 (Robert Yeo, Victoria, ADXN) Should affect xmsn sked: on & off earlier

COSTA RICA R. Reloj again jumped to apx 6030 from 6006, 3/9 0730, 1110 (Jack Jones, MS)

CUBA RHC at 2020 hrd on 17478.6v and 17931.lv, equidistant spurs (at 226.7 kHz) from 17704.9 (Larry Magne, PA, 13/9) I've had a report that Moscow-via-Cuba 11840 is being jammed, probably an erroneous judgement deriving from all the garbage Cuba transmits and/or Nic het (gh)

CYPRUS R. Bayrak says it has raised power to 7 1/2 kW on 6150, which it admits is sometimes on 6283 due to oscillator variations; however, hrd recently on 6140 (ORF Boletín DX, Aug?)

CHILE 9550 hrd 30/8 0015 with soccer, ID as R. Nacional Metropolitana de Chile (Dario Monferini, Milano, PLAY-DX) R. Nuevo Mundo (?) on SSB 6685, 26/8 1015-1030, far gone by 1100

EQUATORIAL GUINEA Malabo 6250 is back on the air, noted 6/8 & 7/8 after the (Jerry Berg, MA) coup (Victor C. Jaar, PQ, 20/8) Measured on 6245 (Roberto Levenstein, Madrid, RN Portuguese DX 6/9) R. Equatorial, Bata, La Voz de Río Muni, on new 11714 + 1 kHz, to 0700* and 2200* after a couple hours on the air; Bata has had a 50 kW registered here for a long time (Richard Measham, BBCMS, BBC WRC 9/9) S/on perhaps 0430, again before 1630-2135* 7/9 at 0700*

said would be back at 1000; in SP and local vernaculars (WBI 13/9) Hrd 9/9 on 11714 good sig, het, gone by 2145 (Andy Robins, MI) 13/9 at 2115 Afro mx, 2128 full ID, s/off, long NA, strong, but 11715 het (Michael Bolitho, Ont) I was listening at same time: 2040 mostly mx, 2102 proclamation dated 13/9, 2103 ID as above, hilife mx, 2128 NA, 2129½ off; het is from Libya (gh) R. Bata, La Voz del Partido, was on 5014, 13/8 only, 2055-, excellent (PLAYDX); FALKLAND ISLANDS FIBS quite regular since 8/8 from f/in 2330 to f/out 0035, all in EG. Some BBC stuff added to local mx and talk. Sigs quite nice even with my ant pointed toward*FE; on 2370 (Rohan Goonetilleke, Sri Lanka, UADX) Rohan can hear it in his quiet country location, but it's difficult in the city, tent. on 2375 (Victor Goonetilleke, ADXN) Which fq?!

GABON Libreville hrd eves fair on 9555 //4777 (Václav Kořinek, South Africa, Sept DSWCI) Almost certainly 2nd harmonic. Welcome to the harmonic club (Andy Sennitt, DSWCI ed.)

GHANA GBC noted 26/8 with Afro religious type pgms 0540-0600, one on Ejura 1 3350 // Accra-1 4915; another on Accra-2 3366 // Ejura-2 4980; all seemed to carry same EG nx 0600 (Osterman)

GUATEMALA We are planning on being on the air on 17/8 with 10 kW. Because of not having our SW mgr here as yet we will only be on a few hours a day. Unfortunately I can't tell you exactly what hours. The fq will be 6090 (Robert Folkenberg, AWR Guatemala, via Edwin Stickle NY) So far as of 22/9 I've had no reports of anyone hearing this; Lux a problem (gh) LN-14

HONDURAS R. Lux 4890 hrd 30/8 0230* claiming increased power (Jean-Jacques Bloch, MD)

INDONESIA RRI Menado ops one xmtx on SW, so on 5987 or 3215 (Wakisaka) RRI Wamena hrd on old 5043v around 1030, ex-4865 (Ishida) RRI Sorong again hrd on 4875 4/9 after month's absence (Wakisaka) RRI Jayapura again hrd on 4981, since 27/8 (Wakisaka) Altho 99 Indo fqs were monitored in a recent survey, the following could not be hrd: (all RRI). Sorong 3365, Medan 3375, Denpasar 3945, Tj. Karang 3955, Jakarta 4805 7070, Jayapura 3325 11943v, Jambi 4927 (Ishida; Takehara, Wakisaka, all Indonesian DX Review 10/9) RRI Ujung-Pandang has two different pgms, on 4719 and 4753 (Ishida, IDXR 10/8) INTERNATIONAL WATERS LN-14

IRAN Since 23/8 VOIRI DS & ES 1530-0530 is on 9033 ex-9022 (WBI 30/8) 2/9 back to 9022 (WBI)

KALÁTDLIT-NUNÁT (Cf Aug LN-8) This is not a new name for Greenland; it first appeared in 1964 on a bilingual stamp, then regularly since 1969 (Victor C. Jaar) OK, but I think the point is that now this is the #1 official name of the country (gh) During S79 Rome is not using 9575 at 2210-2230, so that is the window to look for Godthaab (Bob Padula, ADXN)

KOREA SOUTH KBS operates some low power xmtxs in the 30-50 MHz band carrying school pgms. In Japan, KBS Himang Kyoyok Pangsong (Hopeful Education Broadcasts) can be received on 32600 and 49300 kHz (Benelux DX Club 6/79) Some excellent DX to look for right now @ sunspot peak

LAOS During big SEAs opening 27/8, Savannakhet 7384 hrd at 1105-1130, and listed Xieng Khouang 6675, tentative (Jean-Jacques Bloch, MD)

MALDIVES (Cf Aug LN-9) My comments indicating positive confirmation of Marjorie Oakley's loggings were based on hearsay /sic/. After listening to tapes of both loggings, I cannot support the claim that either is Maldives. The 9558 is in fact SABC Afrikaans svc, while 7224 is more like an African than the Maldives. Sorry about jumping to conclusions (Bob Bodell, Aug SPEEDXGRAM) I hope Marjorie is too; thanks for following up on this (gh)

MONGOLIA Per QSL, "Two xmtxs, 250 & 100 kW, are being erected now near Ulan Bator (at Khonkoryn, 25 km away)". Also there are 'stns' at Altai and Choybalsan City, where 'specialists' have erected 'relay-transmitting stns'. Most likely for the RM relays, but SW was not specifically mentioned for any or all of these. So, still a mystery as to what freqs are used where and when! (Geoff Cosier, Australia, Aug DSWCI SW News)

MOZAMBIQUE (Cf LN-5) AIM nx agency via Tanjung 30/8 said for the first time a nat'l radio svc had been introduced. Provincial stns had served the country and the one in Maputo province had been heard country-wide but with too much local material to be considered a truly nat'l svc. The svc launched by R. Mozambique in July with pgms for the whole country would, therefore, fill a serious gap. Maputo & neighbouring Gaza province were to be served by an inter-provincial stn (WBI 6/9)

NEW ZEALAND RNZ SW svc now requests 3 IRCs for r.p. due to postal rate increases (Cushen)

NICARAGUA LV de Nicaragua, "from Sandino's fatherland in the heart of America...the official voice of the Government of National Reconstruction in the year of our liberation" has been hrd since 23/8 on 11838 and 620 kHz only, but announcing also 5950 and 11740 (instead of 11838) in the 31-m band (sic). In July and early Aug, this stn called itself "R. Sandino"; before that it was Rdif. Nacional de Nicaragua. The former Estación X from Managua on 750 kHz has been renamed "R. Sandino, the official voice of the SNLF", also on 95.9, 0400* (WBI 30/8) Obs on 11835 at 1145 tune in till wiped out by RMWS-via-Cuba 11840 around 1300, 31/8 (Steven Shaffer, Hammond IN) Appears higher-powered than the stn I had in July on 11727-33; but modulation poor; 6/9 1209, ID at 1217, wiped out later by The Blob (gh) The normalization process went a step further 22/8 with the return of Nic's independent radio stns. For the first time since early June, listeners could find something other than R. Sandino, which had been on every active fq; most stns promptly started playing disco. R. Sandino concentrated on new bill of rights--"yesterday's dream, today's reality" (R.J. Meislin, NYT, Kaufman)

NIGERIA (Cf Sept LN-5) 3326 noted regularly since mid-July, *0430/2305*. No local ID hrd. 3326 was used by Kaduna back in the 60s but VON xmtr development plan in 1977 listed this as Ikorodu 50 kW Nat'l service replacing 4990 which was to become Jos. So watch 4990! (Stephen Lowe & Gordon Darling, UK, WDXC MM ENS 8/79)

NORWAY (Cf Sept LN-5) NRK USB 21610 hrd 24/8 at 1555 // 21730, about as good as Sweden USB on 21555. They seem to be jumping the S79 gun ('sneak preview week'). WYFR *1600 21615 wiped out Norway (Richard Varron, Wayne NJ)

PAKISTAN Peshawar noted on 5769 ex-5760 to 1800*; Quetta on 5985 ex-5980 to 1600* (Rikard Johansson, maritime mobile, DSWCI SWN Aug)

PAPUA NIUGINI Test xmsns have started from R. West Sepik, Vanimo on 3205, hrd eves from around 0800; a new NBC facility, reports wanted to Box 181, Boroko (Neville Clarkeson, Mount Hagen, Sept ADXN & R. Australia Japanese DX 9/9) Port Moresby noted 24/8 0700-0820 on 9780 instead of 9520; 4890 and 3925 on as usual; 9780 is 2 x 4890, and also noted 8/78. I hope I find out what the problem is this time (Robert Jones, NSW, ADXN) QSL for P2T11-11880 says 'test on trial fq; we are considering, maybe permanent later on' (Syd Osterman, Ont.)

PERU R. Tarma, Junín, is a new stn on 4770, hrd at 0500 testing and asking for reports from overseas listeners to: Casilla 167, Tarma. Souvenir offered; 0530* (Emanuel Tavares filho, Niterói, Brazil, SCDX 21/8) R. Satipo, 4845, hrd 0355 23/7; formerly was R. Oriente 4853 (Karel Honzík, Czechoslovakia, Sept DSWCI SWN) R. del Pacifico, 9675 hrd 6/9 0303+, EL, full ID 0305 claimed it was transmitting to N&C&SAM; steady sig, good audio, fq formerly occupied by Moscow; as per Sept LN-4 Cairo AR to NAM 0301* this fq (Jay Novello, NY) 9674.9, 0349-0428*, ads, pop mx, gospel, 24/8 (David L. Walcutt, TX) I have identified the het on BBC 9510 as R. América; sometimes late at nite it almost overrides BBC (Jim Conrad, IA, 6/9) A longtime problem. BBC ought to give them an accurate crystal or zero-beat them! (gh)

PHILIPPINES (well, that's no worse than 2 Ls...) FEBC 9580 1300 in JP 3/8 had bad het, which turned out to be R. Pilipinas, returning after about 12 months. The latter in the clear after 1400. I wonder if the Phil. Telecomms Control Board knows there are two 50 kW xmtrs on the same fq (Robert Jones, NSW, Sept Australian DX News)

SÃO TOMÉ (Cf Sept LN-5) 4870 is just a typo for 4807, which could be avoided if the actual longstanding fq of 4806½ had been given (Pitt McNeil, Washington DC) Oh, I don't know--486½ --sorry, my mistake (gh) São Tomé seems to be moving around; Glenn reported 4780 but hrd 10/9 on 4806 to 2300* (Steve Webster, RCI DX Digest 16/9) The Portuguese pronunciation here is closer to Brazil than to Portugal! (Roberto Levenstein, a Brazilian in Madrid, Radio Nederland Portuguese DX program "Rádio-atividade" 6/9)

SEYCHELLES FEBA personnel costs have quadrupled since 1971 even tho staff has been reduced from 68 to 56 persons. To be able to continue, FEBA needs 10,000 pounds sterling more per week than anticipated in its budget, and is asking for donations (ORF Boletín DX, Aug?)

SOUTH AFRICA R. RSA 25790 audible at 0615 (Larry Magne, PA, 13/9) A sunspot-peak anomaly I had expected; in just a few years this will seem even more remarkable (gh)

SWEDEN Swedish Telecomms Admn hrd 7/8 around 0400 announcing test xmsn on: LW 191 kHz, MW

774, 981 and 1179; SW 6876.2 and 10287.5. What do these tests mean? (Karel Honzík, ČSSR, SWN 9/79)

SWITZERLAND Bob Zanotti told us on the phone that SRI is discontinuing its experimental SSB broadcasts (BBC WRC 2/9) Well, I'm still hearing it, e.g. 15/9 0509 Italian on 15305 RCSSB, SIO 455 (gh) PTT has decided to stop SSB as of D79 because of 1) no results= poor response, poor reception due to 30 kW power, and 2) Uncertainty about what SSB BC stws, if any, will be adopted by WARC 79. What a shame--an idea too early for its time (SRI SWN Merry-Go-Round 22/9) Look at my logging above--SSB can be good, best of available fqs, but when better // AM signals available, I can't imagine why anyone would bother tuning SSB. Also 15130 SSB at 0145-0415, which had been useless due to jamming QRM during J79, was suddenly in the clear as of S79, but why bother with 15305 booming in on AM then? (gh) /on 4785!

TANZANIA R. Tanzania DS hrd *0300 12/9 with IS, ID, Koran, presumed Swahili talk, 0315-0333 Afro style mx, phenomenal signal strength, dominating ute and other QRM (Mike Bolitho, Ont.)

URUGUAY Stn 43 uses 100 watts on 4970 for special occasions--a mobile xmtr to link with studio. Operates when soccer matches (usually Suns) and morning bicycle competitions take place (WRTH NL) i.e. R. Canelones en el Éter, one of the most picturesquely-named stations, meaning Gutters/Sweetmeat/Icicles/Bastard Cinnamon/Cat of Nine-Tails, in the Aether (gh)

U S A Hurricane Season! Check the hams' Hurricane Watch net, on 14325 USB; net controls are K4RHL and K4MM. Action listening at its best--a first-hand look at damage; official wx bulletins from Miami every 3 hrs. Also, hurricane-hunter aircraft may be hrd on 4668, 6645, 13260 from Miami Centre; also 17901 USB; 9020, 11228 13210, 15301 sic/, 17972. And for weather nets in the Caribbean check 7185 and 3805 LSB (Steve Webster, CMS Telegram 8/79) Also check for AM stns using daytime (maybe non-directional) antenna and power during emergencies, ordinarily inaudible. WGBS-710 was such as David bore down on Miami; later WAPE-690. WVL-870 and other clears extensively covered Fred, and afterwards Mobile's 840 was hrd at nite under WHAS (gh) Another AFRTS-W feeder fq, which might serve some better than listed AM fqs: 10537.7 LSB hrd at 0200 (Larry Magne, PA, 13/9)

U S S R R. Moscow noted in Arabic in a new out-of-band area on AM at 1920-1935, 21885 (Larry Magne, 13/9) Could be 3 x 7295 (gh) VENEZUELA LN-14

VIETNAM Hanoi-1 hrd on 10060 at 1100 27/8 ; no sign of Hanoi-2 on 10224; seems still off the air. Regional Bac Thai 6916 tentative at 1205 (Jean-Jacques Bloch, MD) VOV reported that in Hanoi 1/9 a ceremony was held to hand over the first stage of a xmtr stn built with Soviet assistance. This included one MW and two SW xmtrs, and two diesel generators. The installation also included two 259-m steel antenna towers (WBI 6/9)

ZAMBIA R. Zambia ES obs back on the air 20/8 on 7250 (anc'd as 11880) (WBI 23/8) Most of the pgms are in the Clandestine category, qv (gh)

CLANDESTINE GRANNY Radio Freedom, 0630-0700; Zimbabwe People's Revolutionary Voice, 0700-0730; Voice of Namibia, 0730-0800 constitute R. Zambia's reactivated international service on 7250 (announced as 7235) (WBI 6/9) Also monitored on 20/8 with the ANC's Radio Freedom in progress at 1630; 1715-1800 ZPRV, presented by the Patriotic Front of Zimbabwe, in EG, Shona, Ndebele (WBI 23/8) more LN-14

R. Zimbabwe, fairly new cland, probably no further from Johannesburg than Rhodesia or southern Mozambique. *1000-1130* on 7070, almost entirely in vernaculars. Probable Ndebele nx 1045-1052; plenty of Afro mx, up-to-date hits. Xmtr troubles, some distortion (Václav Kofínek, RSA, DSWCI SWN Sept) R. Free Zimbabwe, unstable on 7070 obs in Shona, Ndebele, EG, with EG nx 1600 & 1745 and relays of ZRBC General Svc; believed to be former African Svc of the Rhodesia Broadcasting Corp (WBI 23/8)

A Voz de Africa Livre still hrd *1630-1730* but on 1026 ex-1020 to avoid QRM from new Emisor Interprovincial in Maputo on 1008 (Václav Kofínek, RSA, Sept DSWCI SWN)

Free Sahara, presented by the Polisario Front = Popular Front for the Liberation of the Sahara and Rio de Oro, is a program in the Algerian ES 2200-2300 in AR/SP+FR or vernaculars on 575 kHz (WBI 8/79) But sometimes on SW too; I believe it was on 10935 once (gh)

Voice of the Western Somalia Liberation Front (Arabic: "Saut ul Jabha litahrir Swmal al-Gharbiya") is an AR pgm via R. Mogadishu 9586, hrd 13/9 2030-2057 after HS relay in Somali. "Western Somalia" is the Ogaden Region currently under Ethiopian rule, but inhabited by Somali-related people (Jean-Jacques Bloch, MD)

V. of the Egyptian People (Arabic: "Sawt ash-Sha'b al-Misri"), hostile to Pres. as-Sadat of Egypt, has been obs since 6/9 in AR at 1930-2030 on 9730. Its existence was first mentioned in the Lebanese newspaper 'al-Kifah al-Arabi' and later reported 4/6 by the V. of the Arab Homeland ES from Tripoli to have begun broadcasts 1/6, but we didn't hear till 6/9 (WBI 13/9)

Democratic-National Front of the Yemen Arab Republic is a stn in AR hostile to the present govt in San'a, obs recently on 6005 for two instead of one hour per day, 1400-1600 (WBI 13/9)

Voice o' Palestine, Voice of Palestine Revolution, is a PLO pgm of nx summaries, talks, commentaries and press review, in AR 1702-1800 via Algiers on 9705 9685 980 548 (WBI 8/79) The VOPVOPR program of R. Baghdad, 1800-1900 obs on 9722.5 and 1035 kHz (WBI 6/9) A VOPVOPR pgm from R. San'a DS in AR commenced 1/9 at 1600-1640 on apx 9870. Earlier that day the VOPVOPR 'Central Station', believed to be in Lebanon, advised of the daily pgm from San'a as well as Aden & Algiers, all supplied from the Central Station. PLO pgms on R. of the PDRY Aden were inaugurated 1/4/79; Algiers' date back to 9/70; the 'Central Station' first hrd 9/75. A similar "VOPVOPR" pgm is also broadcast daily by R. Baghdad but it deals with Palestinian affairs from the Iraqi govt point of view (WBI 6/9)

Voice of Hope / Free Lebanon Radio is a new Christian stn in southern Lebanon built at a cost of half a million dollars with donations from 10,000 Americans (including 10% Canadian content) by the California-based evangelical organization "High Adventure". Project organizer George Otis says it's not to be a propaganda stn but "music, joy and happiness will pour out over the whole Mideast" within a 1000-km coverage area. Symbolically, there are two white doves on top of the giant 200-ft antennas at a site near Marj 'Uyun in the line of sight of some Palestinian guns. Even if the stn were destroyed a week after going on the air, it would not have been in vain. There would be Bible-reading, Arabic music, and broadcasts by Maj. Haddad, Christian commander, who said the stn would help communications with Beirut. Paul Hunter from Toronto is the technical supervisor (Kol Israel 2230 nx & DX Corner 2/9 via gh) It's on 943 or 936 kHz with 30 kW; 1593 kHz to be added later. Sked is 0400-0800, 1500-1900 but expansion to 14-16 hpd planned. Reception is dreadful in Jerusalem and it has been suggested they should add SW, perhaps on the 9 MHz band (Larry Magne, PA, 13/9) Voice of Israel had reported 22/8 on plans to set up this stn within a month. The xmtrs then were in the port of Ashdod, Israel. If radio is successful, TV will be added; funds for color studio & xmtr already available. Major Haddad already had a 'Free Lebanon Radio' stn on 1500 kHz since 10/78 in AR, EG, FR 0545-0900, 1100-1400 & 1600-2000 (WBI 30/8) VOV would be operated by 3 DJs and have nx on the hour; in AR, EG, FR, HB (WBI 6/9) Tests in EG & AR began 8/9 at 1528 on 936 kHz; regular broadcasts began 10/9, with s/off anc'd as 1900. IDs hrd 11/9: "High Adventure's Voice of Hope Radio Station from Free Lebanon, the Valley of the Springs". At 1535 Maj. Haddad attacked Pres. Sarkis of Lebanon. Per the Jerusalem Post 11/9 it's in a former Lebanese customs house on the road from al-Mtullah to al-Khiyam. 10/9 BCs were at half power of 15 kW. Otis said initial shpd would rise to 24; no nx hrd yet (WBI 13/9)

It's built in a former mine field; broadcasts will include 'commercials from God'; as Bible-readings are being called. It will be a mixture of that old-time religion and right-wing Phalangist politics. It will be a touch of Nashville in Marjayoun. The State Dept tried to discourage this venture since the US doesn't recognize free Lebanon, and it's a dangerous place (Bob Simon, CBS /TV/ Evening News 10/9 via Mel Smith, MD) more LN-14

Voice of the Communist Party of Turkey (Cf July LN-13) "Turkie Comunistin Parti Sesi Radio" in Turkish at 0400-0430, 0600-0630, 0800-0830, 1000-1030 and 1600-1630 on 9585; 1800-1830, 2000-2030 on 6200 (Franz Szusz, Lugo, Romania, GO-DX, via Bob Underdown, AR) Incomplete?

Thai Revolutionary People's Radio Station will be set up soon to compete with Voice of the Thai People; from Savannakhet, Laos. Backed by pro-Viet group including ex-members of Assembly Bunyen Wothang, Thongpak Phiangket and ex-leader of labour movement Thoetphum Chaidi (Matichon 11/6 via SEA Monthly, June) Pro-Soviet, pro-Vietnamese faction "Thai Isan Liberation Movement" has split from CPT and begun setting up HQ in Paksane, Laos (Bangkok Post 25/6 via SEA Monthly June, via Isao Ugusa, DX Front Line 3/9)

V. of the People of Hsiangchiang is an underground stn operating in the Hunan (China) area on apx 1020 kHz since 5/79, hostile to local and national authorities in China, operating daily at different times for about 10 minutes (Taiwan paper Chung Yang Jih Pao, 16/8, WBI)

R. Maubere in East Timor has disappeared from both its freqs. The Indonesian Army has apparently captured all its equipment (Sept DSWCI SW News)

V. of the Revolutionary Party for Reunification, NK stn hostile to SKorea, per recent anmts has increased its output in Korean, adding daily 0300-0500 & 1500-1700 BCs on 4557 and 1053. Programme previews are aired at 0300, 1000, 1500 and 2000; at 2200-2230 R. Pyongyang DS is relayed. Other Korean xmsns are 1000-1400 & 2000-2230 (WBI 23/8 & 8/79)

V. of the Chilean Resistance, Spanish pgm from Algiers 0005-0035 is on 9705, 7245, 7195 and 6160 (WBI 8/79) But as I reported before, also on 11633 (gh) I don't agree that this is clandestine (Gordon Darling, WDXC MM) Why not? By its very title it opposes the present Chilean govt; or is the program actually about, say, electronics? (gh) R. Enoch LN-14

Numbers 12/9 0417-0420 on 9267, strong, woman with 5-digit groups in German, with an accent I have never hrd before--twice as fast as the Spanish stn, extraordinarily aggressive-sounding and German may not be her native tongue (Ralf Munster, GA) About 10 mins after Delhi signed off 11620 at 2230, they reactivated xmtr, warmed it up, ID themselves in EG and read numbers. Observed just once about 2 months ago when I happened not to tune away after s/off (George Schnabel, Rochester NY, 12/9) European Music R. LN-14

Radical Radio (R. Radical?), call "WMPR" or "KMPR", hrd 3/9 0258-0331* on about 3500 kHz when I was looking for 100% American Radio. USB. Ancr changed calls, said several 'advertised' pirates wouldn't be on that nite due to circumstances beyond their control. Rock mx, sounded like a solo operation; also mentioned the "St. Paul relay" (Mike MacCollum, IN)

100% American Radio (Cf Sept LN-9) I didn't mean that this was the same stn as R. Callisto, but that the ops of one knew those of the other (Mike MacCollum, Kuwaiti South Carolina)

"CREW" 27/8 0356-0411 hrd on apx 1610; at 0411 anc'r Jack Daniels said this was their last broadcast until 1980; much poorer signal than "PRN" around 1620; sometimes the ID sounded like "CRW" instead (Jay Chris North, Toronto, 30/8) Hrd same anmt; they hope to return with more power and better equipment; at 0424* claimed ERP of 25,000 watts on 1600 and to be licensed by Canadian govt. No luck picking them up during the next week, on 1614 (Alan Furst, Wilkes-Barre PA, IRCA DX Monitor)

"PRN" back on air several nites lately, e.g. 17/22/24 Aug 0000-0500 intermittent. Acid rock, few voice anmts of a 'test'. Fq alternates between exactly 1610.0 and 1620.0. I have info that FCC search teams are still actively bird-dogging this stn, and the 'top of the BCB' fq range. Both my DF and FCC DF point to central MA QTH, so this may be the same "PRN" as last winter. They did not attempt to take phone calls. One must assume FCC enforcement efforts will now be as diligent against SW pirates as they are proving to be against MW pirates--once the FCC becomes aware of any SW pirate activity! (Foxworth) They are now (gh) PRN, 1610, hrd 23/8 0210-0230* with 'test'. I also hrd some hams (in AM on 3880) saying PRN had been on a few nites before; that they were in a new location and their xmtr is supposed to be a modified Globe King 500 (Ray Zantarski, Bricktown NJ) PRN, Pirate Radio New England, active again, hrd on 1610 0255-0345 26/8, rock, test anmts, wanted collect call from someone in northern Vermont; 0345 switched from 1610 to 1620 kHz, said due to QRM reports from 1600 stns (more likely to keep FCC off his back). On the air 'to keep the bands alive' and said regular pgming may begin soon; they were worried that beacon on 1620 might QRM. Still going when I quit at 0510; strength excellent on both (John Fisher, Chelmsford MA) 26/8 0015, broken up and off 0045; surely same one I've been hearing lately without any IDs. No evidence it's the same as earlier PRN. Ancr doesn't sound the same, sig is better, and PRN used to be AM rather than FM, but none of this is conclusive (Jerry Berg, MA)

Radio USA, 7360, 9/9 0412* with xmtr/rx discussion, Sacramento P.O. box, missed due to local noise. There also seems to be some DSB ham radio activity here on 40m, suggesting a source for this and for "Green River Radio" (Joel Rubin, Berkeley CA) more, LN-14 DSWCI SW News

R. Barnas (Cf Aug LN-13) when it goes on the air; will be called something else (Campbell, /

"WDAB", Daytona Beach FL, 6213 kHz, is an unofficial, experimental stn. One of our goals is to prove that SWBC can be accomplished on a nationwide basis--maybe even the world--using very limited power. Our 50 watts is negligible compared to the megawatts of ERP being radiated by our neighboring stns in the same band. Yet, we've had good reports from all over the East Coast and a few from the Midwest. Our xmtr is a Heathkit DX-60B, modified from grid to plate modulation. The final audio is fed from a Nikko STA-5010 stereo amp. Antenna is a simple dipole, suspended approx. 35½ high, fed with std 75-ohm TV coax, and the SWR is less than 2:1. Our format is "All Oldies". We have about 800 45s and 100 albums, making a grand total of about 1300 airable cuts in the 1955-1975 period. We're simply trying to have fun. WDAB is non-political, non-public affairs, non-news, and non-biased--exactly the opposite of what you would expect to find on SWBC. With an extremely limited number of 'oldies' formatted stns on AM or SW, we felt the need to put the oldies on SW, with the potential of a nationwide audience. WDAB's DJs are professional radio broadcasters. We simply need a change from the kind of music we're exposed to every day. WDAB becomes a 'Great Escape' to freedom on the radio to play exactly what we want. Due to a severe RF feedback hum problem, for the time being all our shows are pre-recorded. It's hard to find entertainment on the SW bands among the foreign language, news, political views and attacks, and educational shows. But WDAB is trying to fill the void. Being an 'unofficial' stn, we must limit our broadcast schedule; to supply an exact schedule and to adhere to it faithfully would be like digging an early grave. So out of the following 12 possible 1½ hour slots per week, we will be on once or twice at random; no shows will be aired outside of these times (EST/EDT): Sun 1 AM & 8:30 PM. Mon 8:30 PM. Tue 8:30 PM. Wed 1 AM & 4 AM. Thu 8:30 PM. Fri 8:30 & 10 PM. Sat 1 AM & 4 AM & 10 PM. Later we plan to expand into the 13m band for daytime broadcasting. (Info sheet via Paul Buer, Miami, and Bob Foxworth, NY, who adds that they have decided to use the Free Radio Campaign address rather than the box given in Sept LN) Hrd 16/9 0200-0325 GMT, fair to poor signal, oldies, promised temporary QSL card (John M. Fisher, MA) 20/8 0235, DJs Jerry and Ronny no jingles, seemed professional announcers; off in mid-music about 0310 (Mike MacCollum, Kuwaiti SC) Hrd here 15/9 0215 promising QSL, SIO 232, not bad after I hooked up outside antenna -0237, SIO 333; 0302 said have 2000 records, inviting requests. Off shortly before 0320 (gh) more, LN-14

FUTURE PLANS

ARGENTINA RAE is getting a new curtain antenna, which should improve reception in Europe (ORF Boletín DX, August)

AUSTRALIA RA reported 21/8 that the govt would provide further funds to boost signal; work already completed on one Victorian xmtr, and limited repairs on Darwin (WBI 23/8) RA may experiment with slow-scan TV, on the Club Forum program, if enough interest is expressed (C.F. 21/7) I will be on a lecture tour in Canada during late Oct and Nov; there will not be time to visit the USA too (Keith Glover, RA Mailbag 23/9)

BARBADOS There is a possibility this country may be on SW in the future. Several organizations have submitted applications to the govt for a SWBC license. So far none have been approved, and there is little possibility that the govt will approve them in the near future. R. Barbados sometimes is hrd on SW during a hurricane, via C&W facilities, but nothing such was hrd during the pass of Hurricane David (Steve Webster, CMS Telegram, Aug)

COLOMBIA R. Melodía has anc'd it will change fq; the old channel was 6045, and possible new outlets are 6010, 6045 /sic/, 6060, and 6055, tho no decision has been made (Pat KuceraASWLC)

DENMARK Even if parliament did appropriate 14/3/79 DK 63 million for two new 500 kW SW xmtrs for R. Denmark, this cannot be expected on the air before 1984. The main reason for the delay is that the present Herstedvester site is too small and is surrounded by inhabited Copenhagen (DSWCI Sept SW News) New site will be Mors, northern Denmark (Erik Kjøie, DSWCI) We have no hope of their being fit for xmsn before 1983 (R. Denmark via Alf Fidler, via Sep RIB)

ECUADOR HCJB will begin in Sept or Oct test xmsns with the 500 kW directed to Europe. In French (TELEX via BADXC Aug) DXPL indicates early 1980 more realistic, I think (gh) ISRAEL

MEXICO XERMX plans to increase to 15 hours a day. Power on 15430 is 50 kW, rest 10 (NL) below

PAPUA NIUGINI R. New Ireland, 2428, plans to upgrade .2 kW to 2 x 5 kW xmtrs on 1107, with a further 2 kW xmtr to be built in Rabaul to cover the eastern side of our province (RNI via NL) Planned for 1978-82 and we presume SW will be discontinued (NL) SWITZERLAND LN-8

SOLOMON ISLANDS A 3-year development pgm for SIBC includes dual xmsns on MW & SW covering almost the whole country, upgrading of Honiara MW & SW xmtrs to provide stronger signal (Combroad, via NL) ISRAEL A prime-time Nam svc has been approved (KI 25/9) Maybe (Magne)

U K O G B A N I If the proposed budget cut is approved, BBC might have to reduce its language output from 38 to 15 (NRC Handelsblaet via RN Espacio DXista 1/9) The Observer reports the same. Every BBC foreign language service except those to the communist and arab world would face shut down. English language broadcasts would not be touched 'for the moment' (Melbourne Age, 30/8 via ADXN) BBC Public Affairs Dir. David Webster said a 10% cutback could be met only by a reduction of about 25% in broadcasting time, since there is so little fat in the budget. The external services operation is already lean. It has been weakened by four cutbacks since 1970, and many of its services are manned by one or two dedicated people. The amount of money involved is equivalent to the cost of about two miles of expressway, 1/10 of a Concorde or four tanks. But Webster is convinced the threat is real (R.W. Apple, NY

Times 17/9, via Malcolm Kaufman, NY) All this fuss over a measly \$10 million! There should be plenty of charitable foundations with that much pocket change. Or, BBC's 75 million listeners could each contribute 13 and a third cents! (gh) BBC still needs all the support it can get from ordinary listeners. If you want to help preserve the finest external broadcasting system in the world, please write to the BBC or to the Prime Minister, The Right Hon. Mrs. Margaret Thatcher, 10 Downing St., London SW1, England. Do it now (Andy Sennitt, DSWCI) The threats are no joke. Rumours are that some decisions are to be made before the end of October and that actual cuts would take place as from April 1980

VENDA Per R. RSA 7/9, Venda Min. of Works said the possible introduction of an external service that could be heard in the rest of Africa and the world was the aim of Venda's new broadcasting service, R. Thohoyandou. His govt's policy is to extend the service as soon as funds are available (WBI 13/9)

VENEZUELA La Voz de Venezuela will be one of Latin America's principal stns and the most important one in this country. It will be located on Paraguana peninsula on land at Cape San Ramon and Punta Tomatey; xmters and eqp are already in Punto Fijo, as work continues on this plant which during the daytime will cover the entire country with 1000 kW xmters. At night the broadcasts will be directed to the Caribbean, CAM, and Andean pact countries. The external broadcasts will give neighbors a daily vision of what Venezuela is, what is done in this country, what are the fundamental elements in its development, its aspirations, history, etc. etc. (Venezuelan press extract via José Antonio Sabater, Aconcagua DX Club Apr-Jun 1979)

DX PROGRAMS **ARGENTINA** The Aconcagua DX Club is in charge of a weekly DX program. Sundays at 2200 local time, on R. Belgrano 6090 and 11780 (CDXAC)

CANADA Since RCI's Nam Mailbag has moved from Sun to Fri nites, DX Digest will be able to 'double up' on the NAM svc as from November, so listeners can hear all editions by listening any two consecutive hours, GMT Mondays 01, 02, 03, 04+. The extra edition at 00, containing a unique DX report from gh, as well as the entire 00 xmsn, will be dropped during 6 months of standard time starting the 4th Sunday in Oct (gh) more, LN-14

ECUADOR HCJB's Swedish DX program, on the 3rd Fri of the month, will feature these stations: 19/10 R. La Voz del Santuario, Baños; 16/11 Ondas Carchenses (Eter-Aktuell No. 6, 1979) WRTH gives the times at 0500 & 2100. HCJB S79 sked gives fqs as 11900 and 17890 resp. (gh)

GERMANY WEST (Cf Sept LN-14) No Spanish DW DX pgm was hrd 2/9 or GMT 3/9 at the times given. Perhaps it is not weekly? (gh) Every third Sunday (WRTH 79) of the month (WRTH 79) **HUNGARY**

PORTUGAL AWR EG DX pgm Sun 0935 has moved back to 9670 from 9665. It contains DX tips LN-14 phoned in the previous Thursday; Mike Barraclough & Gordon Darling contribute (Sennitt, SWN)

SOUTH AFRICA (Cf Sept LN-12) R. RSA DX Corner Monday repeat noted 10/9 at 1330, on 25790 (gh)

SPAIN (Cf Sept LN-14) The R. Reloj DX program ended after the 8/9 broadcast, since Jaime Bagueña García has moved to Holland (RN Espacio DXista 7/9). He was co-hosting Espacio DXistas itself with Alfonso Montealegre 21/9 (gh)

SRI LANKA R. Monitors International, Sun 1100 on 11835 15120 17850; 1400 on 6075 9720 15425, plans these upcoming features: 7/10 Interesting VOA xmters. 14/10 Ship Broadcasting, Part 3. 21/10 RKS Singapore networks. 28/10 Asia Edition, Austrian SW Panorama. 4/11 Ship Broadcasting, Part 4. 11/11 Radio Broadcasting on Gibraltar. 18/11 Radio Broadcasting on Andaman Islands. 25/11 Radio Broadcasting on Puerto Rico. 2/12 RCI DX Digest on sunspots. 9/12 Broadcasting from Mount Everest. 16/12 R. Australia 40th Anniversary. 23/12 Xmas - the Story of Gospel Broadcasters. 30/12 New Year - Review of 1979 (RMI via NASWA HQ) The 21/10 pgm also contains ARDXC's "World At Your Fingertips International" part 3 of 3 on the history of Australian broadcasting. Special ARDXC QSLs available for 2 IRCs air, 1 if by sea (Padu)

U S A WUOT's 'Shortwave Review' has been rescheduled on 91.9 MHz FM to Sat & Sun 0900-0915 EDT/EST in two different parts and renamed 'World of Radio'. Combined into a weekly 30-min program, it is available on a noncommercial basis to other radio stations; contact gh (no)

Re DX net, I have been on 21365 every Sun at 1600 for about one hour calling CQ, with no response except first week, partly due to propagation problems. I will keep trying thru 13/10, and on 4/11 switch to 40 meters, 7240 at the same time, 1600Z, hopefully with better luck (unless the 15m response improves during the next few weeks) (Al Mayer, WD9IRV, IL, 14/9)

U S S R (Cf Sept LN-12) The 2211 airing of R. Moscow DX program is apparently Wed, not Thu (gh) The edition on the NAM svc, Sat 2332, Sun 0132 & 0332, is a shortened version of that on the RMWS (RM DX pgm 8/9) I compared and it seemed only a musical break was cut out (gh)

PROGRAM NEWS **CANADA** October sees the return of some CBC comedy shows: Mondays from 1/10, at 8:04 p.m., and presumably at 2304 via CBC NS 6195 and 9625, "Dr. Bundolo's Pandemonium Medicine Show". Saturdays 11:30 a.m., (1530 on NS 11720 and 9625) "Private Lies or Gee, That's A Cute Dress Marjane" (30 mins of fun and satire starring Nancy White, Gay Claitman, John McAndrew). Sundays 1:05 p.m. (1705 on NS) "Royal Canadian Air Farce" returns for its 7th season, with "Farewell to the Trudeau Years", sketches from past seasons 7/10; "The Making Of A P.M.", Joe Clark sketches from past shows, 14/10. Panel game "Yes, You're Wrong" returns Fri 8:04 p.m. (2304Z). "People in Landscape" 2:04 p.m. (1804Z) expands to Mon-Thu; Fri at that time National Schools with sound poetry (CBC Guides)

COLOMBIA R. Colosal, 4945, has a pgm of interest to DXers, "Contacto con el Mundo", with Gabriel Veloz Ortiz answering reports & letters, with music and info about Colombia, at 0430-0530 GMT (Rogildo Fontenelle Aragão, Cochabamba, Bolivia, SCDX 21/8) A nightly program, makes interesting listening in general (Pitt McNeil, DC) A stn hard not to hear (gh)

ISRAEL In response to popular demand, Kol Israel will inaugurate 5/11 a 20-week Hebrew language course for EG speaking listeners. "Ulpan of the Air" will be on Mondays at 1220 on 21675 i.a.; but the repeats Weds 2020 7412½ & 9815; and 2250 on same plus 11655 11985 should provide better reception. Also there is easy Hebrew news daily at 0454-0500 on 9835 11655 11985. Further info, including complete manuscripts for all Ulpan lessons, is available free upon request from Kol Israel, Box 204, Cheltenham PA 19012 (Larry Magne, PA)

ITALY RAI now has an Italian language lesson in one of its EG broadcasts, to Great Britain, Tue & Thu 1945-1955 on 11800 9710 7275. To the Americas there is an Italian lesson in the Italian broadcasts, GMT Tue 0015-0025 & Sun 0010-0020, on 11800 9575 to NAm, 9710 to CA, 15250 11905 to SA (gh)

SA'UDI ARABIA With the installation of new powerful xmtrs and strengthening the old ones, the Holy Koran radio svc is being clearly received from Mecca in the USA, says Dr. Muhammed Abdu Yemani, Info Minister. He says the svc is being relayed specially to the US at the request of America's Muslim students, and he has issued instructions to start a nx bulletin on the same wavelength. The svc broadcasts religious pgms with a view to explaining Islamic culture and acquainting listeners with Islamic history and civilization and the way it influenced the world. On 15060 and others (SWNS 9/79 from Saudi Gazette, 27/6)

U K O G B A N I What's Her Honor Blackman of 007 fame been doing lately? Well, she plays the role of Barbara in "Man in Space", a BBC WS Play of the Week, 20/10 1830, 21/10 0030 & 1130 lasting 90 mins. North Americans interested in events in SAs can hear "South Asia Survey" Sats 0145-0200 on 9410 only; likewise "This Week" in Africa, Sats 0335-0400 on 9580, 1500-1530 on 17690, among other times (Oct London Calling)

VENEZUELA If you want to hear if you've won the Venezuelan Lottery, R. Mundial Bolívar 4770 "La emisora de la lotería" has results daily at 0220 (Pitt McNeil, Washington DC)

PUBLICATIONS

Revolution by Radio recounts the rise of Radio Sandino, my DX LISTENING article in the November POPULAR ELECTRONICS now on sale (gh)

WRTVH 1980 pre-publication order price of \$11 expires 20/10. After that date the price will be \$13. Delivery of the 1980 edition, to be air-freighted from the London printers and re-shipped UPS from Riverside, CA is expected between March and May 1980; all profits will be turned over to the Handicapped Aid Program. All orders should contain a SASE for confirmation after shipment has been made. A number of copies of the 1979 WRTVH are still available at \$14 ppd. Any copies remaining after 1/11/79 will be closed out at \$9 each ppd, first come, first served. (Don Erickson, 6059 Essex St., Riverside CA 92504)

NBC Music Cassettes PNG NBC markets a wide range of music cassettes featuring local artists performing their own compositions as well as popular overseas ones. A large selection of modern PNG folk music, top dance bands, country-rock ballads. Among 28 titles listed are "An Evening with the Line Cousin Ladies", "Cyclonic Band of Misima", "The Husats of Goroka", "Rockin' Rabaul", etc., @ Kina 3.75 each, including postage. Enquire to: NBC Cassette Sales, P.O. Box 6518, Boroko, N.C.D., Papua New Guinea (via Syd Osterman, Ont.)

Radio y Técnica (Cf May LN-12) has not been published recently due to financial problems (Juan de J. Peralta, Santo Domingo DX Club, via RN Espacio DX-ista 1/9)

Many Reasons Why, a book drawn from the BBC WS series seeking the roots of American involvement in Vietnam; by Michael Charlton & Anthony Moncrieff (Hill & Wang, \$5.95) who let us see how the mandarins who conduct our foreign policy think and operate. There is no sign of regret or that many of them have learned anything from the war (John Gabree, Newsday 12/8, via Richard Stoller)

Radiographics Books, Box 18492, Cleveland Hts OH 44118, catalog old radio books - 5 issues \$1 (Hugh Miller, Seattle WA)

Soho News 21/12/78 (NYC newspaper) article says some of last of FCC's 2 years of tapes of Jonestown-USA SW radio traffic suggested big trouble in store, especially if colony visited by investigators. Jonestown had own pix QSLs too (Hugh Miller)

Village Voice 21/5, in this unlikely setting, an outstanding article on Edwin Armstrong, inventor of the superhet, superregen, FM broadcasting--his inventions, the endless lawsuits, and his tragic end (Miller)

Freedom, Scientology magazine 5/79, professed former CIA agent says operatives in Cuba 1971 used handheld 25 watt set which transmitted voice in screeches to foil DFers--spoken words being condensed to 1/10 their normal length (Hugh Miller)

Confidential Frequency List #4, many I sold at ANARCON 79, but I have some left @ \$6.95 ppd by bank or postal money order; sent same day orders received (Don Dickey, 9130 12th Ave S, Minneapolis MN 55420)

NE Front Line "World's first and only DX magazine specializing in Indo-China", latest monitored info; language lessons; full schedules of programs; historical and current articles on legal and clandestines. Sample 4 IRCs or \$2 (Isao Ugusa, 1-3-10 Mikage-yamate, Higashinada, Kobe 658, Japan) back issues also available, ask for list; ex-(New) Far Eastern DX Review

LAST MINUTE ITEMS ANGOLA (Cf LN-3) Checking further to see if any stns are still AN, on 23/9 5100 2300*, 7000 2320*; 4820 not heard past 2400, but not certain if signed off (Jean-Jacques Bloch, MD)

BOLIVIA Some info direct from the stns concerned: 107) R. San Miguel is on 3220 (tho reported on 3353), 1 kW, sked 0900-1700 & 1900-0300. 103) R. Paititi on 3255 is 1 kW, 1130-0400. 110) R. Charcas on 3330 (tho reported on 3396), 0.3 kW, sked 1100-1600 & 2100-0300 (WRTH LA)

BRAZIL Ultimately from WRTH LA News: new stn on 3325 is Soc. Civil R. Dif. Universitária de Marulhos, SP, 5 kW.; new on 3520v is R. Transamazônica, Senador Guimard, Acré, to 0400* (Robert Veltmeijer; 3325 item was from Cláudio Moraes) 449) on 4825 R. Educ. de Bragança says it's 5 kW ZYK364 at 0830-0200; new on 4905 is 1-kW R. Araguaia, city of same name in GO state (SWB). 124), R. Cultura, Foz de Iguaçu has 5 kW now on SW 6100, 1200-1500 (Moraes). 111) on 6195, ZYJ467 is now R. Capital, ex-R. Continental (GS--whoever that is)

CANADA Stephen Freygood has been heard again on CBC Monday "Morningside" second hour, around 10:05 a.m. EDT (Louis Goldstein, MA) Presumably with his entertaining "Sounds of Shortwave" review; this would be on the CBC NS at 1405+ Mondays, 9625 & 11720 (gh)

CLANDESTINE/PIRATE European Music Radio is on every 3rd Sun of month at 0900 past 1200 local (GMT + 1) on 48 & 41m. Includes Free Radio pgm at 1020, DX pgm at 1045 (Gordon Darling, JDXC Sept) R. Enoch noted blasting out with claimed 5 kW PEP 1000-1030 on 7350 (Barracough) V. of Hope The stn is being set up by some 30 American technicians. Stn mgrs promised they would open with a new song, "The Good Fence", written especially for the stn by Pat Boone. Johnny Cash has also pledged to be heard live on the stn, they said (Jerusalem Post 6/9 via Michael Fine, Sinai) R. Freedom via Madagascar is hrd daily 1800-1855 on 6135 (Miki Včelař, RSA, via Steve Webster, RCI DX Digest 24/9) R. USA, hrd 9/9 with definite ID, kept going on air, played no mx, 0404; gave addr with zip code starting with 92 or 95. Maybe IDed also as R. Northward, R. North or R. New York City. Muick says it might be a V. of Venus venture. Pse QSL: Mike MacCollum, 8908 Pickwick Dr, Indianapolis IN 46260) Got QSL from "WDAB" confirming their first xmsn, 8/7 0403-0417* They then used a 20' antenna instead of the 35' now in use. Also hrd 15/9 0150-1315*, good strength, playing old tape; 16/9 0305-0317 again very strong, recently made tape (Mike MacCollum, IN)

FRANCE As of 30/9, RFI "Paris Calling Africa" moves back to 1700-1800 due to standard time. Fqs now listed are: Naf 11730 15360 11845 11705 15300. Af & Ind Oc: 15360 17720 21675 17850 11580 17795 21620 17860 (via Richard Varron, NJ)

GABON (Cf LN-4) Tests started 17/9, and will run daily exc. Sunday for 6 weeks, to Af/ME/Eu/SAM; after this the Moyabi stn will likely carry RFI relays. TDF is running the tests, at 0400-0500 on 21525 15200 11945 11915 9710. Times will alternate week to week between 1400-1200 and 1300-2100. The week of 23/9 they are at 1300-2100: From 1300 on 21475 17835 17820 15270; later in the day on 15415 15325 11755 11720 may be used; not necessarily in parallel. There will be half hours announced in AR, EG, FR. "Africa Number One" is the name of the xmtr site holding company (Richard Measham, BBCMS, BBC WRC 23/9)

GUATEMALA R. Rumbos putting in a good signal, SINPO 35343, strongest stn on 120 mb, 23/9 at 0618 with ID and inaccurate time check, on 2420, 2 x 1210; weaker unID on 2400 (gh)

HONDURAS R. Progreso, 4920 10 kW sw.tx.change soon px: 1000-0500 (stn via WRTH LA Newsletter 7/79) Sic. If you think abbrs. are bad in LN, you should try to figure out this (gh)

HUNGARY R. Budapest "DXers' Weekend" resumes weekly airing in Oct, Sats 2100, Suns 0200 & 1300 xmsns: 7/10: Psychologists, economists and viewers on Mondays Without TV; 14/10 Radio & TV as importers of equipment and programmes; 21/10 The age of entry into the world of the radio amateur. 28/10: Stereo and the big manufacturers of communications equipment (Varron)

INTERNATIONAL WATERS R. Del Mare hrd on new 1612 kHz, at 2200 with nonstop mx and jingles (Dahlqvist, Sweden, SCDX 25/9) Under the arcane logic rampant in North American DX circles, that makes it an "SWBC" station now (gh)

AURITIUS Ed Kusalk has received a letter from MBC which says 9710 signs off at 1300, and 855 (not 4850) continues after that hour (Steve Webster, RCI DX Digest 24/9)

PERU Stn 165) R. Corporación, 6170, 1 kW gives its sked as 1100-0500 (WRTH LA News 9/79)

PAIN REE S79 EG to Eu: 2005-2200 on 9685 11840; 2105-2200 on 7105. 9685 is Noblejas, the other two Arganda (REE)

YRIA (Cf Sept LN-5) R. Damascus has been hrd again on SW: 7145, French 0800-0900, EG 0900-000 (Offer Barth, Israel, SCDX 25/9)

VENEZUELA Stn 21) R. Pto. La Cruz is on 2370 ex-3365; and 9680 (EDutilh /sic/, WRTH LA Nx) VQV, stn 78) on 1170, R. Acarigua, also has a SW freq of 5000 (sic) (same credit as above)

IDENTIFIED 5549 Lam 12/9 1040 peppy mx, fqt anmts, hardly a word caught; 1059 definite SF, then mostly gone. Bolivia? 5 x 1110? (gh) 6910.5 25/8, 6913.5 26/8 what is the isian (sounds Chinese) hrd around 1030-1100? (Jerry Berg, MA) 11970 Qur'an hrd 9/9 0045, may over-Rabana; who? (Jay Novello, Endwell NY) 14380 clandestine, sporadic but commonly 1900-2000, overmod AM, continuous background-type mx, no voice; "MSM" in Morse every minute; or 3 times a week, last 21/8 (Shawn A. Sabo, Frankfurt GFR) Why assume it's clandestine?



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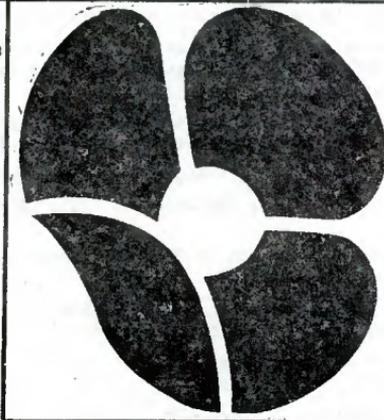
Sam Barto, NASWA QSL Editor
245 Cherry Ave. J-11
Watertown, Conn. USA 06795



AFGHANISTAN: R. Afghanistan 15075 f/d "Buddah" cd. in 33 ds. for 2 IRCs (required by station). (Cucura-PA).
ALBANIA: R. Tirana via Gjirokaster on 5057 in 11 wks. (Sparks-CA).
ANTIGUA: BBC 9510 n/d cd. in 19 ds. (Scott-ONT). in 81 ds. for 1 IRC. (Ewenstein-NY). DW 5960 sticker and cd. in 80 ds. for 1 IRC. (Labossiere-CT). in 1 mo. w/ sticker. (Saylor-PA). BBC in 6 wks. (Saylor-PA).
ARGENTINA: RAE "Logo" cd. in 73 ds. (Johnston-NY). in 8 mo. for an EG rpt. (Leithner-TN). in 62 ds. (Plotnick-CT). in 84 ds. w/ blue and white pennant. (Moore-PA). in 3 mo. (Wallace-HI).
ASCENSION: BBC 7105 n/d "Tower" cd. in 70 ds. for 1 IRC. (Labossiere-CT). VOA 21490 f/d cd. in 16 ds. v/s Wayne Green. (Klein-FL)...All VOA sites QSLed
ASIATIC RUSSIA: R. Moscow via Kenga on 11960 w/ f/d cd. in 42 ds. (Tuchscherer-WI). via Vladivostok on 15130 in 3 wks. (Saylor-PA). via Petropavlovsk Kamchatsky on 12030 in 30 ds. First soviet site for me! (Brouillette-MI) Great! Only about another 60 or so to go!...Sam. same in 43 ds. (Concannon-CA). via Khabarovsk on 12050 in 21 ds. (name?). via Komsomolsk-on-Amur on 12010 in 42 ds. (Tuchscherer-WI).
AUSTRALIA: V1Q2 9660 via Brisbane f/d "Map" cd. in 28 ds. for 1 IRC. (Buer-FL) VNG 12000 via Lyndhurst "Melbourne Skyline" cd. in 23 ds. for 1 IRC. v/s G. Matthews. (Semesky-IN). in 11 ds. (Dittrich-FL). in 14 ds. for 1 IRC. (Buer-FL). VLW2 9610 via Wanneroo w/ f/d cd. in 17 ds. for 1 IRC. (Sears-OH). in 23 ds. for 1 IRC. (Buer-FL). in 17 ds. for 2 IRCs. (Carbis-CA).
R. Australia via Lyndhurst on 15240 cd. in 23 ds. (Concannon-CA). w/ f/d "Possum" cd. for 15160 in 21 ds. (Scott-ONT). via Shepparton on 17795 & 21740 in 23 ds. (Concannon-CA).
AUSTRIA: ORF 15260 f/d "SW Complex" cd. in 50 ds. (Witte-CA). 9770 w/ "Lover" cd. in 102 ds. (Dittrich-FL). in 79 ds. w/ "Moosbrunn" cd. for 1 IRC. (Dieckmann-MO). same in 60 ds. (Dittrich-FL). 21475 w/ blue and silver cd. in 38 ds. (Dieckmann-MO). 21460 w/ cd., pennants and stickers in 19 ds. for 1 IRC. (Cucura-PA). 15285 in 16 ds. for a FR rpt. (Cucura-PA). 11705 w/ f/d cd. in 30 ds. (Byron-NY). 15170 w/ f/d cd. in 7 wks. (Alexander-PA).
BIAFRA (NIGERIA): FRC 4755 via Owerri n/d form ltr. in 6 wks. for 2 IRCs. (Lodell-MA)...Don Jensen, Country List Chairman has confirmed that the * Owerri site is indeed located within the former breakaway state of BIAFRA in Nigeria. Thank you Don...Sam.
BOLIVIA: R. Mamore 4750 f/d ltr. in 54 ds. for a SP rpt. and ms. v/s Lucio Montan Escobar-Director. Post card was also rcvd. (Pineault-QUE).



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MINISTRY OF INFORMATION
AND BROADCASTING
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KAMPALA, UGANDA.



BRUSSELS CALLING!

via Greg Danylchenko

BRT's
international
SW station

BOLIVIA: R. Fides 4845 cd. in 28 ds. for a SP rpt. and ms. v/s Eduardo Perez Iribarne. My first Bolivian! (Onken-IL). same in only 12 ds! (Krueger-FL).
BONAIRE: R. Nederland 9590 f/d "Anniversary" cd. in 2 wks. (Grenier-CA). same for 15220 in 31 ds. (Blom-NY). same for 6165 in 8 mo. w/ sticker and pennant. (Byron-NY). 17695 w/ "Tom Meyer" cd. in 26 ds. (Byron-NY). TWR 11925 f/d "Antenna" cd. in 16 ds. for 3 IRCs. v/s Deborah Roeshot. (McCants-LA)
BORNEO (KALIMANTAN): RPDKD Tk 2 Bulungan 2976 IN ltr. in 17 ds. for IN rpt. and ms. v/s Beknal Arief, Kepala. (Sparks-CA)....Very Nice!
BRASIL: R. Bras 15290 n/d form ltr. in 23 ds. for ms. (Sears-OH). same in 40 ds. from Reginaldo Azevedo for an EG rpt. and 2 IRCs. (Pickard-IL). 15280 in 45 ds. for 1 IRC. (Labossiere-CT). in 5 mo. w/ sticker. (Moeller-ONT). in 22 ds. w/ sticker for 5 IRCs (don't waste your money!) (Haskete-IN).
R. Borborema 5025 cd. in 16 mo. for a PT rpt. and 1 IRC. (Pineault-QUE).
R. Nacional de Boa Vista 4835 PT ltr. in 7 wks. v/s Carlos Alberto A. de Souza. (Barto-CT). in 139 ds. for ms. (Pineault-QUE). in 86 ds. for ms. (Hoffman-PA). R. Cultura de Araraquara 3365 f/d ltr. in 20 ds. for a PT rpt. (Sears-OH). in 1 mo. for ms (not used). v/s Antonio Carlos Rodrigues dos Santos. (Lobdell-MA). R. Dif. de Macapa 4915 f/d personal ltr. in 1 1/2 yrs! for a PT rpt. and ms. v/s A. Nogueira de Souza, Gerente. (Lazarus-LA). R. Ribeirao Preto 3205 post cd. in 6 wks. for a PT rpt. and ms (not used) (Lobdell-MA). R. Bare 4895 ltr. in 7 wks. for a PT rpt. and ms. v/s Antonio Carlos Simoes, Director. (Dileo-CT). R. Relogio Federal 4905 f/d post cd. in 201 ds. for a PT rpt. and ms. v/s Ribas Bruno, Gerente Tecnico. (Hoffman-PA). R. Dif. do Maranhao 4755 n/d ltr. in 4 yrs! for a PT rpt. and ms. (Lazarus-LA).

BRUNEI: RTV Brunei 7215 n/d cd. in 2 mo. for IRCs. (Lazarus-LA).
BULGARIA: R. Sofia 15330 f/d "Zlatni Pyassatsi" cd. in 49 ds. (Brouillette-MI). 11920 in 63 ds. (Shaffer-IN). 15135 w/ f/d "Kukery" cd. in 2 mo. (Mathews-OH).

BYELORUSSIA: R. Moscow via Minsk on 15150 cd. in 3 wks. (Saylor-PA).

CANADA: CFCX 6005 cd. in 50 ds. (Scott-ONT). in 12 ds. (Klein-FL). in 1 mo. (Krueger-FL). in 67 ds. for ms. (Clifford-WA). in 92 ds. w/ "Studio" cd. (Labossiere-CT). CKZU 6160 via Vancouver w/ cd. in 2 wks. for 1 IRC. (Saylor-PA).

* CKFX 6080 f/d cd in 3 wks. v/s Larry Howell and J. Walmsley. 10 watts!!! (Mathews-OH). RCI 6120 "WARG" cd. in 16 ds. (Shaffer-IN). 11945 in 1 mo. v/s Ian McFarland. QSLed in person at ANARC (Wala-CA).



UAKCHOTT

RADIO M

NOTE: I am all out of QSL Column report forms. Write out your reports as they appear in this column and I'll get them in for you...Sam.



Radio France
Internationale

CANARY: REE 11880
cd. in 31 ds.
(Blom-NY). 15365
"Malaga" cd. in
5 wks. Site was
written on cd.
(Matthews-OH).

CHILE: R. Universidad
de Concepcion 6135 cd. &
ltr. in 67 ds.
v/s Carlos Godoy
Rocca, Dir.
Pennant rcvd.
(Hensley-TX).
same in 24 ds.
(Klein-FL).

CHINA: R. Peking 15520 "Yangshuo" cd. in 21 ds. (Fraser-MA). same in 28 ds.
(Semesky-IN). 17680 f/d "Medic" cd. in 17 ds. w/ badge. (Brouillette-MI).
* in 18 ds. (Sears-OH). PBS Guizhou 3260 EG cd. in 2 wks. (Sparks-CA). PBS
* Yunnan 6937 EG cd. in 17 ds. (Sparks-CA). PBS Nei Menggu (Inner Mongolia)
6840 EG cd. in 17 ds. (Sparks-CA).

COLOMBIA: La Voz del Cinaruco 4865 "Map" cd. in 250 ds. for a SP rpt. v/s
Mario Fric. (Hoffman-PA). in 4 mo. w/ sticker. (Twiggs-CT). in 81 ds. for
a SP rpt. and 2 IRCs. (Pineault-QUE). R. Guatapuri 4815 f/d ltr. in 32
ds. for a SP rpt. and ms. v/s Dalvis Larrazabal M. (Brouillette-MI). in
34 ds. w/ pennant. (Plotnick-CT). in 74 ds. w/ pennant for
a SP rpt. (Klein-FL). Emisora Meridano Setenta 4926 ltr.
and pennant in 5 wks. for a SP rpt. v/s Manual Humberto
Lopez Sanchez. Addr: Calle 14 #20-53, Ap. Aereo 18207.
(Barto-CT). Emisora Nueva Granada 6160 photo cd. in 5 wk
(Barto-CT). R. Super de Cali 6130 cd. and personal ltr.
in 2 mo. v/s Hernando Villalba C., Correspondencia. Addr:
Ave. 2a, E. Norte No. 24-114, Cali
* (Barto-CT). La Voz del Cauqueta
5035 post cd. in 6 mo. for a SP
rpt. (Bloch-MD).

COSTA RICA: R. Casino 5954 B&W cd. in
71 ds. w/ pennant. for a SP rpt.
and 1 IRC. (Moore-PA). same in 1
mo. for a SP rpt. v/s Luis Sanky
R., (Leithner-TN). R. Noticias del
Continente 9614 cd. in 21 ds. for
a SP rpt. and 1 IRC. (Krueger-FL).
9615 post cd. and a personal ltr.
in 15 ds. for 5 IRCs. (save your
money!) (Haskett-IN). TIFC 5055
f/d cd. in 108 ds. for an EG rpt.
and 1 IRC. (Labossiere-CT). same
in 5 mo. (Defeyter-MI). R. Reloj
Mike Hardester received a chain
type ltr. from Manuel Antonio Cha-
con Najera after sending a rpt.
to R. Reloj. Any others experienc-
ing the same situation?...Sam.

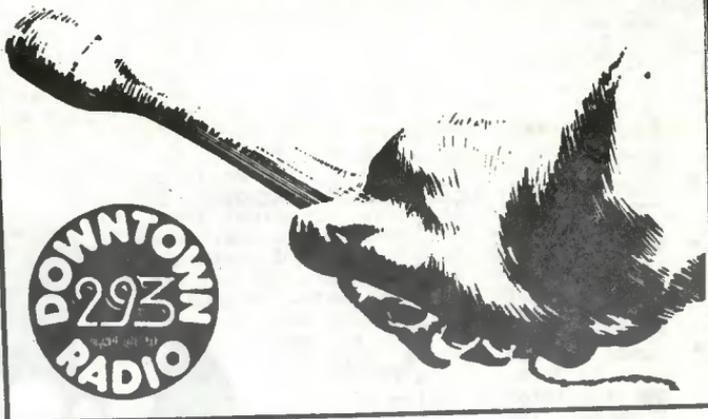
CUBA: RHC 17750 f/d cd. in 135 ds.
(Fraser-MA). 11930 f/d cd. in 106
ds. (Shaffer-IN).

CYPRUS: CBC 9695 "Montage" cd. in 3
wks. for 1 IRC. (Saylor-PA). BBC
n/d cd. in 6 wks. (Saylor-PA).

CZECHOSLOVAKIA: R. Prague 11990 f/d
"Castle" cd. in 61 ds. (Brouillette
-MI)...Continued on next page...

JAPAN

(1ST Program) JOZ, 3 925MC JOZ, 6 455AM JOZ, 4 595AM 50K1
JOZ, 3 945AM 10KW/5 30.8 00AM 5 00 12 50PM
(2ND Program) JOZ, 3 945MC JOZ, 7 230MC
JOZ, 4 760MC 110 00AM-7 00PM 10KW



CZECHOSLOVAKIA: R. Prague 7345 cd. in @ 1 mo. (Witte-CA). same w/ "Costume" cd in 50 ds. (Fraser-MA). 5930 f/d "Castle" cd. in 41 ds. (Plotnick-CT). 11990 cd. in 38 ds. (Dieckmann-MO). in 6 wks. v/s Ing. Otto Adrian. (Matthews-OH) same w/ "Church" cd. in 50 ds. (Byron-NY).

DOECANESE (RHODES): VOA 5965 f/d cd. w/ inaccurate info. v/s Wayne Green. (Klein-PL). 6015 in 3 wks. (Saylor-PA). 9715 in 9 ds. (Blom-NY).

DOMINICAN REP: R. Clarin 11700 large multi-colored cd. in 1½ yrs! for an EG rpt. and 2 IRCs. (Danylchenko-ONT).

ECUADOR: HCB 9745 f/d "Pottery" cd. in 40 ds. (Concannon-CA). 15115 f/d cd. in 26 ds. for ms. (Byron-NY). Ondas Azuavas 4980 f/d cd. and a nice pennant in 156 ds. for a SP rpt. and ms. v/s Dr. Jose A. Cardoso F., (Hoffman-PA). same in 68 ds. for a SP rpt. and ms. (Moore-PA).

ENGLAND: VOA 7200 f/d cd. in 2 wks. (Saylor-PA). RCI 17860 via Dav-entry in 15 ds. (Clark-AZ).

ETHIOPIA: Voice of Revolutionary Ethiopia 9615 in 2 mo.
 * for an EG rpt. and 2 IRCs. (Wala-CA).
 * ETLF R. Voice of the Gospel 11910 personal EG ltr. from former station manager Rev. M. Lundgren via RVOG headquarters in Switzerland. All this in 1 yr. (Smallwood-AL).

EUROPEAN RUSSIA: R. Moscow via Armavir on 15275 cd. in 3 wks. (Saylor-PA). f/d new "Olympic Bear" cd. in 1 mo. (Gliksman-IL). via Moscow on 15270 w/ f/d cd. in 21 ds. (Fraser-MA).

FEDERAL REP. OF GERMANY: DW 11865 "Antenna" cd. in 66 ds. for 1 IRC. (Haskett-IN). VOA Munich 6060 f/d cd. in 15 ds. (Leithner-TN). Sender Freies Berlin 6190 n/d cd. in 17 ds. w/ sticker. (Leithner-TN).

FINLAND: FIR 15400 f/d "Architecture" cd. in 45 ds. for 1 IRC. (Labossiere-CT).

FRANCE: RFI 25900 revd. only a sked in 13 ds. for 1 IRC. (Brouillette-MI). 21580 f/d "Subway" cd. in 25 ds. for an EG rpt. and 1 IRC. pennant also revd. (Fraser-MA). same in 21 ds. w/ pennant and a bumper sticker. (Baxter-KS). in 69 ds. w/ new style pennant. (Johnston-NY).

GALAPAGOS: La Voz de Galapagos 4810 pennant only in 3 mo. for a SP rpt. (Twiggs-CT). same in 85 ds. (Moore-PA).

GEORGIAN SSR: R. Moscow via Tbilisi on 11805 w/ PA. f/d cd. and a personal ltr. in 1 mo. for 1 IRC. v/s Miss Elena Rogova. RMWS Dept. (Lazarus-LA).

GERMAN DEM. REP: RBI 11890 f/d cd. in 53 ds. (Moore-PA).

GHANA: R. Ghana 3366 f/d cd. in 98 ds. for 1 IRC. (Labossiere-CT).

GREECE: Voice of Greece 9515, 9655 and 11730 f/d cd. -CT). in 47 ds. (Kremer-DE). 11730 ltr. in 45 ds. (Johnston-NY). VOA 15160 "Scenes" cd. in 3 wks. (Saylor-PA).

GUATEMALA: TGNA 3300 "Quetzal" cd. and a "Miss Guatemala" cd. in 5 wks. w/ calendar and sked. (Saylor-PA).

HAITI: Radio 4VEH 11835 f/d "Childrens" cd. in 175 ds. for an EG rpt. and ms. v/s Mrs. Edna Beachy. (Clifford-WA). in 8 mo. for * 1 IRC. (Dittrich-FL). R. Citadelle 6155 personal ltr. in 8 mo. for a PR rpt. and ms. v/s Emmanuel C. Eugene, Director. (Lazarus-PA).

HAWAII: WWVH 10000 f/d "Aloha" cd. in 15 ds. (Semsky-IN). -LA).

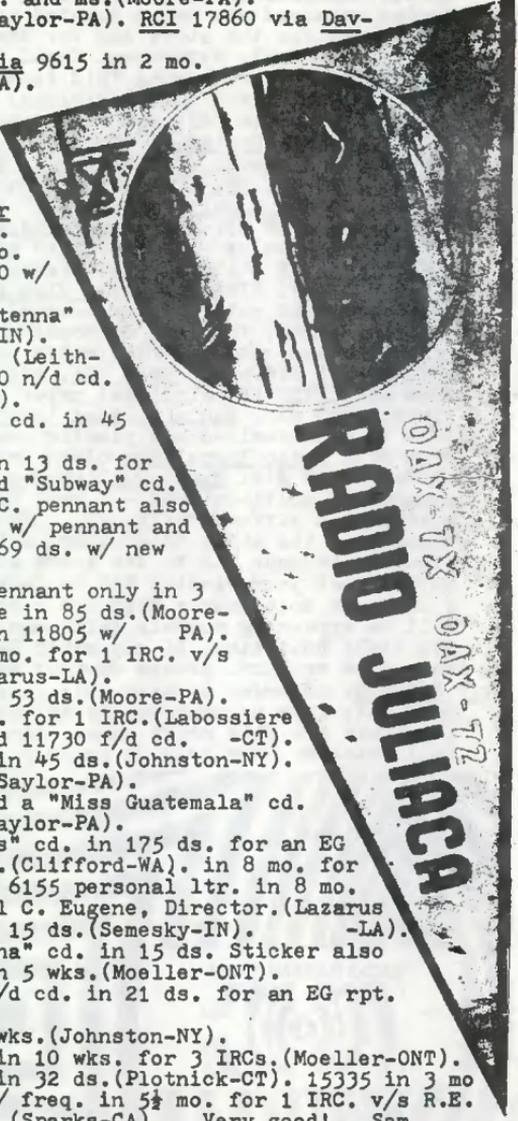
HOLLAND: R. Nederland 9715 f/d "Antenna" cd. in 15 ds. Sticker also revd. (Baxter-KS). 17695 f/d cd. in 5 wks. (Moeller-ONT).

HONDURAS: La Voz de Evangelica 4820 f/d cd. in 21 ds. for an EG rpt. and 1 IRC. (Gliksman-IL).

HUNGARY: R. Budapest 15220 cd. in 14 wks. (Johnston-NY).

INDIA: AIR 11620 f/d "Fort Agra" cd. in 10 wks. for 3 IRCs. (Moeller-ONT). in 51 ds. (Scott-ONT). "Boar" cd. in 32 ds. (Plotnick-CT). 15335 in 3 mo (Barto-CT). AIR Bhopal 3315 cd. w/ freq. in 5½ mo. for 1 IRC. v/s R.E. Bhatnagar, Asst. Station Engineer. (Sparks-CA)...Very good!...Sam.

IRAQ: R. Baghdad 9745 "Map" cd. in 24 wks. (Johnston-NY). cd. and pennant in 88 ds. (Moore-PA). in 39 ds. for 1 IRC. (Labossiere-CT).



HELP WANTED: I would appreciate it very much if any of our members could translate a one page letter from English into Portuguese. I also need this same letter translated into Spanish. This project is part of our overall HAP fund raising efforts for this year. Your assistance will be greatly appreciated.....Sam.

HAP AUCTION: We are now embarking on a new fund raising season for HAP. The following stickers and decals are now available at \$.25 each or 5 for a dollar. Radio Budapest, WRSC, WZNT (Puerto Rico), Radio City-194 (BBC), Radio Vatican, Voice of Free China, CFMI, WMNI, WCAV, WBET, WSRS, KRNA, WHAY, CKNW, WNIU, Radio Aberdeen (BBC), and BHA (Australia). We also have the following available at the quoted prices: Radio Wales sticker at \$.50. Radio Vatican sticker-pennant at \$.50. WJIB "Sailing Ship" wall poster at \$.50. This is suitable for framing! BBC Local Radio metal badge at \$.25. 6TZ Coaster from Australia at \$.25. Radio Belgium paper pennant at \$1.00. Radio Nederland cloth pennant at \$1.00. Radio Ulan Bator paper pennant at \$1.00. Minimum order of \$1.00 please. No SASE is required by a few stamps would be appreciated. We have thousands of other items available for future HAP sales. Hundreds of items are being received weekly. Remember, all of the monies received are being donated to the Handicapped Aid Program. Place all orders for the above and for the "Bid Items" below to: Sam Barto, 245 Cherry Ave. J-11, Watertown, Conn. 06795...Thank you.

HAP BID ITEMS: The following "Bid Items" are now being offered to you. Please submit your bid for each individual item you wish to purchase. The highest bid wins the item. All monies are donated to HAP.

ITEM #1. Radio Guatapuri (Colombia) cloth pennant. (6.5x11") white, green, blue, red and black. ITEM #2. Radio Monte Carlo sticker. (6x2.5") red and white. ITEM #3. RFI (France) sticker. (8x3") black, red, blue and white. ITEM #4. Radio Kuwait "paper flag" emblem-pennant. (8.5x3.5") red, green and white. ITEM #5. Radio Newfoundland-VOCM stickers. 2 different (14x3") and (5.5" circular) both stickers are yellow, black and white. ITEM #6. Australian BCB stickers. 5 different-2UW, 3LO, 4AY, 4QR and 7SD. These are multi-colored. ITEM #7. Radio Ulan Bator vinyl pennant. (13.5x9") red, white, blue and gold. A real beauty! ITEM #8. WJIB license plate. (12x6") blue and white. This can be mounted on your car! ITEM #9. Radio Budapest cloth pennant. (4x7") green, white, red and gold. ITEM #10. Australian BCB stickers. 5 different-3MP, 4GY, 4ZB, 5DN and 6IX. These are multi-colored. ITEM #11. FEBC (Philippines) paper pennant. (9x4") red, white, blue and black. ITEM #12. Radio Baghdad International paper pennant. (6.5x7.5") This is double-sided and plastic coated. green, white, black, red and yellow. ITEM #13. Radio Yugoslavia cloth pennant. (5x7") double-sided blue and silver. ITEM #14. Radio Quillabamba (Peru) cloth pennant. (12.5x5.5") This pennant is multi-colored - a real beauty! ITEM #15. New Zealand BCB stickers. 5 different-1Z0, 2ZA, 3ZM, Radio Northland and Radio Taranaki. Winners of the above "Bid Items" will be announced in the December bulletin. Submit your bid to the above address. No checks please - you will be notified of your winning bid in December...Thank you.

I am proud to announce that the above HAP fund raising effort for 1980 will be appearing monthly (with many different items) in both the ASWLC and NASWA bulletins. If any other DX clubs would like to participate in this fine venture, please contact me.... 73's Sam.

HAP HELPERS: In order to make this years fund raising effort a success, I need help from as many people as possible. If you would like to donate a few hours for this needy cause, please send me a regular size SASE for full details. Your help is greatly appreciated...Sam.

RADIO HABANA CUBA



Estimado radioescucha:

Gracias por su reporte de recepción de nuestras transmisiones en la frecuencia de 9525 KHz, 31 Ma. el 1-179 a las 07:00 GMT via Don Minor

ISRAEL: IBA 11655 f/d "Windmills" cd. in 23 ds. (Schlaugat-WI). same in 37 ds. (Byron-IL). in 40 ds. for 1 IRC. (Fraser-MA). same in 12 wks. (Clark-AZ). 17645 cd. in 22 ds. (Semsky-IN).
ITALY: RAI 11800 f/d "Pastori" cd. in 6 wks. for 2 IRCs. (Matthews-OH). "Vernere Dormiente" cd. in 63 ds. (Johnston-NY). 9575 w/f/d "Bellotto" cd. in 97 ds. (Dieckmann-MO). 17795 f/d "Giorgione" cd. in 103 ds. (Dieckmann-MO).

IVORY COAST: R. Abidjan 11920 "Map" cd. in 54 ds. (Blom-NY).

JAPAN: R. Japan 15195 f/d "Tachibina Dolls" cd. in 3 wks. (Matthews-OH). 15270 w/ same cd. in 17 ds. (Brouillette-MI). in 23 ds. (Schlaugat-WI). 9505 in 18 ds. (Wallace-HI). NHK 3377 via Osaka w/ f/d ltr. in 17 ds. v/s Satoshi Kimura, Public Relations Bureau. (Howard-CA).

JAVA: RKPDK Tk2 Sumedang 2728 long
 * IN hand printed ltr. in 1 mo. for IN rpt. and ms. v/s Nining Nurganti. (Sparks-CA). RIT Bandung 6012
 * IN ltr. w/ photo of Bandung Radio Institute in 7 wks. for IN rpt. and ms. v/s Anggrahito S. (Sparks-CA). R. Siaran PD Tk2 Temanggung 3155 IN ltr. in 2 wks. for an IN rpt. and ms. v/s Setyo Tjipto. Addr: Jalan Jendral Achmad Yani No. 32, Temanggung, Jawa Tengah. (Sparks-CA). RKPDK Tk 1 Jawa Timur Surabaya 3000 IN ltr. in 3 wks. for an IN rpt. and ms. v/s Maga Syahiran, Kepala Sub Bagian Siaran. (Sparks-CA)...Very interesting QSLs!...Sam.
KIRGHIZ: R. Moscow via Frunze on 17825 w/ f/d cd. in 30 ds. (Gliksman-IL). 15535 in 3 wks. (Saylor-KOREA, PEOPLES REP: KCBS 3030 via Wonsan opera PA).
 * cd. w/ freq. in 7 wks. (Barto-CT).

KOREA, REPUBLIC OF: R. Korea 9720 "Farmers Band" cd. in 37 ds. for 1 IRC. Rcvd. a purple and white pennant. (Dieckmann-MO). same cd. for 11810 in 33 ds. w/ pennant. (Wallace-HI). 9580 cd. in 32 ds. w/ a blue, silver and purple pennant. (Johnston-NY).

KUWAIT: R. Kuwait 12085 folder cd. in 287 ds. (Clifford-WA).
LEBANON: Wil Pickard reports that he has recvd. confirmation of his registered ltr. to Radio Lebanon. It arrived in Beirut. Apparently the mail is getting through. Now for the QSD

LIBERIA: ELWA 11830 f/d cd. in 20 mo. (Klein-FL). 4770 cd. in 19 mo. for 3 IRCs. (George-TX)...Slow verifier. VOA Monrovia 6035 f/d cd. in 25 ds. (Labossiere-CT). in 2 wks. (Saylor-PA). 17870 f/d cd. in 1 wk. (Dittrich-FL).

LITHUANIA: R. Vilnius 7215 f/d "Lenin Monument" cd. in 103 ds. for 1 IRC. (Labossiere-CT).

LUXEMBOURG: R. Luxembourg 15350 f/d "Antenna" cd. in 110 ds. for 1 IRC. (Gliksman-IL). same in 46 ds. for a FR rpt. and 1 IRC. (Clifford-OK).

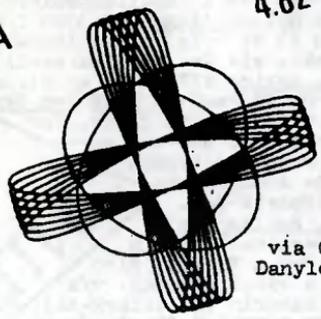
MALAWI: MBC 3380 n/d ltr. in 35 ds. for 2 IRCs. v/s L.H. Chikuni, Acting General Manager. Letter states that my rpt. was one of the most accurate seen in recent times! (Onken-IL). in 42 ds. for 2 IRCs from M.J. F. Chapama. (Onken-IL). in 48 ds. for 2 IRCs. (Witte-CA).

MALAGASY REP: R. Nederland 11730 f/d cd. in 15 ds. (Moeller-ONT). same in 102 ds. (Blom-NY).

MALAYSIA: BBC 17880 n/d "Tower" cd. in 19 ds. for 1 IRC. (Labossiere-CT).

TRENX CAN ONLY SUCCEED WITH YOUR SUPPORT

**ONDA MEDIA
1380 KHZ**



**ONDA CORTA
4.82 MHZ**

via Greg Danylchenko

**HRVC
LA VOZ
EVANGELICA**

HONDURAS

<p>I am glad that you report dated 2/14/1976 in which you had promised me some Service on 7155 KHz 2 sources Service on 7155 KHz 2 between the hours of 01:15 GMT to 01:00 GMT (check report with the rights appropriate)</p> <p><i>Greg Danylchenko</i> H.B.S.</p>	<p>WESHWHITE BROADCASTING SERVICE AMMAN - JORDAN NAME: <u>TERRY L. KRUSEN</u> ADDRESS: <u>39 South Winter Street, Lowell</u> <u>Camden, Florida 3307</u></p>
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MALAYSIA: Voice of Malaysia 15295 f/d "Map" cd. in 20 ds. w/ a fantastic pennant. (Krueger-FL). in 5 wks. for 2 IRCs. (Saylor-PA). in 90 ds. (Blom-NY). in 31 ds. w/ pennant for 2 IRCs. (Cucura-PA).

MALTA: Xandir Malta 9630 f/d ltr. in 36 ds. for 2 IRCs. v/s Victor Aquilina. (Onken-IL). DW 11865 cd. and sticker in 76 ds. for 1 IRC. (Labossiere-CT). in 1 mo. (Say-

MANCHURIA: Heilongjiang PBS 3340 f/d lor-PA). cd. in 23 ds. via Peking. (Howard-CA). 4925 in 2 wks. via Peking. (Sparks-CA).

MEXICO: R. Mexico 17765 cd. w/ sticker in 64 ds. (Blom-NY). XEQM Tsu Pan-teras 6105 ltr. in 2 wks. for

a SP rpt. and ms. v/s Mario E. Gonzalez Peraza, Serente Administrativo. (Sparks-CA).

XEU R. Nucleo Oro 6020 personal ltr. in 1 mo. for a SP rpt. Also rcvd. a vinal pennant. v/s Elvia Casarin Gil. (Clark-AZ).

MONACO: TWR 9500 f/d "Map" cd. in 18 ds. for 3 IRCs. (Mathews-OH).

MONTSERRAT: DW 11705 n/d cd. and sticker in 2 mo. (Klein-FL).

NEW ZEALAND: RNZ 15280 f/d "Fisherman" cd. in 23 ds. for 1 IRC. (Labossiere-CT).

17860 w/ f/d cd. in 22 ds. for 2 IRCs. Also rcvd. pennant and bird pin. (Byron-NY).

NORWAY: R. Norway 17840 f/d "Flam Sognefjord" cd.

in 16 ds. for 2 IRCs. (Semsky-IN). 11895 and 21730 w/ same cd. in 65 ds. (Witte-CA). 17795 in 65 ds. w/ same cd. (Dieckmann-MO).

PAKISTAN: R. Pakistan 17640 f/d "Shalimar Gardens" cd. in

2 mo. v/s Mr. Anwar Ahmed Qureshi, Engineering Manager. (Mathews-OH). 11642 in 24 ds. for 1 IRC. (Labossiere-CT).

PERU: R. Union 6115 f/d cd. in 1 mo. v/s Juan Marmol, Gerente.

(Wallace-HI). R. Atlantida 4790 n/d ltr. in 109 ds. for a SP rpt. (Klein-FL). R. Cultural Amauta 4955 post cd. in 6 wks. for

a SP rpt. v/s Saturnino Gavilan, Presidente. (Barto-CT). R. Quill-

abamba 5025 personal ltr. and a pennant in 1 mo. for a SP rpt. v/s

Rufino Lobo Alonso. (Bloch-MD). R. Qollasuyo 3250 f/d ltr. in 176 ds. for a SP rpt. and ms. v/s David Gamero Alatriza, Administrator. (Tuch-

scherer-WI)...Very nice! R. Melodia 5995 personal ltr. and 2 pennants in 2 mo. for a SP rpt. v/s Elva Alvarez de Delgado. (Bloch-MD).

PHILIPPINES: FEBC 11765 f/d cd. in 30 ds. for 1 IRC. (Gliksmann-IL). R. Veritas

Asia 11955 f/d cd. in 17 ds. for 1 IRC. v/s Larissa Paner Malinao, Audience Relations Officer. Also rcvd. pennant. (Clark-AZ).

POLAND: Polskie Radio 15120 f/d "Ships" cd. in 45 ds. v/s Zdzislaw Frackiewicz, Editor. (Kremer-DE). "Royal Castle" cd. for 15120 in 47 ds. (Hoff-

man-PA). 11815 cd. in 5 wks. (Mathews-OH). in 51 ds. (Dieckmann-MO).

PORTUGAL: R. Portu-

gal 11935 f/d "SunFlower" cd.

in 47 ds. for 2 IRCs. (Semsky-IN)

ROMANIA: R. Bucharest

11940 f/d "Lake

Vidraru" cd. in

10 wks. (Moeller-

ONT). 9690 f/d

"Hercules Bath" cd. in 30 ds. w/ pennant. (Byron-NY).

MUCH MORE TO COME

DAYTONA BEACH, FLA.
The area covered in this photo are the Main Street and Boardwalk Area in the center. In the upper center is the Seabreeze Bridge, and in the upper right is the Seabreeze Ave shopping area. The Halifax River, shown in the background, is part of the Intracoastal Waterway.

Paul Buer
7503 NW 2nd Terrace
Miami, FLA 33126

POST CARD
DISTINGUISHED BY DAYTONA POSTCARD

Paul Buer
POST CARD

Dear Paul, This will verify your reception of WDAB on August 19, 1979, at 2150 - 2215EDT, on both 6213 and 6218 Khz. Our transmitter is a Heathkit DX-60B converted to plate modulation, and has a power output of about 50 watts. Antenna - is a simple dipole up at 35 feet. So we have a long way to go! You're the second verified listener we have in Miami, and I'm extremely pleased you enjoyed the oldies! We don't have a "schedule" because we want to stay out of trouble! Best time to try is 10pm-11:30pm, or 1am-2:30AM, or 4M to 5:30AM. Good luck and thanks!!

SARAWAK: R. Malaysia Sarawak 7160 f/d "RadioHou
House" cd. in 94 ds. (Klein-FL).

SEYCHELLES: FEBA 15405 n/d cd. signed by
J.L. Borelley in 45 ds. for 1 IRC.
(Gliksman-IL)...Reportedly this sta-
tion will only QSL reports from
their target areas...Sam.

SIERRA LEONE: SLBS 5980 via Freetown
ltr. in 43 ds. after a f/u rpt.
v/s H.A. Lynch. (Klein-FL).

SINGAPORE: R. Singapore 11940 cd. in
42 ds. for 1 IRC. (Blom-NY).

SOLOMON ISLANDS: SIBC 9545 f/d white
"Logo" cd. in 95 ds. for 1 IRC.
(Klein-FL). in 28 ds. for 2 IRCs
(Carbis-CA). in 2 mo. for 1 IRC.
(Wallace-HI). in 32 ds. (George-TX)
5020 in 10 ds. (Witte-CA).

SOUTH AFRICA: ZUO 5000 f/d ltr. in 26
ds. for 1 IRC. (Cucura-PA). R. RSA
9585 f/d "Table Mountain" cd. in 18 ds
for 2 IRCs. (Semsky-IN). in 17 ds. w/
pennant. (Moore-PA).

SPAIN: R. Liberty 17865 f/d "Map" cd. in 58 ds.
(Moore-PA). REE 11880 f/d "Ibiza" cd. in 37 ds. (Wallace-HI). in 36 ds.
w/ f/d "Carteles Turisticos" cd. for 2 IRCs. (Semsky-IN).

SRI LANKA: VOA Colombo 15395 cd. in 1 wk. (Saylor-PA).

SWAZILAND: TWR 5055 f/d "Native" folder cd. in 6 wks. (Saylor-PA).

SWEDEN: R. Sweden 21615 f/d "Map" cd. in 14 ds. v/s Karin Brindt. (Semsky-IN)
same in 19 ds. v/s Kristina V. Rein. (Matthews-OH). 15290 in 60 ds. (Witte

SWITZERLAND: SRI 15305 "Lake" cd. in 53 ds. (Moore-PA). 21570 cd. in 23 -CA).
ds. for 1 IRC. (Dieckmann-
MO). in 23 ds. for 1 IRC.
via Sottens. (Fraser-MA).

TAIWAN: Voice of Free China
11745 f/d "Horse Painting"
cd. in 6 wks. w/ banner &
paper pennant. (Matthews-

TIBET: Lhasa PBS 9490 OH).
f/d cd. in 3 wks. via Pek-

* ing. (Saylor-PA). Kizang PBS 5935 f/d cd. in 2 wks. via Peking. (Sparks-CA)
TURKEY: Voice of Turkey 9515 f/d cd. in 51 ds. (Fraser-MA). 11940 w/ cd. and
pennant in 29 ds. (Scott-ONT). enko-ONT).

UGANDA: UBC 15325 f/d cd. in 7 mo. for 2 IRCs. v/s C.A. Kizzakizito. (Danylch-

UKRAINE: R. Kiev 11920 f/d "Building" cd. in 70 ds. (Buer-FL). 17870 w/ f/d
"Taras Shevchenko Theatre" cd. in 6 wks. (Matthews-OH). R. Moscow via
Kiev on 11770 in 30 ds. (Gliksman-IL). via Vinnitsa on 11735 in 3 wks.

UPPER VOLTA: RTV Voltaique 4815 f/d form ltr. in 5¹/₂ mo. for (Saylor-PA).
a PR/EG rpt. and ms. (Defeyter-MI).

URUGUAY: R. Carve 6155
* personal ltr. in 24
ds. for a SP rpt. and
ms. v/s Graciela Cor-
radi, Secretaria. Also
rcvd. a sticker. (Laz-
arus-LA). same in 3
wks. for a SP rpt. &
1 IRC. (Moore-PA)...
Txn for sticker...Sam.



RADIO
IGUATEMI

We are glad to have your
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program transmitted on 3260
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are welcome.

Quishou People's
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LA VOZ
DE
BOGOTA

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H.J.C.F. ONDA LARGA 870 Kc. - H.J.C.F. ONDA CORTA 5960 Kc.

URUGUAY: SODRE 11885 cd. in 68 ds. for 1 IRC. (Scott-ONT). same in 62 ds. for a SP rpt. and 1 IRC. (Moore-PA).

USA: VOA Greenville 15195 f/d cd. in 1 wk. (Dittrich-FL).

- WGRP 27035 ltr. in 2 wks. (Moore-PA). AFRTS Bethany 15330 f/d "Logo" cd. in 47 ds. (Calderwood-CO). United Nations Radio 25mb. cd. in 51 ds. (Blom-NY). via Greenville on 9540 w/ f/d cd. in 113 ds. (Dittrich-FL).

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- WDAB 6218 post cd. in 8 ds. (MacCollum-IN). 6213 and 6218 w/ f/d cd. in 3 ds. Power 50 watts! Addr; P.O. Box 678, Daytona Beach, FL. 32017. (Buer-FL). Voice of the OAS via Greenville on 15205 w/ f/d cd. in 17 ds. (Brouillette-MI). VOA Delano 17895 cd. in 7 ds. (Cuoura-PA). WINB 15145 f/d cd. in 28 ds. (Labossiere-CT). 15185 in 30 ds. (Gliksman-IL). WYFR 15215 f/d cd. in 34 ds. for ms. (Wallace-HI). VOA Bethany 17710 f/d cd. in 9 ds. (Dittrich-FL). R. Polaris 7625 logged and QSLed at the NEADKO by several DX-ers. Power 0.65 watts!!! Transmitter now in new hands. (Barto-CT).

To North America 北美
9680 KHz (31m)
15345 KHz (19m)
15425 KHz (19m)
via Bill Matthews
11825 KHz (25m)
11745 KHz (25m)



USSR: R. Moscow 11880 cd. in 32 ds. (Schlaugat-WI). 15520 cd. in 25 ds. for 1 IRC. (Labossiere-CT)..... Please note to the right.

NOTE

When sending reports to Moscow, always request the transmitter site to be listed on your QSL card. Return postage is not necessary to the USSR stations nor to many of the Eastern European stations. Save your money!

VATICAN: Vatican Radio 17900 f/d "Studio" cd. in 2 mo. (Tuchscherer-WI). 11845 w/ same cd. in 3 wks. (Matthews-OH). 6015 w/ f/d "Antenna" cd. in 22 ds.

VENEZUELA: Ecos del Torbes 4980 n/d ltr. in 2 mo. for a SP rpt. and 1 IRC. Calendar was rcvd. (Wallace-HI).

WEST IRIAN: RII Sorong 4875 personal ltr. in 1 1/2 mo. from the Saturday Morning English Mailbag announcer Linda Rumbay. (Wala-CA).

VIETNAM: Voice of Vietnam 15012 paper cd. in 87 ds. w/ pennant. (Johnston-NY). same in 152 ds. for 1 IRC. (Labossiere-CT). 10040 w/ same cd. in 3 mo. w/ pennant. (Wala-CA)...Sorry. Out of order...Still can't spel..Sam.

YEMEN ARAB REP: R. Sana'a 4853 n/d ltr. in 20 mo. C/V #101. (Word-GA).

ZIMBABWE-RHODESIA: ZRBC 3396 f/d large "Map" cd. in 18 ds. for 2 IRCs. v/s S. Townsend. (Danylchenko-ONT). same in 82 ds. (Blom-NY). same in 22 ds. (Klein-FL).

REPÚBLICA DE GUINEA-BISSAU

Comissariado de Estado de Informação e Turismo
Radiofusão Nacional da República da Guiné-Bissau
B. P. 191 - BISSAU

Ao Exmo. Sr.
To Mr.

ESTADO DA GUINEA-BISSAU

TELMO L. SCHWABER - 84 South Witter Park Drive

Consulte-se: FICRIDA 1277

R. R. M. II
XENYRA 930 Km.
ONIA LARGA

R. R. M. II-A
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ONIA LARGA
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LA VOZ DEL JUNCO
LA PRIMERA EMISORA DE OCCIDENTE
SANTA BARRERA, D. D.
REPUBLICA DE HONDURAS, C. A.

A. TERRY L. SCHWABER - 84 SOUTH WITTER PARK DRIVE - CASSELLERY, FLORIDA 32907, U.S.A.
Muchas gracias por su Reporte de Transmisión de Radio 3 de Septiembre de 1971; es correcto; Solicite nuestro QSL; saluda a nombre de todos los que laboramos en esta Radio 24 HORAS DIAS.

Thanks
T3'y De's



via Chris Leithner

To

RADIO OMROEP NIEUW GUINEE

HOLLANDIA
 FREQ. Med. C/Sec.
 7190 Kc./Sec

*Very many thanks for your report;
 we hope you will enjoy our
 programmes!*

OMROEP NIEUW GUINEE

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HAP BID WINNERS (August): ITEM #1 and 3 no bid. ITEM #2,4,5,6,7 and 9 won by John Mello. ITEM #8 by Dave Twiggs....Congratulations gentlemen...Sam.

NOTE: Nandor Petrov of 349 Prescott Crescent, Thunder Bay, ONT. Canada P7A 7P7 is desperately looking for an IBA pennant. Willing to purchase. Any help from our members?

This month we had approximately 103 countries reported. Not bad, but we have done better. Get those reports in gang! By the way

Next month we are going to put up some great HAP items for sale & for bid. For the first time we will be selling T-shirts. We have @ 40 to dispose of including a few beauties from the Deutsche Welle and Radio Andorrel Until next time...73's

Sam

ONLY YOU CAN HELP HAP

This is the famous QSL from Swan Island.

RADIO AMERICAS
 P.O. Box 302, Miami 1, Florida

ANTENNAS/ACCESSORIES

EDITOR: Mike Agner c/o Delphi Associates 17 New England Exec Park
Burlington Ma 01803

Greetings to all and welcome to another edition of 'A & A'. I still think someone is trying to bake me...90 degrees and 75% humidity is not my cup of tea...

John Kapinos, Ma

GE AM/FM cassette recorder
60 foot random wire
Torrestronics Freq. Counter (I read that
SWC with bated breath, Kap...sure wish I had

article in last month's
some extra dough...mja)

Jerry Berg, Ma

135 foot random wire strung in 'u' shape tapped
at 1/3 length
Autek QF1 audio filter
A20 preselector
AA18 audio amp with tone controls, by Heath
(I've hrd it in use- it is a really nice piece of gear! How abt some-
thing for SWC Jer? mja)

Chris Lobdell, Ma

Columbia 'Masterwork' mono reel to reel tape
recorder
homebrew patchbox which switches the QF1 in/out,
QF1 thru tape recorder and radio in/out and tape
recorder in/out (Hope I got that right...mja)
40 foot random wire

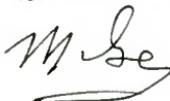
Pete Schipelleti, Ma

Listener 59 antenna tuner
Sony reel to reel stereo recorder, model TC230
80 Meter Dipole
40 Meter Dipole
20 Meter dipole
Tri-band 'v' dipole cut for 60/49/31 Meter bands
80' random wire

Ed Insinger, NJ

GE cassette recorder
BC221 AJ Freq. meter
Lumitime 24 hour clock (by MFJ enterprises, yes?)
Cassette recorder (model, ed?)
SX59 preselector
Helical antenna indoors in closet. (For details
on construction, see Sept. 1977 Friendx. I heartily recommend it!)

Good heavens, I've got space yet!!! My sincere thanks to all who risked their time (HI) to contribute. I have been asked about what the old timers call 'cans', but of course we know them as headphones. Who has a pair that seems pretty good? Is there some peeve you have with your present set? What is it that you don't/do like about what you have? Let your voice be heard! I'm opening the floor for comments on headphones, starting now. Let us here from you with your ideas, contributions and comments on cans...oops, headphones...Real soon!!
73s until next time



update

October 1979***Number 52

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

(816) 931-5943 2330-0300 only!!!

UPCOMING DEADLINES: 12 October (Mid-Oct) 22 October (November) 10 November (Mid-Nov)

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

ALBANIA R. Tirana, 9760a, in EG *0000-0027*; nx, newspaper commentary, local folk mx and NA. Fair. (Conover 9-16)

ALGERIA RTVA, 11615, in FR7/EG, suspected the one here 1955-2030*; noted EG for first time at 2000. Anncd freq of 11635 not heard. (Ceaser Braga, MA) ***Did you get ID on this? tba

ANGOLA Presumed Moxico, 5192, pretty good w/ anthem at 2300. Heard from around 2148 9-16 w/ fast moving talk/mx pgm to 2215 then what seemed like Afr religious songs, a few anncmts. Super quick ID 2301 which I did not get because of bad QRN and only so-so sig, then anthem to close. Tnx Dan Robinson. (Jerry Berg, MA)

BOLIVIA R. Progreso, 6005, 1016-36 w/ unbelievable clear and strong sig in absence of ReLoj, which was back on 6030a. M w/ ID at t/in very simply as "R. Progreso", very short flute bit, two more IDs, and into very nice rustic tune w/ W whining. M back w/ another ID, and nx or information 1025-33. Then W in uptempo vocal, and sig considerably down from t/in strength. (John Moritz, OH 9-19) +++ R. Stentor, 6092a, in Indian, 1033; ID, talk, some mx at intervals. (Jack Jones, MS 9-13)

BRAZIL R. 8 de Setembro, 2320, presumed 0026-35; mixed bag of mx, from PT vocal to light instrumental to "You make me feel like Dancin'" by Leo Sayre. M in PT between songs. Poor to fair. (Moritz, OH 9-18)+++R. Cultura de Aracatuba, 2450, in PT 0008-0025; fine, clear sigs. M in very impassioned talk, a couple of IDs along the way, and vy clear "R. Cultura de Aracatuba ID at 0019 and more talk. (Moritz, OH 9-18)+++R. de Rondonopolis, 2480, 2359-0007 in PT: M at song closing, into roughly four minutes of talk, mention of Rondonopolis. Into pops tune "Honey, Honey." (Moritz, OH 9-17)+++R. Cl. Maraba, 3235, in PT 0030; heard through carrier often on freq. (Marlin Field, MI 9-11) +++ R. Aparecida, 5035, in PT 0030+; mx pgm 0030 and ID 0040. (Field, MI 9-13)+++R. Guaraja, 5975, presumed at usual *0905, but never can get an ID on this weak little one. (Berg, MA 9-8)+++R. Bandeirantes, 6185, in PT 2230; M talking. (Field, MI 9-14)

CAMEROUN Yaounde, 5010, in FR/EG 0455-0516; Afr instrumental mx to 0500, FR nx to 0509 and EG nx to 0516. EG thickly accented, making recognition difficult. (George Schnabel, NY)***George, this is undoubtedly Garoua w/ relay of nat/ nx from Yaounde. tba***R. Yaounde, 9745, in FR/EG 2140-2210; classical mx to 2200, the FR and EG IDs, short nx summary by M to 2203. Many mentions of Cameroun. (Bragg, MA 9-16)

CANADA RCI, 5960, in EG *0100-0125*; nx, sports, weather, pgm on how to catch fish and cook them, and counterpoint by person who doesn't like fish. (Conover, 9-16)+++CHNX, 6130, in EG 1932; Expos game, ID at 1935 for medium and short wave freqs. (Braga, MA 9-6) ***As we used to say in college, "Go, Pos!!!"

CHINA(P.R.) FFBS-2 Fujian, 4840, in CH 1115-25; W anncr and local mx // 4380. Excellent.

(Terry Krueger, FL 9-15)+++R. Peking, 9950, in lang 2020-2030*; CH mx, EIR 2024, and another pgm at 2030. Also on non-// 9900. (Braga MA 9-12)

COLOMBIA R. Super de Medellín, 4875, in SP 0722; ID, TC, Argentine mx, R. Norte not on. (Jones MS 9-12)+++Brisas del Citará, 4926, in SP 0345; back at large volume, usual format of mx and IDs. (tba)+++Ecos del Atrato, 5020, in SP 0210; ID 0210 as "R. Quibdo a emisora." (Field, MI 9-14)--- Atrato also noted on 5020 at 1059 w/ ID, calls, freqs, ads and LA pop mx. (Jones, MS 9-15)+++ R. Cinco, 5040, in SP 0835; IDs, TCs, ranchera mx ("El Rancho Grande and other familiar Mexican songs), Caracol plugs. (Jones, MS 9-14)+++Ecos del Combeima, 6025, in SP 0024-42; "super Noticias" and "Super Noticias de Colombia." ID by M 0031, into M vocals a bit later. Has been here in mornings for at least a couple weeks. (Moritz, OH 9-14)---Combeima also noted on 6026 at 0830 w/ TC and quick ID between songs. Full ID, including MW freq 0859. (Berg, MA)

CONGO Brazzaville, 3264, presumed 2322-2336; very lively Afr vocals to M in FR 2328; xylophone type instrumentals and deep voiced M in FR. Very poor copy due to het and bad QRN. Still there at t/out, but hurting ears. (Moritz, OH 9-17)

COSTA RICA R. Noticias del Cont., 9490, in SP 0808; ID after nx items by M&W featuring Argentina (nx articles, editorials, etc.). (Jones, MS 9-11)

DOMINICAN REP. R. Clarin, 4850, in SP 1035 9-15; talks by 2 M, many mentions of U.S., and, at 1037, "desde Santo Domingo." (Field, MI)***Didn't know they were back on. tba

ECUADOR R. Luz y Vida, 4851a, in SP 1024; talk on agriculture, said was produced by VOA. (Jones MS 9-15)+++R. Rio Amazonas, 4870, in Indian *1032; ID, AUSA, usual primitive mx, ID, talk. (Jones, MS 9-15)+++R. Federacion, 4960, in SP to 0337*; on late w/ folklorico mx, ID, freqs, poss ad, and into nose flute excerpt before carrier off. (tba)

EQUATORIAL GUINEA R. Ecuatorial, 11714, 1945-2133*; highlife and local mx nonstop, s/off ID and anncmts 2127, long instr NA. Closing anncmts by M in SP. (Krueger, FL 9-16/17)---Ecuatorial

presumed the one on 11714 at 2110a. Afr mx to lengthy annct in SP 2128, and long unfamiliar NA to 2133*. Also heard 0615 9-17, better after 0630 when het leaves. (Berg, MA)

**WALKLAND IS. Having thus obtained your attention, I'll once again state the two basic rules about UD: (1) DO NOT send material on file cards, note paper, or the like. Use ONLY NASWA report forms--available from HQ-- or 8 1/2 by 11 in. paper, single spacing each item, and double spacing (i.e. skipping one space) between reports. I ask you to do this so that UD can be sent to printer on time. REPORTS NOT IN SUBSTANTIAL COMPLIANCE WITH THIS RULE MAY BE DISCARDED AT MY SOLE DISCRETION. (2) DO NOT send information on renewals, changes of address, missed issues, etc. to me. Send them direct to HQ. I do not handle subscription matters, AND CANNOT GUARANTEE THAT YOUR REQUESTS WILL BE FORWARDED.

GABON Noted 0730-0800 in EG/FR on 15200, in experimental tx from Moyabi (455 kW) requesting reports and promising prizes to Africa No. 1 (sic) Box 1, Gabon. Wants reports graded "very w. 1", "well", and "not well" heard. In well at t/in but poor at 0810 t/out. (Ralf Mumster, GA)

GALAPAGOS IS. LV de Galapagos, 4810, in SP 0045; M talking w. occasional mx, ID 0058, then mx pgm. (Field, MI 9-11)

GUATEMALA R. Tesulutlan, 4835, in SP 1110-30; marimba mx, M annr, fading by 1130. (Braga MA)

HONDURAS HRVC, 4820, in EG 0320-31; religious pgms, ID. (Holland)+++R. Lux, 4890, in SP 0033-0105; folk tunes by groups, EL vocals, M annr between, mentions of Olanchito. (Moritz, OH 9-1)

INDONESIA RRI Manokwari (Irian Jaya), 6185, in Indo 1105 9-15; nx, then mx to 1150 when R. Education carrier on. (Field, MI)

ISRAEL IBA, 11645/11655, in Hebrew 2255-2300; talk by W, mx. (Holland)

ITALY RAI, 21560, in IT 1900-05*; EL mx, ID. Springbok R. on top. RSA testing here? (Holland)

KAMPUCHEA VoKP, 9694, in EG *1200-44*; NA, ID (This is VoKP b'casting from Phnom-Pehn in the 25 and 31 mb.) into nx on revolution and then FR 1215. Thai 1230. (Krueger, FL 9-14)

KENYA VoK, 4915, in Swahili 0314 w/ best level in several months. Catchy tribal mx and M annr. (tba)

LIBERIA ELWA, 4770, in EG 2245; usual religious pgms. (braga, MA 9-6)

MEXICO XEQM, 6105, in SP *1125; carrier on 1122 wiping out RNZ; Burst of mx, ID, calls, freqs QTH and slogan. (Jones, MS)+++R. Educacion, 6185, in SP *1200; carrier on 1150, complete ID and drama. Not on next day. (Field, MI)

NICARAGUA New Nicaraguan noted on 5950 in SP at 0358 w/ "Nicaragua libre transmite voz oficial de gobierno de reconstruccion nacional desde Managua capital de la patria liberada diciomo que venceriamos ahora nos organizamos." Very strong, voices and format like Havana. Who is this and where from? (Schnabel, NY) ***Suspect this is old R. Nac. tx formerly here. tba***

LV de Nicaragua, 11838, in SP 1140 9-9 w/ local mx, short annctms, badly overmodulated. ID as on 5950. Then a little of Sandino NA. Wiped out by Cuba 11840 at 1303. (Berg, MA)

NIGER ORTN, 5020, at 0530 w/ s/on proceedings and anthem. (tba)

NIGERIA Enugu, 6025, in EG 2237-2300; "Louie, Louie" by W, Bee Gees tune, reggae, etc. w. M in between. Brief religious ceremony toward top of hour. Pips, ID and mx 2300. (Moritz, OH 9-16)

PAKISTAN RP, 11672, in EG 1710. Nx and ID as World Service. (Braga, MA)

PERU R. Atlantida, 4790, in SP *0855; NA, ID "el mas grande en Peru", talk between snatches of El Condor Pasa. (Jones, MS 9-14)+++R. Andina, 4955, in SP 1005; mx and ID. (Field, MI 9-15)+++R. Eco, 5010, in SP 1000; folklorico mx, motinos Andinos, ID and mention of Iquitos at 101 (Schnabel, NY 9-10)---Eco also noted at 0332 w/ sports and ID. (Field, MI)+++R. Tawantinsuyo. 6175, in SP 1010 w/ typical Peruvian mx variety show. (Field, MI 9-12)

SARAWAK RMS, 4895, in verns 1058-1100; talk, TC and ID into nx. (Krueger, FL 9-15)

SICILY RAI Caltanissetta, 7175, in IT 0430-40; mx and EL mx. (Holland)

TANZANIA Dar es Salaam, 4785, in Swahili 0303; not heard here in a long time. In very well w/ nx. 5050 not noted. (tba)

TUNISIA RIT, 7225, in AR 0442-45; chanting w/ drum led by M. (Holland)

VENEZUELA R. Valera, 4840, in SP 0115; mx pgm, ID at 0126. Good sigs. (Field, MI)+++For those w/ inclinations toward jazz, R. Juventud, 4900, has an excellent jazz pgm in the 0300-0400 slot some weeknights. Formerly noted local Thursday evenings only, but have now heard it on Tuesday (local) too. Very pleasant listening, and a good way to wait for the Afrs to sign on at 60m. (tba)+++R. Carora, 4910, in SP 0040; mx pgm w/ guitars and singers to 0106 ID as R. Carora. (Field, MI 9-17)

VIETNAM Pretty sure Asian I'm hearing here on 6917 after being on 6910.5 and 6913.5 is Bac Thai, settling on one freq. Heard *1025-1100* which was reported sked in August LN-6. (Berg, MA)

YEMEN R. Sanaa, 9780, in AR 0307; a cappella chants by M. Many long spaces of dead air, which may or may not have been part of mx. (tba)

AROUND THE SHACK: Since we have a little extra space this issue, there's room for a few comments from yr ed. The autumnal equinox has come and gone, marking the start of the DX season. Considering what came in to UD this summer, this winter should be a fine season. Of special interest lately have been a number of major solar flares and geomagnetic storms, with the K index as high as 6 at one point lately. These can mean bizarre propagation conditions and the chance for extraordinary DX.

Best of 73,

log report section

1600-4899



DAN ROBINSON

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

I'd rather not face the fact that another summer is fading away, or should I say has already gone....but here we are in October. Some brief greetings to those of you who have written: Chris Lobdell, Michael Dayen. And thanks to two

NASWA members who visited my shack here in D.C., Stu Klein and Chris Hansen. Just two other things before we swing into this month's logs. Since June I have been fulfilling for the Voice of America. Partly because of this fact, I will soon be relinquishing the LR-A editorial position in favor of another NASWA member. So, as someone once said you won't have me to kick around anymore....or perhaps it should be the other way around. In this issue Mac Leonhardt will be announcing the availability of the LR-A section, and I hope all who feel qualified will put their names in the hat. LR-A is a demanding section, as it requires constant vigilance of the lower frequencies which are so prone to unannounced changes. If you'd like to take it on, let us know! Now, on with the latest in DX news.

- 2340T NEW BRITAIN R West New Britain: 1045 Pidgin, tribal drum mx, OM (Moore 9/3)
- 2340 CHINA Fuzhou: Tlk by M in CH at 1302, poor signal (Poppin 8/23)
- 2350T JAVA RRI Yogyakarta: 1304 high voiced M in tlk, mention of Jakarta, then silence; band mx 1307, into M in Indo tlk (Poppin 8/23)
- *2370T FALKLAND ISLANDS FIBS: 0129 EG BEC WS relay w/mentions of London stock market and gold prices, BEC ID 0142, no positive ID but must be them; noted to 0159*; only hrd once although monitored for two straight weeks (Lobdell 8/14) 0012 EG, fair sig, some QRM fa lol harmonics; in here some nights but not others (Meyer-PERU) TENT FIBS 0140-0200* EG, BEC political commentaries program (24 hrs or Radio news-real); mentioned "Broadcasting Station" near s/off (Dayen 8/14)
- 2390 MEXICO R Huayacocotla: Dominating 120 m band 0130 on 8/14 (Hauser) 0150-0215 SP ballads, "ranchera" mx, ID 0156, still there 0215 (Dayen 8/13)
- 2390 GUATEMALA LV Atitlan: 0236 marimbas, SP OM full ID 0302 (Lobdell) 1116 M with tlk and guitar bgnd, ID, continued in tlk (Poppin 8/24) 1125 SP, lol vocals, ID 1134 (DW Johnson) TENT in SP behind strong Mexico signal (Bloch 8/16)
- *2418 UNID: 1312-1318 Indo lang stn, chorus 1313, rock mx, OM in tlk w/ment of Jakarta; also mentioned Bandung; (Poppin 8/23) Possibly Cirebon, noted by others....DR
- 2420H GUATEMALA R Rumbos: 2x1210, 1010 SP, merengue mx, IDs, TCs; 9/3 a banner day for 2 Mx with others: 2800, 2850, 2860, 2920 (Moore 9/3)
- *2428 NEW IRELAND R New Ireland: 1055 Pidgin, chanting type mx, M ancr 1100 (Moore) 1251-1304 Pidgin to W in tlk 1301, band mx, chorus w/NA, c/off 1301 (Poppin) 1006-1050 Pidgin, freq exact, tlk by M; peaks about 1040 here (Valko 9/3)
- * 2450 BRAZIL R Cultura de Aracataca: 0022 PT, fair sig, ID, US pop (Meyer-PERU 8/11)
- 2475 CHINA Hangzhou/Zhejiang: Chinese radio play..M & high-voiced YL (Poppin 8/23)
- 2490 BRAZIL R Educacao Rural de Coari: PT w/Brazilian pops, guitar mx, full ID 0230; hrd to 0232*; most consistent of the 120m stations, hrd most every nite (Lobdell)
- *2726 INDONESIA UNID: Reported RPKDITKT2 Samedang Jawa on 2727, hrd 1308 w/M in tlk, Indo lang 1315, W w/mx 1319; new for me (Poppin 8/22)
- 2775 NO KOREA Hamhung: Slow band mx 1324, W short tlk; //2850 on 8/24 (OPoppin)
- 3055T JAVA RPKDPT Sampang: 1243 M in tlk fol by band mx, chorus NA, missed ID (Poppin)
- 3120T INDONESIA RRI Dali: M in Indo w/mx to 1306, poor (Poppin 8/9)
- 3155T PAKISTAN Peshawar: PBC 1307 w/W and subcont lang, mx to 1311 (Poppin 8/9)
- 3200 SWAZILAND TWR: 0410, Mx W in Afrikaans tlk (Schnabel 8/26)
- 3205 BRAZIL RC Riberao Preto: 0029 PT, fair sig, mx, ads, ID on 1/2 hour (Meyer-PERU)
- 3210 MOZAMBIQUE Maputo: 0256 w/end of anthem; chime; M in PT w/clear ID and sked; into African mx (McVicar 8/13) 0409-0430 ID (Poppin 7/31) 0420-0440 PT, pop/rock, ID at 0430 over mx (Dayen) ID 0430 (McIvor)
- 3210 ECUADOR R Federacion: 0032 SP, good sig, usual huaynos w/tlk, ID (Meyer-PERU)
- 3220 ECUADOR HCJB: 0930 w/SP religious px, strong/clear (McCurdy 9/2) 0130-0200 in Quechua tlk, s/off 0200 (Dayen 8/4) 0951 Quechua tlk (Valko) 0035 (Meyer-PERU)
- 3220T PAPUA NEW GUINEA R Morobe: 1118 Pidgin, MxW in tlk, poor to fair (DW Johnson)
- 3235 BRAZIL RC Marilia: 0000 PT, ballads, M w/IDs and ads (Moore 8/13)
- *3240 PERU R America: 0245-0258 SP, US pop mx, M w/shouted IDs, (Krueger 8/13) 0120-0140 SP, ID 0130 "Radio America" (Dayen 8/13) 0039 IDs, mx (Meyer-PERU) SP tlk w/rock mx, ads for Pepsi, Aereas Lineas Paraguayas, ID (Lobdell 8/13)
- 3241T MOLUCCAS RRI Ambon: 1206 Indo lang w/mx; 1210 W in more mx; 1212 mention of Maluku, Indonesia....1215 slow version of NA by chorus (Poppin 8/11)

- *3250 PERU R. Qollasuyo: 0041 SP, definite ID, tho very few of them; usual huayno mx, lcl social mx, weak sig...(Meyer-PERU)
- 3252.5 ECUADOR LV De Triunfo: 0330 SP, LA mx, reverb ads/annts, disco mx, US pops, ID "R. LV de Triunfo..." strong sigs sometimes (Perdue 8/14)
- 3255 VENEZUELA LV del Tigre: *1000 SP w/IDs (Perdue 8/17) *0953 w/NA, IDs (Klein)
- 3255 BRAZIL Reduc de Cariri: 0153-0215 PT w/"In the Navy" song, TC and annts, ID 0200; then "All My Love" by the Beatles; more TCs, pop mx, mentioned "Musica popular de Cariri..." one time; strong on 8/2 (McVicar)
- 3260T INDONESIA RRI Kupang/timor: M in Indo tlk to 1318 (Poppin 8/8) What source says Kupang here, George?!!...LR
- 3260 PAPUA NEW GUINEA R Madang: 1112 EG/Pidgin, M DJ w/C&W, W w/ID 1113 (DW Johnson) 1041 EG, w/px fr NEC, w/NBC IDs (Klein 8/28) 1024 Pidgin C&W mx, tlk by W (Valko)
- 3260 ECUADOR LV de Rio Carrisal: 0317 EG disco song, organ mx, full SP ID, s/off annts by M, anthem 0324*; not as strong as Triunfo on 3254 (Lobdell 9/9)
- 3261 ECUADOR UNID: 0052 SP, definitely Ecuador from money ads, slow LA mx, time checks, ads, no IDs, good sig (Meyer-PERU) The above, Kevin?...LR
- 3264T CONGO Brassaville: 2322-30 FR, very good, M in FR, solid tlk; Congo is 3264.0, Mozambique is 3264.2 (Cartwright 9/11)
- *3270 ECUADOR R Cosmopolita: 0055 SP, clear ID, fair sig, LA mx, some ute (Meyer-PERU)
- 3275 VENEZUELA R Maras: 9/9 from 0310 w/mx pgm, good signal (Field)
- 3275 PAPUA NEW GUINEA R So Highlands: Mendi 1108 Pidgin, M in tlk, mention of PNG Fair and weak (DW Johnson 9/3)
- 3276T JAYA RRI Jakarta: 1337-1345 M in Indo tlk; ment Jakarta; (Poppin 8/22)
- 3280 ECUADOR LV del Napo: 1043 M in Indian lang w/flute, ball, guitars, orch and other mx (Poppin 8/24) 1015-1020 Quechua, HC mx (Cartwright 9/5) 1010 w/mass in Quechua during daily AM pgm (Hloch 9/9) 1003 w/folk mx, M in tlk, ID (Lobdell) 0110 SP, very strong sigs, social notes, huaynos, ID (Meyer-PERU)
- *3290 ECUADOR LV del Alausi: 0117 SP, ads, ID, TC, IDs as both above and "R Amazonas" (Meyer-PERU 8/18) Thanks for clearing up the confusion on this...LR
- 3300 GUATEMALA R Cultural: *1054 & 10100-0355 EG rel px, IDs, SP rel px (Braga, Valko, Meyer-PERU) McCants, Schwelkart)
- 3306 ZIMBABWE-RHODESIA ZRBC: 0417 EG, similar if not // 3396 (Cartwright 9/5)
- 3310 CHINA Changchun/Jilin: 1153 W in tlk, high tone pips, East is Red.... (Poppin)
- 3315 ECUADOR R Pastaza: 0240-0405* SP, IDs as "Radio Pastaza"; TCs, Andean mx, HC NA at s/off (Valko 8/17) 0104 LA pop mx, IDs, good sigs (Meyer-PERU 8/11)
- 3322+ NORTH SOLOMONS RNS: 1021-1032 Pidgin, M in tlk (Valko 9/1) 1052 EG, island vocal mx, TC 1057, ID 1100, into lcl mx 1110 (Cunningham 8/24) 0945 PD, M ancor, island mx, ID on hour (Klein 8/28) 0942 island mx (Dayen 8/5) M in apparent mx 0955-1005 w/mention of Bougainville; killed by UTE 1005 (Agner) 1106 C&W mx (Moore) 1032 (Cart-Ecuador Ondas Quevedenas: 0107 SP, clear ID, fair sig (Meyer-PERU) wright)
- 3325 GUATEMALA R Maya: 0120 ID, TC, Organ mx (Jones 8/16) 1055 SP, EL mx, ID 1107 "Radio Maya..." and good sig! (McGill 8/17) 1056 TENT (Poppin) 1019 rel px w/hymns in apparent Indian lang; ID in SP as "Radio Maya...." Fair (Cunningham 9/2)
- *3330 PERU Ondas de Huallaga: 0109 SP, strong sigs, ID, tlk on proposing a continued teachers strike.... (Meyer-PERU 8/11) TENT 0414 w/campo & flute mx (McVicar)
- 3335 BRAZIL EC de Conquista: PT w/NA ancor, disco/pop mx to 0159* (Lobdell 8/13)
- 3335 PAPUA NEW GUINEA R East Sepik: Wewak 1130 Pidgin, M ancor w/tribal sing-song, (DW Johnson) 1035 C&W mx (Valko) 1105 EG, 1107 TC, 1116 ID (McGill 8/15) 1110 Pidgin w/drum and chanting, (Moore 9/3) 1050 lcl mx, W ancor, mnts of Wewak (Cartwright)
- 3338.4 UNID 0340-0420 hrd several times; Afr type music, very tough copy; could someone w/definite Zanzibar log give me precise freq?!! (Cartwright) The difference between Mozambique and Zanzibar by the way is distinguishable....but only by smallest of margins....sure is a tough one! LR
- 3340 CHINA Hailongjiang: 1303 CH, MEW alternating w/px (Fedor)
- 3346T KALIMANTAN RRI Pontianak: 1148-1153 Indo lang tlk, vocals, subcont mx (Poppin 8/2)
- *3350 PERU R Independencia: 0133 SP, LA pop mx, two IDs in 30 minutes; tlk on some lcl affairs, Fair sigs (Meyer-PERU 8/18)
- 3355 VENEZUELA R Impacto: 0101 SP, mentions of "Carabobo"; no sign of rotten ute here (McVicar 8/7) 0115 SP tlk (Meyer-PERU 8/11)
- 3360T PERU R Huamoo: 0118 SP, slow LA mx, lcl notes, ID, fair sig (Meyer-PERU)
- 3360 CHINA Peking: Broadcast to Taiwan, CH tlk // 9170, 11100, 15710, 15880, 1045 (Hloch)
- 3365 BRAZIL R Cult Araraquara: 0105 PT, football game between "Atletico Mineiro" and "Internacional" (Belo-Horizonte); score was a tie (Dayen 8/2) 0025 M w/litosa tlk and Id, snatches of LA mx (Perdue 8/14)
- 3375 ANGOLA R Mac: Folk mx, OM PP ID and mx @2345 w/disco between mx items; anthem and off 0002* (Lobdell) 2344-0000* w/PT tlk and ID, NA (Cucura 8/4) On extended sked for mourning of death of Neto along with 5100, 5192....LR
- 3380 MALAWI MEC: 0403 EG, mx by M (Valko 8/14) 0317 w/lcl drums and mx; strong and no sign of Ecuador (McVicar 8/13)
- 3380 ECUADOR R Iris: 0138-0345 SP, disco mx, ID by M, personal messages, TCs and IDs Meyer-PERU, Insalaco, Perdue, Marker)

- *3385 PERU Rdif Del Centro: 0148 SP, hyano mx, Iris QRM, fair sig, Id on the hour (Meyer)
 3385 EAST NEW BRITAIN KENB: 1032 Pidgin/EG, disco and CW mx, TC, Time pipe (Vako)
 3385 BRAZIL R Congonhas: 0046 PT, w/pop and disco, very strong sigs (McVicar 8/2)
 3385 MALAYSIA RM Miri: 1354 M in tlk; 1356 ID: Inilah RM "MEE-REE..." (Poppin 8/23)
 3385 FR GUIANA Cayenne: 0910 FR, mix of pop mx, many TCs, mention of Cayenne (Klein)
 0905 (Clifford) 0900 already there w/rock mx (Dayen) 0030 w/classical orch (Agner)
 3395 VENEZUELA R Universidad: 0116-0415 SP, disco and SPTlk (Peck, Moore, Valko, Schnabel)
 3396 ZIMBABWE RHODESIA VOZR: 0404 w/EG ID "This is the Voice of Zimbabwe Rhodesia..."
 cont'd in mx (Valko) 0407-0420 (Cucura) 0426 (McVicar) 0437 (Poppin) 0450 (Klein)
 *3427 IRIAN JAYA RRI Manokwari: 1151-1201 Indo lang, continuous W in vocal song w/steal
 guitar orch; 1153 more vocals; 1200 missed ID, but no SCI or pips (Poppin 7/31)
 3447 INDONESIA UNID: 1240-1300 possible RRI Purwokerto w/flute, violin, orch, sub cont
 mx; 1259 SCI, 1300 M in mx (Poppin 8/5) Pontianak rptd here //3995, 3946... DR
 *3504 JAVA UNID: Poss RPDT2 Banyuwangi, Java 1301 M in Indo w/mx; 1305 chorus w/slow
 version of NA; missed ID (Poppin 8/8)
 *3552 PERU Rdif La Convencion: 0158 SP, mx, tlk, LA pop mx, IDs, also many "location
 IDs... (Meyer-PERU) TENT 0413 in SP w/Peruvian folk on guitars; M w/some armts,
 no IDs but what else would be here? (McVicar 8/13-21) Kevin, what are location IDs?
 3578 INDONESIA RPDTK2 Situbondan Java: 1336 M in tlk followed by W vocal; into
 1339; also hrd 8/10 (Poppin-ORSECON)
 3780 USSR UNID: LSB 1203-1212 //3995 Nikolaevsk na Amur, all in RS (Poppin 8/2)
 3905 AFRICALITY IS R Manas: 0930 Pidgin, mixed island and pop mx, mentions of PNG
 (Klein) 1040 Pidgin, MDW w/C&W mx, island vocals (DW Johnson)
 3940 CHINA Hubei: 1331 CH, tlks by M & W, 1348 CH music (Fedor)
 3985 ECUADOR Esc Radiofonicas: LA mx, M anor (Shaffer 8/22) 1109 M in tlk, hrd "radio-
 fonicas..." in audible part of ID, TC, more tlk (Poppin) 0223 (Meyer-PERU)
 3995 USSR Moscow ES: Here again 1235 w/mx and armts in RS, G (Willis-AUSTRALIA)
 4109 NO KOREA VRPR: Korean tlk by M/F w/ent ID 1100 (Blech 9/12) On 4110 w/English
 at 1400 //4554; amcg it comes from Seoul (Willis-AUSTRALIA)
 4109 CHINA Xinjiang/Urumqi: 1050 Uighur tlk by M, vocals, ment Urumqi 1100 (DW Johnson)
 4109 CHINA Fushou PLA: 1321 M in tlk in Amoy presumed (Fedor)
 4395 USSR Yakutsk: Listed here; in RS 1324 w/tlks by M 1328, more mx (Fedor)
 4465 USSR UNID: In //4485, 4505 1221-30 RS tlk by W, piano solo (Poppin 8/10)
 4468 UNID: 0125 SP, definitely LA stn, LA type mx, personal messages, G (Meyer-PERU)
 4500 CHINA Xinjiang: CH 1330 w/tlks by M, CH mx, more tlks; VMG QRM (Fedor)
 4505 USSR UNID: RS folk songs, 1300: M w/"Moscow Time sixteen hrs"; did not hear usual
 RM chime on this reception; //4485 Petropavlovsk on 8/10 (Poppin; 8/8)
 4610 USSR Khabarevsk: Well hrd 1300 8/25 w/mx pgm (Willis-AUSTRALIA)
 *4635 TADZHIK SSR Dushanbe: Orch mx, RS tlks by M/W 0010, 28 minutes before SPEEDX sun-
 rise tables say sun is up there (Agner 8/20)
 *4696 BOLIVIA R Riberalta: 0141 SP, personal messages by W, ID (Meyer-PERU 8/25)
 **4730 BOLIVIA R Frontera, Cobijs: 0200 SP, lots of IDs, strong sig, US pop mx; their
 time is GMT-4; no other indications of country (Meyer-PERU 8/25) Your UNID, Kevin..
 I haven't hrd it here yet, but this ID per Tony Jones in Paraguay... DR
 4735 UNID: Brasil unid, 0244-0251 PT, futebol game w/anor (Valko 8/16)
 4740 BOLIVIA R Manore: 0203 SP, time EZ mx, ID, strong sigs (Meyer-PERU 8/25)
 4750 CAMBODIA R Bertoua: 0530 ID in both EG/FR, lcl mx in FR (Klein 8/12)
 4753 SULAWESI RRI Ujung Pandang: No SCI or pips before mx at 1400; "Radio Indonesia"
 mx 1400 preceded by rock mx and vocals (Poppin 8/15) Indo tlk 1335, pope (Fedor)
 4753 BOLIVIA R Emis Bolivia: 1006 SP, lcl mx and tlk on lcl affairs, ID; Quechua (Meyer)
 4755 COLOMBIA Em Nuevo Mundo: SP 0330 w/CARACOL ID/LA mx, G (Shaffer 9/3)
 4760 VENEZUELA R Fronteras: *0957 SP, YV NA, opening ancts & ID by W, slogan "La emisora
 musical" tlk by M; het and heavy UTE, always tough co py (Perdue 8/24)
 4760 SWAZILAND TWR: 0300 in rel pgm, possibly GM/AK (Witte 9/2)
 4766 ECUADOR CRE: 0410 SP w/campo mx, guitar, flutes, harps (McVicar 8/18) 0418 w/lcl
 mx (Poppin 8/3) 1016 ID, lcl oriollo mx, some QRM in Brazil (Meyer-PERU)
 4768 NO KOREA Pyongyang: Hrd well in KR 1400 s/on (Willis-AUSTRALIA)
 **4770 PERU R Tarma: 0212 SP, new stn! Definitely not harmonic; mx, many clear IDs,
 strong sig the some QRM (Meyer-PERU 8/25)
 4775 GABON RTV: 0100 * FR, Afro mx, ID, mention Libreville, NA (Jones 8/18) 4777 2305-
 2315 FR cmty (Lineback 9/2) 0525 ID (Klein) 2243-2256 (McVicar)
 4780 HONDURAS R Juticalpa: 1052 SP, ID, ads, ranchera mx, big sig on top of Carabobo
 (Jones 8/16)
 4780 VENEZUELA LV Carabobo: 1002 w/opening ancts, ID (Perdue 8/26) 1009 (Jones) 0050
 SP, LA mx, armts, ID (Alexander) 0135 (Field)
 4782 HONDURAS R Juticalpa: 1145 SP, ranchera mx, M w/tlk & ID (Perdue 8/18)
 4785 BRAZIL R Ribamar: 0815 PT, accordion mx, LA mx, M w/tlk & ID (Perdue 8/18) 0155
 w/futbol (Schnabel 9/1)
 *4785 PERU R Cooperativa, Satipo: 0007 SP, usual huayno mx w/social notes, ID on the 1/2
 hour, fair sigs (Meyer-PERU 8/26)
 4785 TANZANIA RT: Making increasing good showings of late around 0300 (Robinson)

- 4789 TRIAN JAYA RRI Fak Fak: 1355 lcl pgm, M w/address(speech) (Poppin 8/9)
- 4794v UMID: *0828 mx with an AR flavor, Hindi or subcont flavor; stn anor seems to be in PT but pgm anor is in lang; is not Tabajara or Aquidiana; probably S.AM QTH as it best on S.Am beam antenna (Perdue 8/23,24,26) 0855-0910 in lang w/subcont flavor, stringed inst like R Pakistan or AIR;M w/amnts 0859, then ada of amnts by MMW 0900;0905 back to subcont mx (McVicar 8/29)
- 4795 ECUADOR LV de los Caras: Motivos Andinos...mx 0505 (Schnabel 8/31)
- 4797 BRASIL R Tabajara: 0820 PT, lotsa tlk by M, accordion mx, ID(Perdue) 0040 PT peps, 0047 M w/amnts, sound effects, ads, mentions of "Joao Pessoa" and "Tabajara (McVicar 8/26)
- 4797 BOLIVIA R Nueva America: 1038 SP, lcl mx, ID, more mx;ute GRM (Meyer-PERU)
- 4800HT CUBA: 18MT harmonic of R Reloj 4x1200 0600 in SP, ment of Havana/Cuba(Valko 8/16)
- 4801 ECUADOR R Popular: 0650-0715 ID, mx(Perdue 8/26) 0730 SP, Ecuadorian mx, ID by W (Robinson) 0620 w/mention of Loja, ID, pop mx (McVicar 8/31)
- 4805 BRASIL R Itatiaia: 0850-0915 PT, accordion mx, chatter by M, IDs,TCs, in mag storm, on V-beat;Amazonas not on yet(Perdue 8/14)
- 4805 BRASIL Rdif de Amazonas: 0013 PT mx w/lots of tlk, IDs (Meyer-PERU) 0903(McVicar)
- 4807 SÃO TOMÉ R Mac: 0550 PT, light Af mx, M anor(Alexander 8/13) 0534 w/full ID(Klein 2245 w/Af style pops (Moore 9/2) 2210(Peck) 2301*(McVicar 9/3) 0538 (Kraeger 8/17)
- 4810 GALAPAGOS IS LVG: 0331 "La Voz de Galapagos," ID by M(Poppin) 0017 SP w/rcl pgm, ID on 1/2 hour, strong (Meyer-PERU) IDs and s/off amnts to 0401*(Fedor)
- 4810 USSR UMID: Here at good lvl 1500;perhaps Yerevan; fades in about 1430(Willis-AUS)
- 4815 UPPER VOLTA Ouagadougou: Balafo mx, native vocal 0614 (Schnabel 9/4)
- 4820 ECUADOR R Pas y Bien: 0024 SP, ID w/fgy and TC(Meyer) *0925 w/NA, sked for day, EC mx(Jones) 0923(McVicar) 0920 opening amnts, ID,freq,NA(Perdue 8/14)
- 4820 ANGOLA ER Huila: This outlet carries Natl Pgm 0400s/on-2400* and is not Huila as listed; //3375,7245,9535 (Bloch) 2307 PT, R Nacional ID (Moore 8/27)
- 4825 PERU LV de la Salva: 0040 SP, soccer w/ads mentioning "Iquitos";good ID on 1/2 hour; (Meyer-PERU) Nice catch Kevin...but quite common for you, no...DR H1
- 4825 BRASIL Reduc Braganca: 0850 PT, ute off this morning; W anor w/ID and tlk(Klein) 0905 w/mentions of Para, PT tlk, vocal mx (Moore 8/21)
- 4825 GUATEMALA R Mam: 0115 w/full SP ID (Dayen 8/5) 0300-0305 full ID (Lineback)
- 4835 BRUNAI RM Kuching: 1220 in Bahasa Malay(Fedor) ID 1150, lcl pop vocals(DW Johnson)
- 4835 GUATEMALA R Tesulutlan: 1200 in lang/Indian dialect, marimba mx(Perdue 8/22)
- 4840 PERU R Andahuaylas: 0051 SP, personal message pgm clear ID (Meyer-PERU 8/26)
- 4845 BOLIVIA Fides: 0056 SP, blasting as usual, pol pgm w/ID on hour (Meyer-PERU)
- 4845 MOLUCCAS RRI Ambon: 1030 Indo; MCR mx and very friendly anor "Love Ambon 1059 fol by ID (Dayen 8/5) 0910 sbn at good level (Willis-AUSTRALIA)
- 4850 VENEZUELA R Capital: 1020-1042 LA mx, IDs, sports rpts (Klein, Shaffer)
- 4850 SURINAM SRS: 0100-0334 w/disco, M DJ in DT(Schnabel, Agner) 0940 w/pops(McCurdy)
- 4851 ECUADOR R Luz y Vida: 0738 w/SP campo mx pgm(McVicar) 0210 w/HC mx, ID(Meyer)1045 w/classical mx, ID(Cartwright)1037 w/powerful sig, mx(Valko) 1022 w/"Alborada para el campesino..."(McVicar) 1032 HC folk mx, ads,IDs(Perdue) 1040 ID, vocals(Lineback)
- 4854 PERU R Pampas: Huaynos, ID 1037 by M during dedication pgm (Bloch 9/9)1608(Meyer)
- 4855 BRASIL EC Para: 0530 PT, pops, IDs,TCs(Klein) 0805 IDs, mx(Johnson) 0800(Dayen)
- 4860 PERU R Chinchayoocha: 1006 w/Andean pop,TC, amnts(McVicar)0215 huaynos, ID(Meyer) Andean mx, IDs(Dayen) 0255 light mx, ID(Pineault) 0650 Manor w/lcl vocal mx(Johnson)
- 4865 BRUNAI RTB: Tlks by W, into nice lcl mx--too bad going off air(Fedor) 1348(Poppin)
- 4870 ECUADOR R Rio Amazonas: *1040v NA, ID in SP, tlk in Indian(Jones, Cartwright)0200-0429** w/"comunicados"(social notes);mx, IDs(Meyer, Schnabel, Valko, Lineback, Klein)
- 4875 BOLIVIA LC del Sur: 0030-0102 EG, Back to God Hour;complete ID 0100(Cunningham)
- 4875 COLOMBIA LV del Norte: 0400-0415 & *0915 ID, calls, mx; M w/s/on amnts, into the "Manecer Campesino" pgm 0920(McVicar, Jones, Lineback, Clifford)
- 4875 COLOMBIA R Super de Medellin: 0550 SP, IA mx, ID, amnts(Alexander) 0455(Schnabel)
- 4884 SUMATRA RRI Bukittinggi: Indo tlk by M 1306, nice vocal mx (Fedor)
- 4885 PERU R Huancavelica: 0220 SP, huaynos w/ID, personal messages,G (Meyer-PERU)
- 4890 PERU R San Juan de Tarma: 0209 SP, US disco mx, independence day celebrations, ID phone-ins, Fair sig (Meyer-PERU 7/29) Exactly on 4890, or possibly 4892??DR
- 4890 HONDURAS R Lux: 2320 SP, pop mx, ID(Perdue) 0230* claiming more power: "Ahora con mejor sonido..." (Bloch 8/30)0100 amnts, IDs (Alexander) 0057 back and loud sig, ID 0101(Cunningham) 0215 "R. Lux" IDs(Klein) 0100(Lineback) 0115 IDs, ads, ranche mx (Kraeger, Earhart) 0136-0332 IDs and LA/US pops (Cucura)0205*(Dayen)0049(McVicar)
- 4895 PERU R Chanchaymayo: 0211 SP, LA EZ mx, few huaynos, IDs/ads(Meyer-PERU)
- 4895 BRASIL R Bare: *0900 w/nice ID, many ments of Manaus;thanks to Lazarus for tip (Jones)0916 "Radio Bare de Manaus..." (Moore)
- 4895 USSR Ashkabad: Excellent at 1520; 4780 Petro also good, over Djibouti(Willis-AUS)
- 4895 MALAYSIA RM Kuching: 1115 clear RM ID 1130 by M after 5 pips, into mx(Perdue) 6 time pips 1300, W w/"Radio Malaysia, Kuching"(Fedor) ID 1200 in Iban(DW Johnson)

Just enough room to say beward of two stations on 3338/3339....

73essssssssssssDAN

log report

section

4900-6199

B

STEVEN WISEBLOOD

- 4900 VENEZUELA R. Juventud: 0110-0400* U.S. rock & soul mx. SP anmts & NA @ S/off (Alexander)
- 4907.6 VENEZUELA R. Carora: 1075-1040 Marimba mx & vocals, ID & TC by M in SP (Wisblood 9/18)
- 4910 ECUADOR Em Gran Colombia: 0405 SP ad string, ID's. Fair w/bad het (Klein 8/15).
- 4910t URUGUAY R. Dif. Soriano-Mercedes: 0530 W vocalist, partial ID in which the word "Difusora" was clearly heard (Schnabel 8/31). Believe Ecuador more likely here -ScW
- 4915 KENYA GBC: 2245-2305* Ai'ro drum mx, ID by M, EG nx, hymn & prayer by M in vernaculars, NA by a band (R McVicar, Cunningham). 0624 tkl by M in vern, drum IS (Schnabel).
- 4915 BRAZIL R. Nacional Macapa: 0238-0247 Brazilian pop vocal mx & some U.S. pop mx, PT anmts & ID. Fair (Wisblood 9/18). 0832-0930 Braz. mx, PT tlks & ads (Cunningham, Jones).
- 4915 CHINA Guangxi: 1252 brief cuts of CH mx, time pipe @ 1300, M&W in CH w/nx (Fedor-CA).
- 4920 ECUADOR R. Quito: 0405-0500* Jingle sung "Ecuador Radio". Excellent (Schnabel, Valko).
- 4920 AUSTRALIA ABC/VLM-4 Brisbane: 1212 M in EG w/nx, TC for 7:15pm (Fedor-CA). Wrong TC!
- 4925 BRAZIL Dragao do Mar: 0217-0300* Jingle IS & QTH mentioned, many TC's (Bloch 9/4).
- 4925 COLOMBIA Em Meridiano 70: 0245-0319 Upbeat LAM mx, Message by M (Whitaker, Perdue). 0949-0955 LAM pop mx, M dj w/armts, canned ID's, Excellent this morning (Cunningham).
- 4925 CHINA Heilongjiang: 1352 CH tlks by W, lcl mx. M&W w/nx in CH @ 1400 (Fedor-CA).
- 4929 UNID 1331 tkl by M in INDO type lang., fast version of INDO NA by chorus, missed ID, brief bell-like mx followed by tkl by M (Poppin-OR 8/7). Good Work, George! -ScW
- 4930 TURKMEN SSR Ashkhabad: 0231-0300+ Clcl mx, tkl by W in RS, Mayak IS (Wisblood 9/18)
- 4932 NIGERIA Benin: 2306-2307* EG tkl & S/off info., Choral hymn -not NA (Bloch, McVicar).
- 4932 INDONESIA Jawa-Surakarta: 1338 tkl by M in Indo Lang., Fair in Oregon (Poppin 8/7).
- 4935 PERU R. Tropical: 0228-0230 long tkl by M in SP. Poor (Wisblood-CA 9/18). 1050 tkl by M in SP, followed by tkl by a second man w/mention of Tarapoto, ID (Perdue 8/14).
- 4939.0 ECUADOR R. Difusora Nacional del Ecuador: 0408-0433* LAM mx, ID by W @ s/off, choral version of Ecuadorian NA some nites & instrumental version other nites! (Perdue, Klein, Valko). 1024-1045 Instrumental folk mx, M&W in SP w/nx Poor-Fair w/het (Lobdell, Wis'ood)
- 4940 IVORY COAST RIVI: 2305-2325 M&W w/trlk in FR, Clcl mx pgm (Moore, Linebank 9/2).
- 4940 CHINA QuinHai: 1249 Theatrical play w/dialogue by M&W in CH & occasional bits of oriental mx (Fedor-CA). 1420 long tkl in CH, the dominant stm on this fgy (Willis-AUS).
- 4943.8 VIETNAM Hanoi-HS1: 1251 operatic style mx, brief tkl by W, anthem type mx (Fedor-CA).
- 4945 BRAZIL R. Emissora Rural-Petrolina: 0756-0807 Clcl mx & anmts by M in PT, some pop mx, Folk mx, choral mx, ads. Fair-Vy. Gd w/Colosal OFF the Air! (R McVicar 8/27). FBI-
- 4945 COLOMBIA R. Colosal: 0430-0730 fast LAM mx, TC's/ID's by M ancr (McKinney, Byron-NY)..
- 4950 SARAWAK RMS: 1242 CH tlks & interview pgm, 1245 M in CH w/trlk (Fedor-CA).
- 4951.7 MONGOLIA RUB: 1304-1307 mx by W in Mongol., as strong as Sarawak today! (Wisblood 9/19)
- 4955 COLOMBIA R. Sta. Fe: 0130-0548 LAM mx, fast tkl in SP by M ancr (Alexander, Earhart).
- 4970 VENEZUELA R. Rumbos: 0030-0500* LAM mx, ads, SP anmts (Tannenwald, Valko). 0705 (Moore)
- 4978.9 GHANA GBC-Ejura2: 0534-0540 choral mx, sermon by M in EG, gospel mx (Wisblood 9/18)
- 4980 ECUADOR Ondas Azuayas: 0430-0500* Upbeat LAM standards, ID, SP tkl (Schnabel, Valko).
- 4980 VENEZUELA Ecos del Torbes: 0155-0255 LAM pop & Samba mx, SP ads (Bauernhuber, McCants)
- 4985 BRAZIL R. Brasil Central: 0000 PT nx, tkl, ads & ID's (Tannenwald 8/16).
- 4990 VENEZUELA R. Barquisimeto: 0010 LAM mx, SP anmts & ID's (Tannenwald-NY 8/16).
- 4990 CHINA Human: 1237-1330 lite piano version of "Sakura", into tkl by W in CH, CH vocals, Instrumental mx w/many oriental instruments (DW Johnson-WA, Wisblood-CA, Fedor-CA).
- 4990 NIGERIA Lagos: 2252-2313* TC, ID, EG nx pgm, election returns (Alexander, Insalaco). 0530-0535 Afro pop vocal mx, tkl by heavily accented W in EG, TC (Wisblood 9/18),
- 4990 SOUTH AFRICA R. RSA: 0320-0426* M in EG w/nx (Insalaco, DW Johnson, Whitaker-NC).
- 4995 PERU R. Andina: 0534-0538 ID, vocal indian type mx (Poppin-CA), 1025-1055 (Perdue).
- 4995 MONGOLIA RUB: 1228 possible NA, tlks by M&W in Mongolian (Fedor-CA). 1315-1317 tkl by M in RS, haunting orchestral melody, interview by W in RS. Good (Wisblood 9/19). Heard to S/off @ 1500 w/big signals, not on 5054 anymore (Willis-AUSTRALIA 8/23).
- 5000 CAMEROON The African sounding station noted here 8/2 was IDed by the BBC-MS as R. Garoua. It has since returned to nominal 5010 (Hauser-TN).
- 5000 ITALY IEP: 0550 CW ID's & TC's "IEP IEP IEP 0650". Poor u/WVWVWV (R McVicar 8/26).
- 5010rf CAMEROON R. Garoua: 0433 holy chanting by M. Vy. Gd (R McVicar). 0503-0525 EG & FR nx, Afro mx, chanting, chorus & flute mx. (Schnabel, Cucura, Valko, Alexander).
- 5010 PERU R. Eco: 0153-0401 lcl pop mx, SP anmts & ID's (Lobdell, Field, R. McVicar). 1005-1012 mx from the high Andes, NA @ S/on & ID by W; Vy. Good (Klein, Perdue).
- 5015 BRAZIL R. Cultura Guaiaba: 0536-0710 Brazilian pop & MoR mx, ID (Poppin-OR, Dayen).
- 5020 NIGER Niamey: 0530-0600+ Afro tribal chants, tkl by M in vernaculars, stringed-instr. Koranic chanting. Peaked around 0550 (Perdue, Schnabel) **OUT OF ORDER** →
- 5020** PARAGUAY LV del Nio: 0130-0200+ M dj in SP, US pop & disco mx, TC & ID (Wisblood 9/25)

- 5020 SOLOMON ISLANDS SIBC: 0757-1133* U.S. pop & C&W mx, 1cl nx in EG following TC & ID. //9545. Poor-Fair w/QRN. (Shaffer-IN, Cunningham, DW Johnson, R Moore).
- 5020 COLOMBIA Ecos del Atrato: 0134-0400 SP ads, Andean type mx, ID's & many TC's, one full ID included frequencies of 1400kHz & 5020kHz (Lobdell, Bloch, Dayen, Field). 1050-1100 Ranchero & Lam mx, M ancr & occasional W ancr. Noisy & Fading (Perdue 8/22)
- 5025 PERU R. Quillabamba: 0030 possibly the stn under the Brazilian w/SP tlk. Vy. Weak (Dayen). 1050 ID by W over theme mx, tlk by M in SP w/possible nx (Jones-MS 8/29).
- 5025 BRAZIL R. Borborema: 0030-0413 Brazilian type pop mx, 2.M in PT w/tlk, ads & mention of Sao Paulo & Brasilia (Schnabel, Dayen, McVicar). 0803-0828 tlk by M&W in PT, ads, 1cl pop mx & occasional ID's. Fair-Poor w/QRN (DW Johnson, Perdue).
- 5030 VENEZUELA R. Reloj Continente: 0105-0422 Two M ancrs w/ID's, "Noti-Rumbos" nx with chimes between items, Lam pop mx. Excellent (Kelly, Valko., Alexander, Insalaco).
- 5035 CENTRAL AFRICAN REPUBLIC Bangui: 2300* ID in FR @ 2256, then NA (Bloch/late August)
- 5040 COLOMBIA R. Cinco: 0420-0840 Lively Lam mx, ID's & TC's, M ancr in SP; ID as follows: "Radio Cinco, La emisora de la Colombia" (Pennington, Perdue, Valko, R McVicar).
- 5040 PERU R. Libertad de Junin: 0725-0732* Rustic Peruvian mx, M ancr in SP w/ID, abrupt S/off (Perdue 8/14). 0805-0807 Lam & Campo mx, ID's & TC's, SP anmts. F-G (R McVicar).
- 5041a BURMA BBS: 1105-1120 Sexy voiced W in Burmese w/1cl mx, //5985 (Bloch 9/3). Heard again on this frequency at a goodish level w/EG nx @ 1445 (Willis-AUSTRALIA).
- 5045 BRAZIL R. Cult do Para: 0130-0303* Brazilian & U.S. pop mx, M ancr in PT shouting into the mike, several ID's (Perdue, D'Angelo). 0700-0800 Brazilian pop mx w/no anmts, unscheduled time but judging by the signal strength probably Para (Dayen). 0915 fast Lam mx, ID by M in PT, Strong during Active Geo-magnetic Conditions (Perdue 8/26).
- 5045t COOK ISLANDS RCI: 0909-0920 Island mx, M ancr in lang., Vy. Poor (Gliksmann 8/18).
- 5046 JAWA Yogyakarta RRI: 1345-1400+ Prayer chant by high-voiced person, W in IN w/anmt of "Yogyakarta", slow mx w/low brass section & stringed instr., another mention of "Yogyakarta" by the same W, short dinner-bell chime, 1400+ M in IN w/nx (Poppin-OR).
- 5047 TOGO RT: 2350 Afro mx w/drums & tribal singing (D'Angelo). *0530-0604 IS, NA, opening anmts in FR, into nx by M in FR, into local vocal mx (DW Johnson, Dayen, J Fisher-MA).
- 5050 VENEZUELA R. Mundial: 0639 ID as "R. Cadena Mundial", Fair (Jones-MS). 0753-0831 Lam pop mx, SP anmts, jingle ID between songs, M in SP giving winning lottery numbers. Strong w/QRN (R McVicar 8/29). 0945-1010 Lottery number promos (Klein, Lobdell, Moore).
- 5050 PERU R. Loreto: 0020 musical pgm, still audible until after 0200 in the QRN (Field). 0415-0430 Campo mx, SP anmts, ID b. M @ 0430. UTE QRM (R McVicar). 0625-0710 Lam mx & U.S. pops, M ancr w/ID & TC's (Dayen, Perdue). 0910-0944 much mx & little tlk (Valko).
- 5054.7 COSTA RICA TIPC: 0324-0400 M in EG w/sermon, ID, frequencies & NA @ S/off (Clifford, Whitaker, Schweikart). 0945 SP religious pgms, individual prayers (Tannenwald 8/22).
- 5057 ALBANIA R. Gjirokaster: 0340-0409 Eastern sounding folk mx & wild balkan melodies, Some tlk by W in 1cl lang., Very Good (Schnabel, R McVicar).
- 5060**ANGOLA ER de Huambo: 2245-2300* & -451-0530 Relay of National-A pgm @ 0530 (Bloch).
- 5061.3 ECUADOR R. Sistema de Emisoras Progreso: 0300-0905 Andean style vocalists & guitar mx some SP anmts & ID's, TC's (Klein, DW Johnson, Clifford, Dayen, Schnabel, R McVicar).
- 5095 COLOMBIA R. Sutatenza: 0310 Lam mx, tlk by M in SP. Heavy CW QRM (Bauernhuber).
- 5100**ANGOLA ER de Mocamedes: 2301* & 0448 Fair during the rare breaks by the UTE (Bloch).
- 5170 CHINA FPBS: 1042-1055 W ancr in CH w/oriental mx //4380 & 4840 (Cuaura 8/29).
- 5191**ANGOLA ER do Mexico: 2220-2305* Afro & PT mx w/drums & flutes, ID, list of frequencies and S/off. Clear channel w/good signal some days (Bloch, Cartwright-PA).
- 5240 CHINA FPBS-1: 1045 CH tlk & mx //5265, 5900, 6765 & 7850 (Bloch).
- 5585a BOLIVIA R. Machupo: 0152-0208* Lively songs all sung by the same male recording group, TC @ 0200 by M in SP, 2 clear ID's @ 0207, carrier off @ 0208. Signal ranged from Poor to Good constantly fading in & out w/Beverage antenna pointed south (McVicar 8/13)
- 5770 CHINA FPBS-2: 1050 CH tlk //4380, 4840, 5170, 5000, 7025, 7280 & 8195 (Bloch 8/29).
- 5881 ARGENTINA R. Rivadavia: 0129-0353 SP nx pgm, many ID's, tlk by M&W (Lobdell, Peck-NY)
- 5900 CHINA FPBS-1: 1056-1107 Clsc1 mx, M&W in CH w/nx @ 1100, //5240 & 5265 (Cuaura-PA).
- 5930 CZECHOSLOVAKIA R. Prague: 0127-0130 EG cmntry on WW-II (CL Hensley 9/4). 0315 EG mx, cmntry, slight fading (Bauernhuber 9/8).
- 5940 ASIATIC RSPSR Magadan-HS: 0955 RS tlk about writers, gave an address (Dayen).
- 5945 AUSTRIA ORP: 0130-0125 EG "Report from Austria", IS (CL Hensley 9/4).
- 5950 GUYANA OBS-Action Radio: 0130-0258* EG political speech by M w/mention of Guyana, ID, & S/off anmts (Alexander 8/28). 0810-0903 Hindi mx, M ancr in EG w/birthday greetings 0850 Agricultural pgm, 0900 ID, TC & EG nx & traffic laws, into pgm of religious hymns. Very Good signal (Perdue, Clifford, Cunningham, McCurdy, McVicar, Valko).
- 5954 COSTA RICA TIQ-Casino: 0510-0535 Calypso mx, U.S. ballads, EG nx (Klein, Alexander).
- 5955 COLOMBIA LV de los Centauros: *0930-1020 S/on anmts by M, NA, full ID's, Clsc1 mx, Harp mx & SP vocal ballads. Very Good (Klein-FL, Perdue, D'Angelo).
- 5960 CANADA RCI: 0007-0008 For a minute on 8/27 RCI suddenly became the BEC-WS as someone was playing with the feed line in Montreal. This happens so often that one must conclude that there is no clearly organized method at Montreal to prevent this. Indeed the system seems to encourage it (Hauser-TN). 0100-0118 EG Wld nx, "A Day in the Life" claims that RCI receives over 2,000 letters per month (Hensley, Reynolds). That figure seems a bit high, I wonder if the CBC domestic network is also included. Scw

- 5965 NIGERIA FRC-Jos: 0750 M gave ID as "NBC", EG nx @ 0400, Afro pop mx (Witte-CA 9/2)
0500 EG nx, TC, ID, Afro folk mx (Alexander 8/13).
- 5965 BRAZIL R. Guaiaba: *0900 S/on with big signal at the moment. But not for too long!, this is perhaps the best of the Brazilians in Australia (Willis-AUS). 0915-0920 Tlk by M in PT, Lam accordion mx, ID @ 0919. Good (Cunningham).
- 5970 PERU R. El Sol: 0436-0455 Tlk by M in SP w/background mx, ads & ID's (Poppin-OR). *1031 Suddenly there w "El Sol en Los Andes" ID, "musica del pueblo" Good (Klein-FL)
- 5975 GREAT BRITAIN BEC: 0140-0200 british comedy pgm (Swain 8/20).
- 5980 LIBYA SPLAJEC: *0600 NA, ID by M, into Koranic chanting. P u/Strong OC (Klein 8/14)
- 5980 SOUTH AFRICA R. RSA: 0155-0245 EG nx, "S. Afr. Panorama", IX pgm (Cobb, Moore, Lev)
- 5980 SIERRA LEONE SLES: *0602 IS, Afro mx, BEC nx in EG, tlk in vernaculars, EG ads, "Voice of Salvation" gospel pgm. Announcer said that the pgm "... is coming to you from Freetown, the capital of the nation" (Cartwright, Carbis, Schweikart, Bloch).
- 5985 MEXICO XERMK: 0102 ID, freqs., "XERMK" call letters. Vy. Good (Jones-MS 9/7).
- 5985 BURMA BBS: 1105-1115 lcl mx, though much weaker than 5040 (Bloch 9/3).
- 5985 GERMANY RFE: 0600 IS (contrary to WRIVH '79, it is still used), ID, into Hungarian nx for Eastern Europe. Very Good (Klein 8/17).
- 5986a ARGENTINA R. Splendid: 0940-1020 2-M in SP w/nx, TC, ads & folk mx (Dayen, McVicar)
- 5988v COLOMBIA R. Emisora Nacional de Colombia: 0456-0502* Tlk by M in SP, ID, band mx NA @ S/off. Good-Vy. Good (Poppin-CA 81 & 8/2).
- 5990 ROMANIA R. Bucharest: 0200 EG cmntry, heavy QRN (Bauernhuber 9/8).
- 5995v COLOMBIA RN: 0945 hideous het from Australia, //9630 w/LAM mx. EG lessons @ 1038, slowly drifting to 5990, highly unstable Xmtr (Klein 8/13). Likely an old VFO -ScW
- 5995 AUSTRALIA RA: 1211 usual EG pgm w/pop mx & interviews (Wentzell-MN).
- 5995 MALI Bamako: 2220-0002*LAM type pop mx, folk mx, M ancr in FR between songs, ID & anthem @ 0000 by a band. AFRTS QRN (McVicar, Peck_NY). 0705 M in FR w/nx (Klein-FL)
- 5998v COLOMBIA RN: 0945-1000 drifted downward to 5992 in 15minutes, at this rate it should be on 5655 by 0000. Fair-Good (Jones-MS 8/31) Lets call 5990 nominal on this one!_SW
- 6000 AUSTRIA ORF: 0415 M in GM w/amnts; local folk mx (Moore 8/13).
- 6000 BRAZIL R. Incofinidenciar: 0010-0134 futbol match between Brazil/Bolivia, U.S. & Brazilian local pope, PT amnts, ID @ 0140. Truly excellent (Cunningham, Dayen).
- 6005 CANADA CFCX-Montreal: 2000 Expo's baseball (Braga 9/3). 2356 Expo's baseball (McVicar). 1230-1233 rock mx, ID by M in EG, heavy T*storm QRN (Whitaker-NC). GO EXPO'S!!! 0934 M in EG w/sports rpt & ID, pop vocal mx. Weak, but clear (DW Johnson 9/3).
- 6006 COSTA RICA R. Reloj: 0644-0659 a few notes from "Close Encounters", full ID. into Andean type mx (R McVicar, Dierks-MI). 0937 Lam mx (Holland).
- 6009a VENEZUELA R. Los Andes/Mil Cuarenta: *0958-1025 Piano rendition of NA, ID by M, Lam mx, folk ballads. Reloj generally botching up things (Klein, McVicar, Jones-MS).
- 6010 EAST GERMANY RFI: 2305-2315 GM talk, IS @ 2315 (Klein-FL). 0015 SP tlk (Valko).
- 6010 PORTUGAL Rdf de Portuguese: 0552-0601 Chimes, PT tlk, ID, NA @ 0601 (Valko 8/21).
- 6012.5 ANTARCTICA APAN: 0803-1225 USB reduced carrier, gave ID as "This is APAN-McMurdo, THE WORLDS SOUTHERN MOST RADIO STATION", "Navy Happenings" pgm, lots of C&W mx, You'd think that just hicks were inhabiting that part of the world! HI! (Rankin-KS, Perdue)
- 6015 VATICAN STATE VR: 0008-0015 EG Wld nx, ID, TC, into FR pgm (Swain) *0100-0115* EG nx, frequency schedule, tlk of the Pope's speech (D'Angelo, Zilmer, McCants).
- 6015 BRAZIL R. Clube de Pernambuco: 0807 Brazilian pops, sound effects (Moore, R McVicar)
- 6020 MEXICO R. Nucleo Oro: 0600* SP s/off amnts, NA & S/off (Dayen 8/12).
- 6020 CHILE R. Diego Portales: 0529-0559* ID, SP vocal & orchestral mx, deep fades (Poppin)
- 6020 PERU R. Victoria: *1100 brief musical interlude, ID, late S/on Sundays? (Jones-MS)
- 6026m COLOMBIA Ecos del Combeima: 0000-1010 so apparently 24hours, this freq. ex-4785, "Noticias Super" 0000-0030, thrm lcl ID, ballads, SP amnts and occasional birthday greetings, many TC's, no mention of SW, just MW-1020kHz (9 reporters!) FB!
- 6030 JAPAN RJ: 0900 IS, tlk by MAW in KR, lcl mx (Valko 8/24).
- 6032a COSTA RICA R. Reloj: 0730-1130 ID's by M in SP w/clock in background. As I recall this happened earlier in 1979. Possibly a punch-up error (Klein, Valko, Jones-MS).
- 6034 BOLIVIA R. Panamericanas: 0015-0105 Lam mx, SP tlk & ads, ID (Cartwright, Valko).
- 6035 BRAZIL R. Globo: 0040-0055 Phone-in pgm, futbol pgm w/excited sports ancr (Yajko, D'Angelo). 0904 on Aug. 18th, an exceptional Brazilian night, this is the first time I haven't heard Bolivia here! (Willis-AUSTRALIA).
- 6035 LIBERIA VOA-Careysburg nr Monrovia: 0359-0414 African svce, "B'fast show" (Sorensen)
- 6040 UKOGBANI VOA-Woolferton: 0433 "Breakfast show", ID (Valko 8/16).
- 6045.3 COLOMBIA R. Melodia: 0200-0950 Lam mx, ID's, SP amnts, TC's. Fair (5 reporters).
- 6045 AUSTRALIA R.A.: 1215 EG nx, ID, //5995 (Alexander 8/29).
- 6050 ECUADOR HCJB: 0915 Quecha religious pgm //9705, //3220 after 0930 (Klein 8/15).
- 6050 SARAWAK RMS: 0947-0957 M tlling in island language. Good (Whitaker-NC). //5005 -SW
- 6055 JAPAN NSB1: 0900-0950 EG lesson appropriately titled "Lets learn Japanese", into a long drawn-out story about a typhoon. Very Good (CliffordM Klein-FL).
- 6060 AUSTRALIA AR1 1340 2-M w/tlk of stamps issued by Norfolk Island (Hensley-TX).
- 6060 ARGENTINA RN-Buenos Aires: 0943-0946 EZ listening guitar mx, ID by W(McVicar, Johnson)
- 6065 COLOMBIA R. Super: 0620 Lam mx, SP amnts & ID's (Alexander 9/8).

log report section C

6200-11699

PETER SCHIPPELLI

In last month's column, after the paragraph from Tom Gavaras I inadvertently said "Thanks for the kind words Greg." I meant Tom, but a friend named Greg walked in when I was typing the column. - To Sam Barto I would like to say thanks for the great time had by all at the **NEADIX** outing at Black Rock State Park on September 9th. I would also like to thank all that showed up for the Boston Area DX'ers meeting of September 23rd at my QTH here in Burlington, MA. Those in attendance included "The Brockton Bomber"...Bob Wirrell, Language Derivative himself...Mark Zimoroski, "Mr Ute...Ken Compton, your "Antennas/Accessories" editor Mike Agner, your QSL column editor...Sam Barto, And now the Good guys; Greg Bares, Chris Lobdell, Nancy Tilley, Greg Caliri & Family, not to mention myself. I must thank my mother for her support as well as her lunch preparation. Many topics were covered at this meeting. Such topics included; DX'ing, QSL & Verification Techniques esp. the way in which Bob Wirrell obtained a QSL from R. Havans Cuba, Opinions on various audio filters, and would you believe Big Time Professional Wrestling---Cuntry by Bob Wirrell. The highlight of the day was when Bob Wirrell balanced a Ten speed racing bike on his chin in my front yard. Honest!! I hope my pictures come out. Don't miss the next one!

- 6215 **USA--PIRATE** WDAB; 0150-0210* EG, Rock Oldies w/ chatter, gave P.O. Box 678, Daytona Beach, Fla. 32017, up to 6218 at 0154 (Buer 8/20); 0825-0835 EG (Perdue 8/23)
- 6277 **UNIDENTIFIED**; Station heard playing Greek/Turkish popular music from 1400 to 1435* No smts at all. Perhaps R. Bayrak? (Is this still on this channel?) Not heard since at all. 8/23 (Willis-Australia) WRTH'79 list 6283 R. Barrak, Cyprus. ps.
- 6550 **LEBANON** Voice of Lebanon; Heard at excellent level at 1420 fade in, and past 1500. Popular Mx, w/ some AR & FR smts. (Willis-Australia 8/23) listed at .5 kw ps.
- 6676 **LAOS** Xieng Khouang; Still the best regional Laotian, heard from 1200-1400*, Mx, Lao smts, and central news relay at 1200. (Willis-Australia 8/23); 1108 (Bloch 8/29)
- 6840T **CHINA--INNER MONGOLIA** Hubehot; 1040 via tip from Gerry Berg tuned here at this time to find weak bits of string Mx and a tlc by Yl in CH, weak tho no QRM (Agner 8/26)
- 7110 **ETHIOPIA** VORE; HS excellently heard on this freq. at 1520 //5990. Both had Mx & some smts in a local language - perhaps Amharic. Exc (Willis-Australia 8/23) : *0329 ID in tent Amharic, QRM VOA at 0359 (Bloch 9/6)(Glicksman 8/9)
- 7128 **USSR** RM HS; heard quite regularly on this off-channel freq. such as at 1330. (Willis-Australia)
- 7140 **MONACO** TWR; 0440-GM, IS w/ what sounded like a door opening in between tunes. ID by OM & Yl (Valko 8/28)
- 7155 **JORDAN** R. Jordan; 2235-2300 AR, AR signing, fading up through ARO QRM, ID at 2300. (Gartwright 8/22)(Valko 8/21): *0330 (Bloch 9/9)(Krueger 8/27)
- 7160 **SARAWAK** R. Malaysia-Euching; 1040, CC talks, lite Mx, time pips @ 1100 into KE w/ tlks, Mx; QRM from AROs. poor (Lobdell 8/18) Chris, It looks like you found a hot spot while vacationing in NWJ ps.
- 7170 **NEW CALEDONIA** R. Noumea; 0702 FR, IDs, EG pop Mx (Moore 9/1)(Peck 8/12)(Bloch 9/9)
- 7190 **YEMEN** DYES (Aden); 0300 AR w/ NA by band, OM w/ IDs (R. McVicar 8/24)(no name)
- 7200 **ASIATIC** RSFSR Yakutsk Domestic Radio; 0125-0135, RS, Piano exercises to 0130, Mx, good w/ Ham QRM. Tux to UHN for QTH (Buer 8/27)
- 7215 **BRUNEL** RTVB; presumed CC tlks, apparent EG lessons from 1030-1045, then time pips, covered by ARO by 1055. poor (Lobdell 8/16) Station not noted since 9/1.
- 7215 **IVORY COAST** R. Abidjan; 0630 FR, ID, Mx, tlks by OM (McKenney 8/13)(McCurdy 8/12)
- 7225 **TUNISIA** RTT; 0433 AR, AR wailing by OM, QRM, terrible het (Valko 8/24)
- 7230 **CYPRUS** CBC; IS on guitar, s/on theme at 2215 into Nx by OM, // 9695 vgd, fair. (R. McVicar 8/25)(Cucura 8/25)
- 7255 **NIGERIA** Voice of Nigeria--Lagos; 0525 EG, OM DJ w/ local pop Mx, ID @ 0530 "This is The West African Service of the Voice of Nigeria", Mx, fair-good w/ ARO QRM (9/3 D.W. Johnson)(Kelly 8/25)(Williams 7/15)(Melvor 8/18)
- 7265 **GERMANY (WEST)** Sudwestfunk; 0230 GR, E-Z listening Gr/Eg pop Mx, OM DJ (Alexander 9/8)(D'Angelo 8/19)
- 7285 **CHINA** Unknown QTH; 0915 CH, "East is Red" Mx followed by Yl tlks. Definitely not R. Feking on 7290 KHS, It was there. (D.W. Johnson 9/3)
- 7295 **MALAYSIA** RM--Penang; 1350 EG, OM w/ sports, time pips & ID @ 1400, Mx by OM. good, (D.W. Johnson 8/11)
- 7300 **ALBANIA** R. Tirana; EG Mx & cuntry, echo effect on signal (Moore 8/19) what time? ps.
- 7384T **LAOS** National Radio of Laos--Savannakhet; *1055-1130, kind of anthem into Lao tlks, by OM & Yl. supposedly relays Vientiane at that time (Bloch 8/29) WRTH'79 list 7385.

- 7500 AUSTRALIA VNG; 1209 EG, time ticks w/ ute QRM (Valko 9/13)(no name)
- 7600 ECUADOR HD210A; 0427 in SP w/ time pips & time given every minute by OM. Good (R. McVicar 9/4)
- 7670 BULGARIA Bulgarian Radio--Stolnik; 0425 in Bulgarian lang, tlks by YI, IDs and 2 different ISs (same as used on foreign svc) repeated ID at 0430, YI read freq. & meter bands, IS sgn then Mx. Good (R. McVicar 8/16)
- 8007 CHINA Central People's Broadcasting Station; 2314 in presumed CH w/ YI & OM tlks poor-fair (R. McVicar 8/30)
- 9360 SPAIN SFR; SP, Latin American Mx & SP tlks (Wentzell 8/24) What time? ps.
- 9375.3 GREECE Voice of Greece; 0200-0209 GK, IS, Mx, Is this some kind of feed? (Buer 8/27) This freq. is probably a 2d order transmitter mixing product. ps.
- 9410 GREAT BRITAIN BBC; 0100 EG, Hard Rock Mx (Ginert 8/18)
- 9420 NORTH KOREA KCBS; 1100 SP, IS OM anncr w/ ID, IS, NA, ID & then Mx by YI. good Klein 8/7) This is beamed to L.A. ps.
- 9423 THAILAND Voice of the Thai People; has not been heard on this freq. or on 6034 KHz. For latter August. Seems to have left the air. (Willis-Australia)
- 9475 EGYPT R. Cairo; 0309 EG, AR Mx, tlks by OM asking for reception reports. ID's, good (Valko)(Rogovin 8/30)(Cobb 8/24)(D.W. Johnson 9/3)
- 9490T CHINA Tibet--Lhasa; on another tip from Gerry Berg, tuned here at 1050 and found a YI & OM in a 1-o-n-g tlk w/ no Mx, apparently a political discussion of some sort. The weak was in the clear. (Agnr 8/27)
- 9490 COSTA RICA R. Noticias del Continente; SP cntry on Africa, ID & "Musica del (0430) Tropico" fair (Lobdell 8/12)(R. McVicar 8/8)(Buer 8/20)(Gunningham 8/21)(Klein 8/14)(Valko 8/25)(Shaffer 8/20)(Pinesault 8/21)
- 9495 MONACO TWR; *0625-0755* EG, various religious topics and hymns. No freq. anncrs except "31 meter band". (Pickard 9/7)(D.W. Johnson 9/3)(McCurdy 9/2)
- 9500 MONACO TWR; 0700 EG, religious pgm, strong but riding somebody's carrier. (McCurdy 8/12)(Klein 8/13)(Hauser 8/13) As far as TWR, I believe that both of the above freqs. are MF but 9500 KHz. no longer active. Let me explain, TWR was testing in this part of 31 meters in early July. They probably tried 9500 but due to QRM they are now on 9495 KHz. Notice all reports for 9500 are August whereas 9495 reports are September. Let's check this out. ps.
- 9505 CZECHOSLOVAKIA R. Prague; 0625 FR, Interprogramme...inviting listener's comments. ID as "Ici Prague" good (Klein 8/13)(Krueger 8/17)
- 9505 JAPAN NHK; *1000-1030 EG, ID, Mx, cntry on the Energy Crisis, "Japan Today" (Samesky 8/29)(Woltman 8/31); *1400 EG (Yajko 8/19)
- 9515 GREECE Voice of Greece; 0219 EG, Mx by OM, mention of Havana Summit Conference (Hensley 9/4); 0000 GK (R. McVicar 9/3)
- 9515 TURKEY Voice of Turkey; 2130 EG, Mx & DX pgm (Krause 9/3)(Klein 8/14)
- 9520 PAPUA NEW GUINEA NBC; 1020 EG, EZ Mx, lite pops, Tc's, ID's, many adds, good (Klein 9/2)
- 9525 SOUTH KOREA R. Korea; 1028 EG, OM listing freqs. & target areas. Orchestral theme Mx, into SP pgm. good, but a bit bubbley (R. McVicar 8/31)(Klein 8/26)
- 9535 SWITZERLAND SRI; 0700 EG, "Dateline"...Hurricane David destroyed the Island of Dominica. (Hensley 8/31)(Klein 8/5)
- 9545 SOLOMON ISLANDS SIBC; EG/Pidgin, Pop vocal Mx, OM DJ, ID & Tc @ 0700, local birthday wishes & request for "Chitty-chitty Bang-bang", good w/ slight QRM-DW. (D.W. Johnson 9/3)(Peck 9/3)(Willis-Australia 8/20)(R. McVicar 8/22)
- 9550 CHILE R. Nacional; 0350-0401+ SP, Beatle medley, talk about "la patria", ID "Nacional de Chile, Santiago" and gongs IS w/ same melody as on international service (Walcott 8/26)
- 9550 FRANCE RFI; 0715 FR, better than some transmissions to ECNA, this one beamed to East Europe. very good-exc (Klein 8/5)
- 9560 ETHIOPIA VoRE; FS heard at 1500 in EG and //7165. good (Willis-Australia)
- 9565 MALTA Deutsche Welle; 0145-0149* EG, tail end of discussion of Nuclear Power Safety ID, closing Mx, into GR w/ GR ID by OM (McCants 8/16)
- 9570 ROMANIA Radio Bucharest; 0150 EG, "Radio Newsreel", "Tourism in Romania" //5990, 9690, 11735, 11840 & 11940, but this 9570 is the best (alexander 8/29)(Ginert 8/15)(D.W. Johnson 9/3)(Swain 8/16)
- 9575 ITALY RAI; RAI resumed this for EG to NAM 0100-0120 as of 9/3, getting off of RN's 15315. Of course, the spaced out anncr was still anncing 15315. (Hauser)
- 9579 PHILIPPINES Voice of the Philippines was reported by Bill Miller to have resumed its international service on 8/15, including NAM beams at 0657-0955 and 1357-1655 (Sun 1555) on 9580 and 11950. No sign of latter xmsn here or latter freq. at any time; but on 8/28 I did manage to copy R. Pilipinas off-freq. as in previous years, hearing Radio Korea 9580. At 1001 gave Malolos, Bulacan site ID, anthem, and no noticeable break in xmsn tho antenna switch sked at 0956, however, after 1000, TWR-Bonaire 9575 splash in GR was worse (Hauser)
- 9580 AUSTRALIA R. Australia--Shepparton; 1200 EG, World Mx & International Report, good (Reynolds 8/20)(Hensley 9/4)(Hoffmann 8/17)(Wentzell 8/27)

- 1580 SOUTH KOREA R. Korea; ID by OM then Korean Mx pgm into Mx at 1015. Strong! (Agner 9/3)(Peck 8/12); *0928 KR (Klein 8/6)
- 1580 ZAMBIA R. Zambia; Must be on the air again, for the FS signed on at 1500 with usual bird calls. It had announcs in local languages, so perhaps it was a relay of the HS? Fair signal, under a few others (Willis-Australia 8/23); 0505 VERN (Witte 9/6)
- 1584.2 CLANDESTINE Voice of the Communist Party of Turkey; 0556-0601 Turkish. IS (7 notes), 0559 choral march, OM w/ repeated ID, s/en announcs. fair-good (R. McVicar 9/4)
- 1585 BRAZIL R. Exmlsior; 0850 announcs & Mx. Good w/ flutter. Never heard again at this quite good level. (Willis-Australia)
- 1585 SOUTH AFRICA Radio South Africa; *2100-2200* EG, ID, Mx, "Touring RSA", "Saturday Night RSA" (Art & Theatre), "DX Corner" (Semsky 8/11)(Earhart 8/20)(Reynolds 8/15); 0205 EG (Wentzell 8/29); 0455 Loni (D.W. Johnson 8/30)
- 1590 NORWAY R. Norway; *0200 EG, "Norway this Week". QRM all around (Braga 9/3)
- 1595 JAPAN NSB; 0915-0940 EG, Interview w/ a singer & Musical selections. Lang lesson, into JP at 0928 (Gliksmen 8/3); 1150 JP (Clifford 8/4); 1530 EG (Carbis 9/1)
- 1605 VATICAN Vatican Radio; 0100 EG, pgm abt catcows (Krausg 8/26)
- 1610 AUSTRALIA ABC-Perth VLW9; 1104 EG, ABC National Mx, WAT TC, West Australian Mx, sports Mx, horse racing; (schweikart 8/25)(Wentzell 8/27)(Carbis 8/10)(Clifford 8/19) (Grenier 8/25)
- 1610 SOUTH AFRICA Radio South Africa; 0210 EG, Mailbag pgm, Mx, Good (Witte 8/26)
- 1610 ALGERIA RTVA; 2000-2030 EG, into SP at 2030. ID by OM as "You've been listening to the International Service of Radio Algeria." this transmission beamed to Europe.. All disco Mx w/ annrc saying, "Get up and get down...Move those feet to the sound." (Valko 8/15)(Schweikart 9/4)(McIvor 8/29)
- 1620 YUGOSLAVIA R. Yugoslavia; IS, *2230 into solid GR ID and NA, weak but otherwise good level (Agner 9/2)
- 1623.2 VIETNAM (SOUTH) Ho Chi Minh City; 1054-1058 in presumed Vietnamese, with folk songs by orchestra. very poor, but in the clear, as CBC NS momentarily off (was on abt 20 minutes earlier, and again on at 1058, blotting out this station.) Very happy with this new country & hope I can get a better report on it soon. First new country on my newly bought R-3921 (R. McVicar) Nice catch! ps.
- 1630 SPAIN SFR; *0005-0100 EG, ID, Mx, "Grass Roots", "Spanish Sports Page" (Lav 9/8) (Dishman 9/3)
- 1633.6 COLOMBIA R. Nacional de Colombia; 0150 SP, Educational pgm, ID on the hour, then open carrier (Dayen 9/6)(Klein 8/9)
- 1630 CHILE R. Agricultura; 1001-1010 SP, s/on w/ fanfare and OM giving freqs., calls, & locations of all R. Agricultura stations. Orchestral Mx, jazz Mx, march Mx. Abruptly off at 1003, on again at 1006 & off again at 1010. good-very good. (R. McVicar 8/31)
- 1645 BRAZIL R. Bandeirantes; heard at excellent strength at 0925 //6185. PT announcs, later Costa Rica heard on this channel. (Willis-Australia)
- 1645 COSTA RICA Faro del Caribe; 1005 heavy QRM from DW but only 1 kw! (McCurdy 8/22); 0358 EG (Earhart 8/30)
- 1650 PHILIPPINES VOA--Tinang; 0005 EG, slow EG Mx, w/ Hurricane David mentioned, "Space, Man & Special Medicine" pgm. (McCants 9/6)
- 1655 GREECE Voice of Greece; *0200 GK/EG OM w/ s/on & GK Mx to 0215, w/ EG ID & Mx at 0216. Good (D.W. Johnson 9/3)(Reynolds 8/20)
- 1655 UKRAINIAN SSR Radio Kiev; *0300-0330* EG, ID, Mx, Wx rpt, "Meet the Youth", "Olympic's Club" (Semsky 8/9)
- 1655 USSR Unknown location; 1007 CH, OM w/ tlks, EZ instrumental Mx, R. Moscow IS @ 1030. poor-fair w/ jammer on freq. Hence no sign of Tibet due here at this time. (D.W. Johnson 9/3)
- 1660 VENEZUELA R. Rumbos; 0430-0457* SP, tropical Mx coastal rhythms, NA & s/off at 0458, vastly better than dual 4970 which is buried in atmospheric noise; VOA co-channel, mixing (Walcutt 8/26)(Fedor)
- 1665 MALAYSIA R. Malaysia; 1105 EG, light Mx, stock prices, ID by YL, low audio. Fair (Lobdell 8/21); 1330 Indonesian (Walcutt 8/26); 1500-1627* EG (Carbis 8/12)
- 1670 AUSTRALIA R. Australia--Lyndhurst; 0845-0920 EG, Pop Mx, Mx at 0900, "Countdown" at 0912. (Braga 9/4)
- 1675 PERU R. del Pacifico; 0140-0200 EG/SP, found EG here w/ excerpts from VOA. YL sending musical numbers in EG. ID at 0159 (Dayen 8/2)(Walcutt 8/24)
- 1675 FINLAND R. Finland FIR; 0330 EG, stories of our times. //11755 (Zilmer 9/2) (Hauser 9/2)
- 1680 AUSTRALIA ABC--Melbourne VLH9; 0935 EG, discussion of Australian relations with China and Soviet Union (Gliksmen 8/7)
- 1683 TANZANIA R. Tanzania; RS in Swahili. Haven't heard this since I was in Perth last year. Poor level when heard at 1520 (Willis-Australia 8/23)
- 1690 ARGENTINA RAE; 0300 EG; Mx, Mx pgm, poor, QRM (McIvor 8/18); 0620 EG (Hensley 8/31); 1045 JP (R. McVicar 8/16)
- 1695 BRAZIL R. Rio Mar; 0040 PT, ID, piano Mx (Dayen 8/6); 2253 PT (R. McVicar 8/30)
- 1695 OYFON CRC; *2212-2244* GK, IS/ID, GK Mx. xmtr having problems. (Valko 8/17)

- 9694.8 CAMBODIA Voice of the Kampuchean People; *1200-1220 EG/FR. NA, ID by YL, Mx by OM, cuntry, EG off at 1213, repeat 1215 FR (Cartwright 9/6)(Bloch 8/19)(Klein 8/30) (Fisher 8/25)(Valke 9/13)
- 9695 SWEDEN R. Sweden; 0230 EG, Saturday Night Show, //11705 (Zilmer 9/2)(Grenier 9/4)
- 9705 INDIA AIR; 1135 EG, State Development, Mx by YL, abrupt 11h0* fair (Lobdell 8/18) ; *1228 Tibetan (Krueger 8/10)(D.W. Johnson 8/11)(Klein 8/15)
- 9709 MAURITIUS MBC Forest Side; 1231-1301* Hindi, OM, chantlike vocals, messages, short instrumental theme. s/off ancmts by OM ending w/ "MBC". Carrier off promptly at 1301 Fair w/ het from unid 9710. HIC #175, and love it (Krueger 8/10)(Cartwright 9/6) (Bloch 9/9)
- 9720 SRI LANKA SLBC; *1230-1320 EG, IS, time pips, ID, Mx by Bing Crosby, rel pgn. //15425 (Alexander 8/29)(Krueger 8/10)(Buer 8/18)(Klein 8/15)
- 9720 SOUTH KOREA R. Korea; *1600-1630* EG, *Mx Highlights of the Past Week*(Labossiere 8/26)
- 9730 GERMANY (MST) RFI; *0100-01h2* EG //11975 (Braga 9/4)(Wentzell 8/29)(Alexander 8/29) (Reynolds 8/23)(Hensley 9/4)(Dishman 9/6)
- 9745 IRAQ R. Baghdad; *2130-2150 EG, NA, ID, Mx, AR Mx, YL w/ cuntry. Fair (Baker 9/2) (Reynolds 8/15)(Rogovin 8/22)
- 9750 CHILE Radio Minería; 1110 SP, "Radio Cien Seis-Minería" native Mx (Halsea 8/24)
- 9750 ALBANIA R. Tirana; *0130-EG Mx & ID (Swain 8/20);*0230-0300* EG (Semsky 8/16)
- 9770 AUSTRALIA R. Australia--Shepparton; 1157 EG, "Australia Tonight" (Wentzell 8/27)
- 9770 AUSTRIA ORF; 0300 EG, --If you don't hear SW Panorama GMT Sundays at 0300 as sched, don't go away. On 8/5 they didn't get around to starting it until 0314, playing more GR Mx until then. (Hauser); *2300-2325* GR/EG "Shortwave Panorama" (Fraser 8/12); 0135 EG (D'Angelo 8/28)(Swain 8/16)(Moore 8/9)
- 9770 HAITI Radio l'Esp; 2215 SP, returning after Hurricane David w/ ID & Mx (Krueger 9/1)
- 9815 ISRAEL IBA; 22h0 EG, rpt on resignation of Andrew Young (Insalaco 8/18)
- 9835 HUNGARY R. Budapest; *0300-0330 EG, ID, Mx, cuntry, Fair (Semsky 8/23); 0214 EG (Rogovin 8/21)(Wentzell 8/24)(Hensley 9/4); 0400-0430 EG (Kelly 9/3)
- 9840 VIETNAM VOV; 1100-1200 Cambodian, //7512 strong signal (Bloch 9/2)
- 9977 NORTH KOREA R. Pyongyang; 1125-1210 EG, Mx, cuntry, revolutionary Mx, OM & YL annors. (Moeller 8/21)(Reynolds 8/7)(Woltman 8/27)(Gliksman 8/10)(Klein 8/6)(Byron 8/22) (Alexander 8/29)(Labossiere 8/31)(Barhart 8/30)
- 10000 ARGENTINA LOL; time & freq station, 2304 w/ morse code "LOL LOL LOL" time at 2305 in SP, then three minute tone, good under WWV (R. McVicar 8/30)
- 10000 GREAT BRITAIN MSP; CW ID at 2310 & 2320 behind WWV (Buer 9/3)(R. McVicar 8/30)
- 10085.3 UNIDENTIFIED ?; 0340-0350 AR, ME songs, Ancmt-ID?, Fair w/ het. still on after 0405. (Buer 8/25) Can anyone help to ID this one? ps.
- 10975 ARGENTINA ?; SP Mx & tlks on RC SSB at 0707, surprisingly few clues to identify except 0740 time check for 20 of h, so in GMT -4 zone, and at 0741 a farmacia ad in pesos (Hauser)
- 11040 CHINA R. Peking; 2230 EG, CH-EG conversation about business trade agreements. (Byron 8/17)
- 11620 INDIA AIR; 1750 EG, local vocal Mx, YL annor w/ ID @ 1800, OM w/ Mx. Fair. (D.W. Johnson); 2000 EG (McKinney 8/8)(Braga 9/2)(Peck 8/19); 2108 EG (Schweikart 8/26); 2219-2230* EG (Cinert 8/14)
- 11634 ALGERIA Radiodiffusion-Television Algerienne; 2000, Pips in EG pgn w/ world Mx, local Mx, disco Mx, till 2030. ID as "Radio Algiers". Does not announce this freq. Fair w/ QRM from R. Moscow on 11630. (Lobdell 9/3)
- 11655 ISRAEL IBA; 0500 EG, Mx & Press Review. //15105, 15485, 21500 (Johns 9/4); 2001 EG (Schweikart 8/29)(Cinert 8/15); *2230-2300* EG (Fraser 8/7)(Hensley 9/2)
- 11667 IRAQ; Not Algiers as has been thought, but the Iraq EG IS heard here from 0600 to past 1600. Good signal w/ AR ancmts. (Willis-Australia 8/18 & 23)
- 11680T KUWAIT R. Kuwait; 0515-0533 psble AR, typical Arabian Mx w/ OM annor in what sounded like Arabic. Of course it could be Saudi Arabia which would be a move from 11685, which has a loud RTTY signal on 11685 at this time. Fair (Barhart 8/25)
- 11690T KUWAIT R. Kuwait; 2000 EG, Since a Romanian DX'er reported via GDXI on Aug 28'th that Kuwait's EG pgn at 1800-2100 had moved to 15080, I have been checking for it there, but never even a carrier. On 9/3 at 2000 I managed to hear some station in EG on 11690, but under a strong Arabic speaking station. So perhaps Kuwait should have moved. (Hauser); 1835 EG (Braga 8/20); 2015 EG (Schweikart 8/28)
- 11695T CHINA R. Peking; 1236 Lang?, tlk in Asian lang. No ID heard. (Valke 9/13)

Yes, its official another Log Report is finished, well for about 30 Days anyway. In the little space I have left I'll try to give a little more of my background. It goes without saying that my family and my education...or lack thereof. Hi!) are most important, but next comes Radio. Shortwave listening as well as Amateur Radio are the two branches of communication that I'm into the most. I enjoy meeting people over the air as well as through SWL'ing and my editorship. On the lighter side...I am a Chess nut and try to play about four hours every Thursday night. I'll have you know that some of the greatest chess games of the decade took place between me and your publisher Bill Oliver, at HAM back in '77. I also enjoy stamp & coin collecting. If anyone has any questions I'll be most happy to correspond about station kreds or freqs. For Nov 73's & Happy Halloween!

log report section

11700 TO 17699



BOB BROWN

- 11705 AUSTRALIA RA; 1005-1140+, EG mx, IDs, (Earhart, Valko, Wentzell)
11710 ARGENTINA RAE; 2320-2350* EG news, Argentine Folk Mx (Labossiere)
11710 NEW CALEDONIA R Noumea; 1007/0710+ FR Tk & Mx, Better than // 7170
only 4KW. All alone on band. (Cartwright, Johnson, Valko)
11715 BELGIUM BRT; 0015-0100 EG, "Brussels Calling", "Today in Belgium"
Tk on "Bomb" harvest in Flanders. (Carbis, Hensley, Hoffman, Johns)
11715 SWITZERLAND SRI; *0145 EG news, Jammed, //6135, 15305-fair (Braga)
0430-0500 EG ID, news, Cmnty on ANARC-79 by Bob Zanotti (Williams)
11720 CANADA CBC; 1655-1708 Cree, "Call in pgm", The operator asked if
they would accept the charges. They did. (Valko 9/12)
11730 GREECE VOG; 0015-0300 EG news (Krause 9/6); 0300 GK, Mx (Moore 9/10)
11730 USSR R Tashkent; 1210 EG ID, Item in "Pravda" weak, (Moeller 8/21)
11735 BRAZIL R Club Goiania; 0930 PT, ID, annts, Talk, Mx, (McVicar 8/29)
11735nf GUAM KTWR; 1539-1559* EG ID, Ann'd 11730 "Test transmission"
ex-11730? (Walcutt 8/26); 0828-0380* Lang, S/on, Rel. Px (Buer 8/31)
11735 RUMANIA R Bucharest; *0130-0138 EG ID, News, QRM R Moscow (Buer 8/8)
11740 MADAGASCAR R Nederland; *2030-2101 EG, "Letters", Music (Labossiere)
11750 BULGARIA R Sofia; *2130/*0430 EG ID, News, Freq scd. (5-Reporters)
11750 W GERMANY DW; 0605 EG, "Good Morning Africa" (Hesch-NY 8/20)
11755 ARGENTINA R El Mundo; 0630-0700 SP ID, Talk, LA Music (Findlater)
11755 FINLAND FIR; 0330 EG, "Fresh Air" Stories of our times. (Zilmer 9/2)
11765 PHILIPPINES FEBC; 0922 EG ID, "Unshackled" News, (Pennington 8/25)
11770 FRANCE RFI; 0720 FR, Jazz Mx & Talk, not//15315 (Munster 9/7)
11770 USSR R Kiev; 2207-2300 EG news, ID, (Holland 8/24, Valko 8/17)
11780 N KOREA KCBS; 0800-0815 EG ID, Talk on non-aligned nations conclave
in Havana. Uusual tirade against "Imperialists. (Findlater 9/3)
11790 UK BBCWS; *1645 EG ID into RS pgm, & music (Valko 9/12)
11800 TURKEY TRT; 0355 TK, s/on w/ Turkish anthem, freq. scd, I was look-
ing for Sudan. Anybody know where it is? (McVicar 8/27)
11810 ALGERIA RTVA; 2005 EG news, Pop & Disco mx, (Johnson, Schweikart)
11810 USSR R Komsomolsk; 1900 RS, Talk & EL mx, QRM-RTVA (Johnson 9/2)
11830 E KOREA RK; 1600/1800 EG ID, news, cmnty, "Lets speak Korean" freq
scd, Walcutt 8/25, Williams 8/1&26)
11830 LIBERIA ELWA; 0750-0800 EG ID, Rel. pgm., QRM-VOA (Moeller 8/18)
11840 GUAM KTWR; *0715-0735 EG ID, "Radio Bible Time", EL mx, Semesky 8/19
0820-0858 EG ID, Religious pgms, fair to poor (Moeller 8/18)
11840 E GERMANY RBI; 0345-0411 EG cmnty on "Peace in the World", Student
guides, Best I've heard in a long time. (Earhart 8/25)
11845 CANADA RCI; 0300 EG s/on into news (Wentzell 8/29)
11845 VATICAN VR; 0008-0015 EG ID, news into FR pgm (Swain 8/20); 0047 SP
ID, Talk (Munster 9/8); 0100-0115 EG ID, news, (Hensley, Semesky)
11850nf BULGARIA R SOFIA; 2130-2200 EG, This EU/NA service replaces 15135.
equinoctially for s79. Better than //11750 (Hauser-TN)
11850 W GERMANY DW; 0130-0150 EG, Program schedule (Johns 8/12)
11855 SAUDI ARABIA BSKSA; 2035-2100 EG, US Country mx (McVicar, Schweikart)
11860 LIBERIA ELWA; 2015-2117 EG ID, Religious pgms (Peck 8/19, Schweikart)
11860 NORWAY RN; *2000 EG, Strong but QRM'd & fading. //15175 (Braga 9/2)
11865 AUSTRALIA RA; 1630-1730 EG ID, Mx, "Sports Magazine" (Williams, Yajko)
11865 W GERMANY DW; 2350-0132 SP news to SAM (Kelly 8/24); 0130 EG news,
cmnty on Shipping, "Sunday Magazine" (Hesch 8/12, Woltman 8/18)
11880 UNID (Zambia??) 1729-1802 FR, Talk by W, possible ID (Valko 9/5)
11905nf Sweden RS; *0030-0059* EG, "Mailbag", "News Panorama", ScDxers,
QRM both sides, ex-15290 (Braga 9/3, Grenier 9/5, Zilmer 9/3)
11920 UNID (Brazil??) 1920-1937 SP/PT, Disco Mx, possible ID (Valko 8/15)
11935 BRAZIL R Clube Paranaense; 0907-0919 PT, ID, Waltz Mx, (Moeller 8/18)
2320 PT, Pop music, Adds, ID by OM, some QSB (Hpoe 9/8)
11945 N ZEALAND RNZ; 1020-1200 EG IDs, freq scd, (Braga, Bloch, Schweikart)
11950 USSR R Alma Ata; 2358-0023 RS, ID, IS, News by OM & YL, Exercise pgm
YL counting to piano marches & giving instructions. (McVicar 8/15)
11955 TURKEY VOT; 2040-2047 GM ID, Local Mx, (Valko 8/28); 2130-2300 EG,
ID, News, DX pgm, Cmnty programs on Turkey (5-Reporters)
11980 USSR RMWS; *0100 SP, very strong to SAM, site unknown (Braga 9/3)

- 11985nf ISRAEL Kol Israel; 2230 EG, News, DX Corner (Hauser 9/2, Zilmer 9/2)
 11990 CZECHOSLOVAKIA R Prague; 0115-0130 EG ID, "Commentary" (Lev 9/8)
 12010 USSR RMWS; 2300-2330 EG ID, News to NAM, (Dishman 9/5)
 12015 AUSTRIA ORF; *2300 GM, s/on into GM program (Yajko 8/24)
 12040 UK BBC; *2200 EG news to the Falkland Isls. (Pennington 8/19)
 12060 USSR R Kiev/Vilnius; 2300 EG, Good here //11735, ex-15525 which was another good freq. (Hauser 9/2); 0042-0100 EG (Insalaco 8/18)
 12090 S KOREA RK; 1250-1315 EG ID, News, cmntry, (Cucura 8/21, Schnabel) They do not have any reliable reception currently here, but did run across one of the new 45-min xmsns, on this freq. The news announcements as if he used to work for VOA. (Hauser-TN 8/14)
 12170H SPAIN REE; 0330-0336 SP news, ID, Mx, 2x6085 QRM-Ute (Valko 9/6)
 12450 CHINA R Peking; 1845 EGID, Tks abt History & Coins (Johnson 9/2)
 12763 W GERMANY DAM Time Sta; 0003-0006* Time ticks-no ID (Valko 8/16)
 14380 UNID 1900-2000 Continuous "Musak", no voice, heard 2-3 times per week, Anyone know what this is? (Sabo, Frankfurt W Germany 8/21)
 15000 USSR RMW time station; 0509, "CQ" call into time pips. This can be heard if you tune up or down a few kHz & turn on the BFO (McVicar)
 15004 USSR RKM; 2223-2230, Time ticks, ID'd as "NV" in Morse code (Valko)
 15005 UNID (USSR ??) 2224 RS, Talk & Music, no ID, QRM-RKM (Valko 8/15)
 15022 PORTUGAL RP; 0040, Putting out spurs, very distorted FM, on this & 15053, 15081. I think deriving from 15125 xmttr. (Hauser-TN 8/14)
 15045 GRENADA RFG; 2106-2343 EG news, Pop Mx, Local news, "Deaths", EL Mx Talk by acting "Prime Minister" on violation of Grenada's Airspace. Poor modulation-hard to understand. (8 Reporters)
 15060 SAUDI ARABIA BSKSA; 1925-2301 AR, ID, Music & Chants, (4-Reporters)
 15070 UK BBCWS; 0542 EG, Religious songs, "World Radio Club", Music, news (Byron 7/28, Wentzell 8/25, Williams 7/17)
 15100 CHINA R Peking; 204502100 EG ID, class music (Findlater 8/19)
 15100 USSR RMWS; 1630-1715 EG news, ID, Cmnty, (Kelly 9/2, Valko 9/12)
 15115 China R Peking; 1150 EG, Site probably Kunming. (Block 8/29)
 15120 POLAND RP; 0315-0330 EG news, "History Lesson" (Holland 8/23)
 15125 USA WYFR; 0313 SB, Religious program. (Wentzell 8/25)
 15130 SWITZERLAND SRI; 0145 EG, Their SSB freq to NAM was useless during the summer due to jamming/QRM, but mysteriously in the clear as of S79, tho much higher power //AM on 15305 makes it unnecessary (Hauser)
 15140 USSR RMWS; 1545 EG, Usual Commentary. (Cinert 8/9)
 15145 USA WINB; 0050 EG Religious programs. Spots in Lang. (Cobb 8/19)
 15150 USSR RMWS; 1815-2025 EG news, cmntry, "Just for fun", "People & Events", Pgm on beauty of Irkutsk region, Pgm on travel to Olympics, (Cinert 8/17, Cunningham 8/12, Earhart 8/6, Insalaco 8/14)
 15165 CHINA R Peking; 1148 SP, Site probably Xian. good. (Block 8/29)
 15170t W GERMANY R Liberty; 0100 RS, M&W talk only, TC wide spaced dashes 1 pip. ID clobbered by QRN. (Please comment) (Brookwell 9/1)
 15170 PORTUGAL RP; 0200-0210+ PT, Distorted sig generating spurs. (Buer)
 15175 NORWAY RN; 1602-1612 EG tk on weather, soccer. (Valko 8/19); 2200 Checking all the sked times and freqs of NRK to NAM during Sunday (plu GMT monday) this is the best. (Hauser-TN 2/9)
 15200 AUSTRIA ORF; 2230 SP ID, pop music & talk. (Findlater 8/18)
 15205 INDIA AIR; 1030 EG, "Letters", Editorial comment, (Zilmer 8/27)
 15225t TUNISIA RTV; 2320-2344 AR, Tk by OM & YL, Stringed Mx, (McVicar 9/3)
 15230 CUBA RHC; 1636-1642 SP tk by M, Mx, ID, IS, freq scd. (Valko 9/4)
 15230 UNID (Algeria/Israel??) 1636-1647 AR, Music. QRM-RHC. (Valko 9/4)
 15235 LIBERIA UN Radio; 0810 EG news, ID, brief music, (Schweikert 9/1)
 15232t ALGERIA RTA; 1715 FR, Talk by YL, Arab mx, no ID, (Schnabel 9/1)
 15240 SWEDEN RS; 1830-2120 EG news, ID, IS, "Stamp Corner", Pgm on economy of Communist countries. (Earhart 8/6, Insalaco 8/23, Zilmer 9/3)
 15245 MOROCCO VOA; 2000-2115 BG news (Insalaco 8/18); 0130-0200 EG, "Breakfast Show", (Fraser 8/12); 0347-0352 EG Interview M abt effort of Virgin Islands to attract Industry. Lots of splash. (Whitaker 8/19)
 15250 INDIA AIR; 1257-1310 Lang, Subcontinental music. (Krueger 8/21)
 15250 UGANDA UBC; 1807-1848 EG news & cmntry, African mx, (Cunningham 8/1 Schweikert 8/28, Schnabel 8/29)
 15255 NETH ANTILLES TWR; 1100 EG, Still here w/ morn xmsn to NAM w/ variable ending time, instead of 15225 per their scd. (Hauser-TN 9/2)
 15260 AUSTRIA RA; 0453-0555 EG, "Austria Calling" (Brookwell, Cobb)
 15270 FINLAND FIR; 1300/1930/2330 EG ID, News, "Sunday Best", "Northern Report" (McKinney 8/8, McVicar 8/19, Williams 8/11, Zilmer 9/2)
 15270 JAPAN RJ; *1900-1915* EG ID, IS, News, into JP at 1915 (Hoffman 8/8)
 15275 URUGUAY SODRE; 0015-0031 SP tk by OM, ID by YL, Jazz mx (McVicar)
 15275 W GERMANY DW; 1301 GM news & cmntry (Dierks 9/4)

- 5280 BRAZIL R BRAZ; 2206 EG, Local mx, freqs (Zilmer 8/22); 0231 EG, Mx, cmntry, (Swain 8/20); 0300-0400 EG, They apparently used the wrong freq this time, 15290 used later, this better (Moeller 8/18)
- 5285 BELGIUM RTB; 1810-1845 FR tk on culture, ID, slass mx (Cucura 8/8)
- 5285 CHINA R Peking; 0408 EG Interview w/ US Politician. (Cobb 8/24)
- 5285 LEBANON RL; 0230-0300 EG news, ID, Music, cmntry, announced times were 0130-0200, they don't understand GMT, (9-Reporters)
- 5290 ARGENTINA R El Mundo; 0015 SP, ID, all music (Zilmer 8/26)
- 5290 SWEDEN RS; 0030 EG world news, "Panorama" (Reynolds 8/23) Zilmer
- 5300 ISRAEL Kol Israel; 2230 EG news, "Calling all Listeners" (Moore, Zilmer)
- 5300 LEBANON RL; 0255-0303 AR music, into EG pgm. (Moeller 8/25)
- 5310 GUINEA R Nat. Conakry; 1030 FR music (McCurdy 8/19); 1820-1915 EG/FR, News, ID, music, Doesn't follow scd. (Hauser, Schweikart, McIvor) Earhart; 0145 FR Mx, ID, (Johnson) 0326, all music (McVicar); 0915 FR propaganda with cheers. (McCurdy)
- 5310 JAPAN RJ; 1607 EG news (Cinert 8/12)
- 5315 FRANCE RFI; 1945 FR ID, freqs, music, (Cinert 8/17); 1508-1530 FR Mx (Kelly 8/24); 0730 FR news, ID, not/11770 (Munster 9/7)
- 5330 BULGARIA R Sofia; *0000-0057* EG ID, news, "Mailbag", "Bulgarian Economy", "Sports Roundup" (Cucura 8/31, Fraser 8.28m Williams 7/19)
- 5335 COLUMBIA R Nac; 2320/0210/0350-0437 SP, ID, News, Music, Putting het on RAI after 0415. (Lineback 8/21, McCurdy 9/3, Smith 9/10)
- 5345 NORWAY RN; 2204 EG news about Norway. (Yajko 8/26)
- 5355 PORTUGAL R Liberty; 2208 RS news by OM (Moore 8/12); 1653-1703 Lang (possibly CZ) ID, News, Music on guitar. (McVicar 9/4)
- 5360 USSR RMWS; 0600-0630 EG news, "Moscow Mailbag" (Findlater 8/18)
- 5365 BRAZIL R Braz; 0330 EG cmntry on agriculture. (Johns 9/6)
- 5365 ROMANIA R Bucharest; 1649 AR, ID, Talk, String Mx, (McVicar 9/4)
- 5370 ALGERIA RA; 0200 AR, ID, news, music, On all night, quite strong but with distorted modulation. (Hauser-TN 9/4)
- 5370 SAUDI ARABIA BSKSA; 0300-0330 AR chanting. (Findlater 9/2)
- 5390 BRAZIL R Braz; 0320 EG ID, cmntry on tourism. EL Mx (Valko 8/28)
- 5390 E GERMANY RBI; *1956 EG ID, News, To Africa. (Valko 9/1)
- 5390 UK BBCWS; 1515-1600 EG, "Concert Hall", //21660-better (Fraser 8/12)
- 5400 UK BBCWS; 0730 EG, "International Guitar Workshop" (White 9/6)
- 5405 USSR RM-Khabarovsk; 0512-0530 EG Cmnty by Posner. (Cunningham 8/18)
- 5410 AUSTRIA ORF; 0600 GM talk & polka type music. (Findlater 8/17)
- 5425 FRANCE RFI; 1830 FR ID, IS, pgm to Africa. (Munster 9/3)
- 5445 LIBERIA VOA; 1705 EG news of China, Uganda, Africa, (Cobb 8/27)
- 5455 USSR RM-Rodina; 2000 RS, ID, Organ IS, Piano Mx & talk (McVicar 8/25)
- 5465 USSR RMWS; 0400-0430 EG news, music, cmntry, good, (Dierks 9/4)
- 5470 PAKISTAN RP; 1650-1702 EG news, cmntry, music, after pgm in Lang. (McKenney 8/13, McVicar 8/25, Schweikart 9/4)
- 5540 USSR RMWS; 1400/1500/0243 EG ID, news, cmntry, //11905, "C" pgm to Western Siberia, (Brookwell 8/19, Williams 8.26)
- 5558 ISRAEL Dom Svc relay; 0445 HB, "B" pgm Folk dance music. (Brookwell)
- 5560nf AUSTRIA ORF; 1830 EG pgm to Middle East. (Dayen 9/4)
- 5583.6 ISRAEL IBA; 0422-0431 HB, Music & brief talk. (Earhart 8/12)
- 5600 CHINA Vodem. Kampuchia; 0049 Lang. Oriental Mx & talk. (Fedor)
- 5615nf ISRAEL Kol Israel; 2155 HB, Reshet Bet Pgm. (Dom svc) (Zilmer 9/2)
- 5650 USA VOA; 0545 BG, AM feeder, into Slovak pgm. (Brookwell 9/4) -D-3
- 5754 USA VOA; 0655 EG ID, "African Safari" (Findlater 9/2)(15752 in Aug-1979)
- 5790 CHINA Vo Malayan Rev; 1440-1514 CH/EG, IDs & talk, oriental mx, freq scd, difficult to understand. //11830 (Cunningham 8/12)
- 17565 ISRAEL ??? 2131 HB, Talking & some music. (Earhart 8/9)
- 17640 PAKISTAN RP; 1930 FR pgm marred by heterodyne. fair. (McCurdy 8/12)
- 17663 PAKISTAN RP; 1602-1615 EG news (Zilmer 9/3)
- 17680 CHINA R Peking; 0047-0125 EG news, Mx, cmntry on Industry, "Learn Chinese", (Fedor, Lev 8/28, Reynolds 8/15)
- 17695 Neth ANTILLES RN; (relay) 2030-2120 EG, "Mailcall", (Byron 8/12) 1830 EG, "His & Hers", To C. E. & S. Africa. (Hesch 8/21)

* * * * *
 This edition is the first of my second year as IR-D Editor. It has been a lot of work but also very enjoyable. And right now I am tired. I was away on business all last week so I had to rush a little this week to get it finished on time. So here it is.

73's till next month,

Bib

log report *section*

17700 & ABOVE

BRETT SAYLOR



DX is beginning to pick up as we move into the fall season -- hope you're getting your rigs dusted off and those antennas put up for all the good winter catches !

- 17705 CUBA R. Havana; 1620 SP, mx, IS, ID @1630, nx to 1635, // 17750 to 1700 when 17750 cont'd in SP but 17705 went into FR; also, 17750 became jammed (directed against RL/RFET) (Munster 9/5) 1530 & 1945 SP, nx, ID's. (Valko 8/24, Halsema 8/28)
- 17710 HUNGARY R. Budapest; 0308-0330 EG, cmtry by W, ID's, nx, U.S. pop and country mx. (Cucura 8/11)
- 17740 PHILIPPINES, Tinang VOA; 2242-2315 EG, Breakfast Show w/ Pat Gates (Cucura 8/11)
- 17755 JAPAN R. Japan; *0200 EG/JP, coming thru suprisingly well w/ IS, ID announcements in EG & JP (Agner 8/30)
- 17780 W. GERMANY D. Welle; *0930-1010 EG, to Aust. & N.Z., much better than N.Am. svc, we deserve more than 20 min. Fair with light QRM (Braga 9/4)
- 17785 FINLAND R. Finland; 1445-1500 EG, talk on laws in Finland, U.S. Dept. of Energy getting technology from Finland (Earhart 8/11)
- 17795 W. GERMANY DW; *1930 EG, best to W. Africa, "Window on the World" (Munster 9/3)
- 17795nft ITALY R.A.I.; *1400 IT, Not listed for S-79, weak w/ RA QRM, definite ID (Braga)
- 17795 AUSTRALIA R. Australia; 0150-0400 EG, world news, music, "Focus on Australia", very good, // 17890 fair (Mc Ivor, Earhart, Mc Vicar, Bauernhuber)
- 17810 PHILIPPINES FEBC; 0025 EG, news followed by religious program; moderate strength but wavy (Mc Curdy 8/12)
- 17815 BRAZIL R. Cult. de São Paulo; 2255 PT, classical music, great signal (Mc Curdy)
- 17815 ISRAEL IBA; 2020,2230 EG, nx, "Calling All Listeners", DX Corner (Zilmer, Hesch)
- 17820 CANADA RCI; 1925-1945 EG/FR, Africa svc, FR nx @1930 (Insalaco) 2140 EG, relay of CBC's "As It Happens" to Africa (Munster)
- 17825 JAPAN NHK, RJ; 0600-0615 EG, talk about hothouses & butterflies (Johns 8/19)
- 17825 MALTA R. DW; *1535-1545 Hindi; IS to 1540, EG xmtr ID, Hindi s/on w/sitar music; // 15405 (Malta) better (Buer 8/18)
- 17830 PAKISTAN R. Pakistan; 0235 EG; slow speed EG news, weak (Mc Curdy 8/14)
- 17830 USSR R. Moscow; 1326-1331 EG, tkl by man, "News and Views" prgm (Valko 9/13)
- 17830 SWITZERLAND Swiss R. International; 1729-1731 IT/AR, end of prgm in AR w/ ID's time pips, theme mx and nx by YL (Mc Vicar)
- 17855 CHINA R. Peking; 0005-0054 EG, news, cmtry, het on frequency (R. Moore)
- 17855 U.K. VOA-Wooferton; 1500-1515 AR, EG ID, nx read by M and W (Mc Cants)
- 17855 SOUTH KOREA R. Korea; 1030 EG, IS, ID's by M & W. Poor (Valko 8/17)
- 17860 NEW ZEALAND R.N.Z.; 0240-0600 EG, nx, wx, ski reports, soccer game, classical mx (9 reporters)
- 17865 FRANCE R. France International; 0600-0700 FR, pop music, weak (Findlater 8/17)
- 17870 LIBERIA VOA; 2034 EG, Report to Africa (Schweikart 8/28)
- 17870 USSR R. Yerevan; 0330-0400 Armenian/EG, M&W tkl and Armenian mx, into EG @ 0350 w/ talk on culture (George) R. Vilnius; 2315-2330 EG, nx by M&W (Hensley)
- 17885 GERMANY-PORTUGAL R. Liberty; 0200-0216* RS, "R. Svoboda" ID, news and commentary in Soviet lang. (Gliksmn 8/8)
- 17895 ECUADOR HCJB; *1300-1400 EG, ID, nx, "Morning in the Mountains" prgm (Semesky) 1900 & 2130 EG, good with QRM sometimes; not sure if this is an intentional switch or an error (Hauser 9/2,9/3) re former 17890,S79 schedule.
- 17900 VATICAN Vatican R.; 1700* FR, *1700-1715* EG, IS, ID's, cmtry on life of late Pope Paul VI (E. Hoffmann 8/12, Munster 9/8, Holland 9/3)
- 17910 PAKISTAN RP; 1602-1615 EG, news, // 21755 (Zilmer 9/3)
- 20004 ASIATIC SSR RID Time Station; 0132-0200, RTTY-type noise til 0140, open carrier 0140-0149, CW ID 15 times 0149-0150, time pips til 0200 (Cunningham)
- 21465 GERMANY R. Berlin International; 1225 EG, news (Zilmer 9/3) More details...?
- 21490 ASCENSION ISLANDS VOA; 1000-1033 PT, EG&PT ID, nx, tkl about an American song writer (Cucura 8/11) 1332-1338 SP, to Lam, nx (Valko 9/13)
- 21486 PAKISTAN RP; 1600 EG, good w/ mx, but VOA s/on, 21485, produces awful het w/ slow-speed nx, 21755 // weaker but clear 9/3 (Hauser)
- 21545 SWITZERLAND SRI; 1315-1345 EG, ID, nx, "Merry-Go-Round", //21570 better (Williams Hensley)
- 21550 U.K. BBC; 1715 EG, "Focus on Africa" (Munster 9/5)

- 21565 ASIATIC RSFSR RM, Petropavlovsk-Kamchatsky; 2345-0315, very strong carrier here (no audio), S79 sched IFRB lists this as time & freq for xmsu to Alaska & N.W.T. Technicians may be tuning this one up for the fall schedule (D.W. Johnson 9/3) For the first time in memory, RM Nam svc sked on the 13 mb for S79 FE site; however, on 9/3 nothing but unmodulated carrier here all evening, as was the case on 17760 (Hauser) 0000 EG, news, music, commentary (Zilmer 9/5)
- 21570 SWITZERLAND SRI; *1315-1345*, 1530-1600 EG, world nx, Dateline, Mailbag, Sunday Supplement prgms, fair w/ QRM (8 reporters)
- 21580 FRANCE RFI; 1600-1655 EG, Paris Calling Africa, A.Young resignation (Hensley)
- 21585 SWITZERLAND SRI; 1813-1845 EG, nx, Swiss Merry-Go-Round (E.Hoffmann, Wentzell)
- 21590 PAKISTAN RP; 0232-0245* EG, slow-speed nx, ID (Schweikart, Sorensen, Mc Curdy, Mc Vicar)
- 21600 W.GERMANY DW; 1200-1300 EG, Science Magazine program (Johns 8/11)
- 21605 PAKISTAN RP; 1630 lang, IS at 1625, into lang tik at 1630, local chanting voc. // 17640 (Zilmer)
- 21610 LEBANON R. Lebanon; 1830 EG, news, moderate strength (Mc Curdy)
- 21615 USA WYFR, Florida; 2230 EG, call-in pgm, s/off @ 2250. Very good (Wentzell)
- 21615 SWEDEN RS; 1410-1425 EG, Stamp Corner, poor but readable w/ exalted carrier (Braga, Hensley) (kart)
- 21625 ISRAEL IBA; 2250 EG, music program, ID, nx headlines, into Hebrew @ 2300 (Schweikart)
- 21655 GREECE V.O. Greece; 1215-1225 EG, news, end of EG xmsn 1225 (Johns)
- 21660 CYPRUS BBC; 1505-1520 EG, world news, music program (Earhart)
- 21670 BANGLADESH RB; 0728-0735 EG, IS to 0730, s/on w/ ID followed by nx, poor; // 15285 much better (Buer)
- 21735 MOROCCO RTVM; 2130 AR, local AR vocal mx, ID by M ann @ 2200 w/ mention of Tangier, M w/ news. very good (D.W. Johnson)
- 21755 PAKISTAN RP; 1600-1615* EG, slow-speed news, poor (Pickard, Zilmer, Hauser) *1330 in Urdu, IS, Koran reading (Bloch)
- 25605 ISRAEL IBA; 1600 (lang?), weak, // strong 25640 (Mc Curdy)
- 25620 USA AFRTS; 2200 EG, for S79 resumes 11 mb from 2200, replacing 17765. As long as MUF holds up, best AFRTS freq here, at least equal to 21570. VOA sched says to 0300, but off earlier (0200?) this nite (Hauser 9/3)
- 25650 UK BBC; 1330-1430 EG, "A Jolly Good Show", nx, mx. fair-good (Halsema, Fraser, Braga)
- 25790 SOUTH AFRICA R.RSA; *1300, 1416-1422, 1520-1548 EG, nx, sports, Africa Today (Insalaco, Halsema, Braga) 1845-1850* GM, nx brief (Munster) (nolds)
- 25820 FRANCE RFI; 1230-1440 FR, nx, pop mx; beamed to Indian Ocean (Braga, Halsema, Rey)
- 30550 ANTIGUA DW; 1310 GM, harp mx by Dittersdorf, 2 x 15275, fair (Hauser 9/2)
30692. UNID LAM mx audible at brief peaks around 2020, nothing on 15345, and I think this is instead a 5th harmonic of 6138+. What's on that off-freq ?? (Hauser)

Thanks to all the reporters this month! I guess I should give a brief introduction of myself. I'm 19 years old, and a senior at the Pennsylvania State University, where I am studying electrical engineering. I hope to enter into the communications field, and work with digital systems. DX'ing's my #1 hobby, but I also dabble in music (especially electronic).

Please try to use NASWA report forms (or similar-sized slips of paper) as this makes both the distribution editor's and my job alot easier. Also remember to put your name on every logging (I don't get to see your loggings that go to the other editors).

I recieved a tentative logging of R. Belize on 17855 in SP at 0300. I suggest that this most likely is R. Peking's Spanish svc. Can anyone with a current RP schedule verify this?

Best of DX in the months ahead, and 73's.....

Just

FOR SALE: Computerized shortwave information. (1). A list of 15th-of-the-month Sunrise/Sunset times for over 470 places around the world. All these are locations with radio stations. Price \$5.00 each. (2). Up-to-date English Language Schedule compiled both by country and time. This will be available after September 15. Price \$2.00. Dan Ferguson, Box 8452, South Charleston, W. 25303.

HELPING HAND. For sale. Like new Panasonic RF-4800 receiver. New from Radios International October, 1978 for original price \$399.00. Best offer over \$300.00 and will ship in original carton w/manual via U.P.S. prepaid. Proof of purchase price and date if requested. Contact M.R. Leonhardt, P.O. Box 13, Liberty, IN 47353.

PUBLISHER'S PAGE



FOR SALE: Barlow-Wadley XCR 30 Mark II in excellent condition. Price \$125 postpaid. Money order only. Included in the price are many extras. Robert C. Wiles, 2525 Vance Avenue, Wheeling, WV 26003.

WANTED: Grundig AM/FM/Shortwave portable receiver in good condition. Earlier model preferred. Send information to Baron Von Thoma, 6084 Meteor Avenue, Toledo, OH 43623.

FOR SALE: Realistic DX-300, four months old, mint condition, in original carton. No MHz tuning dial problems. Price \$330. Also DX-160, one year old, mint condition. Price \$125. UPS shipping included in prices. Will consider trade for late model ham transceiver. Richard Baker, 35 Fair Oaks Drive, Monroe, LA 71203. Phone (318) 343-5611.

FOR SALE: Drake SPR-4 shortwave receiver with 23 crystals, crystal calibrated noise blanker, manual, etc. Excellent condition. Price \$495.

Sony ICF-6700W shortwave receiver with digital readout, AM/CW/USB/LSB/FM. Excellent condition. Price \$275. Steven Handler, 3330 Old Mill Road, Northbrook, IL 60062.

WANTED: Owner/Operator manual for Hallicrafters SX-130 receiver. Will pay reasonable fee. Contact Mel Ragucci, 215 Tiki Drive, Merritt Island, FL.

WANTED: Radio Mira, Radio Relos and Radio Santa Fe pennants. Also, if you have any other pennants you would like to sell, please send list and asking price. Brandon Jordan, Box 62, Adamsville, TN 38310 or phone (901) 632-0844 Monday to Thursday, 2200-0400 GMT. No collect calls, please.

FOR SALE: National HRO 500 in mint condition. Extremely stable and accurate. Purchased new; six years old. Includes spare parts kit. Price \$600. Victor Orlando, 1711 Robinson Avenue, Havertown, PA 19003. Phone (215) 853-2878.

FOR SALE: To raise money to purchase the new Drake R-7/DR-7 I will sell my prized Dymek DR-55 with 2.2 MHz Collins filters on both LSB/USB and jack for digital readout on the Clarifier still under factory warranty. Price \$800 prepaid. Larry Brookwell, 1826 Cypress Street, San Diego, CA 92154. Phone (714) 429-9728 anytime not collect.

WANTED: Hallicrafter S38E - E model only - in very good condition. Will pay a reasonable price. John M. Kapinos, 86 S. Quinsigamond Avenue, Shrewsbury, MA or call (617) 798-0378 2300-0200 GMT. Collect call OK if you have the receiver I want.

FOR SALE: Panasonic RF-4800 10 band receiver with digital readout in excellent condition. I will pay UPS. Price - ?. I will bargain and take any reasonable offer. Ben Snowden, 9131 Golondrina Drive, La Mesa, CA 92041. Phone (714) 469-7815, not collect.

FOR SALE: Dymek DA100 All-wave Receiving Antenna, three months old. Good for limited space. Contains four foot whip antenna and an attractive amplifier cabinet. Acts as a 100 foot long wire antenna. Price \$99.00 U.S. This include hardware and manual. Kamel Ibrahim, 1415-360 Ridelle Avenue, Toronto, Ontario Canada M6B 1K1. Phone 416-789-5744.

FOR SALE: One brand new 1979 WRTVH. Only \$8.50 postpaid. Also would like to borrow '77, '78, '79 back issues of SPEEDX, SWL, etc. and FRENEX before Feb. '78. Scott McClellan, 127 N. Broad, Battle Creek, MI 49017. Phone (616) 965-0761

FOR SALE: Hammarlund HQ-145A, 13 tubes, double conversion, 6 position crystal filter, phasing notch, tunable variable depth T notch filter. Virtually mint condition. Price \$180 with manual. W.T. Farmerie, 62 Sunrise Avenue, Grafton, MA 01519. Phone (514) 839-5143.



FRENDX

CREDITS

FRENDX CREDITS

Send your reports to: DAVE VALKO

Box 155

Dunlo, PA 15930

12th is the deadline.

85 reporters for this month.

Editor Mike AGNER, Burlington, MA (R4B, FRG-7, and RF-2200)... Brian ALEXANDER, Mechanicsburg, PA (RF-4900)... Donald BAKER, Millsboro, DE (RF-490C)... Raymond BAVERN-HUBER, Rosedale, NY... Jean-Jacques BLOCH, Gaithersburg, MD (RF-2900)... Larry BROOKWELL, San Diego, CA (DR-55, DX-300)... Ceasar BRAGA, Fall River, MA (FRG-7, Astro 5)... Paul BUER, Miami, FL (SPR-4, FS-4)... Leslie BYRON, Laurelton, NY (Patrolman 9)... Michael CALDERWOOD, Denver, CO (FRG-7)... Ron CARBIS, Pinole, CA (RF-2900)... Brian CARTWRIGHT, Johnstown, PA (R-390)... Richard CINERT, North Judson, IN (FRG-7000)... James CLIFFORD, Tacoma, WA (FRG-7)... Richard COBBE, Salem, OR (RF-2800)... Vladimir CUCURA Jr., Reading, PA (FRG-7, RF-2800, DX-160)... Larry CUNNINGHAM, Columbus, OH (DX-300)... David D'ANGELO, Broomall, PA (R-392, URR)... Michael DAYEN, Plymouth, MN (FRG-7, KRS)... Ron DESHMAN, Augusta, ME (R-300)... Paul DIERKS, Port Huron, MI (RF-4800)... Kenneth EARHART, Allentown, PA (FRG-7)... Jim FEDOR, San Diego, CA (FRG-7)... Marlin FIELD, Hillsdale, MI (SPR-4)... J. FINDLATER, Universal City, CA (FRG-7000)... John FISHER, Chelmsford, MA... Robert FRASER, Chasset, MA (XCR-30)... Charles GEORGE, Dallas, TX (SSR-1)... Michael GILCHRIST, Iowa City, IA (FRG-7000)... Sholom GLIKSMAN, Chicago, IL (RF-2800)... Pete GRENIER, Sierra Madre, CA (FRG-7)... James HALSEMA, Washington DC (ICF-6700W)... Editor Glenn HAUSER, Knoxville, TN (ICF-5900W, FRG-7)... Baxter HENSLEY, El Paso, TX (SX-190, FRG-7)... Ruth HESCH, White Plains, NY (JVC FR-6600JW)... Emmett HOFFMANN, St. Louis, MO (51S-1, Galaxy R-1530)... Darryl HOLLAND, Riverdale, NY (FRG-7000)... Thomas HOPE, Woodridge, IL (RF-2900)... Leonard INSALACO, West Pittston, PA (DX-160)... Kenny JOHNS, Jackson, TN (SX-190, FRG-7)... Douglas JOHNSON, Issaquah, WA (two R-388's, SP-600)... Jack JONES, Jackson, MS... Dennis KELLY, Kansas City, MO (DX-160)... William KRAUSE, Anoka, MN (SX-190)... S. D. KLIEN, Gainesville, FL (DX-160)... Terry KRUEGER, Casselberry, FL (R-666, NC-183)... David LABOSSIERE, Enfield, CT... Chris LEITHNER, Brentwood, TN... Michael LEV, Upper Saddle River, NJ... Jerry LINEBACK, St. Joseph, IL (SPR-4)... Brett MARKER, Rockford, IL (CRF-320)... Donald MCCANTS, New Orleans, LA (RF-2800)... Bob MCCURDY, Camp Hill, PA (RF-2800)... Donald MCIVOR, Darien, CT (FRG-7)... Larry MCKINNEY, Adamstown, PA (DX-160, RF-2800)... Richard MCVICAR, Prescott, Ont. (DX-160, R-392)... Paul MOELLER, Hamilton, Ont. (DX-300)... Don MOORE, Bellefonte, PA (XCR-30)... Robert MOORE, Seattle, WA (FRG-7)... Ralf MUNSTER, Decatur, GA (RF-4800, FRG-7, SPR-4)... Mark PENNINGTON, Paris, IL (RF-2200)... Neal PERDUE, Falkville, AL (SX-100, SW-4A)... Wilder PICKARD, Evanston, IL (R4B)... Andre PINEAULT, Ancienne-Lorette, P.Q. (FRG-7)... George POPPIN, San Francisco, CA (FRG-7)... Robert RANKIN, Lawrence, Kan... Bill REYNOLDS, Amherst, NY (SW4A, DX-40)... Rick ROGOVIN, Ft. Lauderdale, FL (ICF-5900W)... George SCHNABEL, Rochester, NY (FRG-7000, SW-4)... David SCHWEIKART, Fairfax, VA (FRG-7)... Thomas SEMESKY, Gary, IN (FRG-7)... Steve SHAFFER, Hammond, IN (FRG-7)... B.F. SNOWDEN, La Mesa, CA (FRG-7)... Morris SORENSEN, Leaf Rapids, Man. (RF-2800)... Walter SWAIM, Cooper City, FL (DX-160)... Leon TANNENWALD, Brooklyn, NY (SPR-4)... Editor Dave VALKO, Dunlo, PA (DX-160)... David WALCUTT, Houston, TX (R-4B, HQ-180AX)... Robert WENTZELL, Moorhead, MN (FRG-7, SSR-1)... Elisabeth WHITAKER, Kinston, NC (RF-2800)... John WILLIAMS, Bloomington, MN (R-4C, R-4B, HQ-129X)... Mike WILLIS, Yarram, Vic... Australia... Frank WOLTMAN, Cambridge, WI (RF-4800, FRG-7)... Robert YAJKO, Leechburg, PA (SPR-4, RF-2800)... and Robert ZILMER, Milwaukee, WI (R-390A, SPR-4).

I would like to welcome George Schnabel back into the hobby and I would also like to say sorry to Brian Cartwright for leaving him out of the September Credits page.

Just a reminder, please don't send me things out of my jurisdiction. That is things like Helping Hand items, things for QSL Report, or Listeners Notebook, etc. etc. I'm just the Distribution Editor for Log Report not the whole of FRENDX. Helping Hand items should be sent to Bill Oliver the Publishing Editor and other contributions should be sent to the proper editor except your log reports which should be sent to this QTH of Dunlo, PA.

Brunel is now off the air (Short Wave). Mauritius, MBC, appears on 9709 and WDBA, a pirate in Daytona Beach broadcasts sporadically but does have a program schedule, on 6215 or there about. Propagation hasn't been very consistent lately, which makes it hard trying to catch that one DX catch that should be there and just isn't but shows up with a nice signal a night or two later.

Sam Barto, you did a great job at NEADKO!

Keep the ears open and best of DX!

73's

Dave

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