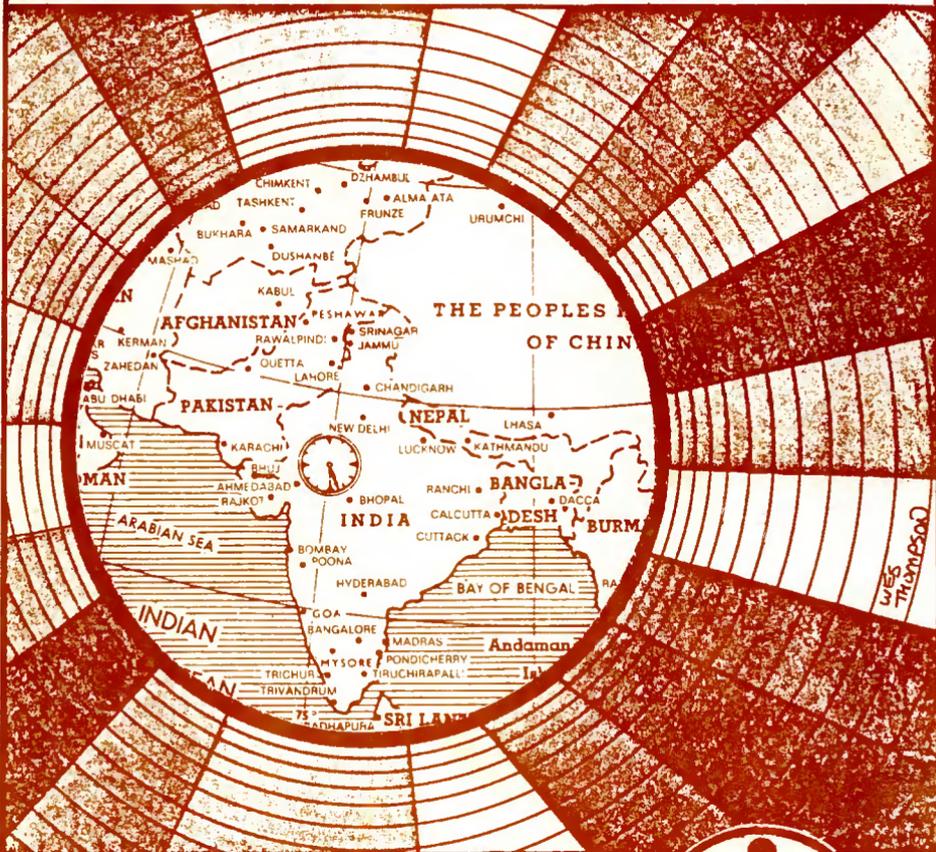


FRIENDS



ALL INDIA RADIO EXTERNAL SERVICES



INT-SIG: All India Radio's signature is a melody of eight seconds' duration repeated with intervals of 10 seconds in between. The instruments used are violin, cello and tam-pura.



NASWA

HEADQUARTERS REPORT

NORTH AMERICAN SHORT WAVE ASSOCIATION

45 WILDFLOWER ROAD, LEVITTOWN, PA. 19067

NOTICE, PLEASE

The following letter was received from the Voice of America for immediate release....

The Voice of America is looking for full time personnel to work in the Frequency Division in areas such as Frequency Assignment, Monitoring and International Regulation. Positions are available in the GS-7 to GS-12 range depending on qualifications. There is also one overseas monitoring position available in the Foreign Service.

A BSEE in Electronic Engineering would be preferred, however candidates with related degrees such as Physics, Broadcasting, Telecommunications, etc., as well as candidates possessing a F.C.C. First Class Radiotelephone License or an Advanced or Extra Class Amateur License will also be considered. All candidates will be considered without regard to race, creed or sex. Voice of America is an equal opportunity employer. Interested candidates should send resume' to:

Voice of America
Frequency Division, VOA/EF
Room 311
25 'M' Street, S.W.
Washington, D.C. 20547
ATTN: Mrs. Anna Case

1981 MEMBERSHIP DIRECTORY

The 1981 edition of the NASWA Membership Directory is now at the printer and will soon be available for distribution. Since this is a limited printing, we will accept advance orders from the membership for copies to be mailed as soon as they are ready.

As in the past, there will be a small charge to help cover printing and mailing costs. The Directory, which contains the names and addresses of all NASWA members (except those few who did not wish to be listed) as of June 1, 1981, is priced at \$1.50 per copy for North American members. It will be mailed First Class and payment can be in the form of U.S. or Canadian currency, mint U.S. stamps, or money order. Personal checks on U.S. banks are all right, but no Canadian personal checks or stamps can be accepted. Overseas members can obtain their copies by airmail for 8 IRC's or \$2.00 in U.S. funds.

Order from NASWA, P.O. BOX 13, LIBERTY, IN 47353. Order now to be sure your copy will be available. When the supply is gone, that's it until the 1982 edition.

QTH AFRICA NEWSLETTER

As the name implies, this bulletin deals only with African DX news. It differs somewhat from other DX publications in that it is put out every ten days (the 10th, 20th, and 30th of each month). Included with a subscription to the one-page Newsletter is a four-times-a-year R. RSA External Service listing and a twice-a-year African Clandestine Station list. There are also three ways to subscribe....if you'll take the three monthly issues in one envelope by surface mail, it's \$8.00 a year. Airmail once a month is \$15.00 a year and airmail every ten days is \$18.00 a year. This includes the External and Clandestine lists. You can get a sample copy of the Newsletter for 3 IRC's. If you want a sample of the External Service and Clandestine lists, add 1 IRC for each. The address is: QTH AFRICA, P.O. Box 28250, Pretoria 0132, SOUTH AFRICA.

ADXL TAPES

In last month's Headquarters Report we mentioned an article in the Australian DX News which gave information on the eight cassette tapes on Latin and South American stations which were available from the Asociacion DX del Litoral (ADXL). No address for the ADXL was given in the article, but the June issue of Australian DX News states that further information on the tapes can be obtained from: ADXL, Casilla de Correo 33, 2000 Rosario, ARGENTINA. The ADXL is also looking for members outside of Argentina. The address for the Australian Radio DX Club, publisher of the DX News, is: P.O. Box 227, Box Hill, Victoria, AUSTRALIA.

SUBJECT: STAMP COLLECTING. TOPIC: BC RADIO STATIONS.

If you collect stamps as a side hobby to SWL/DXing, there is a new booklet available. The author, Christer Brunström, lists all postage stamps showing radio stations or honoring the broadcasting service of a specific country. Stamps showing TV or utility radio stations are not included. In addition to listing numerous stamps from 64 countries arranged alphabetically (from Affairs-Issas to Wallis-Futuna), Brunström also gives a brief history of each station. The booklet has many illustrations of stamps, QSL-cards, etc. in black and white. The book is available at the following prices: USA \$3.00, Pound 1.00, 5 DM, 10 FF (in banknotes) or six IRC's. Personal checks cannot be accepted. The price includes Air Mail delivery to any part of the world. Write to: "DX-PHILATELY", Postbox 15, S-301 02 Halmstad 1, SWEDEN.

ON THE HORIZAN...THE "NORTHERN LIGHTS".

Edina, Minnesota is the location of a new DX Club, The Northern Lights. President Todd Buegler writes, "We are a club run, staffed and edited by youth, but although we are a youth oriented club, anyone of any age is welcome to join." The club publishes its bulletin, "DX Forum", monthly. Dues are \$8.00 a year and a sample copy of "DX Forum" is \$1.00. Write to: Todd Buegler, 5509 Brookview Avenue South, Edina, MN 55424.

RADIO TELETYPE INFORMATION.

Strictly speaking, Radio Teletype (RTTY) reception doesn't come within NASWA's SWL/DX coverage, but the new equipment available is causing a lot of interest in this form of SW reception. Thomas Harrington's new book, "World Press Services Frequencies", features an introduction to RTTY, equipment, antennas, etc. for the beginner plus three complete station lists. If you're interested in learning more about RTTY and can't find the book, it can be ordered from Universal Electronics, Inc., 1280 Aida Drive, Reynoldsburg, OH 43068. The price is \$5.95 plus 50¢ postage and handling.

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**FOR SALE:** Realistic DX-300 for \$225 and a Folamer PreAmp, Model P308 for \$75. Both used very little and in excellent condition. Harold Hodgson, Box 82, Buxton, NC 27920. Phone (919) 995-5262.

**WANTED:** Any information or material concerning the 4 and 5 digit Spanish, German and English numbers stations. John H. Demmitt, Box A, KO 848, Bellefonte, PA 16823.

**FOR SALE:** National NC-46 with schematic, 545, UFS. Hallicrafters S-38 (reconditioned), 340, UPS. **WANTED:** Heath GR-78 and Hallicrafters S-120 in good condition and back issues of WRTVH. Tom Mooningham, MEMQ 5807, Camp Lejeune, NC 28542.

**WANTED:** Heath SB-310 or SB-313 receiver. Budget limited from \$75 to \$100. Paul Reynolds, 4557 Cherry, Wichita, KS 67217.

**WANTED:** I would like to buy the following Hammarlund communications receivers in good condition. HQ-200, HQ-145AX, HQ-180AX, and HQ-160. I will pay all shipping charges. Please contact: Dave McLaren KA9GQU, R.R. #2, County Line Road, Rock Falls, IL 61071.

**FOR SALE:** Yaesu FRG-7700, only 3 months old and in mint condition with manual and original carton, \$450. I will pay shipping. Knight R-55 receiver in good condition, \$45. MJF 1020 Indoor Antenna, \$50. MJF 304 shortwave converter, \$40. I will ship free. **WANTED:** Owner's manual for Barlow-Wadley XCR-30 Mark 2 portable receiver. Mel Ragucci, 215 Tiki Drive, Merritt Island, FL 32952. Phone (305) 452-2502.

# shortwave CENTER

A Chronicle of DX Articles,  
Interviews, and Opinion

July 1981 Edition



Gerente: John J. Moritz Jr., 4779 Pine Trace, Youngstown, Ohio 44515

Amigos mios! Another round of Shortwave Center coming your way. Our most sincere welcome to Jerry Berg, who will be part of the editorial staff of *Friendx*, editing LR-B each month. We are certain that Jerry's addition will only enhance the quality of *Friendx*. Welcome aboard Jer, and I look forward to our annual drink together in August! This month we start the ball rolling with a splendid article on the Cuban Clandestines by good friend Gerry Dexter. My deep appreciation goes out to "Mr. QSL" for his hard work and excellent research on this lively subject. On to the goodies!

## CUBAN CLANDESTINES

G. L. Dexter

For the past few years DX'ers have had the opportunity of listening in on an upswing in the war of words being waged against the regime of Fidel Castro in Cuba by a number of secretly-based shortwave outlets.

The recent flock of anti-Castro clandestines represents but the latest chapter in a story that dates back to Castro's own revolution and has continued almost uninterrupted to this day.

Nearly twenty five years ago Castro's own rebel forces briefly took over Radio Reloj in Havana during 1957 to falsely announce the fall of the Batista government.

Early the following year, Castro's own Radio Rebelde went on the air from the Sierra Maestro mountains. Or, as the area was termed in the station's broadcasts, "Free Territory, Cuba". Radio Rebelde later developed into a network of fixed and mobile transmitters called "La Gran Cadena de Libertad". Rebel programs were also broadcast by stations outside of Cuba such as Radio Rumbos and Radio Continente in Venezuela.

After Fidel's assumption of power and after the United States had realized to its horror that it had a communist government only 90 miles away, Radio Swan (later called Radio Americas) was set up by the Central Intelligence Agency on Swan Island, a disputed dot off the coast of Honduras. Radio Swan was later to play a communicative role in the ill-fated Bay of Pigs invasion.

Anti-Castro programs were also being broadcast on U.S. medium wave outlets in the southern portions of the country as well as on a number of Latin American stations. On shortwave, the Cuban Freedom Committee (Radio Cuba Libre) and other anti-Castro organizations operated clandestine stations or produced programs. One, Radio Cuba Independiente, may have been a shipboard operation.

Anti-Castro programs and clandestine broadcasting increased as the Bay of Pigs planning went on. Such stations as La Voz de Cuba, Radio Liberated (La Voz Anti-Comunista de Americas), Radio Revolution and others took to the air. There were even some short-lived broadcasts by small rebel groups on the island itself.

The U.S. government stepped into the fray more openly than ever when the Voice of America placed two medium wave stations on the air from Florida sites. One, at Marathon, continues to operate today.

Government sympathy towards anti-Castro broadcasting dropped considerably with the resolution of the missile crisis and broadcasting of this nature, with some exceptions, let up compared to what it had been before.

By 1963 the Spanish numbers stations had begun to make their appearance and while their locations and purposes have never been determined, speculation existed that Cuba, the U.S. military and/or anti-Castro groups were somehow involved.

Radio Swan continued to operate from Swan Island under its new name of Radio Americas until May 15, 1968. The other major anti-Castro station, Radio Libertad, operated from a Venezuelan location until sometime in the early part of 1969. And then anti-Castro broadcasting reached its nadir--a sort of halftime in the radio war game between the beginning and today.

But early in 1972 DX'ers began to report reception of a Radio Cuba Libre, operating sporadically in the 40 meter band. Whether this was the same as the earlier Cuba Libre is unknown. Today's Radio Abdala claims beginnings in 1972 as well, although first DX'er reports on this one were not until 1977.

For the most part today's radio war of words is waged by a number of anti-Castro Cuban exile organizations centered in the Miami area. Other than one highly publicized raid by the FCC against Radio Libertad Cubana (about which more later) the U.S. government seems to be turning a deaf ear to these operations, indicating a sort of acceptance of the efforts of the exile groups.

Some sources in the exile community say that there are up to twenty transmitters involved in the various anti-Castro radio efforts, most or all of them using amateur equipment. The transmitters are said to be located in such places as Miami, Palm Beach County and the Upper Florida Keys.

The exile groups themselves are very conscious of security and do not easily respond to requests for information. Or, for that matter, to reception reports assuming an address can be found.

The exile groups work through an overall coordinating organization, the Cuban Patriotic Board (Junta), which has had its own outlet on shortwave. Despite this, there is still a certain amount of competition amongst the various groups.

Some of these stations, such as Abdala, La Voz de Alpha 66, Libertad Cubana are operated by the organizations they represent. Others remain more of a mystery and may be little more than an amateur operator deciding to become an anti-Castro broadcaster for a night or two, never to be heard again.

Most operations take place between 7.050 and 7.100 on the 40 meter ham band, although one was well heard for a time as 7.400 while Radio Revolution at this writing is using 7430. One or two others have used the area just below 7.000.

Despite announced or published schedules, the reception of the anti-Castro stations is more often than not a hit and miss affair. Any listening session may turn up one or more, something entirely new or, nothing at all. Operations take place primarily in local evenings, most often between 0100-0300 GMT (but earlier or later broadcast are certainly not uncommon). Generally they do not last very long--thirty minutes for some, longer for others, just a few minutes for still others. Often one transmission will end to be followed very shortly by the start of another station on the same frequency leading to speculation that there may be some sort of coordination involved.

What's to be heard? Brief versions of the Cuban National Anthem often open up broadcasts, using the first few notes as an interval signal. Short bits of Cuban music or marches are interspersed between anti-Castro speeches, talk opposing Cuban activities in Africa, appeals for sabotage on the island and so on. Modulation is often poor and the transmissions frequently end abruptly.

The picture is in a constant state of change and what was being heard yesterday may not be heard today, or ever again. And with tomorrow, may come a new one. With some exceptions, many of these stations may be the same operation turning up under different names. It's impossible to be certain one way or the other. That's the case with so much of the anti-Castro radio story.

Complaints from hams about interference being caused by these transmitters had begun to mount by late 1979 and early 1980. The FCC acted. Using its direction-finding equipment, the FCC claimed to have located and raided Radio Libertad on February 7, 1980. The FCC claims it confiscated equipment from a house in Miami but made no arrests. Some days later the case was "sealed" so that no more information about it could be released. This is a step sometimes taken when an investigation is incomplete and more evidence or arrests are expected.

The Bay of Pigs Veterans Association Brigade 2506 claimed that its Radio Giron was the target of the raid and the FCC briefly went along with this before identifying the raided station as Libertad. Radio Libertad continued to operate and Commandante David continued his speeches over the station.

Then on July 10, 1980 a second raid took place when the FCC paid a visit to a house at 8780 SW 51st Street in Hialeah, confiscating equipment and arresting one Jose Gonzales, age 47. The FCC said that Gonzales, a native of Santa Clara, Cuba and a 30 year resident of the U.S. had been warned to stop the broadcasts earlier. Gonzales was arraigned on August 19th and released on \$10,000 bond with trial said to begin "soon."

In mid April of this year, U.S. Attorney Atlee W. Wampler III requested that charges against Gonzales be dropped and Gonzales, who is said to have freely admitted making regular anti-Castro broadcasts, was released. As this is written there is no

indication as to why charges against Gonzales were dropped.

Earlier there was speculation that Gonzales was not the man's real name, nor was he the real Commandante David. Perhaps Gonzales took the rap for David?

Some knowledgeable sources claim that the first raid did not, in fact, even take place but was merely a ruse to mollify the complainants.

Alpha 66 and Abdala claimed no knowledge of Commandante David, although at one time Abdala said the Commandante worked for them. Both said their operations would continue as, in fact, they did.

What's the real story? What is chaff and what is fact? We can only guess, but it seems reasonable to assume that the February, 1980 raid did take place, equipment was confiscated and warnings to stop the broadcasting activities were issued. Replacement of equipment and locations for transmitting apparently not being a problem, the warnings were ignored and Radio Libertad Cubana continued operating until raided again in July. Radio Libertad, or something using that name, continues to be sporadically active. Commandante David, whether or not he is Gonzales, is still in the Miami area and there have been reports of his being heard on the air, perhaps sometimes using a different name. His relations with the anti-Castro groups are said to be strained.

Commandante David and Radio Libertad Cubana are easily the most interesting stories from the rebel radios of more modern days. But many other stations have operated or are operating now. Here is a survey.

Radio Abdala: Claims to have started operations in 1972 but first DXer reports were not until 1977. The station is operated by Agrupacion Abdala which at one time claimed the station was in the Caribbean. In January of 1979 Radio Abdala was either bombed or burned out by pro-Castro elements and was off the air for several months. An Abdala representative at that time told the writer that the station would return, again operating from the Caribbean. It did return in mid-1980, claiming to have six different transmitters throughout the Southern Florida area. Later fund-raising material claimed four transmitters of 1kw each. The station continues to be active with the last reported schedule Monday-Wednesday-Thursday-Friday from 7 to 8pm EST and Sundays at 5pm EST. However it has been heard frequently around 0300 GMT. DX'ers may try sending reports to Enrique G. Encinose, National Secretary, Cuban Section, Abdala, P.O. Box 341005, Coral Gables, Florida, 33134.

Radio Rebelde: First noted in the spring of 1976 claiming to be in Oriente Province but, like the others, almost certainly in Florida. Also identified in a manner which indicated ties to Radio Libertad Cubana and, in fact, may have been an early name for Libertad as the latter also used the Rebelde slogan frequently.

Radio Libertad Cubana: First noted in May of 1978 and also claiming an Oriente Province location. This, of course, was the station on which Commandante David achieved stardom. It was widely heard in both the U.S. and Cuba and seemed affiliated with Abdala as well. In the beginning its efforts were rather amateurish but later it had improved technically as well as from a programming standpoint. At one time it claimed a power of 1.8 kw and said that revolutionary forces were active in both Oriente and Comaguay provinces. In the spring of 1980 the station was using pre-taped broadcasts from multiple locations in the Miami area to escape Cuban intelligence agents who were said to be gunning for it. Possibly it was also trying to stay a step ahead of the FCC as well. Radio Libertad encouraged Cubans to take refuge in Havana embassies long before the Peruvian embassy incident which led to the great influx of refugees to the U.S.

Radios escuchas Nacionales: Active very irregularly and briefly in the spring of 1979. No other information is available.

La Voz de Alpha 66: One of the more constant operations, this one is run by the Alpha 66 organization, one of the more active anti-Castro groups. DX'ers can try reports to Andres Nazario Sargen, Secretary General, Alpha 66, 1530 N.W. 36th St., Miami, Florida, 33142.

Radio Giron: There are no known reports of this one ever being logged but the Bay of Pigs Veterans Association Brigade 2506 claims it.

La Voz de Junta Patriotica Cubana: First heard in the spring of 1980 on the usual 40 meter band segment but it later moved to 7.400 where it was more widely heard. Operated by the Cuban Patriotic Board, an umbrella organization for some 100 to 200 anti-Castro groups. The station also identified as Radio Mambi, announcing an address of Apartado 68045, Altimire, Caracas, Venezuela. So far as is known, no reports sent to this address were answered. A better possibility for reports might be the Cuban Patriotic Junta, 3916 Bergenline Avenue, Union City, NJ 07087. The Junta is said to be trying to raise money to build a station in Costa Rica.

Radio Antorcha Martina: Started operations in the spring of 1980 and run by Torch of Marti, another exile organization. It was still being heard as of late March of this year.

Radio 1450: Operated by Brigade 1450, also coming on in the spring of 1980 but for only a brief period.

Radio Habana Cuba: Not the real one, of course. Operated briefly in April of 1980.

La Juventud Progresista Cubana: Began early in 1981 protesting vandalism at the offices of the Cuban Patriotic Junta by the pro-Castro Antonio Maceo Brigade. The man

announcer heard lately on this outlet gave the impression of trying to disguise his voice raising speculation that it might be David.

Radio Trinchera: Radio Foxhole. First heard last December claiming to be on nightly. Identification was uncertain for sometime. Said to be an Alpha 66 operation.

La Voz de Cuba Independiente y Democratica: Heard from February of this year with mentions of Commandante Matos, Secretary General of the Cuba Independiente y Democratica (CID). This group was founded by Juber Matos in Caracas after he spend 20 years in Castro's jails. He keeps his organization aloof from the others and is not connected with the Cuban Patriotic Junta, making the Junta a little wary of Matos and his organization.

La Voz Cristiana de Cuba: Also heard beginning in February, 1981 with a fairly professional sound. Gives an address of Apartado Postal. Los Ruizes, 70382, Caracas.

Radio Revolution: Actually there may well be two by this name--one anti-Castro, the other pro-Castro. DX'ers following this one are reporting content favoring both sides so it is still something of a mystery. Frequencies around 7430 and 7050.

La Voz de Cuba: This one is not a station but a program which is carried on a number of Latin American stations such as Radio Cenit, Radio Iris and Radio El Mundo all in Ecuador; Radio San Miguel in Bolivia. Address is P.O. Box 726, Bell, California, 90901.

It is unfortunate that so many qualifier words have had to be used in this article. However, much of the information is hazy. It is virtually impossible to get representatives of the stations or the exile organizations to talk about their operations, leaving the DXer only with what he or others hear and what appears in the newspapers. We are left, in large part, to speculation. The behind the scenes story remains there--behind the scenes. My sincere thanks to John Santosuosso for his invaluable assistance. His Pirates and Clandestines column in the Newark News Radio Club bulletin is must reading for all followers of the unofficial radio scene. Thanks, too, to Harry Helms and Terry Krueger. Each of them is more of an expert on the subject than I.

ENGLISH LANGUAGE BROADCASTS TO NORTH AMERICA

May - August 1981

Compiled by Roger Legge, Box 232, McLean, VA 22101

TO EASTERN AND CENTRAL NORTH AMERICA

MORNING

| <u>EDT</u>       | <u>EST</u>    | <u>Station</u>       | <u>Frequencies (Khz)</u>      |
|------------------|---------------|----------------------|-------------------------------|
| 6:00-9:00am      | 1000-1300     | Moscow, USSR         | 9600R, 17845                  |
| 7:00-8:50am      | 1100-1250     | Pyongyang, No. Korea | 9977                          |
| 7:00-9:00am      | 1100-1300     | Melbourne, Australia | 9580                          |
| 7:00-9:30am      | 1100-1330     | London, England      | 9510c, 11775w, 15070          |
| 7:05-9:00am      | 1105-1300     | TWR, Bonaire, NWI    | 11815 (Sa/Su to 1330)         |
| 8:00-8:20am M-F  | 12-1220 M-F   | Montreal, Canada     | 9650, 11955                   |
| 8:00-8:30am      | 1200-1230     | Helsinki, Finland    | 15400, 17800 (Sun. to 1325)   |
|                  |               | Jerusalem, Israel    | 15605, 17612, 21675           |
| 8:00-8:55am      | 1200-1255     | Peking, China        | 15520                         |
| 8:00am-12n       | 1200-1600     | HCJB, Quito, Ecuador | 11740 (to 1430), 15115, 17890 |
| 8:30-8:45        | 1230-1245     | Athens, Greece       | 17830, 21455                  |
| 8:30-9:00am      | 1230-1300     | Vienna, Austria      | 21655                         |
| 9:00-11:00am     | 1300-1500     | Moscow, USSR         | 11840h, 15135, 17845          |
| 9:00am-12n Su    | 1300-1600 Su  | Montreal, Canada     | 11955, 9575                   |
| 9:15-9:45am      | 1315-1345     | Berne, Switzerland   | 21570                         |
| 9:30-10:00am     | 1330-1400     | Helsinki, Finland    | 15400, 21475                  |
| 9:30-10am M-F    | 1330-1400 M-F | Brussels, Belgium    | 21525                         |
| 10:00-10:30am    | 1400-1430     | Stockholm, Sweden    | 21615                         |
| 10:00-10:30am Su | 14-1430 Su    | Oslo, Norway         | 17840                         |

Afternoon

|              |              |                         |                           |
|--------------|--------------|-------------------------|---------------------------|
| 12:00-1:15pm | 1600-1715    | London, England (Su/Su: | 15-1745) 15260c, 17830c   |
| 12:00-6:00pm | 1600-2200    | Moscow, USSR            | 11840h, 15455 (from 1700) |
| 2-2:30pm Su  | 1800-1830 Su | Oslo, Norway            | 17840                     |
| 4:00-4:30pm  | 2000-2030    | Jerusalem, Israel       | 15582, 17645              |

Evening

|                |           |                 |              |
|----------------|-----------|-----------------|--------------|
| 5:30-6:00pm    | 2130-2200 | Sofia, Bulgaria | 11750, 15135 |
| 6:00-6:30pm Su | 2200-2230 | Oslo, Norway    | 15345, 17795 |

|             |           |                    |                                                                                                                                                   |
|-------------|-----------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 6:00-6:30pm | 2200-2230 | Vilnius, Lith, SSR | 11735, 12060                                                                                                                                      |
| 6:00-7:00pm | 2200-2300 | Ankara, Turkey     | 11895                                                                                                                                             |
|             |           | London, England    | 6175, 9510, 9590c, 15260a, 15420                                                                                                                  |
| 6:00-8:00pm | 2200-0000 | Montreal, Canada   | 5960, 9755                                                                                                                                        |
| 6:00-9:30pm | 2200-0130 | Moscow, USSR       | 600h, 9600h (from 0000), 9665<br>(from 0030), 11710, 11720, 11750,<br>11770, 11920, 11960, 12030,<br>(from 2330), 15135 (to 23), 15455<br>(to 23) |
| 6:30-7:00pm | 2230-2300 | Jerusalem, Israel  | 9815, 11637, 15582, 21710                                                                                                                         |
| 7:00-7:30am | 2300-2330 | Stockholm, Sweden  | 11705, 15380                                                                                                                                      |
| 7:00-8:30pm | 2300-0030 | London, England    | 5975, 6120c, 6175w, 7325, 9510,<br>9590c, 11910, 15260a                                                                                           |
| 7:30-8:00pm | 2330-0000 | Kiev, Ukr. SSR     | 9800, 11735, 11790                                                                                                                                |
| 7:45-8:45pm | 2345-0045 | Tokyo, Japan       | 15430, 17825                                                                                                                                      |

ENGLISH TO EASTERN & CENTRAL NO. AMERICA

May-August 1981

| <u>EDT</u>       | <u>GMT</u>   |                          |                                                                               |
|------------------|--------------|--------------------------|-------------------------------------------------------------------------------|
| 8:00-8:30pm      | 0000-0030    | Jerusalem, Israel        | 9815, 11637, 15582                                                            |
|                  |              | Montreal, Canada         | 5960, 9755                                                                    |
|                  |              | Tirana, Albania          | 7065, 9750                                                                    |
| 8:00-8:45pm      | 0000-0045    | Berlin, DDR              | 9730, 11975                                                                   |
| 8:00-9:00pm      | 0000-0100    | Peking, China            | 15125, 17680, 17855                                                           |
|                  |              | Sofia, Bulgaria          | 15110, 15330                                                                  |
| 8:05-10:05pm     | 0005-0215    | Madrid, Spain            | 9630, 11880                                                                   |
| 8:15-9:00pm      | 0015-0100    | Brussels, Belgium        | 15385                                                                         |
| 8:30-10:30pm     | 0030-0230    | HCJB, Quito, Ecuador     | 9745, 15360, 17875                                                            |
| 8:30-11:30pm     | 0030-0330    | London, England          | 5975, 6120c, 6175w, 7325, 11835,<br>(to 0230), 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    | Budapest, Hungary        | 9835, 11910, 15220, 17710 (not<br>Sun.)                                       |
|                  |              | Buenos Aires, Argentina  | 11710 (not Sun.)                                                              |
|                  |              | Jerusalem, Israel        | 9815, 11637, 15582                                                            |
|                  |              | Montreal, Canada         | 5960, 9755, 17820                                                             |
| 9:00-10:00pm     | 0100-0200    | Prague, Czechoslovakia   | 5930, 7345, 9540, 9740, 11990                                                 |
| 9:00-11:00pm     | 0100-0300    | Peking, China            | 17680, 17855 (01-02)                                                          |
| 9:00pm-12:50am   | 0100-0450    | Havana, Cuba             | 11930                                                                         |
| 9:20-9:50pm      | 0120-0150    | Cologne, Germany         | 6040w, 6085, 6145, 9565, 9590m,<br>11865m, 15105m                             |
| 9:30-9:45pm      | 0130-0145    | Athens, Greece           | 9515, 9655, 11730                                                             |
| 9:30-10:00pm     | 0130-0200    | Tirana, Albania          | 7120, 9750                                                                    |
|                  |              | Vienna, Austria          | 5945, 9770                                                                    |
| 9:30-10:15pm     | 0130-0215    | Berlin, DDR              | 9730, 11975                                                                   |
| 9:30-11:00pm     | 0130-0300    | Moscow, USSR             | 600h, 9600h, 9665, 9700, 11710,<br>11720, 11750, 11770, 11920, 11960<br>12030 |
| 9:45-10:15pm     | 0145-0215    | Berne, Switzerland       | 6135, 9725, 11715, 15305                                                      |
| 10:00-10:30pm Su | 0200-0230    | Budapest, Hungary        | 9835, 11910, 15220, 17710                                                     |
|                  |              | Jerusalem, Israel        | 9815, 11637, 15582                                                            |
|                  |              | Kiev, Ukrainian SSR      | 9800, 11735, 11790                                                            |
|                  |              | Montreal, Canada         | 5960, 9755, 11940                                                             |
|                  |              | Warsaw, Poland           | 6095, 7270, 9525, 11815, 15120                                                |
| 10:00-10:30pm Su | 0200-0230 Mo | Oslo, Norway             | 11860                                                                         |
| 10:00-10:50pm    | 0200-0250    | Johannesburg, So. Africa | 5980, 9585                                                                    |
| 10:00-11:00pm    | 0200-0300    | Brazilia, Brazil         | 15290, 17830                                                                  |
|                  |              | Bucharest, Romania       | 5990, 9570, 11840, 11940                                                      |
| 10:00-11:30pm    | 0200-0330    | Cairo, Egypt             | 9475, 12000                                                                   |
| 10:30-11:00pm    | 0230-0300    | Beirut, Lebanon          | 11860                                                                         |
|                  |              | Helsinki, Finland        | 11755, 15400                                                                  |
|                  |              | Stockholm, Sweden        | 11705, 15315                                                                  |
|                  |              | Tirana, Albania          | 7120, 9750                                                                    |
| 10:30-11:25pm    | 0230-0325    | Hilversum, Holland       | 6165h, 9590h                                                                  |
| 10:30pm-1:00am   | 0230-0500    | HCJB, Quito, Ecuador     | 9745, 15360                                                                   |

|                |           |                                         |                                                                                   |
|----------------|-----------|-----------------------------------------|-----------------------------------------------------------------------------------|
| 11:00-11:30pm  | 0300-0330 | Lisbon, Portugal<br>Montreal, Canada    | 9575, 11925<br>5960, 9535, 9755, 11845, 11940                                     |
| 11:00pm-12mdt  | 0300-0400 | Warsaw, Poland<br>Prague, Czechslovakia | 6095, 7145, 9525, 11815, 15120<br>5930, 7345, 9540, 9740, 11990                   |
| 11:00pm-1:00am | 0300-0500 | Moscow, USSR                            | 600h, 9600h, 9665, 9700 (to 04),<br>9785, 11720, 11735, 11750 (to<br>0400), 11920 |

ENGLISH TO E. & C. NORTH AMERICA

May-August 1981

| EDT              | GMT          |                                        |                                                     |
|------------------|--------------|----------------------------------------|-----------------------------------------------------|
| 11:30-11:45pm    | 0330-0345    | Athens, Greece                         | 9515, 9650, 11730                                   |
| 11:30pm-12mdt    | 0330-0400    | Vienna, Austria                        | 5945, 9770                                          |
| 11:30pm-12:30am  | 0330-0430    | London, England                        | 5975, 6175w                                         |
| 11:30pm-2:00am   | 0330-0600    | Havana, Cuba                           | 11760                                               |
| 12:00-12:30am    | 0400-0430    | Bucharest, Romania<br>Montreal, Canada | 5990, 9570, 11840, 11940<br>5960, 9535, 9755, 11845 |
| 12:00-12:30am Su | 0400-0430 Mo | Oslo, Norway                           | 11860                                               |
| 12:30-1:00am     | 0430-0500    | Sofia, Bulgaria                        | 11750                                               |
| 1:00-1:15am      | 0500-0515    | Jerusalem, Israel                      | 11637, 15105, 15582                                 |

ENGLISH LANGUAGE BROADCASTS TO WESTERN NORTH AMERICA

Morning

| PDT          | GMT       |                          |                                       |
|--------------|-----------|--------------------------|---------------------------------------|
| 6:00am-12N   | 1300-1900 | Moscow, USSR (via Khab.) | 9655, 9750, 11720, 11905              |
| 6:30-7:00am  | 1330-1400 | Helsinki, Finland        | 15400, 21475                          |
| 6:30-9:15am  | 1330-1615 | London, England          | 11750s, 15070, 15400a (from 1430)     |
| 7:00-7:30am  | 1400-1430 | Tokyo, Japan             | 9505 (also 1500, 1600, 1700,<br>1800) |
| 8:30-8:45am  | 1530-1545 | Athens, Greece           | 17830, 21455                          |
| 9:00-10:00am | 1600-1700 | Seoul, Korea             | 9720, 11830                           |

Afternoon

|               |           |                                |                                        |
|---------------|-----------|--------------------------------|----------------------------------------|
| 12:00-12:15pm | 1900-1915 | Tokyo, Japan                   | 17755 (also 2000, 2100, 2200,<br>2300) |
| 12:00-2:00pm  | 1900-2100 | Moscow, USSR (via Khab.)       | 9655, 11720, 11905, 15180, 15245       |
| 2:00-5:00pm   | 2100-0000 | Moscow, USSR (via Khab.)       | 12050, 15245, 15425, 17700             |
| 2:40-3:40pm   | 2140-2240 | Taipei, Taiwan                 | 9685, 11825, 15270                     |
| 3:00-3:30pm   | 2200-2230 | Vilnius, Lith, SSR (Via Khab.) | 15180, 17845, 17870                    |
| 4:00-4:30pm   | 2300-2330 | Stockholm, Sweden              | 11705, 15380                           |
| 4:00-5:30pm   | 2300-0030 | London, England                | 9590c, 11910, 15260a, 15420            |
| 4:30-5:00pm   | 2330-0000 | Kiev, Ukr. SSR (via Khab.)     | 15180, 17845, 17870                    |

Evening

|                |              |                                                                                          |                                                                                             |
|----------------|--------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 5:00-5:15pm    | 0000-0015    | Tokyo, Japan                                                                             | 17755 (also 0100, 0200, 0300,<br>0400)                                                      |
| 5:05-7:05pm    | 0005-0205    | Madrid, Spain                                                                            | 9630, 11880                                                                                 |
| 5:00-8:00pm    | 0000-0300    | Moscow, USSR (via Khab.)                                                                 | 12050, 15100, 15245, 15425, 17700                                                           |
| 5:30-7:30pm    | 0030-0230    | HCJB, Quito, Ecuador                                                                     | 9745, 15360, 17875                                                                          |
| 5:30-8:30pm    | 0030-0330    | London, England                                                                          | 6120c, 6175w, 7325, 11835 (to<br>0230), 15260a                                              |
| 6:00-6:30pm    | 0100-0130    | Budapest, Hungary (not Su)<br>Montreal, Canada                                           | 9835, 11910, 15220, 17710<br>5960, 9755, 17820                                              |
| 6:00-7:00pm    | 0100-0200    | Taipei, Taiwan                                                                           | 11825, 15345                                                                                |
| 6:00-8:00pm    | 0100-0300    | Melbourne, Australia<br>Peking, China                                                    | 17795, 21740<br>17680, 17855 (01-02)                                                        |
| 6:30-7:30pm    | 0130-0230    | Tokyo, Japan                                                                             | 15235, 17725, 17825, 21640                                                                  |
| 7:00-7:30pm    | 0200-0230    | Budapest, Hungary<br>Jerusalem, Israel<br>Kiev, Ukr. SSR (via Khab.)<br>Montreal, Canada | 9835, 11910, 15220, 17710<br>9815, 11637, 15582<br>15180, 17845, 17870<br>5960, 9755, 11940 |
| 7:00-7:30pm Su | 0200-0230 Mo | Oslo, Norway                                                                             | 9610, 11870                                                                                 |
| 7:00-7:50pm    | 0200-0250    | Johannesburg, So. Africa                                                                 | 5980, 9585                                                                                  |
| 7:00-8:00pm    | 0200-0300    | Brasilia, Brazil                                                                         | 15290, 17830                                                                                |
| 7:00-8:30pm    | 0200-0330    | Cairo, Egypt                                                                             | 9475, 12000                                                                                 |

| <u>PDT</u>       | <u>GMT</u>   |                               |                                   |
|------------------|--------------|-------------------------------|-----------------------------------|
| 7:30-8:00pm      | 0230-0300    | Helsinki, Finland             | 11755, 15400                      |
|                  |              | Stockholm, Sweden             | 11705, 15315                      |
| 7:30-8:15pm      | 0230-0315    | Berlin, DDR                   | 11840, 11890, 11975               |
| 7:30-10:30pm     | 0230-0500    | HCJB, Quito, Ecuador          | 9745, 15360                       |
| 7:55-8:00pm      | 0255-0300    | Yerevan, Arm. SSR (via Khab.) | 15180, 17845, 17870               |
| 8:00-8L30pm      | 0300-0330    | Lisbon, Portugal              | 9575, 11925                       |
|                  |              | Montreal, Canada              | 5960, 9535, 9755, 11845, 11940    |
| 8:00-8:50        | 0300-0350    | Taipei, Taiwan                | 11825, 15270, 15345               |
| 8:00-9:00        | 0300-0400    | Prague, Czechoslovakia        | 5930, 7345, 9540, 9740, 11990     |
| 8:00-10:00pm     | 0300-0500    | Peking, China                 | 12520, 17680, 17855 (o3-04)       |
| 8:00-12mdt       | 0300-0700    | Moscow, USSR (via Khab.)      | 15100, 15180, 15245, 15405, 15425 |
| 8:30 8:45pm      | 0330-0345    | Athens, Greece                | 9515, 9650, 11730                 |
| 8:30-9:30pm      | 0330-0430    | London, England               | 5975, 6175w                       |
| 8:30-11:00pm     | 0330-0600    | Havana, Cuba                  | 11760                             |
| 9:00-9:30pm      | 0400-0430    | Bucharest, Romania            | 5990, 9570, 11840, 11940          |
|                  |              | Montreal, Canada              | 5960, 9535, 9755, 11845           |
| 9:00-9:30pm Su   | 0400-0430 Mo | Oslo, Norway                  | 11860                             |
| 9:30-10:00pm     | 0430-0500    | Berne, Switzerland            | 9725, 11715                       |
|                  |              | Sofia, Bulgaria               | 11750                             |
|                  |              | Vienna, Austria               | 12015                             |
| 9:30pm-12:30am   | 0430-0730    | London, England               | 6175w, 9510w                      |
| 10:00-10:15pm    | 0500-0515    | Jersusalem, Israel            | 11637, 15105, 15582               |
|                  |              | Tokyo, Japan                  | 15325 (also 0600, 0700)           |
| 10:00-10:30pm    | 0500-0530    | Lisbon, Portugal              | 6185, 9575                        |
| 10:00-12mdt      | 0500-0700    | HCJB, Quito, Ecuador          | 6095, 9745, 11915                 |
| 10:15-11:15pm    | 0515-0615    | Madrid, Spain                 | 9630, 11880                       |
| 10:30-10:50pm    | 0530-0550    | Cologne, Germany              | 5960, 6100, 9545w, 9650, 11905    |
| 10:30-11:25pm    | 0530-0625    | Hilversum, Holland            | 6165b, 9715b                      |
| 11:00-11:30pm Su | 0600-0630 Mo | Oslo, Norway                  | 11860                             |
| 11:30pm-1:00am   | 0630-0800    | Havanna, Cuba                 | 9525                              |
| 1:00-1:15am      | 0800-0815    | Tokyo, Japan                  | 9505 (& hourly to 1300)           |
| 1:00- 2:00am     | 0800-0900    | Seoul, Korea                  | 11810                             |

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**MY MOST PRIZED QSL** by Niel Wolfish

My most prized QSL came in November of 1976 from Libya's People's Revolution Broadcasting. The circumstances surrounding my reception of the QSL outweigh the fact that I've verified harder to hear stations such as Ireland's Radio Condor International and Venezuelan La Voz de El Tigré and make it more prized. My first reception of Libya came in October of 1976. Out of curiosity, I looked at the August 1976 NASWA bulletin and found that two people had verified Libya. One DXer, James Young, verified PRB for his 196th country verified and the other verification went to John Moritz (who? hi!). The sight of two prominent DXers verifications prompted me to give it a shot. Six weeks, 2 IRCs and 1 letter later, I came home from school to find a stack of mail. On the bottom under QSLs from Tunisia and the VOA was a plain brown envelope with a Libyan stamp. Needless to say, I was quite shocked, and quite pleased when I opened the envelope. It was only my 80th country verified, and I certainly wasn't your basic "famous dxer". Four and a half years later, with more QSLs being received from Libya now than before, I still prize the QSL as much as before and quite proud of the gamble I took to obtain the verification.

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**A PLEA FROM YOUR SHORTWAVE CENTER EDITOR**

Charlie Loudeno, if you are reading this will you please answer my letters! I have gone the route of the Tibetan monk and others in trying to reach you. Please reply! Now that I have said that allow me to say that we have more goodies on hold for future SWCs. We will pick up Don Jensen's history of NASWA next month, going through the middle years of our club, along with an interview of Gordon Darling of the BBC's, more South American chatter from Pitt McNeil, and an exclusive interview with one of this hobby's most controversial and outspoken people, who will remain nameless until all the work is finished. You won't want to miss one page of SWC. DXing Fever. Catch it in the pages of SHORTWAVE CENTER!

## DX SMORGASBORD

Dan Ferguson  
P. O. Box 8452  
South Charleston, WV 25303

ANARC meetings are always interesting, and surely the one in Thunder Bay, Ontario, July 17-19, will be no exception. Although I usually manage to get together with a few DXers at least once every summer, it has been a while since I have been able to make it to an ANARC meeting. I had hoped to be able to do so this year, and still may do so, though scheduling problems may prevent it. Anyway, if I do get there, I hope to see a good turnout from among the NASWA group.

Ten years ago this month I ended a 2-1/2 year stint as editor of the Log Report. Little did I know that, in less than a year, I would begin 3 years as publisher of *Frendx* and substitute editor of nearly every section. I resigned as Log Report editor because of a lack of time. It did not help! I've spent the last 10 years with a lack of the time I'd like to have to do various things.

A review of the Log Report for July, 1971, discloses logs of Lorenzo Marques, Mozambique, on 3278 khz, by young DXer Ralph W. Perry & R. Fiji on 3284 by Bob Brode and Hank Michalenka. Larry Magne noted several changes to schedules of stations listed in the latest 60 meter band survey I had published. Don Jensen noted receipt of a QSL from R. Jesus del Gran Poder, 5070 khz.

Other reports to the 12 page Log Report that month included Al Miller, Anthony Marks, Al Sizer, Pat Patterson, Dan Jamison, Ed Shaw, Ed Pyatt, Gerry Dexter, John Tuchscherer, Jim Young, Marlin Field, and Steve d'Adolph.

Looking through the old Log Reports brings also to mind some of the unusual "loggings" reported of some stations best characterized as having been reported far more often than they were heard. Probably one of the most interesting reports ever received by an editor was pulled from the post office box of another editor, who later mentioned it to me. The entire report, concerning several stations, was typed from edge to edge and top to bottom on a postal card. One of the notes was to the effect that "Tristan again coming through." Others would include reports of rather common stations, with the comment that there was significant qrm from a station that was quite rare and would have better been the subject of an item reported to the Log Report.

Nine years and eleven months ago Jerry Berg began a stint as editor of the entire Log Report. This month Jerry takes over the job of editing the "B" section of the LR. Does it seem like you've been through this before, Jerry?

### SUNRISE GEOMETRY --

Much is often made of sunrise or sunset time at the location of a transmitter. Actually, what is important is the sunrise (or sunset) time at the region of the reflection "point" in the ionosphere. The sunrise at the reflection point is not often the same as the sunrise at ground level at the transmitter site. Further, it should be noted that sunrise at a point a couple hundred miles above the surface of the earth does not occur at the same time as sunrise on the surface of the earth. Nevertheless, knowledge of the time of sunrise on the surface of the earth at the transmitter location can be of value, particularly since it is a region of the ionosphere that refracts a shortwave radio signal, rather than a point reflecting the signal.

### TRIVIA DEPARTMENT (Or did you think that started at the top of the page?)

A common abbreviation in *Frendx* is the use of an asterisk before a time to indicate sign-on, and after a time to indicate sign-off. Thus, \*0100-0300\* means "sign-on 0100 to 0300 sign-off." The first *Frendx* reader who correctly identifies to me the date the abbreviation was introduced to the pages of *Frendx*, and the name of the individual who suggested the abbreviation, will receive an obsolete Radio RSA programme schedule.

### ON DXING: IVORY COAST

This country can be a painless addition to your "countries heard" list. R. Ivory Coast operates on 4940 khz, 7215 khz, and 11920 khz from 0600 to 2400 GMT. Language used is generally French. Try after the 0600 sign on time, and till sign off at 2400. 11920 can be heard well in our afternoons. They have (or I assume they still have, though I have not tuned it lately) an English language external service at 1900 to 2000 GMT.

# IT SOUNDS TO ME!

BY AL SIZER, 22 COUNTRY WAY, NORTH HAVEN, CT 06473

NEW DELHI, India (UPI) -- President Ziaur Rahman of Bangladesh and eight aides were assassinated in their sleep early Saturday by a group of leftist rebels led by a general recently fired as chief of staff, Dacca radio announced.

The above news bulletin, which I clipped from my May 31 newspaper is a good starting point for this month's column. Note the three words I have underlined. As I reconstruct that particular news story, a UPI correspondent in New Delhi heard about the assassination on radio, probably shortwave.

As a veteran newsman it is almost embarrassing for me to have to point out that all too often stories of great international importance come to the press by means of radio. Very often a correspondent who is not on the scene, and in many cases not able to be on the scene, gets the news by monitoring shortwave radio in another country. Check me out. In international news stories look for that unobtrusive, rarely featured, attribution which quotes a shortwave radio station.

You will find in many instances news of coups and uprisings comes from radio broadcasts. Sometimes coup forces seize radio stations first and broadcast the news abroad. Often news otherwise unobtainable through regular press channels comes from clandestine radio stations. This was true in Biafra, Nicaragua, El Salvador and many other areas.

Yes, shortwave stations play a vital role in disseminating world news. They are a vital part of any country's communications system. But in light of that observation, what do we find? We find little mention of shortwave stations in most news stories and articles, except for the unobtrusive references I mentioned above. At most we get stories dealing with the VOA, Radio Liberty and Free Europe, the BBC and Moscow. That's about it.

The strange lack of information on shortwave stations was first called to my attention several years ago by Del Hirst, the Texas DXer. As I recall, Del subscribed to National Geographic Magazine and got sick and tired of reading articles about foreign countries that told you just about all you would ever want to know except that they had shortwave radio stations you could hear.

Del wrote to the magazine and cited the omission, suggesting such information be incorporated in the future. He received a polite answer but nothing changed.

I am sure we have all had the experience of reading, either in that magazine or elsewhere, articles about the Seychelles, Antigua, Rhodes, Greenland, and so forth, that fail to mention shortwave. It's quite irking. And it's not just a SWer's chauvinism--as I pointed out at the beginning of this column, such stations are playing a big role in world news.

In 1979 I was taking a guided bus tour of the island of Rhodes and the guide was taking us right past the VOA transmitter site without mentioning it until I asked him what it was.

That just about epitomizes the problem. It's a public relations problem and what are we going to do about it?

I suggest, for one thing, that whenever you read an article which fails to mention a shortwave installation--when such mention would have been appropriate--you write to the editor and offer the information. For instance, if the Seychelles, you might inform that "The otherwise excellent article about the Seychelles might have mentioned that the Far East Broadcasting Association operates a powerful missionary station there whose religious programs are heard in many languages in that area of the globe."

Often DXers hear the news first, especially if they understand foreign languages. If you hear about a coup, assassination, or other important news, call your City Desk at the local newspaper. It might be newsworthy to them, especially in a smaller city, that a local resident heard it first.

Yes, there are many ways that shortwave radio can be publicized and I'm sure some of our club members have some ideas and experiences on the subject which I can relay to the rest of you. Let's hear them. Let's do more to let people know what a worthwhile and informative hobby we are engaged in.

\*\*\*\*\*  
Feedback welcome at the address given at the head of this column. How about it?

## This Is The Way It Sounds To Them!

(Feedback on May column about lack of women in the shortwave hobby.)

I confess I'm disappointed with the sparse response to what I thought was a provocative topic. Perhaps Diane Levesque, whose comments I ran in the May column, is right in her further observation: "Do you suppose that we should have a drive to get the males more active in the slub as well as a drive for feminine consideration?" Could be, Diane.

Anyway, I heard from two men and a woman, so here's what they had to say:

TERRY LINDLEY, Birmingham, AL:

"I don't know a lady SWL although I would certainly like to. Don't get me wrong, I'm happily married. But I would like to get some input from some women DXers. I have been trying to get my wife interested for several of the 10 years I've been married. I suppose that women aren't really any different from men when it comes to a genuine interest in SW. You either like it or don't.

"I agree with Vera Crable--why not have a woman's page as such, edited by a woman. I don't know what the answer is, but like others I strongly suspect that there are many more women DXers than we know about. All we can do is let them know that they are very welcome."

CHRISTIAN P. HANSEN, Bronx, NY:

"The question I would like to ask is: 'Shouldn't there be room in the shortwave hobby for many different types of people and different types of organizations to appeal to those people?' Certain DXers, female and male, seem to have an inferiority complex about the sexual makeup of such organizations as NASWA/SPEEDX. The fact that they appeal to only a certain percentage of the shortwave population is immaterial...

"The carping which has come from a few about the sexual makeup of DX clubs is a product of the last few decades. If an organization is primarily made up of men, it has been automatically branded as actively denying membership to women. However, as far as I know, there is no sex test needed to buy a receiver or join a DX organization. It simply happens that most persons likely to find FRENEX or SPEEDX useful and enjoyable are male. There is nothing unhealthy about that, any more than there is about most sewing clubs being primarily female."

PATTI WEBSTER, Radio West, Escondido, CA:

"The replies you featured made some very valid points. However, one possible cause for the seeming lack of female participation that was not made is the social viewpoint. Electronics in general and radio specifically have been associated with men almost exclusively. This social viewpoint is an extremely strong influence.

"When I first became exposed to shortwave radio the images that came to mind were lots of wires, knobs and a lot of work--nothing came to mind about the entertainment available. I can safely say with my experience in talking to many women that these images are common to most. I have found that even though most women have no interest at all in DXing, they are interested in the programs available in the international context, mainly news.

"If shortwave was made known to the public as the excellent source of varied viewpoint news, international music, sports and so on, it would be far more likely to attract women than when it is presented as a DXing or technical hobby.

"How to encourage shortwave listening in women? Big exposure as the world source it is. Large scale exposure will come about only as a result of awareness of the major voices of the interest in SW. To accomplish this, I think we could start by writing to magazine editors that we'd like to see SW listings covered in their publications, pointing out their unique applications. More basically, we could tell our friends, men and women about our hobby and why we enjoy it.

"There are so many out there that are totally unaware of SW listening and these people are men and women, obviously, and lots more of the latter than the former! I'll do my part, but you men out there who now dominate the hobby, how about telling your female friends about your great shortwave radio instead of your great stereo! You might be surprised at our interest."

In her comments on exposure on a major scale, Patti mentions the widely-read article on SW in Time Magazine and the fact that a FRG-7700 was featured in Playboy Magazine. She also mentions that Radio West has gone outside the usual electronics magazines with its advertising, citing "The Mother Earth News".

There's some interesting food for thought in the above letters, especially Patti's seemingly ruling out DXing as of potential interest to most women. Do the rest of you buy that theory?



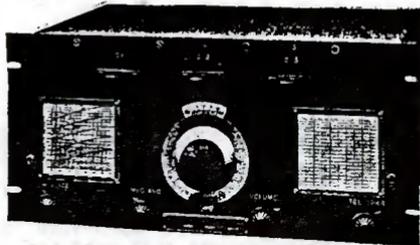
# VINTAGE VIGNETTES



WDX3UPA Bill Taylor, Box 132, Unionville, PA 19375

NATIONAL "AGS"  
by Henry Shaw

The National AGS was a tremendous improvement over most all other receivers of the early 1930 era. It was more sensitive, and far more stable, than the regenerative sets; and, it was about the only superheterodyne that had a TRF (tuned radio frequency) stage making it virtually image-free.



The AGS was very rugged and built with great care. The lengths of crucial wires in the RF section were individually adjusted to insure accurate tracking of the RF, mixer and oscillator circuits. It employed nine tubes (four 236, four 237, and one 238), and it had two tuned IF stages which was not then very standard. Moreover, it had a good AVC circuit (for that era), a frequency range of 2.4 to 20 MHz, and a crystal filter was available (on the AGSX) for the reception of "single-signal" CW mode. Band changing was accomplished by plugging in three coils on the front panel. In those days, this was common practice and was not regarded as a defect inherent to the set. Also, bandspread coils were available for the ham bands.

was common practice and was not regarded as a defect inherent to the set. Also, bandspread coils were available for the ham bands.

I used an AGS from 1933 to 1940 and had thirty-five countries verified by 1935; when I left SWling for ham radio. My only complaint was that the set needed realignment every once in a while. This stemmed from the fact that mica trimmers were used in the IF transformers, and they soaked up the moist sea air here in Cape May Point, New Jersey. The later models used air-dielectric trimmers to avoid this problem.

In 1934, when I bought my AGS, prohibition had just ended (and, hence, the rum running fleets). There was a lot of good radio equipment around here in South Jersey. The AGS cost me \$50.00 (approximately three weeks salary). Among other troubles, it had dial slippage. When I tried to buy a fiber gear, to replace the one that had been softened by the damp salt air, National gave me a complete new dial! Those were the days.

I still have fond memories of the set. I used it right up until the war when the authorities sealed it. I am sure that the AGS would do a surprisingly good job today with the higher powered transmitters, too.

Well, that's enough of an old man's ramblings. I'm hoping that you will bring out some other old gaffers who may have some interesting tales to tell. Best wishes.

Thanx Henry. I have. See below.

\*\*\*\*\*

"AN OLDIE" by Larry Lundberg (via Don Dickey & Leibschen)

I wonder how many old time DXers remember VR6AY located on Pitcairn Island in the South Pacific. Andrew E. Young was the operator in 1938 and 1939, and heard during the evenings on 20 meters. I believe Andrew was a relation of Dr. Geo. W. Young, founder of WDCY in Minneapolis, Minn. on the ECB band.

As I look at this verification, a pleasant memory enters my mind, along with a very sorrowful one. The pleasant memory occurred on Jan. 11, 1938, when I heard a 3 way conversation between VR6AY; VP3THE, the two homesick explorers, from the jungles of British Guiana in South America; and OX2QY,

the MacGregor Arctic Expedition in Etah, Greenland. These fellows had a great time that evening kidding each other. The temp. in Etah was a minus 72, while in the jungles it was 117 in the shade. Mr. Young was enjoying a nice south sea breeze with the temperature at 72°F. The difference of 189 degrees between these 3 stations made me feel mighty comfortable in my DX den, even though the temp. outside may have been below zero. I sent a report to all three stations and verifications were received from each one.

England at that time sent a ship to this island only twice a year to drop off supplies. Please note the postmarks. It took 19

months of waiting for this treasured verie.

The sorrowful event took place the latter part of 1939, when Mr. Young had to amputate his own leg. It was told that he died talking over his beloved 20 meter station, with his hand on the crank, of his hand cranked generator. Many hams heard his final broadcast and they all had the terrible feeling; that as the power of his signals were gradually fading away; that the same thing was happening to the life of a very fine gentleman, whom this old time DXer shall never forget.

If my memory holds me correctly; **OX2QY** operated with 400 watts, **VF3THE** 100 watts and **VR6AY** varied between 25-75 watts of power with his hand cranked generator.



Pitcairn Island was settled in 1783 by a small band of Englishmen, P.M.S. Bounty. Headed by Fletcher Christian and assisted by Edward Young, the small colony grew and prospered. Today, there are about 200 inhabitants, most of whom can trace their lineage to the nine original English settlers.

The island is about two miles long and a mile wide, with lofty cliffs of a thousand feet rising from the water's edge. Along the slopes, on small plantations, pineapples, lemons and semi-tropical fruits are grown. These fruits are a means of barter with passing ships to secure supplies.

*Harry Wainwright*  
1026 Henry Ave. N.  
Hendersonville, Tenn.  
U.S.A.

\*\*\*\*\*

TUBE OF THE MONTH

6E5 ELECTRON-RAY TUBE

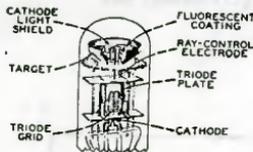
Electron ray tubes, such as the 6E5, were designed for a variety of indicating purposes, however their main use for our concern shall be as visual tuning indicators. On many vintage sets, there appears a cyclopan eye. It winks; it blinks; and it is there for a purpose. The **SWL**, being not too greatly predisposed toward technical matters, was not interested in the venerable **S-meter**. He or she was, however, interested in peaked reception of the latest war news from London, the best fidelity for the Berlin orchestra in concert, etc. Many radio manufacturers decided to incorporate a simple tuning eye into their sets with these facts in mind. The first "eyes" were used in rigs of mid-thirties vintage. The

trend gained speed during the forties, and began to lapse in the fifties. These tubes were the progenitors of our modern **LED** indicators for tape channels, **VU** meters, etc.

The ray tubes were all essentially similar in construction. They had a fluorescent screen at the top of the bulb which constituted the "target". When this target was pelted with a stream of electrons, it offered a pleasant pastel (usually) green color. A triode amplifier was placed in the base of the tube to emit the electron stream. And, a control electrode was inserted just under the target to intercept the electron flow. When the sought-after station was tuned to maximum strength, the electrode would be at roughly the same potential as the target; the stream would flow; and the eye would broadly glow. Alternatively, if there were a weak detected signal, the electrode would be negatively biased and deflect the flow away from the target and toward the triode plate. Most of the tuning eye tubes would vary their ring of light between approximately 0° of the target at maximum signal, to 100° of shadow at minimum.

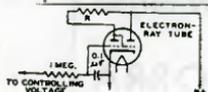
These tubes were usually operated from the **AVC** section of the set. As the **AVC** voltage would (relatively) peak, the triode plate current would produce a voltage drop through a resistor. The control electrode would then try to supplant this loss of current. The electrode, now with a stronger positive bias, would allow admittance to the flow of electrons from the cathode and, at the same time, allow the target to shine. Simple, eh? Trust me. It works.

Actually, when one thinks about it, how sure can you be about an **S-meter** measurement? The "eyes" operated on **AVC** current. Easier to replace than pots and meter coil assemblies. No shorts. No opens. No overohm.



**ELECTRON-RAY TUBE**

Glass type used to indicate visually by means of a fluorescent target the effects of a change in a controlling voltage. It is used as a convenient means of indicating accurate radio-tuning. Outline 23, OUTLINES SECTION. Tube requires six-contact socket. Heater volts (ac/dc), 6.3 amperes, G.1. For additional considerations, refer to Tuning Indication with Electron-Ray Tubes in ELECTRON TUBE APPLICATIONS SECTION.



\*\*\*\*\*

An interesting historical note; to be considered. George Schnabel, from Rochester, wrote to me awhile ago. He related his experience at a Boston DX conference circa 1972. A Mr. Fuchs, Sales V-P of the National Radio Co., addressed the conference as a guest speaker. He walked in; slammed a package onto a desk; the object turned out to be their new "\$3000 Scooper Bloopor"; and, he launched into a diatribe about why the foreign imports had ruined the market for his "\$3000 wonders". When asked why National had discontinued their more modestly priced lines, Mr. Fuchs related as to how the bigwigs had decided that they made as much profit from one \$3000 set as from 25 \$250 ones ... why bother? (q.v. AGS above)

WHEN A QSL IS ANYTHING BUT . . .

Conventional hobby wisdom has long held that QSLs, in themselves, prove nothing other than that an individual has written to the station. And because of this, the burden is on the listener to have absolutely ascertained the ID of the station before dispatching reports.

Some months ago, I wrote to M. Alain Quintrie-Lamothe, who is director general of Sud Radio, a M<sup>W</sup>er in Andorra. My inquiry to him was not in regard to the stn on 819 kHz, but rather in reference to the recalcitrant Africa No. 1, which a year into its existence was still refusing to verify reports. The Paris newspaper Le Monde had identified Quintrie-Lamothe as the individual who had masterminded the Gabon SW station. My logic, thus, was that if anyone could pull strings to obtain a QSL from Moyabi, it would be him. A copy of my report on A-No-1's test xmsns, along with a cover letter in French, was put into an envelope and sent to Andorra.

In this morning's mail came the reply: a QSL! But wait. Is it? Inside the brown envelope were brochures about Andorra, two stickers, a station leaflet and a QSL card -- but all for Sud Radio. There was my name on the M<sup>W</sup> QSL card, "verifying" that I had tuned Sud Radio on 819 kHz on April 3, 1981, at 0845 hours. My report was "hereby verified as fully correct". But I had sent no report, nor had ever hrd, the Andorra M<sup>W</sup>er.

If this was an unusual rarity, it would be easy to dismiss with a laugh. Unfortunately, such lax verifying standards have shown themselves in the past, also. For example, AFRTS is known to send QSL cards to requests for program schedules, and Schulungsender in Austria habitually answers all foreign mail with their QSL card.

Given such a state of affairs, Diers must be doubly careful to uphold hobby standards. When it is all boiled down, one fact remains: those QSLs in your book may not "prove" anything to anyone else, but at the very least, make sure that in your own conscience they are gilt-edged, not guilt-edged.

-- Ralph Perry

Below: the infamous Sud Radio "verification card"

|                                                             |                   |
|-------------------------------------------------------------|-------------------|
| <b>SUD</b><br><b>▲</b><br><b>RADIO</b><br>RADIO DES VALLÉES | ALTITUDE 2.600 M. |
|                                                             | 819 kHz 900 kW    |
| To: <u>Ralph PERRY</u>                                      |                   |
| Date: <u>3 April 1981</u> TU time: <u>08 h. 45</u>          |                   |
| Your report is hereby verified as fully correct             |                   |
| TXN and 73 from <b>ANDORRA</b>                              |                   |

My personal congratulations go out to Ralph and Fay Perry, whose first harmonic, Mark Daniel Perry, arrived on 6/3 at 11:20 AM! Mother, Father, and son are doing fine, and rumor has it that Ralph has already stuck the poor little guy with a Cubs uniform! In a phone chat with Ralph the other evening, he informs me that Mark has the makings of a good dxer. That may be. But Mark, when you get old enough to read this just remember that it was your good friend John who told you the Yankees were the best! Congratulations you guys!

# Listeners NOTEBOOK

• Editor: Glenn Hauser, WUOT, U-Tenn.,  
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## PROPER CREDIT

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**KEY** Letters along left margin enable you to spot items in categories of interest: D = death E = English, H = harmonic, J = jamming, L = program listening, M = mediumwave, P = futureplans Q = QSL, S = stamps/postal, T = timezone jumps, X = DX programs, V = television.

**AFGHANISTAN** R Afghanistan ES on new 7280, GM 1830-1900 then EG, // 15077 (Gerhard Zastrow, E W Germany, SCDX 2/6) 7280 and 9665 are USSR relay, ½-sec delayed by satellite feed, also at 1730-1800 Pashto, 1800-1830 Dari (Shigenori Aoki, NDXC, SCDX 10/6) Paul Karagianis discovered both of these 16/5 (Victor Goonetilleke, May UADX)

**ALGERIA** [Cf Apr LN-1] I did mean 15210v, not 15310--Algeria has been using it for some time; Eu reports at Feb end were 15208-15215; BBCMS reported 15215 as late as end of Apr, and as far as I know they are still hovering around 15210/215 (Miki Včelař, Pretoria, 17/5) Algiers noted on 9583 0700 23/5 // 9705, AR (Peter Bunn, ADXN)

**ANDORRA** Both AWR & WMR have been silent since early Apr as R Andorra has been off the air.

Sud Radio & RA came back temporarily for about one day, but as of 2/5 there is no sign of a settlement. Guardian newspaper says FR & SP nationals employed by the stns were dismissed, and authorities intend to staff them with Andorran natls; as yet unconfirmed. Actual dispute is very complicated and involves laws which have been in force for centuries. All we can do is wait and hope. Check AWR Sundays 0830-0845 via Sines [9665] for updated news. We hope to re-sked HAP special when things are back to normal (Andy Sennitt, May DSWCI SWN)

**ANGOLA** RNA erratic lately on 11955, off the air for long periods, including sked EG (QTH Af E 20/5) unID Afro on 5100, 8/6 0505 tune in, 0515 peak, to 0525, in PT so tentative Em Prov de Moçâmedes; note especially because of report [June LN-14] of Chad on 5100, which shouldn't be audible June thru Aug (Maxfield Greenwood, PA) [ & July LN-2]

**ANGUILLA** QSL letter rxd from Caribbean Beacon GM Bob Jensen, who said 11/5 they were still M 15 kW on 690 & 1610 due to govt power shortages; both xmtrs are CSIs coupled to a 350 foot P allied tower; also in svc, 100 W FM xmtr on 100.1 MHz, and plans for TV in the fall. Owned V by Quality Media Corp., P O Box 7008, Columbus GA 31908 (1-800-241-7878) tho reports should Q be sent to P O Box 690, Anguilla. Noted at local level to 0500\*, so may be on extended sked W/50 kW now (Terry L Krueger, FL, 2/6) On back of QSL card says there is possibility of SW xmns; sked gives 6 pm to 1 am (=EDT), no mention of other hours (Dean Rekich, Prospect PA) unID 31/5 0400, 1/6 0300, transcribed religious preaching, pirate? Awful splatter from WWRL-1600; should be above 1610 to escape QRM (Arthur Bodek, Cedarhurst NY) Is it SWBC? Per 1981 NASWA country list, SWBC is above 2000 kHz, also leaving out Australian stns in the 1700 kHz range (Jim Davis, Davis CA) Apparently not, but why worry? The important thing is to enjoy DX'ing the stn. However, if "Biafra" can still exist retroactively, why not a 'SWBC' stn on H a fq that was formerly considered SW? (gh) /harmonic, LN-11

**ANTIGUA** Confirmation letter from Wayne D Greene, PIO of VOA, verified site as Antigua, but Q said no QSLs till regular pgming begins; to date, no card (Terry Krueger, FL, 2/6) It certainly seems to have long before then & appears in VOA sked for J81; Wash last to know (gh)

**ARGENTINA** The State Communications Secretariat, through ENCOTEL, the National Post & Telegraph Enterprise, offers a SW rebroadcast of Radio Rivadavia's AM xmns from 630 kHz, on 5882 & 10680, from General Pacheco, destined for stns in the country's interior (Info from R Rivadavia tech mgr Ing. Jorge Armando Falcone, via Jorge Daniel Méndez, Marpla DX Club via Radio Nuevo Mundo, Japan) Some technical data about the SW is missing because the stn engr is not aware of it and has been uncooperative when I contacted him; and because it is impossible to obtain from ENCOTEL. It's a shame this is the case with a stn so popular among DX-ers (Jorge Daniel Méndez, ibid.) R Splendid, 1 kW on 1880 in at decent levels 0930-1015f, many IDs, male host, mx from Spain before 1000, LAm after (Maxfield Greenwood, PA)

**AUSTRALIA** 'Spectrum', new comms pgm on R Australia, goes on air Sun 5/7, and monthly on the X first Sunday at 5 times; first one features interviews made at DXPO-81; coordinated by Dick Speakman, a keen ARDX'er, who with Peter Bunn have been doing a lot of groundwork for the new series (Bob Padula, ADXN) I hrd a sneak preview of it! 8/6 0130-0155 w/co-host Mary Adams(?), covering the basics (QSLs, what DX means, etc). Regular sked of first Suns from 7/5 will be 15 mins at 0612, 0810, 1612, 2112, GMT Mon 0112, w/DX tips, tech stuff, talks on

DK clubs, rxs (Robert Erowne, Memphis TN) A comms blackout is expected in Au due to union P action (Austrian SW Panoramaw 8/6) Telecom are going back to work, back to normal (RA nx 0110 17/6) RA noted G200\* on 21740 16/6, rather than sked 0330\* (Joe Hanlon, PA) RA about to drop E 21630 on Eu svc 1800-2000; RCI avoided the fq last year but used it this year and RA is giving up as they will not consider out of band and cannot locate a clear lower fq in-band, and they cannot be persuaded that 21 MHz is only of use at the equinoxes (Noel R Green, UK, 22/5) RA ancd 1/6 it would discontinue this, an experimental fq that proved unsatisfactory; no replacement was ancd and no date given for the withdrawal (WBI 4/6) ABC now considering P building a stn at Townsville Qld to improve reception for PNG & SPac (The Bulletin, 3/2 via NZDXT) [Cf June LN-2] "3RPH" uses 500 W xmtr at Collingwood on 1705; studios 7 Donald St, Prahan, Vic; addr: Box 123, Brighton Beach, Vic 3186. Tel 03 598 8555; needs volunteer help from community; still experimental but operates around 1000-1200; no ads but accepts donations & acknowledges them on the air (Bill Quayle, ADXN) testing 11/5 1015-1017\* (Pat Fitzgerald, Vic, ADXN) Regular sked is Tue 0830-1000 (a Melbourne reporter via Arthur Cushen, Dec 1/6) Hrd testing 7/4 1130 (Arthur Cushen, NZDXT)

**BANGLADESH** [of June LN-2] R Bang GOS in EG J81: 0445-0515 7220 15400 21685; 1230-1300 15285 & E 21670; 1815 1915 11765 15285 (Paul Karaglanis, UADX) Carrier \*0430 on 21684, warming up, and faint audio after 0445, 0446\*; think I am on the right track (Maxfield Greenwood, PA)

**BELGIUM** BRT was wiped out by WYFR-15380 here so we moved it to 5365 27/5 for NAM 2330-0100 (Jim Conrad, IA) Now has HCJB problems after 0035 from 15360 (gh) excellent 16/6 //15175 (George Munz, NJ) BRT to FE Mon-Fri 1330-1400 on 21810 ex-21490; to NAM still 21525 (Joe E Hanlon, PA, 23/5) Also hrd announcing 21810 ex-21525 for Af at 1610-1655 from 1/6 (gh) Now clear of WYFR FRM, good fq here (Rolf Gunnar, CO)

**BOLIVIA** R Nacional, Cochabamba on 5974 \*1030v-1100 when KOed by Peking, P-K. TV, bank ads, IDs claiming to unify the country w/SW (Hirata, Hirahara & Maeda, mid-to-late May, RNM) However, another RNM reporter had a tentative R Loyola, Sucre on this fq in June, and there's the Brazilian on 5975, \*1002 (Aoi & Murao, RNM) R Ililiani finally hrd on 6027a, 0915 cl mx w/brief anmts, 0056 ID also as LV de Bolivia, 0100 talk pgr, 0130 nonstop instls, good sigs until destroyed by AFRTS 0210. R Panamericana hrd on 6105 0130 fq anmts, theme mx, EZL mx, fair w/ some DW-6100 QRM; that this was 2300 Suns; 17/5 (Chris Leithner, Brentwood TN, 30/5)

**BRAZIL** R 8 de Setembro, 2320 25/5 0155-0203\* w/PT vocal, Nutcracker; Waltz [of the Flowers?], ID. R Cultura de Araçatuba, tent, 2450, 25/5 0205-0234+, pops, EG tune, hrd "R Cultura" part of ID, static ruined the rest. R Ribeirão Preto, 3263, 25/5 0128-0146, full ID, ads, vocals, good. R Marumbi, 9675, 0937-1013 25/5 religious svc w/Curitiba addr; full ID 1000, then "Bom Dia, Brasil" pgm, G; R Rio Mar, 9695 25/5 0921-1000 w/TCs, accordion style vocals, singing IDs 0950 & 1000, usual wretched modulation. (Chris Lobdell, Red Bank NJ) R Marumbi varies around 9675, 0900-1031: 9673 11/5 and on 9677 25/5; 9623 19/5 (Aoi, Asano, RNM) R Globo, 2340-2410 on 6035, no sign of R Nac CR, sports, ID 2255, G as were 5965 & 6000 (Steve Reinstein, Miramar FL) R Nac, Brasília rxd during Jan & Feb a total of 1913 letters, of which 342 were from Germany, 420 US, 192 England, 93 Sweden (H Jäger, Germany, WRTE N-letter)

**BULGARIA** R Sofia has reorganized its pgm sked, probably at Marchend; mainly increasing AR, BG, EG, FR & GM; 1235-1255 & 2005-2025 xmsns in SP & PT resp apparently discontinued; they were remnants of the former R España Independiente [clandestine?] xmsns from Bulgaria which were dropped in autumn 1977 & replaced by R Sofia pgms Nov 77 (WBI 26/5/81)

**BURMA** [Cf Mar LN-3] Adrian Peterson on his visit to Burma found out that the 5960 stn is not Mandalay, but in the town of Taung-gyi, Shan State; produces some of own pgms and BBS pgms. In mtns, km elevation; power less than 5 kW, reception erratic in Mandalay, poor in Rangoon, and overall better in Colombo, Sri Lanka; hrd f/in 1115-1330\* (V Gouatilleke, UADX)

**CANADA** The technicians' strike at RCI Montreal ended 12/6, but not at Sackville, so as of 13/6 RCI is back on the air but only in the daytime before 2100 [or 2000?], as the xmtr plant is being operated by management personnel, only two of them, who have been working 7-day weeks; also running 250s at half-power in order to lessen the risk of breakdown, since there would be no engineers to repair. So only the Eu & Af svcs are on the air; DK Digest P will await the return of full operation (Ian McFarland on RCI 13/6 & 14/6) Am thinking of changing the name of DK Digest to 'SW Digest' or 'Communications Digest' to give it broader appeal (Ian McFarland, RNMN 5/6) As from 3/7, 'Nightfall' replaced by the NPR production of L 'Star Wars', Fri 7:30pm local on CBC Radio; but will be able to hear it on SW? (gh) 'Africa Week' selections repeated 20-31/7 at 8:04pm local on CBC Stereo (CBC Radio Guide) CFVP E 6030 audible at 0830 (S David Klein, Edison NJ, 2/6) RCI Af 1800 & 1900 on 17820 only (gh)

**CHAD** [Cf June LN-14, fuller info from same item] R Moundou uses 5 kW on 5100, 0500-0800 & 1600-?, audible all over Chad but pgm sked changes frequently; anmt: "Ici la Radiodiffusion Nationale Tchadienne, La Voix de l'Unité émettant de Moundou". FR nx generally 0545; doesn't annc fq. RNT, N'djamena ops daily 0600-2000; FR nx 0630 & 1630; annc 840, 1170, 5485, but only 840 actually obs; a third stn is R Sarh, 1 kW MW on 720 \*1700 (Albert Sommerfeld, Ouagadougou, Upper Volta, visiting Chad, WRTH NL) 5485 is not a type (Finn Krone, Denmark)

**CHINA** Jilin PBS, Changchun obs in Std Ch svc 6070 & 3310 2050-0520 & 0850-1510. Liaoning PBS, Shenyang, obs in Std Ch on 4832 2050-0100, 0300-0640, 0850-1530; Suns 2050-0210; Tues 0300-0610 (WBI 21/5) Summer fq usage as obs: Changchun, Jilin, 7090 6070 3310; Shenyang, Liaoning 4830; Hohhot, Nei Monggol (Std Ch) 9750 7300 7105 3970; (Mongolian) 9520 6974 4010 4000 (WBI 28/5) Xining, Dinghai prov svc Pgm I sked ancd 31/3 [sic--May?], 2140-0100, 0355-0630, 0955-1515; nx 2330, 1100, 1445; summary 0420; relay Peking Pgm I 2230-2300, 0000-0030, 1200-1230; on 6260 4940 3950 (WBI 11/6) R Peking Russian svc on SW; different non-synchronized xmtr sites separated by semicolons; 55 min. 0300 (2)(reversed tape) 17523 12450 11660 8260; 15600 15435 15135; 15395 11600. 0900 (1)(reversed tape) 8269 5220. 1050 (2) 11650

9480 6560 5160; 9725 7140. 1100 (2) 11650 9900; 9725 7140. 1300 (2) 6560 5145; 9725 7140. 1500 (2) 17665 11915 11650 9945 9820 9335 7820 5145; 9725 7140. 1600 (3) 17765 11915 11650 11500 9945 9820 9615 9335 7810 7025; 11625 9600; 9725 7140. 1700 (2) 11945 11915 11695 11650 11550 11500 9970 9945 9920 9020 9615 9550 9465 9380 9335 7810 7025; 9600. 1800 (2) 12120 11945 11915 11695 11650 9930 9820 9615 9550 7045 5220 5060 4735 4500 3990 3960; 9600. 1900 (2) 12120 11945 11650 9610 9550 7030; 5060 4735 3990 3960. 2000 (2) 5060 4735 3990 3960; 11945 9600 9550. 2100 (2) 12120 12080 11915 11675 11650 9930 9820 9600 7025; 9725 & 7140. 2200 (2) 12080 11675 9945 9915 9860 9335 7820; 9725 7140. 2300 (1) 9725 7140 (WBI 4/6) While still extensive, I believe this indicates a considerable reduction in frequency-hours for this service (gh) CPBS Minorities svc obs now: 2130-2225 Korean & 2230-2325 Mongolian on 8566 6430. 2330-2425 Tibetan 15670 11375 11000. 0030-0125 Uighur & 0130-0225 Kazakh 15670 11375. 0400-0455 Korean 9900 8566. 0500-0555 Mong 11375 8566. 1000-1055 Korean 9900 8566. 1100-1155 Tibetan 15670 11000. 1200-1255 Mong 8566 6430. 1300-1355 Uighur 15670 11375 11000, 1400-1455 Kazakh on same (Shigenori Aoki, Asian Broadcasting Institute 9/6) Local stn in Beihai City, Guangxi province on 8760v hrd IDing as "Beihai relay station" as it may have already last year; hrd at 1035-1330 and 2215-? (Akira Yamanaka, ABI 9/6) Ju Q Ud PBS, Nei Mongol A.R., not hrd on 7310v since early Apr (ibid.) Citing a number of unanswered reports/tapes to provincial stns, but not sending copies, I wrote to Peking asking them to contact stns w/instructions to reply. Peking took the easy way out and sent its own cards--but how can you QSL w/out reports or tapes? It cheapens the whole idea of QSLing. I had suspected Peking hadn't been paying much heed to either my reports or tapes on provincial radios, which is why I resumed writing direct to the stns (Paul Karagianis, UK, UADK)

COLOMBIA R Sutatenza Pgm I on 5095 50 kW; Pgm II on 5075 25 kW & 6075 10 kW the last not hrd. All xmtrs link every half hour for Mundonoticias; on Pgm I at 0130-0200 & 0330-0400; Pgm II 1130-1245, 1800-1845, 0100-0130. The linked service is also relayed i.a. by stns affiliated to Cadena Amarillo, Azul & Rojo [colours of the Colombia, Ecuadorian & Venezuelan flags], by R Tres Fronteras [4782], and in Ecuador by R Melodía [3370] and R Nacional Espejo [4680]

H (Ann 4/76) R Súper de Cali 10/5 2345 on 6127 ex-6120 (Zella Play-DX) harm LN-11; by INDONESIA

COMORO ISLANDS R Comores tech dir Mr Kombo Soulaïmana says they have carried out a general overhaul of CW xmtrs; now 4 kW on all SW units, contrary to WRTH. FR 7260 1030-1200, 3331 E 1700-1800; EG 3331 1600-1700 tho monitoring indicates often replaced by FR (P Bunn, RADX 24/ CONGO RIVC's recently reactivated 4764 is //15190 but does not carry EG 2145-2200, nor hrd 5) E on any fq lately; 4764 +1900-2300 or 2400\* (M Včelař & P Karagianis, QTH Africa 30/5)

COOK ISLANDS R Cook Islands' 11760 is a gift to ENAM, hrd three times in one week, 13/5 & 14/5 0906; 11/5 0901\*; they played "Lay Your Head on My Pillow" at s/off. When audio is very weak or absent, carrier is always present. 17/5 0620-0859 variable, geomagnetic storm; later days at relatively phenomenal levels, with Voices of the Pacific 0630, breaker 0650, EG nx 0655-0705 by YL, Maori nx 0705-0717 by M, to 0725 BBC pgm "Hello, Today"; always s/off w/ "Tomorrow We'll Meet Once Again" (beautiful) and sometimes w/ "LYHOMP"; when only the first is played, s/off about 0902\*; when both, 0906\*v; some German QRM from 11765 0700/0800. L Best yet 21/5 0630, EG to 0705; listened to 'Pacific Voices' 0630-0650 on role of women in P the island. This is so incredible! They'll probably get 2000 reception reports and won't be able to respond. Continues with sporadic relatively fine appearances; 5/31 0758-0902 with YL and her mx and phone-in show "Happy Time" (always in Maori); this time neither song at s/off but carrier still on at 0912; next night no shut down either and at 0925 believe I hrd a man saying Rarotonga; testing to Japan? (Maxfield Greenwood, PA) Yes, yes, RCI-11760 quite readable here too; sometimes, tho, Havana doesn't drop carrier until 0620 or so. Glad I hrd them first on tougher 5045. I wonder how many brethren have taken "many mentions of Cook Islands" as good enough for an ID. One night they played an RNZ tape with an actuality from an RCI reporter--a great RCI ID, except that it could have been heard over RNZ as well. I've also had excellent R Australia & RNZ IDs on RCI, what with all the tapes they play. Record dedd all seem to be to folks leaving or about to leave for Au or NZ à la Dostoyevsky. Gee, when I flew out here no one dedicated a record to me! (David Newkirk, AK7M, Seattle WA, 9/6) hrd for a whole week; readily accessible to Nam SWLs & DXers now: 13/5 0615-0900, 14/5 0808-0900, 15/5 0505-0535 & 0703-0900; 16/5 0600, 0700-0908; 17/5 0830-0857, 19/5 0840+, 20/5 0720+, 21/5 0820-0902\*, 23/5 0830, 24/5 0830, 25/5 0724-0900; usually SIO 222, at times 232 and once a while on good fade-ins, 333; on RF2800, 100' outside wire (Lani Pettit, IA; her pgm details appear in RLB) Presumed, 27/5 0828-0905\*, "Xanadu", s/off at 0900 w/country song "For the Good Times"; could not get ID or mention of Cook/Rarotonga (Jack Jones, MS) VG, like a local, almost S7, S8, no QRM at 0800 on 11759; Gabon-11755 earlier (Stu Klein, NJ, 2/6)

COSTA RICA R Reloj badly modulated 21/5 0610 on 5950 (Stu Klein, NJ) Turned up 22/5 on 5950 --ID 0827, very distorted audio, probably mistuned xmtr; other days audible from 0650 (Peter Bunn, ADXN) 9/6 on 6017a at 0814 ID (Jack Jones, MS) Off on a tangent again, 9/6 & 11/6 1030 on 6017, very good sig (Steven H Reinstein, FL) Back on 6006 12/6 0843 (Jack Jones, MS) The only CR 49mb stns hrd during a visit there in late Apr were 5954, 6035, 6175. Faro del Caribe 9645 ancd but not hrd; Reloj 6006 off the air. I was informed that the former director of R Noticias del Continente had emigrated to Nicaragua (Peter Newman, WDXC Contact)

CUBA RHC hrd 4/6 1822-1832 & 2104-2106 on 18750, first check in SP, second in EG, fairly H strong, unseems harmonic, so spur? Not hrd subsequently (Mike MacCollum, IN) harmonics LN-11

CYPRUS BBC EMR to get satellite feed sometime next year, improving audio (BBC Waveguide 12/ P 6) 23/5 GK lang nxpapers reported land sold to Libya for radio stn. Quoting TK-lang press, they noted that the land, at Bohaz, Famagusta, was originally granted to R Bayrak for new radio & TV xmtrs, but had been sold to Libya for \$3 million (WBI 4/6)

**DOMINICAN REPUBLIC** R Clarin is back; hrd around 0200-0300 on 11700 Wed or Thu (Rolf Gunnar, E CO, 30/5) Also on 30/5 at 2300 check, same old taped ID in EG by Espinal mentioning also 4850. Also 15/6 at 0052 check; mostly Sundays, no EG pgm noted tho Reinstein caught one in May, see Update, June FRENDEX-41 (gh) 7/6 & 8/6 2040-2450 or so, good levels, much merengue-- I love it! (Maxfield Greenwood, PA)

**ECUADOR** R Jesús del Gran Poder first hrd Sat 6/6 0031-0042 on 5050 w/out ID; again 13/6 0006 -0102\* w/2 positive IDs 0058; long pgm of religious sermons, gospel mx, poor until 0045 when ute subsided; clear ID & Ec NA to 0102, carrier 0103\*, leaving another LAm, very poor, be- H lieve Caracas mentd in ads so R Mundial (Steve Reinstein, FL) R Popular 10/5 0720 good signal on 9620, 2 x 4801 (Robert Yeo, Vic., ADKN) HCJB on 17875 ex-17885 from 9/5 (Bob Padula, E ADKN) At 0030-0200 EG to NAM (Roger Stubbe, WDXC) Eu 1700, 1900 & 2130 on 17790 again ex-17835; since 13/6 2130-2200 15305 ex-15295 (DK Party Line 15/6) Completing the wipeout of SRI 2145-2215 EG on 15305 (gh) HCJB GM staff member says the 500 kW is only being used at reduced power a few hours a day only for tests in SP; more work has to be done on the Eu and X tenna and other tech eqp (Wilbert Geiger, DDR, SCDX 14/4) On DXPL 20th anniv show 30/5, Clay P ton Howard revealed that Roger Stubbe would be taking over the pgm in about 2 months, while the Howards are on furlough in the US; ANDEK club almost to its 4000th member (including S those who are no longer members) (gh) IRCs not accepted by Ec PO (DXPL 18/6) v COLOMBIA LN-3

**EGYPT** V of the Arabs pgm on new 11810 0300-0600, strong in AR (Peter Bunn, RA DX 24/5)

**FINLAND** With the change to summer time 25/5 [sic], DS pgms are being broadcast one hour ear- T tier, also affecting DS relays on SW (WBI 4/6) Really? I thought these changes were made the last Sun in March along with most of WEU (gh) R Finland IS in new key, argmt (Sam Ward 30/5)

**FRANCE** The new Socialist govt plans an end to govt broadcasting monopoly, allowing independ- P dent stns to operate. Mitterand himself had been prosecuted for taking part in a pirate M broadcast (London Times, 16/5 via Mike Cooper, RIB) 26/5 France-Inter reported that MinCom had confirmed his intention to draft a new radio & TV bill to break links between the political authorities and the management of channels instituted by the 1974 law (WBI 28/5) F-I reports that Metz municipal council agreed to finance local stn; in Pas-de-Calais, Chit-Chat Radio, run by the General Trades Union Council (CGT) was also reported to be resuming operation 12/6 (WBI 11/6)

**GABON** Africa Number One on 11755 26/5 0655, c1 mx into applause, pop (Ralf Munster, GA) And to 2300 on 11755 (Rolf Gunnar, CO, 30/5) S/on msg given twice just before 0500 on 11755 mentioned only 4812 and 94 MHz FM; steadily on 4811, however and 11755 (gh)

**GERMANY EAST** RBI Nam svc EG 0130-0215 on new 9560 16/6; but not ancd at end of xmsn; strong E but DW & VOA QRM de 9565. DK pgm also noted at new time GMT Tue of 0155-0208, 0255-0308; at X 0230-0315, 11840 hopeless, 11975 & 11890 poor-fair (Ralf Munster, GA) RBI Nam svc 0345-0430 on 11795 & 11720, latter blocked by Moscow (Arthur Cushen, RNZ 1/6) No, it's the E&Waf svc per WBI 28/5. 9560 seems to have replaced 9730 (gh) RBI hrd irregularly on 21575 with lite mx to 0200 IS, GM ID (Cushen, RNZ 15/6)

**GREECE** VOG on new 15250 0900-0950 ANZ; EG nx 0940 (Gerhard Werdin, GFR, SCDX 17/6) Also on E 17895, in GK (Cushen, RNZ, 15/6) Newspaper Avriani reported 28/5 that per new 27/5 law, li- P censes will be issued for mobile or portable 'pirate' radios, in 3 categories by power: A= H up to 300 W, B=up to 150 W, C=up to 50 W (WBI 4/6)

**GUATEMALA** harmonic LN-11

**GUINEA** Sked from Rdif Natl in Conakry shows: 4910 6155 7125 1230-0730. 9650 1600-0730. 15310 1230-2400; however, 19m often on past 0100 and drifts as high as 15318 (Peter Bunn, RADX 24/5)

**HONDURAS** Besides pgm sked, HRVC 4820 sent a cardboard cut-out-and-assemble HRVC Bank box 5) complete with attachable antenna and slot in the top for coins (Dave Walcutt, RIB) R Luz y E' Vida, 3250 hrd 25/5 0353-0358\* w/evangelical church svc in EG & SP from HRVC giving their ID & addr, then Luz y Vida ID, 0358\* w/out anthem; big het (Chris Lobdell, MA)

**HONG KONG** [Cf May LN-5] BBC Managing Dir for XB, D.T. Mugeridge said in a 1/5 interview P that a new relay stn would be built here for BBC Chinese & World services, to improve reception in China. Chinese authorities were interested as it would help train Chinese people in EG (Bengt Ericson, Sweden, SCDX 12/5) Mugeridge said a site at Tsang Tsui was acceptable to HK authorities, but the 5 million pound cost was lacking; the HK offer was remaining open & he hoped the govt would find the money in the next few years as it would be a tragedy if BBC were to allow this opportunity to slip from their grasp (The Times via Watson & Roe, WDXC)

**ICELAND** 12175 USB hrd around 1915, nx to 1927 mx by Paul Ormandy, Oamaru (Cushen, RNZ 1/6)

**INDIA** AIR DX pgm hrd 4th Mon 1040 on 15205 15285 15350 17373 17875 21695, all F-G. Not much X of a pgm but good enough and nice to have one from India; abt pgm planning & fqs by an AIR engr and answers to listeners questions (Victor Goonetilleke, Sri Lanka, UADX May)

**INDONESIA** 6207, RRI Serui, \*0900-1400\*, \*2100-2130, no longer RRI Biak whose xmtr must have been shipped to Serui! (Down Under DX Survey) Fine Tuning attempted to suppress this news; I would have run it last month but overlooked it in the mass of Indo data in DUDXS (gh) RRI Samarinda noted on 6127, 1100-1334\*, strong but Ecuador & Laos 6130 QRM (Peter Bunn, RADX 24/5) Note COLOMBIA also here, LN-3

**INTERNATIONAL WATERS** [Cf Apr LN-15] Latest reports from NY say the return of R Caroline was P delayed; offshore radio is littered with broken dreams and hoaxes but I believe the inten- M tions here are genuine. At V of Peace there are no plans for SW, and TV postponed due to an tenna mast problems. Chris Greenway, who just returned from a 6-month stint on the VOP says some of the info in WRTH 81 (which we received on VOP letter paper from a former staff member) was incorrect (Andy Sennitt, DSWCI SWN May)

**IRAN** VOIRI ES on SW: 0330-1330 AR 15315 (to 1300), 7215. 1315-1415 UD 11735. 1330-1730 AR 11735 (from 1530), 7230/7215. 1415-1515 Pashto 11735. 1515-1615 RS 11930. 1730-1800 GM on E 9022. 1730-2030 AR 11735. 1800-1830 FR 9022. 1830-1930 TK 11930 9022. 1930-2030 EG 9022.

2030-0230 Persian "Familiar Voice" (Seday-e Ashna) Eu/NaF/NAM incl Arabic 2230-2315: 15084 9022 (11930 to 2130), (9765 from 2130) (3779 to 2130?) (WBI 28/5 & 11/6) Usual summer change to 1730 ex-15260 0630-1430 apx in the DS (WBI 11/6)

**IRAQ** Baghdad's new 21585 fq on air from apx 0530 to at least 2000 w/V of Masses pgm except 1800 Palestine pgm, but as I write 22/5, not audible, and not due to condx (Noel Green, UK)

**E VOM** pgm w/EG ID 17/5 2310-2329 on 21585, also gave addr as V of Masses, Baghdad Broadcasting Station, Iraq (Richard A D'Angelo, PA, 25/5) 21585 weak in EG at 0300; VG at 2030 while SRI off (Andy Newton, GA, 13/6) EG to NAM 0300-0400 on 21585 but announcing 11925 (Cushen, NZ, RNZ 1/6) EG Ams 0300-0400 unconfirmed (WBI 28/5)

**IRELAND** R Dublin still hrd daily on 6910 booming sigs; hard to believe it's Euro, hrd 1/6 with a golden oldies pgm (Arthur Bodek, Cedarhurst NY) When?

**ISRAEL** 18/5 IBA ancd that its management committee had decided to close down the radio stn in Jerusalem, following failure of attempts to resolve labour dispute with radio sound engineers there; it was hoped to continue from Tel Aviv studios; 19/5 newscasts started with anmt "V of Israel" omitting "from Jerusalem" (WBI 21/5) Full BCing resumed 0600 31/5, per 1/6 Jer Post, following signing of arbitration agreement between mgt and Jer radio techs. The techs began disrupting BCs in early May in pursuit of their wage demands. In retaliation, the BC authority closed down Jerusalem stn 12/5, continuing limited BCs from Tel Aviv. Also, the techs recently lost a court action seeking payment of wages while they were unable to work in Jer (WBI 4/6) The SSTV test could therefore not be run as sked 24/5, but will be tried in 5 or 6 weeks--not a monster show as planned due to low contrast of originals, but the best ever SSTV xmsn. Overhaul of one downed xmtr concluded 16/6; now another is off until 11/7: 0500 15582, 1200 15405, 2000 21495, 2230 11637 (IBA DX Corner 15/6, also via Joe Hanlon) Galei Zahal apparently pops up irregularly, last hrd 23/5 0345 on 14728 (Ralf Munster, GA) Galei Tsahal (גלי צה"ל) hrd 1/6 0319-0402+ w/pgm for Jerusalem Day; 2/6 0214, 0500 both on 14728; also 9/6 0045, 0149, 0316 on 18128; 22660 at 0146, off by 0316 but back on at 1223 (Ricky Stein, No Brunswick NJ) Audible daily on 14728; at top of each hour there is a KolYisrael ID and KY news, except 0000-0300 when KY HB svc is off. At these times, CZ's own nx is broadcast; "Galei Zahal" IDs are not given on the hour, but can be hrd infrequently between pgms; sig varies but usually around SIO 344 (Arthur Bodek, Cedarhurst NY) IBA DirGen P Yosef Lapid says they plan to go over completely to colour TV during 1982 (WBI 28/5)

**KASHMIR AZAD** The 3665 xmtr, hrd // 4980 & 1510 is obviously the old one in Mussaferabad itself, probably reactivated, hrd again 27/5, just above the QRN on good days; but later hrd on 3662 with different svc than 4980 from tune in at 1700 to 1745 when R Pak nx in Urdu (Victor Goonettilleke, Sri Lanka, UADX May)

**KIRIBATI** 16432 LSB 26/5 0610-0805, w/ BBC and local pgms; missing 27/5, 433 on 28/5 (Maxfield Greenwood, PA) R Kiribati hrd 30/5 on 16432 LSB 0558-0704 f/out, comedy pgm to 0628, local talk, ID, 0630-0656 another comedy pgm; 0700 pips, BBC nx; moderate ute QRM. I doubt this will be considered "SWBC" (Scott McLellan, MI) 31/5 BBC play "Rebecca" to 0630, 16433 USB (Andy Newton, GA) Kiribati audible nightly here; reported since if it is decided this is SWBC, a QSL might come in handy, but it seems they will probably be excluded because this is a PTP relay, right? Gilbert Is were named for Capt Thomas Gilbert (Jim Davis, CA) Why would a QSL from a Kiribati ute stn be any less interesting? (gh) Sometimes RTTY on 16431 not on, Sun holidays? Fine level 14/6 433+ on LSB; seems they have stacks of BBC play tapes. Still trying to figure out why I can listen to Kiribati pgms, fine island mx, local mx 0710, yet per NASWA I haven't heard a countable country--but if I hear a lady on VVVVH tell me the time it counts as a country! Come on, now! They do ID at times, distinctly as "Keer-ee-patty" where there is also reference to Tarawa, but another ancr says "Keel-but" (or maybe "kee-bas"); don't think it's a bastardization of "Gilbert", probably two different words (Greenwood, PA) Will be replaced by a 100 kW xmtr as soon as spares arrive from USA; is on Betio island, fed from a rx tuned to 846; relay on Xmas is on "270m" now but will be returned to 846, per mgr of R Kiribati (Martin Hadlow, Solomons, WRTH-NL) Surely 10 kW, not 100 (gh)

**KOREA NORTH** Have been researching the long-established but rarely reported xmsn on 5870 and weaker // 4770. \*1358 carrier, 1400-1402 R Pyongyang IS, massive natl anthem for about six L mins, then lady in KR. A Korean compatriot at work tells me she begins with a general-purpose USA denunciation, etc., then times and dates of various political meetings. For the rest of the time, she reads 4 to 6 digit numbers, given as large numbers rather than single digits. He was an MP in S Korea and strongly suspects codes. He says it's quite similar to the junk each side beams to the other via loudspeakers across the border daily. We both suspect it's beamed both to NK agents in the south and everyday Joes who happen to tune in, tho the Am denunciations may be the more Orwellian "three minutes' hate". Xmsn length varies 12-32 mins; in the shorter ones, the danged NA is the bulk of the pgm! First hrd here in late 1978 (David Newkirk, AK7M, Seattle WA) Since 18/5, Pyongyang on new monitored sked, EG: 0600-0750 11945 9420, 0800-0950 11780 9977 3560, 1100-1250 9977, 1300-1450 9977, 1500-1650 11885 9977 4405, 1700-1850 same, 2000-2150 9420 6576 3560, 2300-2450 9977 (NDXC via ADXN) SP to IAm 1100-1250 on new 2555 over VOA 23/5, beware E1 Salv chasers (Bunn, ADXN)

**KOREA SOUTH** R Korea revised EG sked as of 6/6 [anmt] and sked arriving 13/6: 0230 9640 E 11810 15575. 0530 9870 11810 15575. 1000 9570 9870 11725 15575. 1230 9570 11830. 1300 6135. 1600 7550 9720 9870 11830. 1900 6480. 2130 15375 15575. One hour except 1300 is half hour (Bill Matthews, Columbus OH)

**KUWAIT** Due to Ramadan, R Kuwait sked changes to \*0430-1915\*, 2/7 - 31/7 (Sennitt, RNMN 18/6)

**E LEBANON** R Lebanon EG 0230-0300 to Nam on 11790, mixed with AFRTS (Bunn & Padula, ADXN) 17/5

**LESOTHO** R Lara has been conveniently s/off at 0357, giving Lesotho a clear 4800 channel for its s/on; did note anthem at 0359 12/6, but not enough for a 'catch' (Maxfield Greenwood PA)

Tests of BBC Lesotho relay continue but some fq changes: afternoon GMT a few days on 9610 in stead of 9600, but since back to original fq. Latest monitored sked is: 0400-0530 9535, 0600-0730 11710, but at least once past 0800; 0930-1330 15140, 1330-1630 9600, 1645-2030 on 6130 having left Lusaka's 7250 (QTH Africa 20/5)

**MALAGASY** R Malagasy, 3288, 13/5 0305 tune in to 0319 f/out, lousy sig but positive it was them; M & W, ID hrd faintly, in FR. Very brief window has opened and will be closed by end of August, theoretically, if their \*0300 remains constant; noted again 0300-0320f; at night, lowband Af prop to ENAm has been pitiful; this should break thru fair-to-good given a decent opening (Maxfield Greenwood, PA)

**MALAYSIA** V of Malaysia EG 0750 f/in to 0855\*, 100% readability 29/5 when first hrd, and last rate pgms; BM \*0900 also excellent, ECSSB helps; fqs and are 6175 15295 9750, so 6175 in, 12350 out (Maxfield Greenwood, PA) Few stns are candid enough to announce their harmonics, and since prop on 12 Mhz is far more likely than 6, w/BBC overlap to boot, 12350 stays in (gh) VOM 15295 still audible around 0800, but now RMWS here also. Once again the ill-mannered, ruthless 3: VOA, RMWS & DW, have ruined my DXing/SWling pleasure. They are coming close to making this hobby pointless--these boorish frequency gluttons (Greenwood) R Malaysia, K.L. testing high power, very strong on 11700 0830-1100, anmts in BM & pop mx, 9/5

**E** (Peter Bunn & Bob Padula, ADXN) R Malaysia Kuching, Sarawak EG 1400-1500 audible on 7160 w/ much better signals than 4950 except for ham QRM; EG nx also at 1200; nx, commentary, KL

**Klipup**, govt proceedings in the 1400-1500 BC (William Dang, Alta, JY RIB)

**MALDIVES** Cf May LN-7] 4754 hrd at 1615 with lite mx, 1700 nx, 1730\* (Paul Ormandy, NZ, via Casbert, RNZ 1/6) QSL from V of Maldives lists 4754 as 1 1/2 kW, not 7 as in WRTH. 9550 sked 0030-0315(Fri 0500 -Goonetilleke), 0800-0930, 1200-1730 but failed to say whether both SW outlets used for all xmsns (Paul Karagianis, UK, UADX) 0800-0930 used 9552 and other two on E 4754. No EG nx at 0800 but has EG lang lessons to 0830. EG nx 1300 after 3 time pips. Modulation now better and 4754 which was rather erratic in Apr seems to have steadied--no xmsn breaks now (G. Victor A. Goonetilleke, Sri Lanka, UADX May) /on 11960

**MALI** Famao \*0715 Sun w/9-minute anthem, then FR opening ID 0724 17/5, strong (Bunn, ADXN)

**MARTINIQUE** 9/4 1136 on 3315 had FR spkr w/US pops, Carib tunes, sound efex, tent Fort-de-France IDs; tent report send and "QSL" rxd, regular FR3 Mart card from P.A. Salaun, verify-Q ing reception but no mention whatsoever of SW, just AM, FM, TV. Suspect card was sent just for the hell of it (Chris Leithner, Brentwood TN, 30/5)

**MEXICO** Cedric Marshall hrd \*0230 on 9710, fairly good past 0330 30/5 (Steve Webster Ont)

**MEXICO** [Cf Aug LN-9] On 20/4 I wrote to R Mexico Intl requesting additional info on the P BECOME item about the supposed new xmtr site at Oxaltepec; on 11/6 I received a reply from them: (Horecio Hinojosa Arce, Monterrey) We must tell you that the BECOME item is totally false; since it's a universally recognized publication we would certainly like to find out about this (Jorge Haro Romero, XERX Jefe, 15/5) The item was 'monitored overseas', which probably means by the FEIS; meanwhile, however, another report about this has appeared, this time originating in F Germany, cf June LN-7. Maybe diplomats omitted telling RMI?(gh) K Universidad, XEUN on 9600 has new addr: Adolfo Prieto 133, Colonia Valle, México 12, DF. Dir.Tec: Ing. Santiago Avalos Zavala ('MvA', SWB, June WDXC)

**MONACO** Revised J81 TWR EG sked: 0625-0755 & 0930-0945 daily, 0800-0930 Sun, all on 9495; DX X pgm 0745-0800 9665, 1400-1415 9670, 3rd Sats (Bob Padula, June ADXN)

**MONGOLIA** Strong signal \*1100 in Chinese on 12070, think Mongolia, but not positive (Maxfield E Greenwood, PA) RUE still on 12070 & 6383 at EG 1220 exc Sun (Rolf Gunnar, CO, 30/5)

**MOROCCO** On RN 'Media Network', 15335 & 9540 were given as Rabat QTH; as I read WRTH, I can't find any Rabat QTHs on SW; who's right? I do, from this winter, have a Rabat QTH ID, on 6190 but that's not listed at all; but per WRTH, 9540 is Tangier (Maxfield Greenwood) The ID will certainly mention Rabat as the studio location (gh) Sked from RTM Rabat on SW: 1000-0100 CEU/Waf 15335 100 kW. 1000-1800 15360; 1800-2200 9540; 2200-2400 6095, all to WEu/Sahara/Mauritania/Waf, 50 kW. 1100-2200 21730 & 2200-0100 both to ME & Naf via 50 kW. RTM currently uses one 100 kW and two 50s, with all SW xmtrs at Tangier (Peter Bunn, RA DX 31/5)

**MOZAMBIQUE** Maputo interprov pgm not hrd on 9435 during past week, maybe was spur from 9541; but another OOB noted on this pgm at 1800-2200, possibly spur but very strong, 3850 (QTH Africa 20/5) R Mozambique, Beira provincial back on 6025 from 6087; local days, Pgm-I. Pgm-II on 9637 at same time; corresponding nite fqs are 3282 & 3371; but 4987 sometimes used instead of 3282; 2000\* and all fqs drift (QTH Africa 30/5)

**NEPAL** R Nepal now using 17800 during all 3 SW xmsns: 0020-0350 also on 3425 9590; 0720-1020 9590, 1150-1720 3425 & 9590 (Mohini Sheperd, CSDX 26/5) Occlly audible on 9589 1550-1720\* (Paul Karagianis, UK, ibid)

**NETHERLANDS** RN's DX specials to Asia have become more or less a monthly feature now, next X one Thu 25/7 (Victor Goonetilleke, UADX) On the 1430 xmsn only, 21480 15560 11735 (gh)

**NETH ANTILLES** TWR Bonaire 0400-0600 hrd 1/6 on 9700 instead of 9755, after hearing 9700 and E on // 800 (Raymond Berry, Houston TX) Yes, J81 sked as of 21/5 just in shows that change and P time as 0345-0600; also on 11755 at 0045-0130, confirmed, and hours for only other EG, on H 11815 as 1100-1300(Sat & Sun 1330), and these changes tentatively to continue S81 (gh) LN-11

**NEW ZEALAND** NZ Ceiling missing at 0315 18/5 on 17860 (Joe Hanlon, RIB) Another reporter, X whose item I have misplaced said it came on late, around 0325, 0330, I think (gh)

**NICARAGUA** R Sandino reported 13/5 that the govt had established CORADEP (Corporación de Radiodifusión del Pueblo), to be in charge of the admn of all publicly-owned radio-broadcasting enterprises (WBI 21/5) One stn destroyed during revolution is to reopen at end of June, P per news agency la Prensa--Radio Mi Preferida had raised 300 kilocórdobas from public donation; would be pluralist; Radio Amor already back on the air (WBI 11/6) v COSTA RICA LN-3

**NIGERIA** VON full sked for EG as in pgm guide for first quarter of 1981 which arrived in late E May: Waf on 7255: 0500-0600, 0800-0900, 0900-1700, 1900-2030. C&Saf on 11770: 1500-1600 & 1700-2100. Naf & Overseas on 17800 15120: 0600-0800, 0830-1000, 1800-1900, 2100-2200. And new xmsns to: Nam 1010-1200, Caribbean 1210-1400, Australia 1410-1530, India 1540-1700, all on 15120 (gh) also hrd testing to Waf at 0600 on 11770, asking for reports (Rolf Gunnar, 18/6)

**OMAN** Besides Cyprus, BBC Masirah also to get satellite feed by mid-1982, via Indian Ocean

**P INTELSTAT** agency (BBC staff journal 'Ariel' via Gordon Darling, UADK) How much longer we have to put up with crummy offair audio via Ascension & Antigua? (gh)

**PAKISTAN** Complete J81 R Pak sked: 0045-0230 WS (SEAs) 17835 21590. 0100-0245 Bangla 15420 E 17895. 0230-0245 EG SEAs 17835 21590 21755. 0330-0415 Irani 17665 17910. 0300-0345 SH & 0345-0430 GJ 17640 21485. 0445-0700 WS ME/Gulf 17665 17910 21475. 0515-0615 AR 15325 17640 21730. 0700-0745 Turki 11885 15325. 0715-1100 WS UK 17665 21785. 0800-0900 HD & 0915-0945 TM 15325 17640. 1000-1045 IN 17640 21755. 1100-1115 EG EU 17665 21785. 1100-1200 BM 17640 21755. 1215-1315 AR 18910 [sic-17910?] 21485 21755. 1230-1445 Bangla 17665 21635. 1330-1600 WS Gulf/ME & 1600-1615 EG ME 17640 21485 21755. 1630-1730 TK 17620 21765. 1700-1745 Irani 9805 12015. 1645-1915 WS UK 11670 15495. 1800-1900 Islamabad pgm for Gulf/ME 17660. 1915-2015 FR 15505 17660 (Bob Padula, ADKN) EG 29/5 1700-1745 fair on 15500 ex-15495 (Alan Roe, WDXC) QSL from PBC Peshawar says 5730 is allocated fq, but this 10 kW AWA xmtr is very old and sometimes deviates (hrd on 5738) and sometimes they shift deliberately when USSR dig turba a few kHz up or down. Is Dari svc for Afghanistan, therefore USSR always try to jam it; 1600-1800 (Mike Barraclough, WDXC) QSL letter was from Eng. Yar Mohamed Khan. Peshawar was on 5710-50 before Kabul moved in, and then Mayak also came in; Pak keeps moving, cat & mouse game; can't understand why USSR should jam this 10 kW and leave the 100 kW free. Man-ohar reports Peshawar on 5750 now; 18h later I hear it on 5742 (Goonetilleke, UADK May) 6/6 obs show new fqs for 1600-1800 Dari continue drifting widely; 5091.5 now on 5095 after a spell on 5093; 5751½ has drifted up from 5739 (WBI 11/6)

**PAPUA NEW GUINEA** Surprised to hear R East Sepik, Wewak 16/6 1015-1040 fade on 3335. Very gd E clear sig at t/in, long talk in Pidgin, local mx, TC & ID in EG 1024, 1030; the only non-Iam stn audible on 90m at this time! (Steve Reinstein, FL) One of R Northern's "leading personalities", per stn mgr A. Nase, is Mrs Harai Navuru, who hosts part of evening pgm at 1645- P 2303 AET. [Cf Apr 1980 LN-11] Note from J Malisa, prov stn mgr at Kavieng says work has begun on plans to broadcast on a new fq, unknown as yet; a different proposal from MW (Chris Leithner, Brentwood TN, 30/5) PERU New stns in Cajamarca on 5620, 7620 (CDXAC via WRTH-LA)

**PARAGUAY** [Cf May LN-14] Yes, should have been 23829 (D J Bedendo, WDXC) Good lately on 11913.8 from as early as 2200, R Nacional (Mike Barraclough, UK, WDXC Contact June) /+above

**PERU** R Nac del Perú, Lima hrd on 9562 1100-1215, fair, VOA 9565 QRM, apparently reactivated after some years silence (Peter Bunn, Melbourne, RA DX 24/5) R San Martín, 4810, 0925-0945, great sig, nice blend of huaynos, campesino & just plain old Lam pops; many ments of Tarapoto & San Martín in local ads, TCs late by a sesquiminate (Steve Reinstein, FL, 16/6) R Tawantinsuyo, 6175 adstring 28/5 1026-1031 ID, strong, best ever. R Cusco, 6195, 28/5 1035 Indian lang, peruvian mx, TCs, het. R El Sol, 5970, 28/5 1049 typical mx, ads, alternate talk by man and delightful husky-voiced woman (Jack Jones, MS) R Quillabamba, VG in Eu now on reactivated 5025.0 & stn is nice to DXers (Finn Krone, Denmark, 11/6) R América, Lima, 6011, 19/5 0015, fair (Giuseppe Zella, Italy, Play-DX) [Cf June LN-8] Rdf del Centro, ex-LV del Valle del Mantaro, 12/4 0450, s/off on 3386 (Emilio Pedro Povrženec, Argentina, WDXC)

**PHILIPPINES** RVA new sked: 0000-0400 17780, 0130-0400 15215, 0925-1530 9535, 1300-1530 11955, 1535-1605 15335 15285 11820, rest same (Alok Das Gupta, India, ADKN June) 9535 ex 9605 due Japan; 15215 ex-15320 and is 100 kW, diff xmtr than used on fq at 0930-1530, 50 kW. 15300 0000-0400 50 kW ex-15280 but will move back to established 15285 from 19/5. 17785 ex-17705 due to RFE & jammers, but USSR on 17785 so move again 19/5 to 17780 (Victor Goonetilleke, E Sri Lanka, ADKN June) FEBC now on 15305 2345-0200 ex-15310; EG 2330-0500 15450 (Gupta, ibid)

**E POLAND** R Polonia ES in EG at 2000-2030 to Af, re-add 7145, rest same [cf Feb LN-10] (WBI 21/5)

**PORTUGAL** Maxfield Greenwood has been in the tropical bands so long, he's rusty with these high-banders--what's the PT stn #1957 w/unknown IS, NA 2000, good signal to 2450 when Vatican buries it, 26/5 (Greenwood) Well, I've hrd R. Portugal here with new IS & old NA (gh)

**QATAR** QBS testing HS relay on 15315 ID 0245 25/5 & 4/6 (Victor Goonetilleke, Sri Lanka, UADK)

**ROMANIA** R Bucharest on new 15380 to Nam 0400 (Rolf Gunnar, CO, 30/5) Yes, and at 0200 also, E announcing // 11940 11840 11725 9570 5990, new 11725 also hrd (gh) This fq conservative stn now OOB, 11610 Pt to Eu 2130-2155 2/5 ex-11940 (Bob Padula, ADKN) EG 1500 on new 17720 // 15335 12/5 (Wendy Chan, Singapore, ADKN) Romanian svc to seamen on Suns only, 0815-0915 Naf, hrd 10/5 on 17730 as USSR has moved off; rarely hrd (Padula, ADKN)

**SAIPAN** I think FEBC have removed some Philippines xmtrs to Saipan, resulting in lull at Philippines (Victor Goonetilleke, UADK) I.e., some missing fqs & xmsns (gh)

**SA'UDI ARABIA** Koran pgm obs on 21620 ex-21495 (Noel R Green, Blackpool UK, 22/5)

**SENEGAL** Nothing, nada, zilch, cero on all fqs at 0600 & 0700, 15/6-17/6, not even carrier whistle on clear 4890; I have checked this for many months and not a sign, except once, last week in May an unID AR on 11895 circa [22307 illegible]. So I have major doubts about this one back on SW, though it might have been briefly [Cf June LN-9] (Maxfield Greenwood, PA)

**SEYCHELLES** FEBE started J81 on 15160 but due to jammer underneath moved back to 15170 from 14/5 at 0700-0745. Also OOB 15450 1245-1600 but rarely audible due to weak signal and jammer south from 15445 (Victor Goonetilleke, Sri Lanka, ADKN) 15170 xmsn is EG (gh)

**E SOUTHERN AFRICA** R RSA adding 100 kW xmtr to Nam 0200-0300 on 3980, and 500 kW on 9615 (Dave E Walcutt, TX, 3/6) Confirmed per 4/6 amnt, but 3980 inaudible (gh) Sam svc did start 1/6, 2157-2257 PT, 2257-2457 SP on 11900 9585 5980, but beams differ (QTH Africa 30/5)

**SPAIN** Ambrosio Wang An-Po, REE DX Editor says no cuts are planned for EG section (Larry Shew P chuk, Edmonton, May CANDX via RIB) REE Director says it has not yet been decided whether to E maintain or suppress EG, and the matter is not in his hands (Andrew Kramer, VA, SPEEDX via RIB) On 14/6 SFR read a letter from a concerned listener who heard rumors that SFR English service would soon be dropped. The unknown anc's reply: Due to financial problems around Christmas things did look uncertain but for now it looks like we'll stay on the air. They mentioned that a little over 100 listeners wrote in concerned about the fate of the EG svc (Charley Hoffman, Manheim PA) REE has an expl BC to C&NAM on 15125 in SP 2045-2330 Mon-Sat; reports are wanted, to: RIVE Departamento de Frecuencias, Servicio de Transmisores de Ondas Cortas, Paseo de la Castellana 83-85, 3ª, Madrid 16 (Bob Padula, ADRXN June)

**SRI LANKA** Further RMI DX pgm topics: 12/7 Midway Is, Australia MW; 19/7 Burma mystery solved, X ASWP; 26/7 Laughing Maldiva stn, tall towers; 2/8 VOA Antigua, RCI. The new tuning signal instrument is English Handbells--all one identified it correctly (Adrian Peterson, RMI, RIB)

**SWAZILAND** [Cf June LN-9] TWR fq change from 11740 to 11840 incl EG 1600-1700(Sun 1530-). E Swaziland Commercial R resumed 4980 from 1800, previously only on 6155 & 7105 then (Qaf 20/5)

**SWEDEN** Since 27/5, EG at 1600 on 17840 ex-17845 (SCDX 2/6) Varberg xmtr now used for addl E BCs on 17810 SSB, 2100-0530, including ES from R Sweden 2200-0330; at other times it's a HS relay in SD, bearing 0° (Shigenori Aoki, via NDXC, June ADRXN)

**SWITZERLAND** SRI daytime xmsns, formerly well heard in ENAM, now are getting trampled by QRM-E -1315, 21570 has Russian and jamming, ditto at 1530 so try 17830/17850 instead; 1815, 21570 is still AFRSTed, try same two 16m; 2145, Baghdad on 21585, HCJB on 15305, again try 16m. L New weekend pgms for J81 include 'Great Saturday Grapevine', listener participation inviting tapes, 1st & 3rd weeks; Sun: first, 'Swiss Folk Music Live' (gh, July RIB)

**SYRIA** Any news on this country being back on SW, anyone? (Maxfield Greenwood, PA) CH fever...

**TAIWAN** VOFC J81 EG: 0100-0200 ANZ 17830, NAM 11825 15345; 0300-0350 ANZ 17830, NAM 11825

E 15270 15345, 2140-2240 ANZ 17890 9685 11825 15270 (Stig Hartvig Nielsen, June DDXLK DX-Fokus) VOFC \*2030 EG Eu/Af on 9610 (Arthur Cushen, RNZ 15/6) Retimed so it no longer overlaps the 2140 EG; sensible (gh) 2030-2130 Af/ME/Eu on 9610 9765 11860 15225 17720; 2140-2240, 0100-0200 & 0300-0350 ANZ on 17890 [sic]; to NAM 2140-2240 9685 11825 15210 [sic], 0100-0200 11825 15345, 0300-0350 11825 15270 15345 (WRTH Newsletter) Take your pick...

**THAILAND** [Cf June LN-10] R Thailand ES new sked, all on 11905 50 kW, 9655 100 kW, 927 10 kW: E 2330-0200 EG, 0415-0430 mx, 0430-0500 FR, 0500-0600 EG, 0915-1000 Laotian, 1000-1030 Std Ch, 1030-1100 TI, 1100-1130 VT, 1130-1235 EG, 1235-1310 KM, 1310-1400 ML, 1400-1425 JP, 1425-1500 BM; also on 97 MHz which along with MW are intended for domestic listeners; IFRB THFBS for J81 show 11905 & 9655 beamed to SEAs & ENAM (WBI 21/5)

**TURKEY** [Cf May LN-9] New address for TRT: Türkiye' nin Sesi Radyosu, Posta Kutusu 333, Yenigehir, Ankara; also running Atatürk anniversary essay contest w/ trips to Turkey prizes (Roy land F Archer, NC, July RIB) Turkish svc sked to July first: 0400-0700 7115 7215 11735, 0700-1000 11955 15125, 0700-1600 15220, 1000-1200 9560, 1000-1600 11955, 1600-2200 7215 11895 (WRTH NL) I heard 11955 on until 2200 w/Turkish svc, so it's on past 1600; wish they'd leave it on for EG at 2200, but alas they don't (Rolf Gunnar, CO) Maybe VOT new fq sked 1/7 (gh)

**UGANDA** R Uganda HS hrd daytime GMT on 9730 irregular instead of ES pgms, but from apx 1530, HS in EG & from 1720 SH now on 6030, another extl svc fq, 2100\*, strong sig indicates 250 kW Soroti (QTH Africa 20/5) HS still hrd on 4976, also 9730 to 1500 when 6030 takes over (WBI 21/5) 3/6 0800 DS on 9730 and that the fq would resume ES funxions; last hrd in 1979 w/FR, AR & EG 1900-2100. Other former ES fqs 6030 & 4976 continue with DS (WBI 11/6)

**U S S R** Moscow NAM svc to east coast monitored fqs (including feeders and others not announced & seldom hrd here): 2200-2300 SSB-16193 15455 15135 11960 11920 11780 11770 11750 11720 7380. 2300-2400 17820 17790 SSB-16193 15455 12040 12030=from 2330 11960 11920 11780 11770 11750 11720 11710 SSB-10120 7320. 0000-0100 17850 17820 15455 SSB-16193 12040=to 0030 12030 11960 11920 11845 11770 11750 11720 11710 SSB-10120 9800 9665=from 0030 9600 7380 7320 0100-0200 21660 17880 17850 17840 17820 17790 17735 17700 SSB-16193 15425 12030 11960 11920 11780 11770 11750 11720 11710 SSB-10120 9700=from 0130 9665 9600 7380 7320. 0200-0300 21660 17850 17840 17820 17790 17700 SSB-16193 15425 12030 11960 11920 11770 11750 11720 11710 9700 9665 9640 9600 7380 7320. West Coast 0300-0700: 17845=to 0600 17700 SSB-16193 15425 15245 15180 15100 15080=from 0430 15065=from 0530 12050 9635 (WBI 11/6) R Kiev: EG Eu 1900-1930 11880 9560. NAM 2330-2400 17870 17845 15180 12060 11735 11690 9800; 0200-0230 17870 17845 15515 15180 12060 11790 11735 9800. R Vilnius EG Ams 2200-2230 17870 17845 15180 12060 11735 11690 9800. R Yerevan EG Ams 0255-0300 [sic, actually varies around 0252-0258] 17870 17845 15515 15180. R Stn Soviet Belorussia, Minsk via R Moscow facilities, in Belorussian to Eu 1700-1730 11820 7420, 2030-2100 11870 6175 (WBI 4/6) R Minsk advises this sked: 1700 as above but 2030-2059 on 6020 7340 11870 (Bill Matthews, OH) R Kiev on 15515 to NAM 0230\*, and as 15100 (Robin Harwood, Tasmania, ADRXN) [Cf June LN-11] The Russian satellite on about V 720 MHz UHF [TV] has been received in RSA with fair quality using home-built eq; same applies to earlier USA/India tests few years back on about 860 MHz (Miki Včelař, Pretoria)

**U A E** Dubai Radio ES sked effective 30/5: Eu 0615-1100 21640 21700, 1000-2050 21625, 1115-1700 21695, 1115-1800 21655, 1715-2050 15320. EAF 1815-2050 17865. Naf 0615-1100 21640. L NAM 0230-0400 15320 17775. FE 0415-0600 17775 17810 21700. India & Pak 0230-0400 11940, E 0415-0600 11940 17775. 45 min EG pgm of world mx, lite mx, talks on Arab world, history & Q culture at 0330, 0515, 1015, 1615; reports welcome and we QSL 100% (via George J Munz, NJ) Nevertheless, 0330 xmsn noted closing as usual around 0400. Tnx also to Fabio Borborini for an earlier sked (gh) So EG 1610 hrd on 21625 21655 21700 (Andy Newton, CA, 30/5)

**X U K O G B A N I** Signs point to a new BBCWS DX pgm in the works, entirely different from WRC P & with different people (Roger Peterson, July RIB) BBC WS/FR ISB feeder 0528 31/5 7973 (gh)

UNITED NATIONS UN Radio J81 EG sked (M=Monrovia, G=Greenville, T=Tangier, P=Poros, D=Delano)  
 E Fri: 1830-1837 Af 15300T 17740G 187824G-SSB 21670G, 1900-1945 Af 15300T 21670G, 2215-2230  
 Brazil [ha! it's the Caribbean magazine] 11920G 15240G. Sat: 0230-0245 Af 15240M 6035M.  
 0645-0700 Af 11735G 15120G. 0707-0715 11735G 15120G. 0737-0745 SEU/ME 15195T 17815T; 15120G  
 11735G Af. 0800-0815 Af 15235M 17860M 15120G 11735G, 0900-0930 As 9350D-SSB 9565D 15250P  
 (via R Stein, June SPEEDX)

U S A VOA Lm svc 0000-0300 seems to have replaced clear 11895 by OOB 11663 (D J Bedendo, Argentina, WWDKX June) AFRTS hrd on 16046 4/6 LSB, weak 1856-1903 half second behind 15345, also hrd several times since; from that base in Germany or something else? (Mike MacCollum, IN) KGEI now on 9585 for As svc, 1100 RS, 1300 CH, 1400-1500 UP (Peter Bunn, RA DX 31/5) Ought to be further from R Australia 9580 (gh) WWV at 1018 13/6 had no prop forecast, nor at 1918; worried they were dropped, I called stn at 303-484-2372; engr said was aware of problem: cart machine was malfunctioning, but again A-OK a few hours later. You'd think they'd have a backup unit available? (Charley Hoffman, PA) 'World of Radio' DX program by gh re-X scheduled as of June on UT Radio, WUOT 91.9 FM, 100 kW, Knoxville & satellite WUTC 88.1 FM, H 50 kW Chattanooga, to: Thu 2300-2330 (7 pm local) (gh) harmonic, LN-11

UPPER VOLTA Our man in Ouagadougou, Albert Sommerfeld, reports that 9515 is definitely active and the stn is planning an extl svc (Finn Krone, Denmark) Maxfield Greenwood will be glad to hear this; the ES will be for emigrants in Ivory Coast, etc (Andy Sennitt RNMM 18/6)  
URUGUAY For R Carve, 6155, one must use ECUSB to escape het from Brazil's R Cultura da Bahia on 6154, 28/5 2330-2405, 333; on 22/5 hrd only Bahia 2250-2340, well past listed 2000\*. On 11835, El Espectador, burying 4VEH 1000, then after 1018 4VEH burying Uruguay, a classic flip-flop (Maxfield Greenwood, Devon PA) 31/5 RA DX)

VIETNAM Lai Chau stabilised on 6920, \*1145; Hoang Lien Son \*1200 daily on 6634 (Peter Bunn, YEMEN SOUTHEAST Aden on 6005 ex 7190, // 11770 both G in AR 1500-1800+, since early May, and still 16/5; this fq used to carry clandestine V of Freedom from N Yemen (Victor Goonetilleke ADXN) Koran 2155, 2200\* ID & anthem 17/5 (Padula, ADXN) & 2200\* 23/5, previously used around 1500 only, for Aden's HS plus clandestine pgm for N Yemen (Peter Bunn, ADXN) Since 5/5 on 6005; was used 3/79-8/80 by Dem Nat'l Front R of the Yemen Arab Rep, hostile to NYem govt (WBI 21/5) WRTH list 5060 but I am quite sure it is not used 1100-2200 (Goonetilleke, UADX)

YUGOSLAVIA Tanjug nx agency reported 27/5 an agmt signed that day between R Yugoslavia and P the Swiss-German firm Brown Boveri, for purchase of four xmtrs, ant system, auto handling & control eqp for SW xmsn centre, ensuring audibility up to 6000 km [that's 6 Mm -gh] away, expected to be opnl by 1984 (WBI 4/6)

ZAIRE La Voix du Zaire reactivated 2nd 19m outlet 15350, now probably 24h, not // 15245 most of the time, FR only while 15245 mostly verns, occl FR (QTH Af 30/5) DS on 15245 changes: FR nx 0600-0620, 1200-1220, 1800-1820; summaries 0800, 0900, 1400. Former dual vern svcs split up so now 20-min bulls in SH 1000, Tailuba 1030, Lingala 1100, Kikongo 1130. Former 1700 Armed Forces Pgm in FR now also includes vern material (WBI 11/6) 15350 //15245 late GMT evenings, 333; beware Luxembourg! (Steve Webster, Ont, 30/5) RN Media Network had very misleading report on Kinshasa 15350 being stronger than 15245; R Luxembourg dominates 15350 here, also in FR w/a common word homonymic to Zaire; I'll bet Zaire gets quite a few R Lux reception reports. The only true window is 0400-0430 (Sun-0500) but that was not mentioned; also 15245 from at least 0400 to 0700 is now WOA Breakfast Show to Af; later: I can hear Zaire mixing w/Lux at pits level; worse yet, dreadful highpowered open carrier, voices tones J jammer, +0000-0100+ destroying 15350 for everybody. As of 2/6, Zaire dominated 2220-2400+ at 422+ on AM, 433 on LSB; Zaire (they pronounce it zigh-EER, not ZAIR) is about 300 Hz low on 15349.7, separable on LSB (Maxfield Greenwood, PA)

ZAMBIA R Zambia ES no longer on 9582 at 1550-2105; now on 7250 daily, 120 kW; Sun-only ES xmsns are again off the air for some time and neither 11880 sked at 0550-0715 nor 17895, sked at 1050-1215 nor any other replacement fq were traced (QTH Africa 20/5)

CLANDESTINE CRANNY R Quince de Septiembre has been the victim of severe & potent jamming lately, despite many mid-xmsn fq shifts --hrd 16/6 1120-1240, moving every 5 or 10 mins from 5555, 5565, and 5575. Usually within 30 secs the jammer (which sounds like whirring helicopter blades) moved to cover them quite effectively. Once, strangely enough, the jammer moved down to 5555 ahead of its victim, which left clear 5565 10 secs later, and was buried. I have to give credit to whomever is operating this jammer (probably Cubans at the request of the Sandinistas); he or they are really on the ball (Steve Reinstein, FL) I have been noting the same behaviour in the 0400-0500+ xmsns; both missing from 26/5, but 31/5 0407 15Sep back, 0411 jammer tunes up 5 kHz below on 5550, has awful time matching fq w/15Sep, finally made it at 0430, but at 0505 slipped to 5551 clearing 15Sep; jammer still going at 0528 on 5555. Back at 0423 I hrd same kind of pulses under 5949 leading me to believe it's a xmtr mixing product at same site as V of Nicaragua. Same game 3/6 0403-0420 when jammer off. 16/6 0405 jammer sweeps around, can't or won't stay on one fq while 15Sep can only jump around; jammer pulses timed at 11.2 persecond; 17/6 0430-0500 cat & mouse 5565, 5555, 5575; even when 15Sep stays on fq, jammer varies (gh) 15/5 \*0400-0515\* 422+ but summer QRN getting worse; w/out it, would've been 444 in at +20 db (Maxfield Greenwood PA) R Venceremos \*1200 26/5 on 6904zv, by 1205 jumped to 6907v; 30/5 1204 on 6902zv, occl QRM from 6899 tactical "Condor" calling 2 other stns on SSB which were not hrd (gh) at Morazan, El Sal. R Liberación A Frente Democrático Revolucionario spokesman visiting Knoxville told me that this stn is still on the air, but irregularly. Was very active until Feb on 8243; so far not hrd again here in late-even chex. He said it's located at Chalatenango (gh) Operating in Nic to El Salvador 15/12/80. References to the Sandinistas sharing the expenses of a revolution-

ary radio stn appear in captured documents (US Dept of State Bulletin, 3/81, via NNRC June) Dave Crawford notes that a recent US News & World Report claimed the Nic govt shut down the stn under US govt pressure (ibid.) Hrd 17/4 1325 on 8244, polit msg, ID, SINPO 24342 (Ewald Bartunek, Wien, Austria, WWDXC) Rather unlikely propagation (gh)

R Cuba Libre I sent a report to their San Juan addr, but PO returned it as "unclaimed"; I'm certain there was no error in addr; now I'm trying the one in Mexico. Still adheres to a very regular sked, GMT Mon & Fri 0300-0330 on 6989v, hrd 1/6 & 5/6 on 6989z, other dates 6991 (gh) As sked Fri 12/6 \*0300-0331\*, quite a booming sig; usual pgm by [Movimiento Democrata] Cristiano de Cuba group, Strange IS, sort of a chirping ute-like sound (Steve Reinstein, 13/6)

R Libertad Cubana hrd w/unskd test(?) Mon 8/6 \*0120-0126\* on 7076, s/off in mid-talk by man; they signed on immediately after R Trinchera s/off the same fq (Reinstein, FL)

R Trinchera \*0100-0120\* on 7076, ID as "¡Cuba! Transmite Radio Trinchera, por una Cuba nueva, en 7070 kilociclos, banda de 40 metros." Brief BC and awful audio, unlike regular sked; maybe was tape played by a compatriot (Steve Reinstein, FL, 13/6)

La Juventud Progresista Cubana continues broadcasting directly after s/off of LV de Alpha 66. Hrd 12/6 0130-0236\* on 7055; same pgm as always w/monologues by M & march mk. At one point he screamed "¡Tan vela! ¡Tan vela por Cuba! ¡Tan vela y tan vela!" (I think it's "tan vela" he's yelling). Again 13/6 0135-0219\* w/repeat of previous day's BC; also some MW drama like stuff, zero beat on 7054 (Steven H Reinstein, Miramar FL)

Spy Numbers EG logged twice recently on apx 9500; 1/6 0300 s/on w/female counting up from 1 thru 0, pause, "5-5-5!"; only fq I have logged in EG (Tim Lilley, Westover WV) 11034 kHz, unID 5/6 0402, woman in EG, spy number deal, continuous 1-9-5 repeated thrice, then count 1-2-3-4-5-6-7-8-9-0 only once, until 0411 when she started a series of 4-digit numbers; 0435 they ended & carrier off immediately, no farewell, etc (Chuck Oliver, Spring TX)

R Magallanes & "LV de Chile Anti-Fascista" IDs on new 15550 0333-0400\* w/hum otherwise encountered on satellite Cuba xmsns, 14/6, USSR? (Ralf Munster, GA) Yes, longtime cland pgm via R Moscow, now sked at 0200-0230 on 21635 [note same as Algerian fq which has carried LV de la Resistencia Chilena] 17785 15550 15335 15465 15435 15265 15210 15195 9765; and at 0330-0400 on 21635 18653-SSB 17785 15550 15535 15465 15435 15265 15210 15195 9795, per WBI 11/6 (gh)

[V of Namibia?] In recent weeks, Zambian ES obs 1830-1930 on 7250 w/SWAPO pgm, and as daily on 16, 25, 31 and 49m bands; intl nx in EG and a selection of interviews and speeches by SWAPO offis in EG & vern. Until 1979 Zambian ES used 17895 11880 9580 7235 6165 6060 (WBI 28/5)

V of Palestine, V of the Palestine Revolution, broadcasts in Lebanon on behalf of PLO, introduced svc in EG 15/5, per anmts daily 1445 w/nx & comtry; in fact started 1450, lasted 14 min and was on 1270 kHz (WBI 21/5) Obs 15/5-21/5 of 1445 EG pgm lasting up to 25 mins have established regular format of nx heads, nx, occl comtry, iv and/or closing nx heads. Commentaries have been repeated the following days, but 20/5 & 21/5 nx continued to s/off. Nx either repeated in 1500 AR nx or duplicated earlier AR items; no unique material has been obs (WBI 28/5) Sked of the stn on 1270, AR ID as "Sawt al-Filistiniyah, Sawt ath-Thowrah al-Filistiniyah" is: 0500-0700 AR, 1100-1300 AR, 1445-1500 EG, 1500-1630 AR, 1630-1700 HB, 1700-1900 AR (ibid.)

V of the Iraqi Islamic Revolution, hostile to current Iraqi regime, recently obs at 1700-1900; until 27/5 \*1600 (WBI 11/6) Per Feb LN-14, on 1551 kHz (gh)

V of Iranian Kurdistan, anti-Khomeyni stn and 7/6 an addl pgm in Azeri 1400-1430; also in Suci Kurdish 1230-1315, Persian 1315-1400, on 7000v (WBI 11/6)

Free Voice of Iran Recent anmts by this stn claim it is not affiliated to any "group, organization or party" but is the "voice of all opponents of Khomeyni's dictatorship and fascism". Pgs prepared by "intellectuals, writers, announcers and lovers of Iran". Fqs vary 9550-9600 but recently suffers from tech problems (WBI 4/6)

R Iran recently andcd itself as the "voice of the natl resistance movement" aimed at freeing Iran from "domestic & foreign enemies". Ended w/slogans, including those of Dr Shahpur Bakhtiar, exiled ex P.M. One-hour xmsns on 9500-9580 at 0730, 1330, 1930. 30/5 the stn also included "the voice of the followers of Dr Mohammad Mossadeq's way" in its anmt; he was P.M. under the late Shah Mohammad Reza Pahlavi (WBI 4/6)

R Maubere Angolan news agcy ANGOP reported 19/5 that a rep of FRETELIN (the E Timor Natl Lib Front) had told a Luanda press conf that the resumption of BC by R Maubere 28/9/80 had made it possible to 'spread news of the struggle of the Maubere (E Timorese) people" despite the mobile nature & low power of the xmtr. He said R Maubere had been "sabotaged" in 1978 by a person who had 'collaborated' with the Indo govt and had handed over all the stn's radio eqp to the authorities (WBI 21/5) In June & July 1980 FRETELIN raided an RRI station, capturing powerful equipment, moved it to a secret place in the mountains, and on 28/11/80, R Maubere was on the air again, defying the Indonesians, 15 min broadcasts thrice weekly (Aroosa Pena, Maputo Tempo 25/1, via S & E Asia Report 25/2 via R Horvitz, via August RIB where a much longer account of the Timorese struggle and R Maubere appears) Fq? (gh)

R CBN, "Australia's Number One Rock & Roll Pirate", June sked was: Tue 2/6 1000 on 6995; Sun 14/6 0000 on 7400; Sat 20/6 7350--special ARDXC Sydney Picnic Broadcast, 0500 (also on 107.9 MHz FM) (CBN via June ADRN) R CBN, Sydney hrd on 7350 at 1204-1236\* 29/3, rock & anmts, fair despite some QRM & QRN (Clive Radvan, NSW, ADRN) Believe there'll be an international service too (Alex Dobrowicz, Cherokee Vic, ADRN).

"KDOR" Dorwart has signed a statement that he will not operate on AM (there are about five legal applicants for 830 in Los Angeles), but he has a major Washington atty and hopes to go on UHF TV after a 12-month wait for the LPTV freeze to lift (anon) (Newton, GA)

R Music International QSL letter from Scooter Heath says they are off the air for good (Andy

V of Michigan hrd 6/6 0630-0649 on 3580 with ID, ancr's name Pascal; address given but mostly unintelligible; after that maybe a little talk at 0641 but all the rest was just mx; checks at 0700 & 0800 revealed no more IDs either; SIO 333 (Mike MacCollum, IN) Presumed, continuous mx 30/5 around 0800 on 3580; pretty strong carrier but very low audio (Scott McClellan, Battle Creek MI) must be Greenwood's unID, cf June LN- 12 (gh)

King Cobra Radio I rxd call from them 31/5 at 0337 saying they were on 7340, but no trace of anything there; poor choice w/CHU/Prague splatter. Pse call again w/diff fq (McClellan, MI)

"WOOF" hrd 31/5 0400-0447\* on 6985, good carrier level but undermined, audio totally missing at times (McClellan, MI) 6994, 6/6 0519-0528. One M DJ said he was taking the place of R Indiana that night because RI was having xmtr problems. Gave McClellan's addr, several IDs, and said stn was part of the UBS, where you were put before the BS. Claimed 6990 & said he liked that fq, but also occly used 7360 7375 7425 when he is on the air, which wasn't very often. Also claimed he needed reception reports badly because it was a test xmsn and he wanted to know how his modulation was. Before s/off, said he would stay on fq listening for and talking to any pirate who wanted to contact him. Only played two songs, "Love Stinks" and "Ayatollah", SIO 444 (Mike MacCollum, IN) Hrd 11/6 0505-0533\* testing for me on 6982 w/rock, frequent IDs, addr via McClellan, and ocl mentions of my name (Just so no one things the ancr's name is Gregg Bares, hi). S/off w/"Ayatollah". Gd sigs and mod but ocl severe CW QRM. Also hrd 14/6 on 7375 0503-0529\* weak in bad QRN, same format (Gregg Bares, CT)

"WPOZ" Recently received letter from Chuck Ward who said that due to xmtr problems they had been off since late Dec & planned to return by late Mar. Fqs to check are 1610-1650 kHz, 7300-7350, 7400-7430, 3400-3500, 4000-4500! "We usually transmit on Fri or Sat nites from 0100 to 0300 GMT". Said they are not affiliated w/V of Free Radio but they do know each other. Chuck said he forwarded my reception report of VOFR to them. Thanks. (Arthur Bodek, NY)

"WTBJ" This new pirate on 7000 kHz says it may go to 50 W on 7104 in a month or so; also considering xmsns on 6m and CB (June NNRK alternative radio column of John Santosuosso, FL)

## HARMONIC SCAN

Some additions to May LN-11, all hrd 0000-0400+ u.o.s. in central FL, and 2nd harmonic of fundamental in parentheses, u.o.s.:  
 6120 USA SF/CW numbers stn (3060) audible thru 1300 xmsn, often appropriately over R Zínica.  
 6600 Cuba R Rebelde/RMWS (11 x 600). 6720 Guatemala LV de Nahuallá (3360) rarely around 1100.  
 7800 Cuba R Rebelde/RMWS (13 x 600). 12131 Colombia R Súper (6065½). 12300 Colombia LV del Huila (6150). 12330 Neth Ants RN (6165) evening xmsns. 12350 Antigua BBCWS (6175) on evening xmsns (Terry L Krueger, Casselberry FL, 2/6) RAMADAN this year corresponds roughly to July --

## PUBLICATIONS

Review of International Broadcasting is the only monthly magazine of, by and for shortwave listeners, full of opinion about what international broadcasters are doing and saying, and about equipment and related issues, but also full of objective program schedule information from many stations in an ever-changing variety month to month, including a quick-reference schedule in the center pages. In RIB, jargon and abbrs are kept to a minimum. The format is flexible--everything from multi-page articles to two-line comments. Maybe you should join the RIB family for great fun and information on SWLING. In North America, samples are \$1.25 (seven 18¢ stamps OK); subscriptions are US\$15 for 12 issues. Samples by overseas airmail \$2 or 8 IRCs, payable and sent to Glenn Hauser; University Radio WUOT, Knoxville TN 37916.

BBC World Service is giving away bumper stickers in blue and red on white. The US version adds "morning 31m--evening 49m". On request from John Hoban, Publicity Officer, English Services, BBC, PO Box 76, Bush House, Strand, London WC2B 4PH, UKOCBANI (gh)

La Radio del Papa, to mark its 50th anniversary, Vatican Radio has issued an audio-visual package, including 80 slides & cassette with commentary in EG or other specified langs. An account of the history of VR. Famous VR pgms are mentioned and important events in the stn's development. Price is 18000 lire, available from R Vaticana, Ufficio Propaganda (Padula ADXN)

DXTRA is a mid-monthly DX newsletter supplementing Go-DX of the Southern DX Association but available separately; deadline 2nd Friday of each month. Year sub is US\$3 in NAM, US\$6 overseas, payable to Andy Newton, and available from him at 1030F Brentwood Way, Atlanta GA 30338. Meanwhile, Newton has also begun publishing Go-DX in a much-improved printing format (gh)

World Press Service Frequencies, new book, all about RTTY monitoring with schedules and equipment info, \$5.95 + 50¢ postage & handling from Universal Electronics Inc, 1280 Aida Dr, Reynoldsburg OH 43068. Compiled by Thomas Harrington (gh)

DDXIK Hobby Pirate List will again be published quarterly; deals with SW pirates in Europe only; deadlines for contributions are 28/7, 27/10/81, 26/1/82. Price is 2 IRCs for one issue or 7 IRCs for the next four issues, from Dansk DX Lytter Klub, Box 392, DK-8100 Aarhus C, Danmark (DDXIK)

Science & Electronics, Mar-Apr 1981 issue has review of Radio Shack DX-302 and the Sony ICF-2001; Don Jensen's DX Central Reporting spotlights SWBC in Guyana, Surinam and French Guiana; and there is an evaluation and specs for the Katronics Signal Enforcer, a filtering device for SW & ham (Rufus Jordan, PA)

S9 Hobby Radio, Mar 81 has DX Korner by C M Stanbury II discussing SWBC in Scandinavia with special praise for SCDX; Alternative Radio by John Santosuosso discusses anti-Castro BCs (ibid)

Notes on Illegals Editorial by Tom Kneitel in May S9 expresses a point of view about publication of pirate info, which I heartily endorse, that is, against the suppression of such information, as some clubs and some editors have started doing. Basically, they exist and should be reported. (S9 is one of few surviving "CB" magazines on the newsstands) (gh)

IN MY OPINION

(Robert Schukai Jr., St Louis MO) While many US pirates are trashy, still there are those which have a definite purpose for being on the air (i.e. RX4M). But what they all seem to be saying is that they want to be a part of the SW hobby. So in order to compromise--that is, to let the pirates become a legal part of the hobby and to prevent them from becoming a source of interference for the DXer, why not allocate certain frequencies where they can operate legally. 50-100 kHz ranges could be established where they would not interfere with the many SW stations currently operating. Then the FCC could establish guidelines for the stations such as power, schedules, etc. This way, pirate stations which do not conform to the frequencies established could be black-balled from FRENEX. Let's not cast off pirates as worthless hobbyists who only want to see their name in FRENEX and SPEEX. Rather, let's give them the opportunity to become a part of the shortwave hobby. (Those who say these hobbyists should instead operate 10 watt FM stations should be reminded that it is their purpose to enable as many people as possible to hear their programs--best accomplished via SW.)

(Mike Bolitho, Ont.) Elitism reconsidered: As a delayed reaction to Jerry Berg's article "In Defense of DXing" in the August 80 FRENEX, I offer these comments on his next to last paragraphs on the "elitists". Numero Uno and Fine Tuning cannot be considered anything but "closed" publications. After all, the general public cannot contribute or subscribe to either. As I understand it, both organizations have denied permission to reprint their items in FRENEX, altho when I first joined NASWA, selected items from NU did appear in LN and the mid-month supplement. Believe me, I'm not knocking either publication. The quality of material reported is excellent, and both are undoubtedly excellent tools for the serious listener. Also, the "raison d'être" of both is to spread DX information rapidly. Unfortunately, the same also gives rise to the charge that such publications are indeed "elitist". What bothers me here isn't so much the limited-access nature, but what might be called the "elitist attitude"--I've been told by one or two DXers that their items/tips are not to be spread around, lest the station be flooded with reports before they are able to submit their epistles requesting QSLs!!! Is this why such publications exist? As food for thought, I suggest that wider access to these publications, or simply more contributions to organizations such as NASWA by those involved in NU or FT, might do the hobby as a whole a service. To the best of my knowledge, the people involved are the "crème de la crème" of the hobby; they are well-versed in various specialties such as Indonesian DXing and many have been involved for a very long time. As such, they could provide an example--show us that a logging of an ultra-rare Indian regional deserves more than a line of skimpy detail! Or they could serve to provide beginners in the hobby with advice, saving the slow, painful process of picking up listening techniques sometimes only gained by much experience. On the whole, the net result might be better quality bulletins with fewer examples of "list logging", and less animosity between various groups.

(Maxfield Greenwood, PA) The logic of NASWA not counting harmonics as legitimate and countable "catches" is illogical beyond words. My hearing La Voix du Peuple, Haiti on 2951 is as exciting a catch as I have ever had--and to hell with those who don't acknowledge the legitimacy and skill required to find and ID harmonics. Although I don't count such MW catches as Panama and Guadeloupe to my C/H total, I again consider this non-recognition of MW-only countries by NASWA to be tedious arbitrariness, and an attitude that will need changing as more and more SW outlets move to MW-only. Radiowaves are radiowaves, or rose by any other name would smell as sweet. And to add fuel to the fire, I also suggest tape verification be added to the NASWA verification system. For instance, I have an incredibly excellent tape of 2 kW Vanuatu, taped on 3945, in Maine (to hear the tape, you would think I was in New Zealand); and yet Vanuatu has yet to verify any of my two previous reception reports, so per NASWA I can't count this as verified station. This is simply absurd! All in all, I think much needs to be reviewed, regards the old traditions.

(Charley Hoffman, Manheim PA) The ridiculing of Max Greenwood [June LN-11] and others in the past for reporting harmonics to the station concerned is totally uncalled for. These MW broadcasters would much rather receive the news that their transmitter has gone astray, from interested DXers rather than through a pink slip from the FCC which could result in a fine, or depending upon the managerial policies of the station, an employee's job. What is even more appalling is that you, yourself, are in the radio broadcasting profession. I realize you are an avid harmonic fan but let's get our priorities straight. Which is more important, a harmonic station in a few DXers' logbooks, or the FCC slapping fines on an unexpected station and a chief engineer losing his job?

gh: "Ridiculing" is not the right word. CEs are responsible for every bit of RF going out from their transmitter, on whatever frequency, and I seriously doubt the FCC would fine a first offender. It is rare indeed that a harmonic causes harmful interference endangering life & limb, and unless this is the case, we should not take steps to eliminate them, directly or indirectly.

(Dave Maxfield, MI) Max Greenwood is quite right about dating of loggings; how is one to be sure that an item from last month or, even, last year has not accidentally crept into the record? No logging can be considered complete without a date. Undated loggings should be considered suspect or invalid. No editor should fail to give at least one date per logging. The NASWA board should give attention to this matter.

(Syd Osterman, Ont.) [Cf Apr LN-15] I agree that the date of a logging has valid import. However I suspect it is often omitted by the reporter. The voluntary log editors of FRENEX do an excellent job of sorting the wheat from the chaff. It is enough to draw attention to dating omission, without the snide "screwing up" accusation.

# QSL REPORT

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

FOR AN UPDATE  
ON NEADKO-81  
SEE NEXT PAGE!!!

**ADMIRALTY ISLANDS:** Radio Manus 3905 f/d form ltr. in 3  
\* mo. for 3 IRCs. (Davis-CA).

**AFGHANISTAN:** Radio Afghanistan 15077 f/d "Salang Pass" cd.  
in 5 mo. for 2 IRCs (required) (Valko-PA). cd. of "Por-  
celan repairer in Keselaiak" in 71 ds. for 2 IRCs.  
Report was for 21460 but QSLed as 15077 (Rigas-IL).

**ALBANIA:** Radio Tirana 7120 n/d cd. in 103 ds. (Sedgeley-CO).

**ALGERIA:** Radio Algiers 21635 f/d folder cd. in 6 wks. for 2  
IRCs. (Leite-MA). in 56 ds. on my 3rd try. (Rigas-IL). 15307 cd.  
\* w/ emblem and QSL on front in 5 wks. (Berg-MA).

**ANDORRA:** Adventist World Radio 6220 f/d "Flowers w/ Bible Quote" cd.  
in 34 ds. (Falkenhan-MD).

**ANGUILLA:** Caribbean Beacon 1610 f/d cd. in 22 ds. v/s Bob  
Jensen. (Buer-FL). f/d "RadioHouse" cd. in 28 ds. (Reitz-  
\* KY)... This is not SWBC but still interesting. I believe

I believe that our frequency cutoff is at 2000kHz.  
**ARGENTINA:** RAE-Radio Argentina 11710 cd. in 136 ds. for  
an EG rpt. (Rigas-IL). cd. in 2 mo. for a SP rpt. and 2  
IRCs. (Witte-CA). cd. in 89 ds. for a SP rpt. and 2 IRCs.  
Also rcvd. tourist information and booklets. (Reitz-KY).

**ASCENSION ISLAND:** VOA 21490 f/d cd. in 8 ds. v/s Vivian Strong. (Shaver-OR).

**ASIATIC RUSSIA:** Radio Moscow via Blagoveschensk on 9580 f/d "Globe" cd. in 40 ds. (Sedgeley-  
CO). via Yakutsk on 4mb. cd. in 2½ mo. (Huniwell-NJ). via Petropavlovsk-Kamchatsky on  
15140 w/ f/d "Church" cd. in 2 mo. (Huniwell-NJ). via Komsomolsk-on-Amur on 9795 cd. in 35  
ds. (Rigas-IL). via Nikolaevsk-on-Amur on 9780 f/d cd. in 2 mo. (Matthews-OH). via Khabar-  
ovsk on 7175 f/d cd. in 5 wks. (Oksenoff-CA). 12050 "Eternal Flame" cd. in 1 mo. (Oksenoff)

**AUSTRALIA:** VLW9 9610 f/d cd. in 16 ds. for 2 IRCs. (Christopher-NJ). VNG 4500 f/d cd. in 1 mo.  
v/s G. Matthews. (Shaver-OR). VLM4 4920 via Brisbane "Map" cd. in 140 ds. for 2 IRCs. (Futch  
-GA). same in 5 mo. for 1 IRC. (Reitz-KY). VLR9 9680 via Lyndhurst f/d cd. in 2 mo. (Berg-  
MA). same in 31 ds. (Reid-CA).

**AUSTRIA:** ORF 5945 f/d "Snail w/ Castle" cd. in 58 ds. (Overstreet-GA). same in 2 mo. (Kernan-  
MA).

**BELGIUM:** BRT 15385 f/d ltr. in 27 ds. (Overstreet-GA). same in 24 ds. (McCasland-MO). f/d cd.  
of "Fisherman Memorial Statue" in 40 ds. (Byron-NY). f/d "Town Hall at Ostende" cd. in 40  
ds. (Byron-NY). ltr. in 25 ds. for 2 IRCs. (Mazur-PA).

**BELIZE:** Radio Belize 3285 f/d "Map of Belize" cd. in 23 ds. w/ an investors guide to Belize.  
Good reading! (Schlaugat-WI). in 3 wks. for 2 IRCs. v/s J. Johnson. (Meyer-WI). Would the  
membership be willing to chip in and purchase some new QSL cards for this station? They  
\* have been using the same one for about 20 years!!! Sam.

**BENIN:** Voice of the Revolution 4870 f/d cd. in 7 wks. for an EG rpt. and 3 IRCs. (Davis-CA).

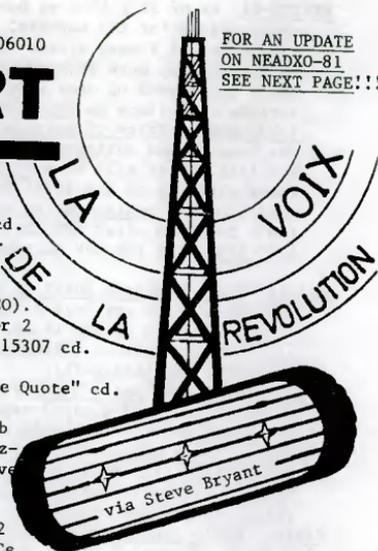
**BOLIVIA:** Radio Panamerica 6105 f/d "Map" cd. in 56 ds. for a SP rpt. and 2 IRCs. v/s Daniel  
\* Sanchez Rocha, Sub-Director. (Reitz-KY).

**BONAIRE:** Trans World Radio 9755 f/d cd. in 33 ds. w/ calendar. v/s Barbara Roswell (Kononchik  
-CT).

**BRASIL:** Radio Bras 15290 f/d cd. and sticker in 23 ds. for 1 IRC. v/s Reginaldo Azevedo. (Mc-  
Casland-MO). in 34 ds. for 1 IRC. (Luke-OH). in 6 wks. (Oksenoff-CA). 17830 f/d "Red Sunset"  
cd. w/ sticker in 35 ds. (Forman-NY). Radio Cultural 17815 ltr. in 41 ds. for a PT rpt.

v/s Olimpio Jose Franco,  
Engineer. (Rigas-IL). Radio  
Brasil Central 4985 f/d ltr  
in 3 mo. v/s Arthur Guilh-  
erme. (Fittrich-FL). Radio  
Marumby 9675 f/d cd. in 7  
mo. for a PT rpt. and ms.  
This was 2½ mo. after a  
f/up. (Lazarus-LA). Radio  
Inconfidencia 6000 cd. in 3  
wks. for a PT rpt. and 1  
IRC. v/s Eugenio Silva.  
(Gliksman-IL). Radio Excel-  
sior 9585 "Logo" cd. in 2  
wks. for a PT rpt. and 1  
IRC. (Gliksman-IL).

QSL COLUMN REPORT FORMS ARE  
AVAILABLE FROM YOUR EDITOR  
FOR AN SASE.....Sam.



## World Music Radio

from the collection  
of Eric Falkenhan

Date November 11, 1980  
Frequency 6220 kHz  
Time 22.48-22.58 GMT  
Best 73s!

*See album.*



**NEADKO-81:** As of July 15th we have received over 15 reservations for the banquet! Space is still available but I must stress that it is limited! We expect many more people than we had last year. There are dozens of door prizes. Raffle prizes include such items as Swiss Watches, AM-FM Digital Table Radio, Voice of America station pennant, etc. The banquet and outing will be held on Sept. 12th and 13th. There will be a very special party for those arriving on the 11th! For additional information please contact me as soon as possible or call (203) 589-0083 after 7PM EDT....We have on hand over 6000 items for the HAP Auction!

# RADIO PRAHA



**BRASIL:** Radio Educacao Rural de Coari 2490 f/d ltr. in 3 mo. for a PT/EG rpt. v/s F. Marty. (Field-MI). Radio Aparcida 5035 n/d cd. in 17 ds. for a PT. rpt. and 1 IRC. v/s P. Orlando Gambi. (Gliksman-IL). 6010 ltr. in 24 ds. for a PT. rpt. (Rigas-IL).

**BYELORUSSIAN SSR:** Radio Minsk 7420 f/d folder cd. in 5 mo. for an EG/RS rpt. and a taped report. (Matthews-OH). Radio Moscow via Minsk on 7130 and 15150 w/ f/d cds. in 6 wks. (Davis-CA).

**CAMEROON:** Radio Garoua 5010 ltr. in 110 ds. for an EG rpt. and 2 IRCs. (Rigas-IL). Radio Bafoussam 4000 f/d ltr. in 2 mo. for a FR rpt. v/s David Walther Lea, Journaliste Assisant. QSL also refers to 5955kHz. (Field-MI).

**CANADA:** Radio Canada International 11945 cd. revd. for the RCI/DXJB \* Program w/ special stamp. v/s Ian M Farland. (Berg-MA).

**CAPE VERDE ISLANDS:** Radio Voz de Sao Vicente 3930 cd. in 6 wks. for a PT rpt. and 2 IRCs. (Lobdell-MA).

**CHINA:** Radio Peking 15520 f/d "Tai Ho Hall" cd. in 3 wks. Pennant revd. Station has 5 new pennants currently available! (Matthews-OH). 17680 f/d "Autumn View of the Great Wall" cd. in 19 ds. w/ Panda pennant. (Oksenoff-CA). 17855, 17680 and 9820 w/ 5 different f/d cds. and a pennant in 27 ds. (Rekich-PA). Fujian Front Station 4975 f/d "Peihai Park" cd. via

\* Peking in 5 wks. (Orcutt-CA). Hubei PBS 4980 f/d cd. and a small map of China in 2 mo.

\* (O'Riordan-ID). Nei Menggu PBS 7105 Hohhot direct QSL w/ CH cd. in 4 mo, 2 mo. after a

\* f/up. (Berg-MA). Yunnan PBS 6937 Kuming also verified direct w/ color postcard of Dong-

feng Ave. in Kunming. Handwritten EG veri statement on the back of the cd. Arrived in 18

wks, 6 wks. after a f/up. (Berg-MA)....Thanks for the in o.o.Sam. (Rigas-IL).

**COLOMBIA:** Radio Guatapurí 4815 n/d ltr. in 86 ds. for a SP rpt. v/s Manuel Pineda Rastidas.

**COSTA RICA:** TIFC 5055 f/d cd. and pennant in 34 ds. (Rekich-PA).

**CUBA:** Radio Habana Cuba 6060 form ltr. in 203 ds. for a SP rpt. (Demmitt-PA). Radio Moscow via Habana 6110 w/ f/d cd. in 2 mo. (O'Riordan-ID).

**CZECHOSLOVAKIA:** Radio Prague 11990 f/d "World Map" cd. in 50 ds. for 1 IRC. (Overstreet-CA).

**DENMARK:** Radio Denmark 15165 f/d "RadioHouse Aerial" cd. in 20 ds. for 1 IRC. (Tokarchick).

**DOMINICAN REPUBLIC:** Radio M11 4940 f/d ltr. in 6 wks. for a SP rpt. v/s Patricia Lara de

Diaz. (Shaver-OR).

**DUBAI** (United Arab Emirates):  
Dubai Radio & Colour TV  
21700 f/d cd. in 37 ds. v/s K.F. Fenner. (Schlaugat-WI)  
21655 cd. in 25 ds. for 2 IRCs. (Mazur-PA). 9640 cd. in 22 ds. (Forman-NY). 15320 cd. in 27 ds. (Rekich-PA). in 1 mo. (Orcutt-CA). 17775 cd. in 27 ds. (Reid-CA).



Voice of Asia  
亞洲之聲

via  
Mike Hardester

QSL



LOOK FORWARD TO  
MEETING YOU AT  
NEADKO-81  
IN SEPTEMBER.



**GUINEA:** Voice of the Revolution 15310 and 9650 f/d form ltr. in 10 wks. for an EG rpt. and 2 IRCs. (Dittrich-FL)... This station requires at least 2 IRCs with your report... Sam.

**HAITI:** Radio Station 4VEH 11835 f/d "Childrens" cd. in 42 ds. for an EG rpt. and ms. v/s Edna Beachy, QSL Secretary. (Falkenhan-MD).

**HAWAII:** WVWH 5000 f/d "Aloha" cd. in 20 ds. v/s C.L. Trembath, Engineer in Charge. (Briscoe-IN).

**HOLLAND:** Radio Nederland 6165 f/d "Three Personages" cd. in 48 ds. (Overstreet-GA). 15220 cd. in 26 ds.

\* (Buttrick-CT). Radio Nolan 6270 yellow f/d cd. w/ drawing of a Dutch Girl in 1 mo. for 2 IRCs. v/s Ronnie Nolan, Station Manager. (Berg-MA). cd. and ltr.  
\* in 2 mo. 50 watts! (Bares-DC). Radio Coral Fisher 6294 yellow f/d cd. w/ stickers and a tape in 7 wks. for a taped rpt. and 3 IRCs. (Berg-MA).

**HONDURAS:** La Voz de la Mosquitia 4910 Puerta Lempra handwritten 3x5 cd. w/ all details except time in 9 wks. for an EG rpt. v/s Monique Wilkerson. (Berg-MA). same in 10 wks. for 1 IRC. Mailed from Tupelo, Miss. (Gliksman-IL).

**HUNGARY:** Radio Budapest 11910 f/d cd. in 73 ds. (Overstreet-GA). 9835 cd. and pennant in 55 ds. (Rekich-FL). 17710 f/d "Bridge" cd. in 48 ds. (Forman-NY).

**ICELAND:** ISBS 12175 f/d cd. in 2½ mo. for an EG rpt. v/s Anna L. Jonsdottir. 5 kws. (Davis-CA).

**INDIA:** All India Radio 11620 f/d "Skiing" cd. in 87 ds. (Rekich-PA). f/d "Victory Tower at Chittorgarh" cd. in 162 ds. for 1 IRC. (Tokar-chick-NY). in 4½ mo. (Reid-CA). 15110 "Monkey" cd. in 3½ mo. (Davis-CA).

**IRAQ:** Radio Baghdad International 9745 large folder cd. in 11 wks. (Berg-MA). same in 95 ds. (Thompson-ONT).

**IRELAND:** Radio Dublin 6910 f/d "Map" cd. in 61 ds. for 2 IRCs. v/s Angela Meier. Sticker also recd. (Eastman-TX). same in 54 ds. for 3 IRCs. (Tokar-chick-NY). 6315 cd. and ltr. in 3 wks. for 2 IRCs. (Bodek-NY). 6317 f/d cd in 121 ds. (Demmitt-PA).

**ISRAEL:** Galei Zahal 14728 f/d "Map" cd. in 3 wks. for 3 IRCs. (Berg-MA). same \* in 24 ds. for 1 IRC. (Gliksman-IL).

**JAPAN:** Radio Japan 9505 f/d cd. in 34 ds. for 1 IRC. (Luke-OH). 17825 f/d "Temple Approach at Sanzen" cd. in 129 ds. (Demmitt-PA). 17755 f/d "Kokeshi Dolls" cd. in 21 ds. (Overstreet-GA). same in 31 ds. (Florian-IL). "Temple" cd. in 1 mo. (Matthews-OH). 9505 p/d "Kokeshi Dolls" cd. in 3 wks. (Matthews-OH). 15170 cd. in 45 ds. (Clifford-FRG). 15195 cd. in 2 mo. (Lobdell-MA). JJY 5000 f/d cd. in 2½ mo. for 1 IRC. (Lonsdale-AZ). NSB 9595 f/d cd. in 5½ mo. for an EG rpt. and 2 IRCs.

**KAMPUCHEA:** Radio Voice of the People of Kampuchea 9695 f/d ltr. in 3 \* mo. for an EG rpt. and 2 IRCs. Just signed "Foreign Service". Evidently received directly from the US and then from Kampuchea back to the US - no other nations were involved. (Lazarus-LA). same in 5 mo. (Johnson-TX)... Very nice!

**KIRGHIZ SSR:** Radio Moscow via Frunze on 15535 w/ f/d cd. in 6 wks. (Davis-CA).

**KOREA, PEOPLES REP:**

Radio Pyongyang 9977 f/d "Opera" cd in 21 mo. w/ pin & pennant. (Byron-NY). in 25 mo. for 3 IRCs. (Byron-NY). in 11 wks. w/ pennant (Berg-MA).

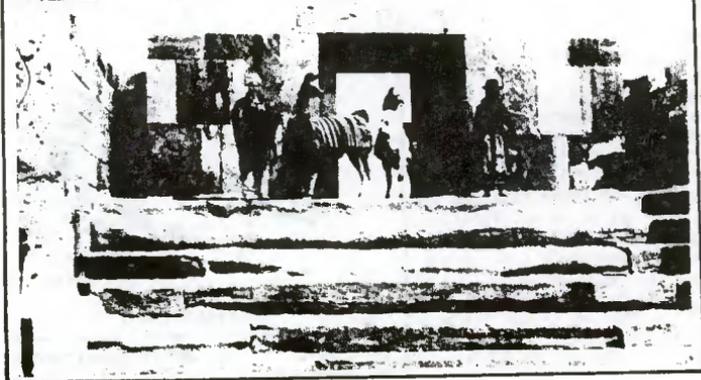
**KOREA, REPUBLIC OF:**

Radio Korea 11830 f/d "Gilt Bronze Maitreya" cd. in 63 ds. (Forman-NY). same cd. for 9570 in 3 mo. for 1 IRC. (Lonsdale-AZ). 7550 f/d cd. in 2 mo. (Davis-CA). cd. in 5 wks. (Barto-CT). f/d "Porcelain Jar" cd. w/ 2 pennants in 73 ds. (Florian-IL).

**LA PAZ**

BOLIVIA  
via Chris Lobdell

Radio Illimani QSL showing the "Entrance to Kalasasaya Temple"



KOREA, REPUBLIC OF: Radio Korea 15575 p/d cd. in 1 mo. for a tape. The card commemorated the inauguration of the German language transmission. (Matthews-OH).

KUWAIT: Radio Kuwait 11650 cd. in 142 ds. (Demmitt-PA). f/d Folder cd. in 5 wks. (House-OH). cd. in 3½ mo. (Kernan-MA). cd. in 4 mo. (Leal-ONT). 11665 and 9840 f/d folder cd. in 3½ wks. (Barto)

LAOS: Lao Nacional Radio 6130 via Vientiane ltr. in 282 ds. for 1 IRC. v/s Chaleune Vongsam-Ang, \* Director General. (Hardester-CA). Send me a copy Mike - try to get it reduced...Sam.

LATVIAN SSR: Radio Moscow via Riga on 15220 f/d cd. of "Tretyak Gallery" in 35 ds. (Rigas-IL).

LEBANON: Voice of Hope 6215 QSLed by ltr. from Calif. \* in 11 ds. and from Metulla, Israel in 1 mo. v/s Charles Pollak, VP & GM. (Berg-MA).

LESOTHO: Lesotho National Broadcasting Service 4800 via Maseru (Lancer's Gap) n/d "Flag" cd. in 3 mo. for an \* EG rpt. and 2 IRCs. (Lazarus-LA). same in 2½ mo. for 3 IRCs. (Craighead-KS).

LIBERIA: ELWA 4765 cd. in 2 mo. for 3 IRCs. (Berg-MA). VOA 21660 f/d cd. in 10 ds. (Kanopka-NY). 6035 cd. in 11 ds.

LITHUANIAN SSR: Radio Vilnius 11735 f/d plain (Kanopka-NY). white cd. in 65 ds. (Overstreet-GA).

MALAYSIA: Voice of Malaysia 15295 "Bowl Drum" cd. in 4 mo. (Kirkland-ONT). same in 4 mo. for a Mandarin report, tape and 2 IRCs. (Huniwell-NJ). 7295 f/d "Rebana Mauglak" cd. in 6 wks. (Davis-CA). 11900 ltr. in 21 ds. for 3 IRCs. v/s Ooi Ban Seng, Chief Engineer. (Kirkland-ONT). 9515 cd. in 39 ds. (Buer-FL).

MALTA: IBRA Radio 9510 f/d "IBRA Reaching South America" cd. in 61 ds. for 1 IRC. (Tokarch-MEXICO): XERMX Radio Mexico 15430 B&W cd. in 11 wks. w/ sked and sticker. (Berg-MA).

\* Radio Mil 6010 f/d "Pyramid of the Moon" cd. in 3½ mo. for a SP rpt. and ms. v/s N. Garcia R. (Lazarus-LA).

MONACO: Trans World Radio 9495 f/d "Antenna" cd. in 2 mo. (Berg-MA). same in 27 ds. for 1 IRC. (Luke-OH). same in 5 wks. (Barto-CT).

NAMIBIA: Radio South West Africa 4965 via Windhoek f/d "Aloe Dichotoma Tree" cd. in 2 mo. for 2 IRCs. (Lazarus-LA). same in 53 ds. (Rigas-IL).

NEW IRELAND: Radio New Ireland 2428 f/d ltr. in 33 ds. for ms. v/s J. Malisa, Provincial \* Station Manager. (Hensley-TX).

NEWFOUNDLAND: CKZN 6160 red, white & blue folding cd. in 2 mo. v/s F.H. Holm. (Berg-MA).

NICARAGUA: La Voz de Nicaragua 5950 n/d ltr. in 36 ds. for a SP rpt. v/s Esperanza Roman. (Rigas-IL). in 52 ds. for a SP rpt. and 1 IRC. (Reitz-KY). in 4 mo. for a SP rpt. and 2 IRCs. v/s Eustasio Sanchez, Director of International Service. Pennant rcvd. (O'Riordan-NIGER: Radio Niamey 5020 "Map" cd. in 6 wks. (Berg-MA). same in 70 ds. for a FR rpt. ID).

and ms (used). (Falkenhan-MD).

NIGERIA: Voice of Nigeria 17800 f/d "Milk Sellers" cd. in 129 ds. (Demmitt-PA). 4770 f/d cd. in 56 ds. for 1 IRC (which was returned) (Tokarchick-NY).

NORWAY: Radio Norway 25730 f/d cd. in 60 ds. (Witte-CA). f/d "Winter in Norway" cd. w/ sticker in 47 ds. (Rekich-PA). 11870 (LLC-6) f/d "Heddal Stave Church" cd. in 3 wks. (Oksenoff-CA). 17840 f/d "Traditional Dress" cd. in 37 ds. (Overstreet-CA). 9590 same cd. in 56 ds. for 1 IRC. (Luke-OH).

PAPUA NEW GUINEA: NBC 4890 "Map" cd. in 54 ds. (Rekich-PA).

via Bob Fraser

**MONITOR  
CLUB**

**ČSSR**

ick-NY)

Dear Mr. William A. Matthews,

This verifies your reception report on the programme that you heard on December 18, 1980 from 21.30 to 21.41 GMT on 7420 kHz.

With best wishes,

**RADIO MINSK**

Плошча Леніна  
Прыватная плошча  
Гасцінца «Юбілейная»

Плошча Леніна  
Прыватная плошча  
Гасцінца «Юбілейная»

Lenin Square  
Railway Station Square  
«Yubileynaya» Hotel



Фоне Г. Я. Асташкевіча, А. М. Лобачэ, Р. П. Лавіцкага

© Беларусь, 1979  
AT 13164 Тарыф 500 000 мск (зона 9 счч. Зона 1) 1/2  
Пастароваўшчына ччч В. Корчака Мінск «Чырвоны» 24  
80790-104  
Г 80790-78  
М 301(08)-79

PERU: Radio Tropical 4935 personal cd. in 5 mo. for a SP rpt. v/s Juan Pablo Mori, Gerente. (Kirkland- \* ONT). Radio Ondas del Titicaca 4921 f/d ltr. in 2 mo. for a SP rpt. Pennant was also rcvd. v/s Aurelio Frisaneho Valero. (Field-MI). Radio Juliaca 5016 n/d ltr. in 2 mo. for a SP rpt. v/s R. Alfredo Araico Guevara. (Field-MI).

**DON'T FORGET TO GET YOUR  
RESERVATIONS IN AS SOON AS  
POSSIBLE FOR NEADXO-81..Sam.**

PERU: Radio Atlantida 4790 n/d personal ltr. in 44 ds. for a SP rpt. and 2 IRCs. (Archer-NC)... This is my first station QSLed from Peru!!!  
ltr. in 5 mo. for a SP rpt. and 2 IRCs. Pennant rcvd. v/s Ivan Tenorio Matute, Administrador (he is a stamp collector!) (Kirkland-ONT).

PHILIPPINES: FEBC 11890 cd. in 29 ds. for 2 IRCs. (Reinecker-PA). same cd. in 45 ds. for 2 IRCs. v/s Mrs. Alidal Landman. (Kanopka-NY). Radio Veritas Asia 9605 f/d "Red Flower" cd. in 6 wks. (Field)

POLAND: Radio Polonia 15120 f/d "Lazienki Park" cd. in 50 ds (Overstreet-GA). same in 1 mo. w/ sked and pin. (Oksenoff-CA).

PORTUGAL: Radio Portugal 6185 f/d "Painting" cd. in 22 ds. (Kanopka-NY). 17880 f/d "Aquario Vasco da Gama" cd. in 2 mo. (Oksenoff-CA). 9575 f/d cd. in 25 ds. for 1  
\* IRC. (Overstreet-GA). Radio Renascenca 11885 "Radio Tower" cd. in 3 mo. for 3 IRCs. (Berg-MA). 11745 blue cd. in 6 wks. for a PT rpt. and 1 IRC. (Gliksmann-IL). Adventist World Radio 15440 f/d cd. in 3½ mo. for 2 IRCs. QSL stamp was also rcvd. (Matthews-OH). IBRA Radio 9670 f/d cd. in 3 mo. for 2 IRCs. (Dittrich-FL)... We made a slight error last mo. Joe Kononchik's QSL from Radio Portugal was rcvd. in 23 ds. not 230 ds. Hope no one was misled Joe... Sam.

QATAR: Qatar Broadcasting Service 11730 f/d "Map" cd. in 1 mo. v/s Jassem  
\* Mohd. Al-Qattan, Head of Public Relations. (Lobdell-MA). same in 27 ds. for 1 IRC. (Cohen-PA).

RHODES: VOA 6015 f/d cd. in 10 ds. (Kanopka-NY).

ROMANIA: Radio Bucharest 9570 cd. in 50 ds. (Kanopka-NY). cd. in 55 ds. (Rekich-PA). 11940 and 9570 f/d "Prince Dragoș and Mircea" cd. in 1½ mo. (House-OH).

SABAH: Radio Malaysia Sabah 4970 f/d cd. in 6 wks. for 2 IRCs. (Davis)

SAO TOME E PRINCIPE: Radio Nacional de Sao Tome E Principe 4806.5 f/d

\* paper cd. and ltr. in 9 wks. for an EG/PT rpt. and 2 IRCs. v/s George de Barrar. (Kohlbrener-PA)... Very nice. Not seen too often... Sam.

SCOTLAND: Weekend Music Radio 6260 f/d ltr. and tape rcvd. in 7 wks. for a

\* taped rpt. and 2 IRCs. v/s Jack Russell. (Berg-MA).

SIERRA LEONE: SLBC 5980 f/d ltr. in 85 ds. for 2 IRCs. Finally after 6 yrs!!! (Florian-IL).

SINGAPORE: Radio Singapore 11940 f/d blue and gold "Logo" cd. in 16 ds. (Berg-MA).

SOLOMON ISLANDS: Solomon Islands Broadcasting Service 5020 white "Logo" cd. in 2 wks. for 2 IRCs. Very nice Capt. Cook stamps on the envelope. v/s G.R. Richardson. (Berg-MA). f/d cd in 18 ds. for ms. (Falkenham-MD). 9545 f/d cd. in 20 ds. (Rekich-PA).

SOMALIA: Somali Broadcasting Service 9585 Mogadishu f/d B&W "Logo" cd. in 157 ds. for an EG  
\* rpt. and 3 IRCs. (Buer-FL). same in 49 ds. for 2 IRCs. (Leite-MA). in 5 mo. for 2 IRCs. (Lazarus-LA). in 6 mo. for an AR rpt, tape, ms and 2 IRCs. (Huniwell-NY). in 15 wks. for 2 IRCs. (Fleck-TX). in 193 ds. for an EG rpt. and 4 IRCs. (Reitz-KY)... See what a little diplomacy and a naval base will do!!!

SOUTH AFRICA: Radio RSA 25790 special "ADDD-RSA" cd. for a rpt. to the ADDX in Germany. in 1 mo. (Berg-MA). 9589 "Sunset" cd. in 6 wks. (Oksenoff-CA). 9585 f/d "Johannesburg" cd. in 28 ds. Pennant rcvd. (Rigas-IL). 17780, 15155 and 11900 cd. in 22 ds. (Rekich-PA). Capital Radio 11750 f/d cd. and sticker in 1 mo. (Rekich-PA).

SPAIN: Radio Exterior de Espana 9630 cd. and ltr. in 31 ds. (Kanopka-NY). cd. in 47 ds. (McCasland-MO). f/d "Bodegon" cd. in 35 ds. (Forman-NY). 11880 f/d cd. in 34 ds. (Rekich-PA). f/d "Las Meninas" cd. in 5 wks. (Berg-MA). 9630 f/d cd. in 43 ds. (Overstreet-GA).

QSL COLUMN REPORT FORMS ARE AVAILABLE FROM YOUR QSL EDITOR FOR AN SASE... Sam.



# WORLD INTERNATIONAL BROADCASTERS

via Yingling in Maryland

Transmitter Power: 50,000 Watts - ERP in Target Area in Excess Of 1,000,000 Watts  
Transmitter Site: RED LION, Pa., U. S. A.

This is to confirm your report of reception on March 17, 1980  
time 2003-2242 GMT on a frequency of 15185 kHz

WINB Broadcasts With A Transmitter Output Power of 50,000 Watts, Using A Rhombic Antenna System Which Gives An Effective Beam Power in Excess Of 1,000,000 Watts.

OUR EXACT LOCATION IS 39° 54' NORTH LATITUDE 76° 34' WEST LONGITUDE

Remarks:

Signed John Thomas V.P.



We thank you for your reception report and have pleasure in confirming that this is in accordance with our scheduled programming.

Date: 28/12/1980

Time: 0400 hrs S.M.T. 15

Frequency: 4910 KHZ

Programme: Local Home Service

Remarks: Thanks for your report  
Hope to hear from you again

via Marge Witte

A. Harold  
for Chief Engineer,  
Zambia Broadcasting Services.



SUMATRA: RRI Nusantara I Medan 4765 f/d cd. in 7 wks. for an IN rpt. and ms.

Sticker was also rcvd. v/s Cornal R.H. Tabing, Station Chief(Lazarus).

SURINAME: Radio Apinte 5006 f/d ltr. in 1 mo. for an EG rpt. and 2

IRCs. v/s E. Vervuurt, Director.(Leal-ONT). 5005 f/d ltr.

in 2 mo. for 2 IRCs.(Bodek-NY). Radio SRS 4850 f/d

ltr. in 50 ds. for an EG/DT rpt. and 1 IRC.

Stickers rcvd. v/s Roy J. Zschusschen.

QSL Manager.(Falkenhan-MD).

SWAZILAND: Trans World Radio 3240 p/d

folding cd. in 2 1/2 mo. v/s J. Olson,

Chief Engineer.(Kirkland-ONT). 9730 f/d

cd. in 4 mo.(Davis-CA).

SWEDEN: Radio Sweden International 11705 "Do

it Yourself" cd. in 22 ds.(Kononchik-CT).

same in 14 ds. for 2 IRCs.(Mazur-PA).

SWITZERLAND: Swiss Radio International 6135 f/d

"Verbier" cd. in 2 mo.(Moore-PA). 9725 f/d cd.

in 59 ds.(Overstreet-GA). ICRC Broadcasting over

SRI 15305 "Globe-Headphones-Logo" cd. in 7 wks.

This station like address labels included with the

report.(Berg-MA). 7210 same cd. in 83 ds.(Demmitt-PA).

same in 52 ds. for 1 IRC.(Kanopka-NY).

TAHITI: FR3 15170 f/d "Polynesian Girl" cd. in 39 ds. for

an EG rpt.(Rigas-IL). same in 26 ds. for 2 IRCs.(Tokar-

chick-NY). same in 34 ds. for a FR rpt. and 2 IRCs.(Archer)

TAIWAN: Voice of Free China 7130 f/d "Butterfly" cd. in 5 wks.

Also rcvd. a cassette w/ beautiful mx on it.(Matthews-UP).

Voice of Asia 5980 f/d cd. in 14 mo. after 6 follow-ups!(Berg).

TANGIER: RTVM 21730 f/d large "Map" cd. in 1 mo. for a FR rpt. and

1 IRC. v/s Tanane J.(Gliksman-IL).

TURKEY: Voice of Turkey 9725 colorful cd. in 60 ds.(Archer-NC). f/d

"Turkish Dancers" cd. w/ pennant in 15 mo.(Berg-MA). 15360 f/d "Man

\* and Donkey" cd. in 2 mo.(Archer-NC). Turkish Police Radio 6340 paper

cd. in 15 mo. after 3 follow-ups.(Berg-MA). same in 5 mo. for an EG

\* rpt. and 1 IRC.(Valko-PA). Turkish State Metrological Radio 6900 n/d

ltr. in 2 mo. for an EG rpt.(Field-MI).

UKRAINIAN SSR: Radio Kiev 17870 f/d "Gosplan Institute" cd. in 60 ds.(Oksenoff

-CA). 11735 f/d "Logo" cd. in 60 ds.(Forman-NY). 7150 f/d cd. in 2 mo.(Pek-

ich-PA). 9750 "Antenna" cd. in 102 ds.(Demmitt-PA).

URUGUAY: Radio Libertad Sport 6045 f/d plain white and blue "Logo" cd. in 165 ds.

\* for a SP rpt. and 1 IRC. v/s Jorge Cubilo, Director Apoderado. Rcvd. via reg-

istered mail.(Hoffman-PA). same in 234 ds. for a SP rpt. and 1 IRC.(Moore-PA).

USA: KGEI 9615 "Frisco" cd. in 41 ds. for ms.(Kanopka-NY). WINB 15145 f/d red, white

and blue cd. in 2 mo. v/s John H. Norris, VP.(Berg-MA). WWV 10000 f/d cd. in 15 ds.

(Rekich-PA). AFRTS 6030 via Greenville cd. in 6 ds.(Kanopka-NY). 15345 f/d "Logo" cd.

in 4 ds.(Overstreet-GA). WYFR 21615 f/d "Map and Logo" cd. in 35 ds.(Kanopka-NY).

\* 11830 f/d cd. in 34 ds.(Kanopka-NY). Jolly Roger Radio 6210 Bloomington, IN. n/d cd. in

2 wks. to P.O. Box 2414, Bloomington, IN. 47402.(Field-MI).



submitted by  
Marge Witte

Dear Sir,

I was happy receiving your letter telling us that you could heard our Station RRI Ternate.

Your reporting of hearing RRI Ternate on <sup>3345</sup>..... KHz, in <sup>89.68</sup>..... metres, on ~~November 25, 1980~~..... from <sup>13:37</sup>..... to <sup>13:58</sup>.....

GMT or from ..... to ..... Eastern Indonesia Time - WIT - was right /

I am sure that you would not mind to send reporting again next time, when you listen our Station, and I will answer you.

Thank you very much for your kindness.

sent to us by Baxter Hensley

Best Wishes  
RRI  
TERNATE  
RUSDY BACHNID

Head of Broadcasting Section  
RRI Ternate.

USA: Voice of Syncom 6280 f/d ltr. in 3 wks. v/s Willie Weaselworth.

\* (Barto-CT). Voice of Alpha 66 7050 nice personal ltr. on A-66 letterhead in 18 wks. for a taped rpt. v/s Andres Nazario Sargen, Secretario General. (Berg-MA)...Exellent!!!

USSR: Radio Moscow 9680 cd. in 47 ds. (Forman-NY).

UZBEK SSR: Radio Tashkent 6025 f/d "Vase and Museum of Arts" cd. in 10 wks. (Oksenoff-CA). 9540 cd. in 94 ds. (Rigas-IL). 9540, 9600, 6025, 9545 f/d cds. in 6 wks. (Barto-CT).

VATICAN: Radio Vatican 11845 "Palazzo Pio" cd. in 24 ds. (Buttrick-CT). 6015 f/d "Telecomeru Monitor" cd. in 29 ds. (Moore-PA), 15120 cd. in 27 ds. (Kanopka).

VENEZUELA: Radio Lara 4800 cd. in 6 mo. for a SP rpt. and 1 IRC. (Gliksman-IL). Radio Rumbos 9660 f/d "Cata Bay" cd. in 116 ds. for a SP rpt. (Rigas-IL). Ecos del Torbes 4980 ltr. in 60 ds. for a SP rpt. and 3 IRCS. Pennant was rcvd. v/s G. Gonzalez Lovera. (Thompson-ONT). Radio Sensacion 6000 n/d ltr. w/ sticker in 4½ mo. for a SP rpt. (Field-MI).

VIETNAM: Voice of Vietnam 10040 f/d cd. in 71 ds. (Demmitt-PA). same in 2 mo. (Bodek-NY). cd. in 177 ds. (Atkins-WA). same in 6 mo. (Kernan-MA). 15012 f/d cd. in 95 ds. (Oksenoff-CA). 10020 cd. in 94 ds. for 2 IRCS.

WEST IRIAN: RRI Biak 5451 and 7210 f/d (Kanopka-NY).

\* "Indonesian Dancers" cd. in 1 mo. for an EG rpt. and 1 IRC. v/s Usman Iljas. Also rcvd. a very nice ltr. from Mucthar Yushadilaga to whom the EG rpts. should be sent.

\* (Gliksman-IL). RRI Manokwari 6185 f/d prepared cd. in 1 mo. for an IN rpt. and ms. v/s Soedarsono. (Lazarus-LA).

ZAIRE: La Voix du Zaire 15245 Kinshasa-Gombe n/d ltr. in 2½ mo. for a FR rpt. and 2 IRCS. v/s Mabumba Bulisi, Le Directeur Technique de la Radio Television. (Lazarus-LA)...Very nice!

ZIMBABWE: ZBC 3396 large white "Map" cd. in 1 mo. for 2 IRCS. v/s S. Townsend. (Berg-MA). same in 90 ds. for 2 IRCS. (Meyer-WI).

NOTE: Only 114 countries were reported this month. Thats a pretty good turnout but several of the more common countries are missing! Must be the vacation season. Great going fellas...Sam.

John Meyer reports that RRI Sorong has a mailbag type program every Saturday from 1330-1400 GMT. where they answer letters from listeners! Jay Florian reports that he is amazed at the replies coming in from Radio Pyongyang. They do seem to be QSLing Jay but only every now and then..Sam. Leslie Byron wrote me about the same station. Leslie says don't get discouraged even after a few years! He was rewarded with two QSLs in one month!!!

HAP: I really don't know if the HAP Page for this month will appear in this column or on the back page, check it out! We are approaching the \$3,000.00 mark for this year. In Sept. at NEADXO-81 the monies will be distributed to the various participating HAP Chapters and DX Clubs throughout the world. Thank you for all your fine efforts...Sam.

\* If any HAP supporters are interested in obtaining a particular station pennant, sticker or any other item, please let me know. We will try to get it on the HAP Page. Also for any articles that you send me you will get a tax deductible statement for use on your IRS records. All of your purchases are deductible...Sam.

NEADXO-81: Don't forget this years outing either. We have more quality items in stock for the outing than we had for the last two years combined!!! If you enjoyed the previous two outings when we conducted HAP auctions, you haven't seen anything yet!!! You may write to me for more details...Sam.

radio  
new zealand

Shortwave  
Service

# update

July 1981\*\*\*Number 94

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

UPCOMING DEADLINES: 10 July (Mid-July) 20 July (August) 10 August (Mid-August)

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

A NOTE FROM THE EDITOR: I first joined NASWA in 1967 and left for a time when I was in college. When I got back, all correspondence went to Liberty, Indiana. Problems went to Liberty, Indiana. Editors with their own troubles wrote to Liberty, Indiana. When I volunteered to do this column, I wrote to Liberty, Indiana. For all of these years, the man who emptied Box 13 in Liberty has run our club, made it grow, helped it over the rough spots, counseled new editors like me, and generally done everything necessary and possible to keep our little aggregation from splitting at the seams. So far as I know, he gave up his own DXing pursuits to make yours and mine more pleasurable. He deserves the highest possible tribute from all of us in NASWA and really from those anywhere in the hobby.

When I started writing UD each month--it was called DX Hotline then--I ended each column with a special tip of the hat to someone or two people who'd done something special to make that issue possible. The idea lasted about three issues, no more, as space became more precious, but I'd like to revive it this once, and, if I may presume to speak for all UDers, to say on behalf of all of us, "A special tip of the UD hat to Mac Leonhardt from all of us UDers for all of the many, many things you've done for all of us in the hobby over the years. We are truly in your debt." tba

ANGOLA ER Mocamedes, 5100, in PT 0515; UTE QRM. Lively Afr mx above the UTE. (Joe DiLeo, CT) +++ ER Moxico, 5192, in PT 0525; African traditional and high-life mx. (DiLeo, CT)  
BENIN LVRB, 4870, in FR \*0413; very good. NA (similar to FR NA), M anncr w/ s/on anncmts, etc. (Klein, NJ)  
BOLIVIA R. Padilla, 3480, in SP 0030; signal strength suggests increase in power. Bolivian and LA mx, IDs and TCs by W. (DiLeo, CT) +++ R. Illimani, 6026a, in Aymara 0140; very good. Nice pgm of local mx, M anncr in w/ name of next selection. Many flutes. (Klein, Stu, NJ)  
BRAZIL R. Transamazonica, 3525, in PT 0045; fading in and out but easily readable at times w/ Brazilian mx and TCs. (DiLeo, CT) +++ Rdf Taubate, 4925, in PT 0030; talks and frequent IDs and anncmts for Taubate. (DiLeo, CT) +++ R. Guaraja, 5975, in PT 0900 w/ anncmts by M and mx by a composer born in Florianopolis. (DiLeo, CT) +++ R. Guarani, 6175, in PT 0835; good. M anncr, ad string, anncmts, ID/TC, and into PT pop mx. (Klein, NJ) +++ R. Bandeirantes, 6185, in PT 0820; very good. PT ballads, ads, TC for 0530 local, ID by M, more mx. (Klein, NJ) +++R. Tupi, in PT 0844; local mx, IDs and TCs. (DiLeo, CT)  
COOK IS. RCI, 11760, tentative in lang 0840; weak but clear. Local songs w/ anncmts by W in possible Maori, a couple of EG songs. S/off 0908:30. (Martin Foltz, MI)  
ECUADOR R. Luz y Vida, 4850, in SP 0420; fair in QRN. Nice local mx selections, w/ W anncr in after several w/ ID/TC/anncmts, then more mx. (Klein, NJ)  
EQ. GUINEA R. Ecuatorial, 4926, in SP \*0422; very good. S/on w/ tones, old Sousa march, long NA, native mx, M anncr w/ s/on anncmts, ID as LV del Rio Muni, Bata. (Klein, NJ)  
PERU R. Chinchaycocha, 4860, in SP 0407; fair. Vy nice Andean flute selections, and M in every so often w/ talk and ID. (Klein, NJ) +++ R. Andina, 4995, in SP 0400; fair in UTE. M anncr w/ TD and call, into vy nice local mx selections. (Klein, NJ)  
SWAZILAND SCR, 4980, in lang 0445; poor in QRM and QRN. M anncr w/ several ads, ID, mixed bag of pop mx selections. Barely audible through hash. (Klein, NJ)

and a missort:

CAMEROUN R. Garoua, 5010, in lang 0450; very good. M w/ Koran chants. At 0505 recheck, R. Cameroun pgm. (Klein, NJ)

Best of 73, 

# log report section

1600-4899



**TERRY KRUEGER**

I just came back from a vacation to south Florida, and though no new SW catches were heard I did log my first Ecuadorian MW, Frecuencia Mil-996 kHz. In all, an enjoyable trip.

Chicago Area DXers take note of a club of the same name which publishes a monthly bulletin covering most DX categories including MW and SW. The address is: CADX, 2137 W Falwell Ave., Chicago, IL 60645, USA.

- 1610 ANGUILLA Caribbean Beacon; 0330-0410 EG, EZL mx on "Mx to Live By", ID, travel "ad" and said on till 1 a.m. (0500) (Fordyce) Indeed is now closing one hour later, and also noted w/ short SP pgms now... TK
- 2340 ECUADOR R Baha'i; 0356 SP, fair till 0408 s/off. First time since 1976 120m has opened from LA (Greenyer-NZ 5-17)
- 2340 NEW BRITAIN RWNB; 1009 nx or cmtry by PD M, good lvl. At 1022, into island instr. mx. Never bothered to ID, faded 1030 (Cunningham)
- 2370 MEXICO R Norteña (Cf. June LR-A) "This freq. should have been 1370. Since this station is only several miles from 'mi casa' I was getting some bleed-over, hence the "bad reception" and my inability to pick out the ID. Well, it happens to the best of 'em. (Phil Bernacke, Nogales, AZ) Thanks for clarifying... TK
- 3205T BRAZIL R Ribeirão Preto; 0218 PT pops, "Xanadu" and poss ID (Moman)
- 3205 PNG R W. Sepik; 1116 local anmts by M, EZL mx, f (Bryan) 0945 PD M tlk, pop and island mx (Cucura)
- 3209 MOZAMBIQUE RM; 0337-0402 PT, much disco, occasional PT tlk and ID at 0400. Heavy QRN, fair (Valko)
- 3215 SULAWESI RRI-Menado; 1132 IN beer-barrel-polka, W ID, nx, f (Bryan)
- 3220 ECUADOR HCJB; 0320 SP M, interview, ID 0345 (Jordan) 1005 ID, Quechua, pgm of beautiful songs w/ Andean flutes (Buer)
- 3225 VENEZUELA R Occidente; 0204-0355 lively LA mx, TC/ID by SP M, ads T40 rock fair (Reinstein, Valko)
- 3230 LIBERIA ELWA; 0620 vernac M tlk, tribal chanting, f (Klein)
- \*3230 PERU R El Sol; 0100-0115 fair-good till UTE overpowered w/ fast-paced SP M nx on Peru/Bolivia, clear ID/TC and instr. filler mx on good eve opening. Heard last year this time (Krueger 6-7)
- 3235 BRAZIL Cl. do Marilla; 0232 PT fast ltk, ID, f (Moman)
- 3280 ECUADOR LV del Napo; 1016 SP M, mx but mainly cmnts, f (Bolland)
- 3300 GUATEMALA R Cultural; 0400-0430\* EG rel tlk and mx, SP ID 0430 (Spiczka, Bryan)
- 3322 PNG R N Solomon; 0958 PD, island mx, TC, ID, nx (Cucura)
- 3325 GUATEMALA R Maya; 0322 SP/vernac, marimba, M ID, UTE QRM bothered J. Fisher-MEXICO)
- 3335 BRAZIL R Cl. de Conquista; 0115 PT, rel sermon, EZL mx interludes and ID 0131, another 0136; my first, long-sought, ID (Cunningham)
- 3335 PNG R E. Sepik; 0950 PD tlk, 5 pips 1000, tlk, mx excerpts (Buer) 0935 tlk, chimes 1000 followed by a type of yodeling, nx 1001 in EG, mx, and M tlk in lang (Bolland)
- 3360 PNG R Milne Bay; 0920 EG and PD M, pops, ID (Cucura)
- 3375 BRAZIL R Nac. de São Gabriel; 0205 PT taped anmts and clear ID by deep-voiced M, p (Reinstein) 0905 PT, Lam mx, ads ID (Bolland)
- 3380 GUATEMALA R Chortis; 0316 SP LAM marimbas, M ID (Fisher-MEXICO)
- 3385 FRENCH GUIANA FR3; \*0900 guitar IS, LM, FR M ID, nx (Archer)
- 3385 PNG RENB; 1100 M ID, tlk, ID again, local/PD/EG M nx and sports tlk (Cucura, Hensley)
- 3395T PNG NBC; unknown location at 1940, PD/EG. New and first noted today (5-6) w/ EG nx 2000 (Greenyer-NZ) Anyone else?... TK
- 3396 ZIMBABWE R One/ZBC; 0330-0420 EG rel pgm, M ID f-p (Leskowitz, Bryan)
- 3945 VANUATU RV; 0815 EG nx, PD nx // 7260 (Moman)
- 3980NE SOUTH AFRICA R RSA; 0155-0257 EG to Nam, added nf // 9580 (ex-9585), 5980, 9615 (new); IS, ID; poor, unnecessarily low freq since 31 and 49 are open (Wood 6-7)
- 4000 CAMEROON Baffoussam; 0500 tribal mx w/ no proper ID; some EG tlk noted, seems probable (Leithner)
- 4468 BOLIVIA R Movima; 0417 g, vocals, ID SP as "Movima" (Greenyer-NZ)

- 4656 ECUADOR CRE; 0345-0431\*1D, ads, sports, NA, off (Kanopka, Fisher-MEXICO) 0906 (Bryan)
- 4680 ECUADOR R Nac. Espejo; ads, SP ID/TCs, nx, local mx (Fordyce, Earhart, Bryan, Greenyer-NZ, Leskowitz) 0928 (Kanopka)
- \*4730T BOLIVIA R Frontera; 0135 SP M poss. ID but not clear, local baladas mostly uninterrupt. Good 6-7 and other days in June (Krueger)
- \*4730 BOLIVIA R Abaroa; 0426 SP good till s/off 0518. Colonel Bogie March, andc 4760 kHz (Greenyer-NZ 5-28)
- 4756 BRAZIL R Dif. Maranhão; 0910 PT M ID, ads, pops, f (Bryan)
- 4765 BRAZIL R Nac Cruzeiro do Sul' 0341 PT M ID, pops, p (Bryan)
- 4765 BRAZIL R Rural Santarem; 0836-0901 PT mx box, TC, full ID, local pops (Novello, Bryan)
- 4770 NIGERIA FRC-Kaduna; 2330 EG M, C&W and tribal mx, ID, NA 0002\* (Leskowitz, Fordyce, Bolland) 0410, EG TCs, nx (Kanopka, Bryan)
- 4770 VENEZUELA R Mundial Bolivar; 0240 SP, LAm mx, g (Leskowitz)
- 4777 GABON RTVG; 2305-0005\* FR M, nx, guitars and drums, chants, FR disco in EG and FR (Jordan, Kanopka, Bolland, Eckman, Leskowitz) 0515 FR African playing hi-Andes "El Condor Pasa", flutes and all w/ M ID, bell-like sounds 0546. (Klein, Earhart) /Bryan)
- 4780 VENEZUELA LV de Carabobo; 0242 SP IDs, LAm pops, g (Leskowitz,
- 4785 AZERBAIJAN SSR Baku; 0129 Azerb. nonstop local mx, W (Cucura)
- 4785 BRAZIL R Ribamar; 0816 PT M ID, local mx, p (Bryan)
- \*4785T PERU R Coop. Satipo; 0945 SP px of nice Andes mx, M, many ments of Satipo, though no ID, f-g (Klein 5-5)
- 4790 PERU R Atlántida; 0414-0648 SP M, ID/TCs, Blondie mx, SP pops, NA and off (Bryan, Archer, Leskowitz, Eckman)
- \*4796.6 BOLIVIA R Nueva América; SP W IDs, ads, piano mx, p (Bryan) tent. 0048-0120 SP, part of Bolivian net futbol //4945, 6025, 6105 (Gliksman 5-22) 4945?... TK
- 4800 VENEZUELA R Lara; 0030-0347 SP IDs, LA pops (Kanopka, Bryan)
- 4801 ECUADOR R Pop Ind.; 0552 SP M ID, Andes mx, f (Bryan)
- 4805 BRAZIL R Dif. Amazonas; 0925 PT local mx, M ID/QTH/TC, vg (Klein)
- 4807 SÃO TOMÉ RN; 2250 PT flutes, W anmt. NA 2303\*, p (Leskowitz)
- 4810 PERU R San Martín; 0935 SP really wild flutes, ID/TC, mx (Klein)
- 4811 GABON Africa No. Onc; 2230 FR, Jazz, nx, 2300\* (Leskowitz) 0500+ FR pops, exited ancrs, disco, ID (Knudde, Atkins)
- 4814.7 COLOMBIA R Guatapuri; 0137-0450 SF, LA pops, ID/TCs, movie themes and letters read (Eckman, Bryan, Leskowitz, Kanopka) /Bryan)
- 4832 COSTA RICA R Reloj; 0227-0345 SP net lists, M ID, pops (Leskowitz,
- 4835 BRAZIL R Nac. Boa Vista; 0201 PT non-stop light mx, M ID, local pops (Cucura, Leskowitz) 0948 (Bryan)
- 4835 SOUTH AFRICA SABC; 0420 EG tlk on minerals mkt, vg (Klein)
- 4840 VENEZUELA R Valera; 0233 SP anmts, ID, ads (Jordan) 0956 (Bolland)
- 4845 BOTSWANA RB; 0430 EG nx summary into lang, f (Klein, Earhart)
- 4845 MALUKU RRI-Ambon; 1229 IN, "Wabash Cannonball" (Moman)
- 4845 MAURITANIA RN; 2354 AR, Islamic chants, 0000\* (Leskowitz)
- 4850 CAMEROON RN; 2255 FR, US pops, M ID, 2301\* w/ NA (Leskowitz)
- 4855T BRAZIL Por Um Mundo Melhor; 0024 lcl. pops, ads for Coke ID 0030 but not sure of ID (Gliksman) Bryan)
- 4860 PERU R Chinchaycocha; 0630 SP, nice Andes mx, ID jingle (Klein,
- 4865 COLOMBIA LV del Cinarucc; 0050-0400 futbol, SP ID/TCs, pops, ads (Fisher-MEXICO, Gliksman, Leskowitz) 1023 (Bryan)
- 4870 BENIN RB; 0445 FR tribal mx, drums (Leskowitz)
- 4875 COLOMBIA R Super; 0200/0800 SP ads, ID/TCs, HJ mx (9 reporters)
- 4885 BRAZIL R Cl. do Para; 0832 PT, joking ancrs, IDs (Kanopka)
- 4885 COLOMBIA Ondas del Meta; 0948 SP M, vocals/mariachi mx (Bolland)
- 4890T ECUADOR R Centinela del Sur; 0402-0505\* SP coverage of death of Presidente Roldos //4920, poss. IDs, phone calls (Cunningham, Valko, Gliksman)
- 4890 PNG NBC; 1000-1400 EG DJ, pops, gum ads, interviews (Archer, Sharpe, Bolland, Bryan)
- 4895 BRAZIL R Bare; 1002 PT local EZL mx, ID, ads, g (Bryan)

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Terry

# log report *section*

4900-6199



**JERRY BERG**

Greetings from the new management of LR-B. Some interesting off season loggings reported this month—Boliviains on 4945, 6025 and 6105, and Peruvians on 6115, 6175, 6190 and 6195. And R. Reloj has been on the move as well . . . .

- 4900 VENEZUELA R. Juventud, Barquisimeto, "the prodigal pop stn returns" (Cunningham), hrd well in the 0100-0300 period with EE pops and rock, SP IDs, the usual (Jordan, Bryan, Kanopka-NY, Klein-NJ). And with ID and NA at 0355 s/off (Leithner-TN).
- 4905 BRAZIL Gliksmn rpts R. Religio Federal, Rio, 0050 5/27 with time checks, beeps, and futbol, but says maybe Araguaia. (I would say probably Religio—JB).
- 4910 ECUADOR Em. Gran Colombia, Quito, fair-good 0345 6/6 with crowd cheering and ID (Valko), and ID and TC at 0400 5/17 (Klein-NJ). Cunningham rpts on 4912 5/20 with tango mx 0344 and IDs as just "Gran Colombia," and bad het.
- 4910 HONDURAS LV de la Mosquitia, Pto. Lempira, EE 0015-0030, then SP, but sometimes a mix. Sked 1200-1400, 0000-0300, with EE 0100-0130 (Bolland-FL). Hymns 0120 5/6, EE ID 0125 (Cunningham), poor 6/3 in SP to 0300\* after ID (Jordan).
- 4915 GHANA Accra, vernacular chanting 2259 5/13, 2304\* after NA. Fair (Bolland-FL).
- 4920 AUSTRALIA ABC-Brisbane, fair 5/21 at 1355 with ID and Australian nx (Bryan).
- 4920 ECUADOR R. Quito ("la voz de la capital"), 0344 5/25 with coverage of Pres. Roldos' death, live rpts, funeral mx (Cunningham). Same date, fair with ID and ads, background mx, 0505 (Bryan).
- 4926 EQUATORIAL GUINEA R. Ecuatorial, Bata, \*0451 6/1, NA to 0455, ID and fqys, into hi-life mx with some talk. Weak the clear at s/on, then going downhill (Cunningham).
- 4930 GEORGIAN SSR Tbilisi rptd by Reinstein-FL at 0052 on 6/6, opera mx, anthem at 0055, Mayak IS 0058, 6 pips, Moscow ID 0100, RR nx, more mx at 0105. (Difficult to know with certainty where some of these HS broadcasts are from—JB).
- 4935 PERU R. Tropical, Tarapoto, lively Andean mx at 1015, 5/5 (Klein-NJ).
- 4940 VENEZUELA R. Yaracuy, San Felipe, LA mx, ID, ads, 0330 on 6/3 (Bryan).
- 4945 BOLIVIA R. Illimani, La Paz, exc 5/28 at 0303 with "Aqui Bolivia" prgm over Colosal to 0405\* (Greenyer-NZ). Tent., 0048 on 5/22 carrying futbol from Bolivian network, //6105, 6025 and 4797 (Gliksmn). See also 6025.
- 4945 COLOMBIA R. Colosal, Neiva, rock mx 0408, ID, Colombian mx, fair 5/25 (Bryan).
- 4950 PERU R. Madre de Dios, Pto. Maldonado, ID 0100 6/3; weak, het, QRN—tough sig(Jordan).
- 4950 SARAWAK Kuching, fair on 5/21 with ID and EE nx at 1405 (Bryan).
- 4955 BRAZIL R. Cultura, Campos, fair 6/1 with ads, slogans, ID 0900 (Bryan).
- 4960 ECUADOR R. Federacion, Súcuca, closing amnts over Sucre 0253 5/6, 0258\* (Gliksmn).
- 4960 VENEZUELA R. Sucre, Cumaná, poor on 5/25 with ID and NA at 0357\* (Bryan).
- 4965 COLOMBIA R. Santa Fe, Bogota, fair 5/25 with mx at 0520 (Bryan), and on 5/15 at 0912-0945 with bouncy LA pops, IDs and TCs between songs, better at 1045 (Archer-NC).
- 4965 NAMIBIA R. SWA, in vernacular over Santa Fe, 0510 on 5/11 (Klein-NJ).
- 4970 VENEZUELA R. Rumbos, 0250 6/1 with mx, gongs, ads, IDs, fair sig (Bryan).
- 4972 FR. GUIANA Cayenne at \*0900 5/6, IS, NA, ID, brief nx, then mx. FR, natch, and QRMed by Rumbos from 0905 (Oucura).
- 4975 BRAZIL R. Timbira, São Luiz, pop mx and ballads at 0830 5/16, over utc (Klein-NJ).
- 4980 SWAZILAND SCR-R. SR, good at 0455 5/26 with rock mx, ID, TCs, ads (Bryan), and tent. them 6/1 from 0437 in seeming EC, American-style format to 0500\* (Cunningham).
- 4980 VENEZUELA Ecos del Torbes, San Cristóbal, poor 6/1 with pop mx, ID 0346 (Bryan).
- 4985 BRAZIL R. Br. Central, Goiânia, 0053 5/30, ID as "Brasil Central" 0059 (Cunningham).
- 4990 VENEZUELA R. Barquisimeto, fair 6/3 at 0344 with LA pop mx, ID (Bryan).
- 4996 PERU R. Andina, Huanacayo, ID 0518 5/27, NA to 0520\* (Robertson). Rptd as tent. by Gliksmn, same date, vy weak 0051-0123, pops, could not ID.
- 5006 SURINAM R. Apintie, Paramaribo, chanting 0845, fair 5/25 (Kanopka). 5005, Hindustani 0900 5/14, short dramas or ads. NA or IS as lang changed at 0933. Poor (Bolland-FL).
- 5015 BRAZIL R. Cultura, Curitiba, ID, calls, fqys at 0500, into Br. mx. Fair 5/11 (Klein-NJ).
- 5015 UNID. 6/6 0252-0335, SP, Colombian sounding pops, poor with QSB, utes. Possible mention of Caracol. Doubt Moyobamba. Surcolombiana? (Reinstein-FL).
- 5020 SOLOMON IS SIBC, Honiara, fair with ID and RA nx 1000 5/5 (Klein-NJ), ID 1030 5/17, then religious talk (Archer-NC), and ID as "R. Happy Isles" 1030 5/22 (Reinstein-FL). Also hrd with request prgm 1030 5/6 (Oucura), and earlier—0745—with nx, 5/31(Bryan).
- 5030 VENEZUELA R. Reloj Cont., Caracac, good 0241 5/26 with ID, pops (Bryan), and on 6/1 at 0308 with LA mx, ID, ads (logged by John Fisher while in Mexico).
- 5035 PERU Thot R. Imagen with mention of Tarapoto, but too weak to be sure. Andean acoustic guitar mx 5/22 at 1020, TC. Heavy QRN (Reinstein-FL).

- 5040 PERU R. Libertad de Junin, Andean mx 0635 5/11, mixing w/another stn; poor (Klein-NJ).
- 5040 VENEZUELA R. Maturin, mx, ID, 0355\* with two anthems. Fair on 5/26 (Bryan).
- 5050 ECUADOR Unid. 0031-0047\*, 6/6, SP, choir mx, "iglesias" and "dios" mentioned, MoR instrumentals 0042. Ec NA 0045 and gone. No ID; ute QRM, het. (Reinsteinst-FL).
- 5052 SINGAPORE R. Singapore, EG cmtry 1330, mx, TCs, ID. Fair on 6/5 (Bryan).
- 5055 BRAZIL That to be R. Maua, São João de Meriti, 5/29 0029 w/futbol, many //s (Gliksmn).
- 5055 COSTA RICA TIPC, San Jose, good w/ID 0300 5/26, religious prgm; EG (Bryan).
- 5057 ALBANTA Tirana HS, 0305-0330 5/23, talks, ME-sounding mx, poor w/het (Jordan).
- 5060 ECUADOR R. Nacl. Progreso, Loja, pop Ec mx at 1010, 5/15, ID, more mx (Klein-NJ).
- 5075 COLOMBIA R. Sutatenza, Bogota, ID 0914 6-1 (Bryan), ditto 0928 5/21 (Kanopka-NY).
- 5095 COLOMBIA R. Sutatenza, good arnd 0230 on 5/19, 5/26, LA mx, IDs (Bryan).
- 5451 W. IRIAN RRI-Biak, pop mx 1145, IS 1158, ID, YL tkng. On 6/5; poor (Zilmer).
- 5565 CLANDESTINE Anti-Sandinista, anti-Comm. R. 15 de Septiembre, genly hrd in the 0400-0500 period with slogans, shouting, exhortations, strident martial mx. Good sig but low modul and sometimes jamming. Hrd \*0405 one day, 0511\* another (Hauser-TN, Jordan, Fisher-MA, Cunningham). Also 1055-1157 6/5, IDs to 1100, anthem, long ID. Moved to 5555 1106, jammed, back to 5565. Also moves arnd in PM xmsn (Reinsteinst-FL).
- 5770 CHINA Fujian Front Stn (PLA), 2d prgm 1025 5/18 (Jordan), prsmd. 1045 5/11 (Archer-NC).
- 5900 CHINA Fujian Front Stn, 1st prgm, talk, mx, 1040 5/5 (Klein-NJ). (Beware rpt of Chengdo on this fqy; rare that it can be hrd when PLA present.—JB).
- 5930 CZECHOSLAVAKIA Prague at 0300 with features to be hrd in NA xmsn. EG (Miller-MA).
- 5950 GUYANA CBC, Georgetown, sports 0906, ID as "Rgnl svc of GBC, Ch. 2," mx, ads, fair 5/9 (Archer-NC); also fair 6/1 at 0934 with mx and EG ID (Bryan).
- 5950 NICARAGUA LV de Nic, ID, talks, hvy QRN 0210 5/15 (Krumde-RI), ID 0305 5/15 (Posporelis); good with political dialogue at 0515 on 5/25 (Atkins).
- 5953y COSTA RICA R. Relej, San Jose, bouncing arnd down here, strong but badly overmod at 0610, 5/21 (Klein-NJ), 0640 5/25 (Posporelis). See 6017. Back on 6006 6/20 check (JB).
- 5955 COSTA RICA R. Casino, Pto. Limón, EG 0540 5/31, 0602 ID as TIQ (Spiczka).
- 5955 COLOMBIA LV de los Centauros, Villavicencio, ID, fqys, calls 0230, 0325 (Reinsteinst-FL, Leithner-TN), LA mx and IDs 0935, 1032 (Archer-NC, Bryan). Also rptd by Posporelis on 5960, with NA, chimes, ID at \*0945, but believe 5955 is correct fqy. (JB).
- 5965 ENGLAND RCI via Daventry, \*0315 with IS, into RR 5/30 (Leithner-TN).
- 5970 PERU R. El Sol, Lima, ballads, flute mx 1003 5/14 (Posporelis), "Sol en los Andes" 1030 (Klein-NJ), delightful, husky-voiced YL 1049 (Jones-MS). Also fair 5/25 with ID and LA vocals 0430 (Bryan), and tent. 5/27 0050-0120 w/Peru v. Br. futbol (Gliksmn).
- 5965 BRAZIL (out of order) R. Guaiba, Porto Alegre, 0939 5/23 w/IDs, MoR mx (Reinsteinst-FL).
- 5975 ENGLAND BBC, 0515 Big Ben, ltrbox, listeners' comments. Fair 5/24 (Demmitt-PA).
- 5980 S. AFRICA R. RSA, good 5/28 with IS, TC, ID at \*0200, into nx. EG (Bryan).
- 5985 USA WYFF, Okeechobee, FL, "Unshackled" 0000 (Demmitt-PA), rel mx 0056 (Miller-MA).
- 5995 AUSTRALIA RA-Lyndhurst, EG, various times 0800-1400 (Kanopka, Archer, Atkins, Bryan).
- 6000 CHINA Fujian Front Stn (PLA), 2d prgm, vitriolic CC at 1035 (Klein-NJ).
- 6005 CANADA CFCX-Montreal, fair 5/23 w/sports nx, ads, wx from 1105. Good to 1110, then faded arnd 1120 (Archer-NC).
- 6010 BRAZIL R. Aparecida, PT pops 2358, ID, jingle, TC on the hour. Weak but clear and // 5035 5/24-25 (Cunningham). And fair with pops 2345-0015, 5/15 (Rigas).
- 6015 VATICAN Vatican R. EG 0100-0130 5/13, cmtry on shooting of the Pope (Stauss).
- 6017a COSTA RICA R. Relej, ID and TC 0804 6/9 (Jones-MS). See also 5953.
- 6020 HOLLAND R. Netherlands, SP 0010 5/23, sounded like mailbag. 0025\* after ID (Kanopka-NY).
- 6020 USA VOA-Greenville, EG nx recap 0045 (Miller-MA).
- 6025 BOLIVIA R. Illimani, La Paz, great sig 5/29 0130 with SP ID, "Desde la ciudad de La Paz, transmite R. Illimani, la voz de Bolivia." Destroyed by AFRTS-6030 carrier at \*0144 (Reinsteinst-FL). 0045 5/20, pops and campo mx, TC and promo at 0055, slow and clear ID 0101, into noticias. Vy good (Cunningham). Class. mx 0015 5/27, ruined by AFRTS 0210 (Leithner-TN), remotes 6/7 0120-0130 (Wood). And 5/10 with rel prgm and talks 1012, //4945 (Gliksmn), ID 1035 5/18 (Greener-NZ). See also 4945.
- 6030 USA AFRTS, fair w/hockey 5/18 0310 (Wicks-MI), ABC nx 0325 5/24 (Demmitt-PA).
- 6030 CANADA CFCV-Calgary, Alberta, pops 0830 6/1, ID, CFCN nx (Klein-NJ). Pretty unusual logging for this time of the year.—JB.
- 6035 BRAZIL R. Globo, Rio, talks 2352 5/7, ID, nx. Hrd most of May, //11805 (Gliksmn).
- 6040 ANTIGUA DW relay, EG cmtry at 0132, science rpt. Nice lvl, 0150\* (Spiczka).
- 6040 E. GERMANY RBL, SP ID at 2345, 5/24, then Andean-type flute mx. Good sig (Archer-NC).
- 6045 BRAZIL R. Cl. Paranaense, Curitiba, Br. ballads and rock mx from 0012 on 5/11; IDs, could be nx at 0057-0100. Futbol later in the month (Gliksmn).
- 6045 USSR RM, Serpukhov feeder to Plovdiv, Bulgaria (per UHN-33), carrying SP prgm for the Caribbean, 0400-0430 5/16. //s 7115, 7280, 9675 useless (Jordan).
- 6050 ECUADOR HCJB, choir in IT, ID and fqys 1030, into flutes, yipping, 5/16 (Archer-NC).
- 6060 ARGENTINA R. Nacl. Buenos Aires, ID and piano mx, fair at 0606 on 5/31 (Bryan); and at 0902 on 5/20 with ID, fqy armt and nx, all SP (Posporelis).
- 6065 COLOMBIA R. Super de Bogota, fair w/lively LA mx at 0824 on 5/23, screaming ID w/echo (Archer-NC), and SP mx and IDs at 0900, 5/19 (Kanopka-NY). Also rptd 0618 on 6066 (Bryan).
- 6090 ECUADOR HCJB in Quechua, sermon 0930, guit and chorus. ID 0959. 5/10 (Archer-NC).

- 6095t BRAZIL Rdfsa. São Paulo, hrd with futbol on 5/13 at 0015. IDs for R. Tupi and many mentions of São Paulo. Hrd to 0100 (Glikzman).
- 6100 USSR R. Vilnius prgm, fair at 2200 on 5/26 with nx, cmtry, mx, etc. (Demmitt-PA).
- 6105 BOLIVIA R. Panamericana, La Paz, pop mx, ID, sounded like s/off 0028; knocked out by 6100, 5/17 (Glikzman). IDs and EZL mx 0126, fair-poor w/DW QRM from 6100 (Leithner-TN). Andean mx w/lots of flutes at 1022, 5/11, ID and fqys 1030, then "Bolivia Presente" prgm with pop song "Morning Train" as background (Archer-NC). \*1030 on 6/1 with full ID, address, good at s/on but fast fade (Reinstein-FL). Good 5/28 at 1041, "Buenos días hermanos campesinos . . ." (Jones-MS), also good 1042 on 6/5 (Bryan), but poor at 1035 on 5/16 and gone by 1100 (Jordan).
- 6115 COLOMBIA LV del Llano, Villavicencio, ads, pop mx, fair at 0603 on 5/24 (Bryan), full ID by OM at 0858 5/21, mx, fair (Kanopka-NY), and powerhouse at 0900 on 5/10, many IDs incl. Super net, fqys 0929, hot mx and fast talking (Archer-NC).
- 6115 PERU R. Union, Lima, rustic mx 1030 on 6/2, awful Llano QRM but both at about the same level. (Reinstein-FL).
- 6120 ARGENTINA R. El Mundo, Buenos Aires, "Panorama de la Mañana" at 0915, 5/18 (Rigas), and 4 tones, 3 pips at ID at 1000 on 6/5, fair signal (Reinstein-FL).
- 6120 NICARAGUA R. Zinica, Bluefields, Caribbean mx at 0147 5/30, lots of armts. Closing armt as "R. Zinica, voz de la revolución Nicaraguense," anthem, 0155\*. Fair-poor w/CW and ute QRM (Leithner-TN). Hrd 5/23 with frequent IDs, mx, TCs, 1130-1200. Good sig (Bolland-FL).
- 6120 VENEZUELA R. Angostura, Cd. Bolívar, long ad string at 0927, 6/4, ID, TC, then Joined Rumbos net. Fair with het (Jones-MS).
- 6130 CANADA CHNX-Halifax, N.S. with nx, wx, sports, mx, ads from 1203 (Kanopka-NY).
- 6130 ECUADOR HCJB, EG "DX Party Line", fair at 0900-0930 on 5/21 (Kanopka-NY). Also hrd w/rel. prgm 0945, RCI QRM 5/12 (Posporelis), and 1045 w/EZL mx 5/16 (Archer-NC).
- 6135 SWITZERLAND SRI w/mx box IS 0140, ID, into nx, then "Swiss SW Merry-Go-Round" on 5/24. Fair (Demmitt-PA).
- 6150 AUSTRALIA ABC-Lyndhurst, big band mx at 1047 on 5/29 (Sellers).
- 6150 COLOMBIA LV del Huila, fair w/ID during mx at 0630 on 5/24 (Bryan), full ID at 0831, fqys, many "Caracolis," then ballad mx, 5/23 (Archer-NC).
- 6155 JAPAN FEN-Tokyo, "Golden Days of Radio" 1035, 5/27, nx 1100, good sig (Atkins).
- 6155 PORTUGAL R. Portugal, FR at 0035 on 5/25, good but nasty het (Archer-NC).
- 6160 CANADA CKZU-Vancouver, B.C. new wave mx 0630, 5/14, CBC nx 0700, fair (Robertson).
- 6160 COLOMBIA Unid. SP stn hrd at 0955 with LA mx, vocals, ads, nx. ID sounded like three letters, maybe R-E-A, "La Voz de Colombia" (Posporelis). Maybe LV de Huila-6150, Jim, or one of the other Col. nearby. Em. Nueva Granada listed on 6160 (JB).
- 6165 BRAZIL R. Cultura in PT 0002 on 5/27, IDing as "Radio-TV Cultura de São Paulo." Best 49 m. Brazilian this day (Leithner-TN).
- 6165 BONAIRE R. Netherlands, EG at 0250 5/20, "His and Hers"; Jerry gave the closing joke: "We'll be back next week" (Demmitt-PA); and EG to 0620\* (Posporelis).
- 6175 PERU R. Tawantinsuyo, one commercial after another at 1026, ID by YL at 1031, best ever hrd on 5/28 (Jones-MS); flutes, IDs, TCs at 1020 (Klein-NJ). Rustic mx 1014, TC 1024, local ads, fair w/hvy QRM; no ID but pretty sure. 6/1 (Reinstein-FL).
- 6175 ENGLAND BBC, talk about Irish problem at 0425 5/30, into organ mx (Earhart-PA).
- 6180 VENEZUELA R. Turismo, Valera, hrd 5/22 with ID, ads, mx at 0920, and "Buenos días America" (Kanopka-NY), ballads 0935, nx 0956 5/25 (Glikzman), ditto by Posporelis. ID at 1000 on 5/23, "R. Turismo, la estación que llega en el corazón de Venezuela," good sig (Reinstein-FL).
- 6185 BRAZIL R. Bandeirantes, São Paulo, futbol at 2350 on 5/27, ID in ad break, fair-poor until ruined by VOA-6190 at \*2400 (Leithner-TN).
- 6190 PERU R. Oriente, Yurimaguas, \*1103 w/NA, ID, 5/18 and occasionally (Greenyer-NZ).
- 6190 UNID. 5/23, sounded like AR stn with Koranic chants, poor but readable and very steady, 0503-0514 (Valko).
- 6195 ANTIGUA BBC relay, bells IS 0855 5/22, ID as "Good morning, this is the BBC Caribbean Relay opening transmission" at 0900. Nx, exc sig (Kanopka-NY).
- 6195 PERU R. Cuzco, hrd 0915 5/28 and most nights while BBC is off, but blocked 0945 (Greenyer-NZ); and with OA mx, TCs, troubled by het, 1035 on 5/28 (Jones-MS).
- 6195 SINGAPORE BBC-Kranji, good 6-5 at 1415 with prgm review, Big Ben, then ltrs (Bryan).

Except where noted, above logs from Spanish-speaking LA countries were in SP (Port. from Brazil) . . . Introductions: I am 37, married with two children, and began DXing in 1958 with one of those great old plug-in coil sets with the 0-100 logging scale. You never worried about accuracy of frequency readout because you didn't know what band you were in. Some suggestions: When reporting, please include the state where you live so that it can be included with your logging and obviate the need to flip to the last page. Your general location is a key piece of information to others checking through your logs. Also, please note the date of your reception. Things change quickly on the lower bands, and it is important for other members to know when you heard what you heard. . . . Am always happy to hear from members, new or old. See you in August. 73-

*July*

# log report

section

6200-11699



PETER SCHIPELLITI

31 Beaverbrook Road Burlington, MA. 01803 617 272-3142

- 6900 CLANDESTINE R. Vinceremos; 0107-0123 SP, Political rhetoric, occasional patriotic ballads by a chorus. At 0118 ID by Y1 as "R. Vinceremos...Voz Oficial de Farabundo marti por la Liberacion Nacional," and mention of FMLN. Then machine gun sound effects, patriotic singing, ID, shouts, Mx & off. Good level but the usual fuzzy modulation. (Cunningham 5/30)
- 6904v CLANDESTINE R. Venceremos; 1200 SP, After having been on 6981v for a while, and before that above 7000, the FMLN stn opposing the Duarte government in El Salvador landed here first noted 5/18 0110 tnx to Phil Marshall and Andy Newton tip. At 0116\* I believe they gave broadcast times as 8-9 am, 1-3 pm and 6-7 pm, on 40 metros. This time it was on 6902v; the freq. wavers w/ modulation (FMs), and also varies a few kHz. from one xmsn to the next. (Hauser)
- 6905 CLANDESTINE R. Vinceremos; 0038-0048 SP, I wish they'd fix modulation (Cunningham 5/31)
- 6910 IRELAND Radio Dublin; 0250-0337 EG, Pop Mx, mostly oldies, tlks by M DJ. String of ads for Dublin stores @ 0254 then nice ID on the hour as "Radio Dublin 253" Gave address for reports, freqs. & TC in local time. Into 1/2 hour pgm of good Irish Folk Mx. Exc. signal for this my first logging. Now for the QSL! (Cunningham 5/7)
- 6989v CLANDESTINE R. Cuba Libre; 0300 SP, They've been following their annod sked of "11 pm Thursdays & Sundays" (GMT Fri & Mon 0300) very closely, and has a good strong signal & only light interference. (Hauser) Tentative log (Bares)
- 7052 CLANDESTINE LV de Alpha 66; \*0100-0131\* SP, 10 note IS, ID "Para el pueblo de Cuba existe, aqui esta La Voz de Alpha 66" Booming (Reinstein 5/30)(Cunningham 5/7)
- 7065 ALBANIA R. Tirana; \*0000-0026\* EG, IS, ID, items on Albanian Economy, & "What I saw in Albanian" pgm. (Jordan 5/15)(Krudde 5/15)
- 7075 CLANDESTINE R. Trinchera; 0135-0150 SP, excitedly delivered speech, ID (Jordan 5/20)
- 7076 CLANDESTINE R. Trinchera; 0110-0120\* SP, "Cuba! Transmite Radio Trinchera, por una Cuba nueva, en 7070 kilociclos, banda de cuarenta metros" by Y1 w/ usual trumpets & rhetoric. Exc. signal. (Reinstein 6/7)
- 7076 CLANDESTINE R. Cuba Libre; \*0120-0126\* SP, s/on right after R. Trinchera s/off! Many IDs like "Atencion pueblo de Cuba, esta es Radio Cuba Libre, ? organization oficial de Cristiana de Cuba" Audio troubles & finally cutoff in mid tlk (Reinstein 6/7)
- 7078 CLANDESTINE R. Trinchera; 0139-0143\* SP, Typical Anti-Castro cland sound, w/ political rhetoric by OM. At 0141 anthem-like Mx, annctns, ID by Y1 and off (Cunningham 5/18)
- 7120 ALBANIA R. Tirana; 0130 EG, Nx, Mx, & yl tlks (Kononchik 5/17)(Demmitt 5/23)
- 7170 NEW CALEDONIA R. Noumea; 0800 FR, US Pop Mx, IDs, phone calls (Krudde 5/16)(Archer 5/16)
- 7245T ANGOLA R. Nacional; 2232-2311, EG by Y1, believe Nx, then Mx & tlk, hrd mention of Angola, missed any 2300 GMT ID, signal still there at 2311 tune out but lang. couldn't be ID'd, very weak w/ het and ham QRN. (Sellers 5/27)
- 7255 NIGERIA NBC; 0500-0600 EG, OM w/ Nx 0545, Tlk abt Fisheries production. (Johns 5/28) (Spiczka 5/17)(Rigas 5/17)(Atkins 5/30)(Krudde 6/1)(Cucura 5/20)(Earhart 5/25)
- 7260 AUSTRALIA RA; 1011-1024 IN, OM tllking, ID, freqs, waltzing matilda, strongest by 1025. Light ARO QRN (Archer 5/9) (Bolland 5/24)
- 7260T VANUATU Radio Vanuatu; 0815-0843 EG/PD, OM tllking, island Mx, v-poor (Archer 5/16)
- 7280 LIBERIA VOA Relay-Monrovia; 0418 EG, tlk abt a solar powered airplanes. (Earhart 5/30)
- 7345 CZECHOSLOVAKIA R. Prague; 0130 EG, ID, Cmnty: American Global Supremacy. Music: Treasure Waltz. Tlk & Mailbag. (Demmitt 5/23)
- 7390 USSR R. Moscow-Kalinin; 2340-2357 RS, OM & Y1 w/ alt. Tlks. orch theme Mx, folk vocals, Discussion & tlks by OM & Y1, some QRN (Jordan 5/14)
- 7480 CHINA R. Peking; 1155-1215 JP, strange vocalizations backed by exotic instrumentals. Y1 w/ tlks btwn songs. Fast paced Mx w/ strings & flutes. ID @ 1200 (Jordan 5/24)
- 7850 CHINA PIA-FFS; 1500-1520 Amoy, Tlks & CH Mx (Robertson 6/5): 1040 CH (Jordan 5/18)
- 9022 IRAN Voice of The Islamic Republic of Iran; 1940-2000 EG, Nx & tlks (Kononchik 5/20)
- 9170 CHINA CPBS; 1015-1040 CH, Asian & slightly western sounding Mx, //15710 (Jordan 5/18)
- 9410 GREAT BRITAIN BBC; 0200 EG, Nx abt The Pope & Emperor Alexander Haig I (Krudde 5/15)
- 9475 EGYPT Radio Cairo; 0203-0226 EG, Mx, acknowledged QSL's, Nx, ID & address @ 0225. (McCasland 5/24)(Demmitt 5/20)(Earhart 5/5):0000-0100 AR (DuBois 5/28)
- 9495 MONACO TWR; 0645 EG, "Back to the Bible" (Kononchik 5/21)
- 9505 BRAZIL R. Record; 0001-0116 PT, Some sort of Mx festival!(Brazilian Folk), plenty of IDs, //15135 & 6055, heard sgn on May 17 & 31 (Gliksmen 5/3) 20)
- 9505 JAPAN R. Japan; 1600-1615 EG, Asian Nx, Cmnty, Good (Sharpe 5/20): 1730 JP (Bryan 5/9)
- 9510 ANTIQUA BBC Relay; \*0600-0635 EG, Nx, "Press Review" (Spiczka 5/22)

- 9510 CANADA BBC Relay; 2240 EG, Sports Roundup w/ Michael Askey. (Demmitt 5/16)
- 9510 GUAM TWR; 1440-1500 EG, DX Show, Good but het (Wood 5/15)
- 9520 PAPUA NEW GUINEA NBC; 0840 EG, OM w/ race track results, 1cl sports Nx (Klein 5/16)  
(Spiczka 5/17)(Wicks)
- 9525 CUBA RHC; 0630-EG, Nx abt bodies found in El Salvador (Demmitt 5/24)(Spiczka 5/15)
- 9525 POLAND R. Polonia; 0200 EG, "Nx from Poland" Tlk abt UN & Economy (Briscoe 5/13)
- 9535 ANGOLA RNA; 2305-2310 PT, lite Mx from Portugal, moderate style, ID. (Wood 5/23)
- 9535 CANADA Radio Canada Int'l; 0424 EG, OM with anncmts & Mx instead of Nx (Lindley 5/17)
- 9535 PHILIPPINES R. Veritas Asia; 1138 EG, Tlk on handicapped education, coral reef damage,  
world Nx at 1200. Good (Atkins 5/18)
- 9545 BRAZIL R. Universe; 0815-0830 PT, Tlks, ID, Brazilian songs, Fair (Rigas 5/9)
- 9545 SOLOMON ISLANDS SIBC; 0730 EG, Disco & IS Mx, Nx, shut-down suddenly. Equipment  
Failure?, Same thing at diff times 5/17 & 5/20. (Atkins 5/10)
- 9550 CHILE R. Nacional; 1055-1115 SP, song, gong IS at 1100 (same as used to use btwn lang  
NF In Int'l svc) morning Nx by 2 OM w/ TC's, ID @ 1113. Over Cuba. (Buer 5/19)
- 9553 EL SALVADOR R. Nacional; 0335-0358 SP, OM w/ IA Nx, many IDs. suddenly off (Cucura  
5/29)(Oliksman 5/5)(Rigas 5/15)
- 9565 BRAZIL R. Guaiba; 2330-0000 PT, Tlk by OM, EL Mx, time signal @ 2345 (Rigas 5/10)
- 9565 BRAZIL DW Relay; 0138 EG, report on the export of cars impact on trade in Europe.  
Specially concerned with Japan. (Demmitt 5/21)
- 9570 ROMANIA R. Bucharest; 0159-0207 EG, IS, ID, freq list as 15380, 11940, 11840, 11725,  
9570 and 5990. Details were given abt a meeting btwn dignitaries from Romania &  
& Ghana. Good (Bolland 5/23)(Kmdde 5/15)
- 9570 SOUTH KOREA R. Korea; 1230-1330 EG, Nx, cmntry, freq sked. //11830 (Zilmer 6/6)  
(Bolland 5/23)(Williams 5/28)
- 9575 CANADA Radio Canada Int'l; 1500 EG, Nx, Feature: 10 worst films' festival. also NY  
Big Band sounds. (Demmitt 5/10)(Wood 5/17)
- 9575 ITALY RAI; 0100 EG, Report on Pope's condition. Terrorist entered Italy via Spain,  
by forged passport & ID. (Byron 5/14)(Bolland 5/17)
- 9580 SOUTH AFRICA R. RSA; 0155-0257 EG, to Nam, A neat switch from Budapest-QRMed 9585 to  
NF This adjacent channel recently vacated by BBC Ascension; //new 3980, 9615, old 5980;g  
(Wood 6/7)
- 9580 AUSTRALIA Radio Australia; \*1059 EG, ID, Nx by Y1 (Wicks 5/24)(Demmitt 5/16) 5/30)
- 9585 HUNGARY Radio Budapest; 0220-0229 EG, Mx request show, ID, EG lang lesson(McCasland
- 9590 NETHERLAND ANTILLES Radio Nederland Relay-Bonaire; 0227 EG, IS, Ncline, Tlk abt the  
situation w/ Lebanon and Israel + Syria at full alert. (Demmitt 5/19)(Konochik 5/17)  
(Bernacke 5/28)
- 9595 JAPAN NSB; 1100-1116 JP, Sports segment w/ baseball broadcast. (Bolland 5/16)
- 9600 ASCENSION BBC Relay; 2300-0230 World Service in EG, surprise unadvertised switch from  
NF traditional 9580; Nx fine 2300, but under Moscow from 0000 (Wood 5/11)
- 9605 VATICAN Vatican Radio; \*0100-0115 EG, IS, OM, ID, rpt abt attempted assassination of  
the pope, the capture of the suspect, 2 woman hit also, supportive prayers, hymnal Mx.  
Nx bulletin repeated twice. very good (Jordan 5/13)(Demmitt 5/25) 5/12)
- 9610 AUSTRALIA ABC Perth; 1350 EG, classical Mx - Sat night concert (Wicks 5/23)(Robertson
- 9610 NORWAY Radio Norway; 0200-0229 EG, Nx, NO folk Mx, "Listener's Corner", ID & address  
@ 0228 (McCasland 6/1)
- 9615 SOUTH AFRICA Radio RSA; 0155-0257 EG to Nam, helpful additional fqybt does not seem  
NF as powerful as //9585. QRM BBC Euro Service from 0230 (tone tests), 0240 (IS), 0245  
(pgm), also some splash DW-9610; good (Wood 6/4)(Buer 6/5)
- 9620 YUGOSLAVIA Radio Belgrad; \*2215-2228\* EG, IS, ID, Fqy then to Nx by Y1, item on  
Albanian/Yugoslav problem. (Jordan 5/14)
- 9630T CHILE Radio Agricultura; 2330-2355 SP, EG Pop songs w/ SP anncmts, in clear & thru  
REE open carrier. No ID! (Buer 6/5)
- 9630 SPAIN SFR; 0542 EG, ID, Mx, sports Roundup at 0543. (Demmitt 5/24)
- 9635 BRAZIL Radio Aparecida; 0042-0100 PT, Brazilian ballads & EZ Mx, tlks by OM DJ w/  
occasional TC's & jingles by Y1s. Full ID 0100 as "...Aparecida, transmitindo de  
Aparecida, Sao Paulo, Brazil." //6010 & 5035 Fair level but QRM'ed by Spain on 9630  
KHz. (Cunningham 5/26)
- 9645 VATICAN Vatican Radio; \*1930-1945\* EG, classical Mx, Nx abt Pope (Konochik 5/13)
- 9650 GUINEA Voix de la Revolution; 0655-0730\* FR, World Nx by OM, w/ steel drum like Mx  
bridges. From 0702 to 0727, nonstop native vocal Mx, then long s/off anncmts by OM.  
Gave IDs as "Voix de la Revolution." and made several other mentions of Conakry. At  
0729, brief loud rhetoric by OM then NA and off. No sign of South-West Africa this  
night! Propagation??? (Cunningham 5/28)
- 9650T SOUTH AFRICA Radio South-West Africa (T); 0620-0700 Lang/AK, Apparent rel svc in  
Afr vernclr, Afro Indigenous Mx. At 0630, 98% sure ID by Y1 in AK, then Kodak ad,  
muffled tlks by Y1 in AK, & into pgm of old-sounding pop Mx & EZ Mx hosted by same Y1,  
w/ occasional taped commercial ads. Zilch QRM, but terrible modulation made for rough  
copy. Deserves another try! (Cunningham 5/25)
- 9675 BRAZIL Radio Marumbi; 0835-0855 PT, Nx read by OM, ID; Fair (Rigas 5/9)
- 9680 AUSTRALIA ABC-Lyndhurst; 1050 EG, medical pgm, Mx, Financial World (Wicks 5/24)
- 9690 ROMANIA Radio Bucharest; 1945 EG, Tlks, Cmnty, Nx, (Konochik 5/15)

- 9695 KAMPUCHEA VotKP; 1201-1214 EG, In most days w/ Nx, Tlks & Folk Mx. weak signal. (Gliksman 5/28)(Zilmer 6/5)
- 9705 BRAZIL Radio Nacional: 2352-0145 PT, IDs including mention of Rio, into a basketball, they scream "gooooal" after each basket... (Gliksman 5/10 & 5/11)
- 9710 AUSTRALIA Radio Australia; 1240-1300 EG, ID, "Australian Inventor", letters, Wx, IS. Into JP at 1300 GMT (Williams 5/16)
- 9715 NETHERLAND ANTILLES Radio Nederland Relay-Bonaire; 0530 EG, Nx, Cmnty abt Human Rights in America. Recorded statements from officials analyzed. (Demmitt 5/24)
- 9720 SOUTH KOREA Radio Korea; 1600 EG, IS, ID, and Nx (Zilmer 6/3)
- 9725 SWITZERLAND Swiss Radio Int'l; \*0430-0500\* EG, "The Great Sat. Grape Vine" letters, (Konochik 5/17)(0157 EG Demmitt 5/17)
- 9770 AUSTRALIA Radio Australia; 1300 EG, Nx "India launched a rocket" (Strauss 5/31)
- 9770 AUSTRIA ORF; 0130-0200 EG, "Report from Austria", Mx (Browne 6/4)(Demmitt 5/26) (Reid 5/14)(Strauss 5/25)
- 9770 NETHERLAND ANTILLES Radio Nederland Relay-Bonaire; 0740 EG, Nxline (Kanopka 5/15) (Demmitt 5/24)
- 9805 EGYPT Radio Cairo; 2213 EG, Interview w/ an artist, Mailbag "You Ask, We Answer" (Sellers 5/27)
- 9815 ISRAEL Kol Yisrael; 0105-0125\* EG, Y1 w/ Nx, sked by OM, IS (Kanopka 5/16)(Byron 5/25) (Demmitt 5/27)
- 9835 HUNGARY Radio Budapest; 0100 EG, Nx, ID, Cmnty, Mx, Hungarian Industry Tlks (Demmitt 5/31)(Linley 5/12)(DuBois 5/29)(Reid 5/15)
- 9860 CHINA Radio Peking; 0945 EG, Cmnty on Zimbabwe, ID, Tlk on CH Tea production. 1026\* 7/11600, 15435, 17765 (Wicks 5/24)
- 9977 NORTH KOREA Radio Pyongyang; 1215 EG, Tlk on industrial production, illustrated by Mx & songs, tlk on white paper (Byron 5/25)(Jordan 5/19)
- 11445 CHINA Radio Peking; 2345-2348 SP, CH classical vocals by Y1, Tlks and ID. Cmnty & apparent Mx by Y1. no QRM. (Cunninghams 5/26)
- 11620 INDIA AIR; 2030-2115 EG, Wx rpt, Native Mx, Nx & Cmnty. ID as "This is the Gen eral Overseas Service of AIR." (Browne 6/7)(Johns 5/26)
- 11637 ISRAEL Kol Yisrael; 0207-0225\* EG, Nx, ID, Mx & sked. //15582 & 9815 KHz. (McCasland 5/28)(Earhart 5/5)
- 11650 KUWAIT Radio Kuwait; 2000 EG, ID, Y1 w/ Pop Mx (Wicks)(Konochik 5/14)

Thanks to all who contributed to this July issue. I've been doing some RTTY watching the past few days. I just bought a new video monitor. It's a 10" RCA TC-1209 and it is a lot better than the flea market special that I had been using. If I can help any of you with some information, feel free to drop me a line. Take care & 73

WANTED: Instruction manual or copy for the Realistic DX-160. H.W. Bartsch, 47 Elm Street, Rutland, VT 05701.

FOR SALE: National NC-125 SWL and ham receiver, .5 to 35 MHz, Select-O-Ject, and manual. Very good condition, \$95, FCB. Send SASE for photo and information. Charles Klawitter, 4627 N. Bartlett Avenue, Milwaukee, WI 53211.

FOR SALE: Realistic DX-160 in excellent condition with speaker, manual and original carton, \$85 including shipping. Craig Marshall, 3225 Poppleton, Omaha, NE 68105.

FOR SALE: DX-302 receiver in mint condition, \$300. Kenwood SP-120 auxiliary speaker, \$35 or best offer. Bob White, Phone (415) 821-3141 evenings or (415) 981-2129 days. No collect calls.

FOR SALE: Panasonic RF-4900 in excellent condition with all Gilfer modifications. Will ship UPS in sturdy carton. Manual included. \$300 firm. Certified check or money order only. David Branscome, 12 North 28th Street. Newark, OH 43055.

FOR SALE: Collins R-390A in excellent condition with spare 3TF7 ballast tube and complete USAF manuals, \$600. Local pickup preferred, but other arrangements possible. Andy Robins, Phone (616) 343-1890. Not collect, please.

WANTED: DX-160 receiver. State condition and price. Roy Cain, 710 North 34th Street, Apt. 114, Monroe, LA 71203

# log report *section*

11700 TO 17699

# D

## STEVEN WISEBLOOD

- 11700 DOMINICAN REPUBLIC R. Clarin: \*2215-0500 LAM & US MoR mx, tlk by M in SP, EG ID tape by Rdy Espinal, still mentioning 4850 (6 reporters)
- 11700 VATICAN STATE VR: 2055 "African Roundup" EG religious pgm(Archer-NC).
- 11705 AUSTRALIA RA: 1138-1148 M&W interviewing a sports figure(Bolland-FL).
- 11705 SWEDEN RS: \*2300-2330 nx in EG, economic aid to poor (Strauss 4/5). \*0230-0255 ID, EG "Saturday Show", DX pgm (Leskowitz, Bernacke, Earhart).
- 11708\* NIGERIA VoN: 0530-0540 EG to EafR, Highlife mx. G (Wisblood 6/18)
- 11710 ARGENTINA RA: \*0100-0130 EG nx, cmntry, fsys. F(Spiczka 5/2, Wicks).
- 11710 NEW CALEDONIA R. Noumea: 0700 FR pop mx pgm, M in FR. F (Kanopka-5/15).
- 11710 EUROPEAN RSFSR RM: 0045-0125 "Listeners Letterbox" EG(Lindley, Archer).
- 11715 CHINA R. Peking: 1719 M in CH w/tlks. F (Robertson 6/6).
- 11715 SWITZERLAND SRI: 0402-0600 EG nx, cmntryM ID's, "Dateline"(4 reports).
- 11720 EUROPEAN RSFSR RM: 2305-0111 EG nx & cmntry, ID(Wicks-MI, Hensley).
- 11720 CANADA CBC-NS: 1600 replaced "Quirks & Quarks" w/mx (Archer-NC 5/23).
- 11725 SOUTH KOREA RK: 1005-1058\* EG nx & cmntry, fgy sked.G (4 reports)
- 11730\* QATAR QBS: 1750-2000\* AR vocals, stringed instrumental mx, AR anmts, EG taped ID, send reports to Box 3939, Doha. P(Fisher,Cucura,Jordan).
- 11730 GREECE VoK: 0130-0340 SP & EG pgms, M&W ancrs, Greek vocal & string instrumental mx, sounds like AR mx, //9515, 9655(Browne,Lindley).(Reid/
- 11735 EUROPEAN RSFSR R. Kiev/Vilnius: 2215-2355\* EG nx, cmntry(Leskowitz, /
- 11740 MADAGASCAR RN: 1953 FR tlk, Jazz pgm. Srtong (Moore 5/25).
- 11745 NETHERLANDS ANTILLES TWR-Bonaire: 0130 EG nx, S/off. VG (Demmitt-PA).
- 11745 TAIWAN VoFC: 1100-1200 Discourse in JP by M&W. G (Bolland-FL 4/25).
- 11745 PORTUGAL R. Renascenca: 1855 ID by W, PT pop mx (Fisher-MA 5/22).
- 11750 SINGAPORE BEC: 1829 EG nx, cmntry, ID, S/off (Bryan-CA 5/25).
- 11755\* GABON Africa #: 0506-0730 Tlk by M in FR, FR pop mx, Clecl mx, Afro highlife mx, heavily accented FR anmts, //4811(Hauser,Klein, Munster).
- 11755 FINLAND RF: 2040-2100 M in EG w/sports tlk, into local lang. @ 2100, IS & ID. F-G (Briscoe-IN). 0255-0300 lcl mx, IS. P-F w/QRN(Earhart-PA).
- 11760\* COOK ISLANDS RCI: 0600-0905\* R. Australian nx relay on the hr, phone-in request pgm, M ancr in EG, MoR/rock & island mx. P-F w/het(12 reporters)
- 11765 CHILE RN de Chile: 0446-0508\* M ancr in SP, hit mx parade, ID & gong @ 0505 S/off. First time in 2 years that I heard gong! (Briscoe-IN).
- 11770 PHILIPPINES R. Veritas-Asia: 0920-0925 EG pgm, W ancr w/fsys(Castanon)
- 11770 NIGERIA VoN: \*2030-2100\* World nx & cmntry in EG, ID's,NA(3 reports).
- 11775\* PORTUGAL RP: 2034 W in EG w/nx to Europe, ex-11800 (Moore 5/25).
- 11775 SPAIN SFR: 0430-0500 SP pgm to SAM, cmntry, SP mx (Hitsman).
- 11777\* NIGERIA VoN: 1540 C&SAfr svce audible here-but fading out. LP(Hauser).
- 11780 BRAZIL RN: 1005-1012 Nx by M in PT, cmntry. G (Bolland-FL 5/15).
- 11785 UZBEK SSR Tashkent: 1403 EG nx & cmntry. P-F (Wicks-MI 4/19).
- 11785 BRAZIL R. Guaba: 0950-1001 Tlk by M in PT, ads, nx @ 1000(Bolland).
- 11790\* LEBANON RL: 0238-0327 AR vocals, EG tlk, into SP. F (Novello,Jordan).
- 11790 INDONESIA VoI: 1358-1500 ID in EG, ID, fsys, nx by M. G(3 reporters).
- 11800 ITALY RAI: \*1935-1955\* EG nx, followed by IT lessons. VG(Kononchik). \*2200-2205\* EG to EAs, M w/nx. G (Buer 5/12). 0104-0135 Continuous chirping bird IS, no bdcst tonite, just the IS! (Briscoe-IN 5/16).
- 11810 ASIATIC RSFSR Blagoveshchensk: 1049-1100 RM to Japan, RS & JP vocal selections, tlk by M in JP. Fair (Bolland-FL 4/25).
- 11810 BULGARIA Sofia: 2134-2200 EG nx, cmntry, ID (McCasland 5/24).
- 11815\* MOROCCO RTVM: 2045-2100 AR tlk, political speech, ID. G (Buer 5/23).
- 11815 JAPAN RJ: 1700-1730 EG nx, cmntry, JP 1715-1730. F (Robertson 6/6).
- 11815 PORTUGAL/WEST GERMANY RFE: \*0500-0505 IS, ID's by M, World nx by M in Romanian, Excellent lvl & no jamming! (Cunningham 5/24).
- 11815 POLAND RP: \*0200 EG nx, mailbag, //7270, 9525, 15120, G (Reid 5/30).
- 11817\* MOZAMBIQUE Maputo: 0540-0610 nice MoR-PT pop mx, M ancr in PT, W @ 0600 w/money exchange rates in PT to 0610. G-VG! (Wisblood 6/18,-19).
- 11825 TAIWAN VoFC: 1225-1245 discourse by M&W in Mandarin CH, ID by W, P (Jordan 5/19). W in JP to 1500\*, NA. VG-Exc (Wisblood-CA 6/18).
- 11825 CANADA RCI: 0619 EG to Eur & Afr, repeated @ 0630 (Johns 5/14).
- 11825 TAHITI RT-Papeete: 0620 lcl island mx, tlk by M in FR(Alexander 5/16).
- 11830 SOUTH KOREA RK: \*1559-1700 IS, ID's, nx in EG(Hensley, Zilmer, McCasland)
- 11830 LIBERIA ELWA: 0730-0759 topic: Telling the Truth, EG;QRN (Spiczka).
- 11835 SRI LANKA AWR: 1100-1131 Billy Graham Crusade, ID, "Radio Monitors International" pgm, features on Lesotho, SLBC ID(Glikeman,Leskowitz).
- 11835\* HAITI 4VEH: 2309-0001 EG religious tlk & mx, much QRN (Spiczka).

11835t URUGUAY R. El Espectador: 0010-0031 SP sports pgm (Gliksman 5/12).  
 11840 EAST GERMANY RBI: 0334 EG interview with a political cartoonist who sketches political satire. (Miller-MA 4/27).  
 11840 GUAM TWR: 0846 religious vocal mx, nx by W in EG (Kramer 5/23).  
 11845 VATICAN STATE VR: 0058-0115 IS, ID's, EG rel nx, //9605(Lucas,Williams)  
 11855 SAUDI ARABIA RBSKSA: 2035-2101\* M&W in EG, Clscl mx, "Nightdreams" pgm featuring EZL mx, M w/ID, fqys @ 2100, NA. G (Briscoe-IN 5/24).  
 11865 PORTUGAL DW: 0120 nx in EG, cmntry. VG (Demmitt-PA 5/24).  
 11870 EUROPEAN RSFSR -R.Vilnius: 2200 EG tlk on Ruskie immigration (Byron-NY).  
 11880 SPAIN REE: 0000-0525 EG nx, cmntry, SP mx. F(Demmitt,Bonnet,Bernacke).  
 11885 URUGUAY SODRE: 0027-0047 SP tlk, many EG ID's, Hvy QRN (Spiczka 5/20).  
 11890 CHILE RN: 0230 SP PSA's, ads, 50 degrees in Santiago. VG(Grosvenor).  
 11900 SOUTH AFRICA R. RSA: \*2100-2110 "Africa Today", EG nx(Posporelis 5/1).  
 11910 HUNGARY R. Budapest: 2010 EG nx, cmntry, F-G (Kononchik-CT 5/21).  
 0202 EG World nx, cmntry, "Press Desk" pgm (Miller-MA 5/3).  
 11914t PARAGUAY RN: 2302-0203 SP ballads, nx by 2 M in SP w/names of stns in the net, Clscl SP guitar mx, ID's, NA & S/off @ 0358\* (6 reporters).  
 1110-1231 Campesino-Ranchera mx, many ID's by M, F w/het (Reinstern-FL).  
 11920 IVORY COAST RTVI: 0630 Poor w/Afro highlife mx, FR tlk (Robertson).  
 11920 EUROPEAN RSFSR RM: 0400-0408 EG political tlks, G-VG (Earhart-PA 5/25)  
 11925 PORTUGAL RP: 0306-0330 EG nx, ID, sked w/fqys, DX rpts(Posporelis,...)  
 11925 GREAT BRITAIN BBC: \*1640-1650 4-note IS, EG ID, Polish tlk(Buer).  
 11925 GREECE VOA relay-Kavala: 0345-0358 EG cmntry //15160 (Earhart-PA).  
 11940 ROMANIA Bucharest: 0401-0427 EG nx, cmntry, ID'S (McCasland 5/31).  
 11940 CANADA RCI: 0205-0220 DXD instead of Mailbag, no GH heard(Lucas-CA).  
 11945 NEW ZEALAND RNZ: 1000-1130 EG nx, sports, MoR-pop mx, ID "Mustt till Midnight", Xlnt nice clear fqy! (Bonnet 5/20,Sizler-IN 5/21,Williams).  
 11945 CHINA RP: 1200-1250 EG nx, cmntry, "Music From China"(Zilmer,Wicks-MI).  
 11955m PORTUGAL RP: 0200-0210 PT nx, not //11925 PT, F (Wood 5/26).  
 11960 EUROPEAN RSFSR RM: 2340-0000 EG nx, cmntry, DX pgm (McCasland 5/29).  
 11965 SAUDI ARABIA Riyadh RS: 2200-2224 Middle-Eastern mx w/M&W ancrs in AR, A jammer, with CW call "0314" repeated twice, is on 11970. F(Bolland-FL).  
 11975 EAST GERMANY RBI: 0000-0314\* EG nx, political cmntry, //9730 (3 rpters).  
 11990 CZECHOSLOVAKIA Prague: 0030-0100 nx read by M in Czech, cmntry on racism (Rigas 5/27). 0110 EG nx, cmntry, ID. F(Castanon). 0300-0325 ID, EG nx, cmntry, fqys & skeds, "Topic of the Day"(Posporelis,McCas'nd) 1953 EG nx, cmntry, Czech mx. P-F (Kononchik 5/20).  
 11990 ASIATIC RSFSR Vladivostock: 1210-1230 Mayak pgm, RS folk mx(Jordan5/21)  
 12000 AUSTRALIA VNG-Lyndhurst: 0733-0746 Time pips, ID amnts(Reid,Rigas).  
 12015 AUSTRIA ORF: 0430-0456 IS, ID, EG nx & cmntry (Kononchik,Bonnet,McCas'nd  
 12050 ASIATIC RSFSR Petropavlovsk: 2200 NA, EG nx, propagands. G(Demmitt).  
 1124-1140 IS, ID, fqys, "Today in Moscow" F-G (Archer-NC 5/16).  
 12070\*\*MONGOLIA RUB: \*1220-1255\* IS, ID, nx by M in EG, oriental mx, fqys & sked, Moscow co-channel (6 reporters). \*1716 Poor w/IS, ID's by M&W in EG, sked, nx by W in EG (Bryan-CA, Lucas-CA). Short-Path-ScW  
 12095 GREAT BRITAIN BBC: 2230-2240 EG World financial reports(DuBois-FL).  
 12175 ICELAND RI: 1939 Icelandic mx, ID, Wx. Poor, in SSB (Leskowitz).  
 13784 CLANDESTINE Looking for North Star Radio pirate, 1205 5/22, instead heard a 5-digit SP numbers stn, by a W untin "Final", //6892 (Hauser-TN).  
 13785 PIRATE Radio North Star: US oldies mx 1037-1100. P-F, UTE QRM(Hauser).  
 14433h GABON Africa #1: 0523-0548 Afro pop & highlife mx, tlk by M in FR, Weak w/deep fades, seemed //4811 (Cunningham 5/24).  
 14728 ISRAEL Galei Zahal: 2225-0430 lite MOR vocal mx, amnts in Hebrew, a few US pop tunes, ID's & brief nx on the hour. Xlnt (6 reporters).  
 14996 USSR RWM: 0100-0110 time signals & lengthy CW ID @ 0109 (Kramer 5/21).  
 15000 CHINA BPM-Lintong: 1159-1232 time pips, CW ID & ID by W(Rigas,Bolland).  
 15000 ARGENTINA LOL 2250-2300 CW & voice ID's. F-G (Kramer 5/20).  
 15010 VIETNAM VOV: 1802-1845 EG Mailbag pgm, nx by M&W in EG(Leskowitz,Wood).  
 15045 GRENADA RFG: 2200-2345 ID, pop mx, nx by M in EG, TC, QRN(6 reporters).  
 15070 GREAT BRITAIN BBC: 0205 EG World nx(Miller-MA). 1315 "British Press Review", cmntry on Poland (Halsema 6/9). 2215 "Science in Action"(Wicks)  
 15077 AFGHANISTAN RA: 1830-1900 GM nx & tlks to 1900, then EG nx & cmntry on threats of imperialism. G (Leskowitz 6/8, Wood 5/31). (Robertson,Archer/  
 15084 IRAN Tehran: 1505-2100 nx by M&W in Farsi, cmntry. G(Leskowitz,Jordan/  
 15100 ASIATIC RSFSR R. Kiev,Vladivostock: 2330 EG nx, mx & cmntry(Demmitt).  
 15105 MALTA DW-relay: \*0120-0150\* EG nx, cmntry on Soviet Summit(Wicks)  
 15110n BULGARIA R. Sofia: 1911-1930 ID by W, IT pgms. G (Bolland-FL). 2235-2345 DX pgm by M&W in EG, EG nx, cmntry, //15330(Alexander,Johns,Buer).  
 15115 AUSTRALIA R.A.: 0700-0712 EG Wld nx & Aussie pop mx. G (Halsema 6/1).  
 15120 POLAND R. Polonia: 0159-0318 IS, ID, EG nx, cmntry, uncensored tlk by the President of the Polish-American congress, referred frankly to "plight of the Polish people, indebtedness of Poland", "danger of foreign interference", //9525, 11815. G(9 reporters 5/21,23,28 & 6/4).

- 15120 NIGERIA VON: 1130 EG wld nx, ID, cmntry on terrorism (Matthews 5/24).  
1529 EG cmntry by M on Guinea-Bisseau, ID. G (Bryan-CA 5/19). 1759 EG  
nx, cmntry, many ID's by M ancr (Leskowitz 5/22). 2130-2159 EG "World nx"  
cmntry, to Nafir, Hvy QRM from Vatican Radio 2100-2130 (Browne, Bolland-FL).  
0550-0600 FR pop mx, IS @ 0557, into EG @ 0558, wld nx in EG @ 0600,  
Afro high-life mx, not //7255 which is FR, EG 05-0533 (3 reporters).
- 15135 NORWAY RN: 2100 IS, S/on anmts in Norwalgan. G (Wood 5/14).
- 15135 BULGARIA R. Sofia: 2130-2200 IS, ID, EG nx (Castanon, Williams, Buer 6/4).
- 15135 BRAZIL R. Record: 0001-0116 Brasilian folk mx festive, plenty of ID's  
//9505, 6055, Heard again 5/17 & 5/31 (Gliksmn 5/3).
- 15140 ASIATIC RSFSR RM: 2200 NA, ISM EG wld nx & cmntry. VG (Demmitt-PA 5/16).
- 15150 INDONESIA VoI: 1400 ID in EG, W ancr, clobbered by RMWS (Archer-NC).
- 15150 UKRAINIAN SSR RMWS-Simferopol: 1408 M w/nx in EG, ID (Archer-NC 5/16).
- 15150 CHILE RCN: 2230-2338 SP anmts by 2 M, futbol game (Posporelis, Leskowitz)
- 15155 CUBA RHC: 1859-1900 IS, EG ID, SP pgms (Lindley-AL). 2129 EG (Ketzis).
- 15160 AUSTRALIA RA: 0603 EG nx by M, ID, MoR-pop mx. G (Alexander 5/16).
- 15165 CHINA R. Peking: 1617-1625 EG cmntry by W on Taiwan, Clscl mx (Hensley).
- 15170 TAHITI Papeete: 0320-0615 Polynesian-island vocals, FR & Polynesian tlk,  
nx @ 0600 by 2 M in FR (Cucura, Knudde, Bonnet, Jordan, Leskowitz, Earhart).
- 15175 MEXICO La Voz de America Latina: 0230-0300 M ancr in SP, Clscl mx (duBois)
- 15175 BELGIUM BRT: 2246 SP pgm details (Leskowitz). 0040 EG pgm (Lindley-AL).
- 15175 ECUADOR HCJB: 0220-0230 SP religious tlk, ID's @ 0230, TC (Buer 6/5).
- 15188 BRAZIL R. Inconfidencia: 0259\* MoR instrumental mx, fsys, ID (Novello).
- 15190 CONGO RC: 2230 Lovely Afro highlife mx pgm, FR anmts (Leskowitz 5/21).
- 15212 BRAZIL R. Timbira: 1020-1100 several PT ads, IDM sports nx, PT pop mx,  
fading fast with het on the high side. (Buer 5/18).
- 15220 MADAGASCAR RN: 1830-1844 M ancr in EG w/"Happy Stn" show (Lindley, Sellers)
- 15225 TUNISIA RT: 2305-2335\* Middle-Eastern string & vocal mx, AR tlk, ID,  
Koran chants, S/off anmts, //7225, NA (Gliksmn 5/3, Leskowitz).
- 15225 ECUADOR HCJB: 0630-0642 EG pgm //11835, topics (Alexander, Earhart-PA).
- 15235 JAPAN RJ: 0150 M&W ancrs in EG, features on Health, Education (Wicks-MI).
- 15240 UNITED NATIONS UNR: Friday-only Caribbean Magazine noted 2219 5/15  
during 2215-2230 xmsn, announced 15305 @ S/off!, also 11830 annc'd (Hauser)
- 15245 LIBYA LBC: 0045-0100 AR vocals, AR anmts. Very Strong (Rigas 5/9).
- 15245 ITALY RAI: 0304 IS heard u/VOA, too poor to hear Audio (Clift).
- 15255 PORTUGAL RFE: 2100-2130 nx in Czech, magazine pgm, weak jamming (Rigas).
- 15270 TAIWAN VoFC: 2140 EG nx, fsys, IS, ID. F (Zilmer-WI 5/27).
- 15270 SWEDEN RS: 0238 noted here w/xmsn to NAM, "Saturday Show" (Miller-MA 5/3).
- 15285 BANGLADESH RB: 1835 brief EG news break, ID, very weak (Robertson 5/5).
- 15290 BRAZIL RNB: \*159-0302\* IS, EG sked, address, nx, wx, "Mailbag" (6 rpters).
- 15295 MALAYSIA VoM: 0300 Clscl mx, ID, nx by W on half hour. F (Kramer 5/31).  
1225-1245 Discourse by M in lang, VP (Bolland-FL 4/26).
- 15300 FRANCE RFI: 1620 wld nx by M in EG. F (Sellers 5/30).
- 15305 ECUADOR HCJB: Baghdad usually ruins Switzerland's 2145 broadcast in EG  
on 21585, which otherwise is excellent summers in ENAM, now //15305 is  
also ruined by HCJB on new fgy to Eur, in SP, noted 2205 5/15 (Hauser-TN)
- 15305 SWITZERLAND SRI: \*0143-0215 IS, TC, EG nx on Switzerland (McCasland).
- 15310 BULGARIA Sofia: 0045 EG tlk, Bulgarian folk mx, church mx (Miller-MA).  
0202 IS, ID, SP S/on anmts, nx by M in SP //11765, F (Clift).
- 15310 JAPAN RJ: 0301 IS, ID by M in EG, EG nx, cmntry. P (Bryan-CA 5/18).  
1900 EG nx, program guide, DX news, //11815, 17755. F (Zilmer 6/7).
- 15315 SWEDEN RS: 0230-0300 Nordic nx by M in EG, //better 11705. F (Wood 6/2).
- 15315 CLANDESTINE Voice of Iran: 0333-0359\* rapid tlk by M in Farsi, brief  
patriotic mx, trumpet fanfare, Instrumental mx. P-F (Jordan 5/17).
- 15318 GUINEA Conakry: 1843 long discourse by W in EG (Robertson 6/6).
- 15320 UAE Dubai: 0330-0355 ID, nx by W in EG, stn address (McCasland, Williams).
- 15320 AUSTRALIA RA: 0358-0458 IS, fsys, nx by M in EG. G (Bernacke, McCasland).
- 15330 BULGARIA Sofia: 2140-2229 EG nx, ID, "Listeners Letterbox" (Kononchik-CT).  
2328-0041 sked by M in EG, ID, Bulgarian culture day pgm (4 reporters).
- 15333 COLOMBIA NCN: 0231-0327 Clscl & operatic mx, SP anmts (Hensley, Leskowitz).
- 15335 INDIA AIRL 1400 EG nx by M, "Listeners Choice", G (Robertson 5/14).
- 15350 ZAIRE LVZ: 2214-2340 FR anmts, Afro high-life mx, ID @ 2300 (Robertson).
- 15360 ECUADOR HCJB: 0034-0300 ID, EG nx, sermons, DXPL, G (7 reporters).
- 15365 CANARY ISLANDS REE relay: \*2130-2200 IS to 2147, S/on anmts in SP (Buer).
- 15365 BELGIUM BRT: \*2240-0100\* to NAM, EG 0015-0100, an improvement from  
ex-15385, altho. HCJB is a problem on 15360 after 0030, "Brussels  
Calling", "Musicbox", "DX Corner", "Off the Beaten Track" (8 reporters).
- 15380 SWEDEN RS: 2300-2330 EG nx, sports tlk, DX pgm "Sweden Calling DXers",  
much better now that Belgium has moved, //11705. VG (Wicks-MI, Strauss).
- 15380 CYPRUS BBG-WS: 0125 EG "Outlook", // 15260, 15070, 11835, 11750 (Clift)
- 15400 FINLAND RF: 0231 EG nx, state of the Finish economy (Leskowitz 5/6).
- 15400 BANGLADESH RB: 0355-0445 W ancr in lang, lcl ml. P (Bernacke 4/27).

- 15410 RWANDA DW-relay: 1200 IS, ID, EG nx & cmntry, F (Zilmer 6/3).
- 15425 SRI LANKA SLBC: 0040-0130 "Big-Band" mx, pop mx, Birthday anmts, ID, "Back to the Bible" @ 0100. P-F (Clift 4/3, Wicks-MI 5/15, Eckman 5/24).
- 15425 ASIATIC RSFSR Nikolaevsk: 1745-1910 RMWS EG pgms, //15245 (Robertson).
- 15425 PHILIPPINES VOA-relay: 1350 EG pgms, "Studio One" (Wicks-MI).
- 15425 FRANCE RFI: 2115 M ancr in FR, pop/rock mx, ID's, many //s. G (Archer-NC)
- 15425 AUSTRALIA ABC-Perth: 0933-0942 EG anmts, MoR pop mx. F (Halsema 5/29).
- 15430 JAPAN RJ: 2344-0045 IS, ID, fmys, nx by M in EG (Cunningham, Wicks-MI).
- 15430 MEXICO XERMX: 2300-0124 brief EG taped feature, SP mx (Johns, Clift).
- 15435 GABON RFI-relay: on late with election coverage, 5/10 2235, it went off the air shortly afterward, but was back //15125 with a satellite delay behind it, until both S/off @ 2300\* after La Marsellaise (Hauser-TN). 2115-2130\* FR nx, anmts, ID, choral NA, better than //15425 (Buer 5/22).
- 15440 ECUADOR HCJB: 0620-0630 tlk by M in GM, hymns, sked, flute mx (Jordan 6/3)
- 15440 PHILIPPINES FEBC: 1330-1344 EG nx, choir mx, religious sermon (Zilmer).
- 15445 BRAZIL RNB: 2215-0215 PT agricultural tlk, into EG @ 0200 (Miller-MA, Leskowitz). 0922-1155 ID, M ancr in PT, PSA's, nx (Halsema, Posporelis).
- 15455 ASIATIC RSFSR Petropavlovsk-RMWS: 1735-2239 EG nx, ID & cmntry (4 rpters).
- 15460 UZBEK SSR R. Tashkent: 1200-1230 IS, ID, EG nx, cmntry on US & CH, Mailbag pgm, anti-U.S. propoganda (Leskowitz, J Williams, Archer, Jordan).
- 15485 NEW ZEALAND RNZ: 0500-0715 EG nx, pop/MoR mx, sports nx, TC, ID, Clisc1 mx. "Tonight" tlk pgm (Alexander, Cucura, Kononchik). RNZ often difficult to receive 0500-0600 due to USSR jamming Israels RS bdst 0535-0600, but RNZ received clearly on 5.23 @ 0522-0536 w/"Pacific mx" (Munster-GA).
- 15510 CHINA RP: 1735 tlk by W in CH, no ID heard (Robertson 6/5).
- 15520 CHINA RP: 1200-1255 IS, ID, EG nx, cmntry, "Music from China" (Williams).
- 15555 CLANDESTINE R. Vatan: Poor 1733 w/tlks by M in Farsi, ID (Robertson 6/6).
- 15560 AUSTRIA ORF: \*1805 EG pgms, "Short-Wave Panorama". G (Reid 5/10).
- 15582 ISRAEL Kol Israel: 2240 EG nx, cmntry, "Sunday Scene", F (Atkins, Leskowitz \*0000-0030\* EG nx, Hebrew vocals mx, "Studio Three", ID (Alexander, Bernacke, Kononchik). \*0100-0130\* EG World & Jewish nx. (Bonnet, Ketzis).
- 15790 CHINA Voice of the Malayan Revolution: 1520 EG cmntry, mx, F (Atkins 5/4).
- 16433 KIRIBATI (pronounced Kirbas), coming in quite well on this SSB feeder to Christmas Island (which is almost due east of Kiribati), during BBC "Men from the Ministry" pgm transcription pgm. @ 0627 lcl anmt by W was hard to understand due to a heavy accent, and, worse, whenever the mike at the studio is left open, a high noise level comes up on the AGC circuit, as if there were an airplane next door, or more likely, a generator. TC at 0630 heard just before a BBC type transcribed pgm, (a panel game of ladies vs. gentlemen spotting errors in a text read to them). Light MUX WRM from 16430 but Kiribati getting stronger as time went on. ID @ 0656, fill mx to 0700, then live relay of BBC nx, echoing compared to //15070, 0709 almost unintelligible lcl nx in EG, 0716 ad for something in bottles, TC, 0728 Mary(?) said Good Night, ending EG pgm, any doubt that she spoke EG vanished when a M came on in obviously lcl language; suppose to be lkW, to be raised to lokW (Hauser-TN) 0700 BBC EG nx, lcl nx @ 0710 (Greenyer-NZ). EG Quiz show to 0658, BBC nk @ 0700, lcl nx @ 0710 w/wx, Instrumental mx @ 0722, then M w/discourse in lcl lang. (Bryant-IL 5/30).
- 17605 NETHERLANDS RN: 1605-1630 AR tlk, Middle-Eastern mx, ID. F (Castanon)
- 17642 GREAT BRITAIN BBC: 2250-2300 feeder noted here on USB w/BBCWS in EG, PT on LSB. Good! (Buer 5/11).
- 17695 MADAGASCAR RN: 2030-2120 EG nx, Newsline", "Afro-Scene". G (Browne). And so ends my first LR-D, I hope you have enjoyed it as much as I have had in doing it! Best catches this month: Kiribati: heard here easily in CA after 0600 w/BBC pgms; MOZAMBIQUE: noted here in CA-05 to 0610 on 11817 w/PT tlk & upbeat MoR mx. 73's de Steve, KA6IBD-(General Class).

# log report section

## 17700 & ABOVE



**BRETT SAYLOR**

- 17700 EAST GERMANY Radio Berlin Int'l; 0545 EG, (details???) (Johns)  
17705 WEST GERMANY DW; 1900-2000 EG, to Africa (Johns, 5/11)  
17710 HUNGARY R. Budapest; 0140 HG, pgm on Austrian-Hung coop in tourism (Byron 5/9) 0200 EG, Hungarian folk mx, sports (Bryan, Bonnet)  
17720 FRANCE RFI; 1600-1758 EG, "Paris Calling Africa", good (Kononch-  
17725 WEST GERMANY RFE/RL; 0100 RS, nx; not much jamming (Leskow- ik)  
Itz 5/21)  
17730 VATICAN CITY VR; 1600-1620 EG, tlk w/ M & W, ID, IS; beamed to  
Africa, poor (Castanon 5/14)  
17740 SOUTH AFRICA R RSA; 0645 EG, nx, cmtry on French-S.Afr relations  
(Byron 5/11)  
17745 AUSTRIA ORF; 0400-0410 GM, multi-ling ID, GM nx; good but jammed  
17750 (Wood 6/2)  
17745 ALGERIA R Algiers; 2006 EG, world nx, ID, tc, pop mx (Leskowitz)  
17755 JAPAN R Japan; 0200 EG, s/on w/ ID, world nx, current affairs pg  
(Bernacke 5/14, Spiczka)  
17765 ALGERIA R Algiers; 0030-0045 AR, vocal mx, QRM'ed; //21635, 21725  
(Rigas 5/9)  
17765 CHINA RP; 1317 EG, tlk on deer production from China, mx; to  
Aust & NZealand; to 1026\*, //9860, 11600, 15435 (Wicks)  
17765 USSR RS Peace & Progress; 1545-1559\* EG, pol cmtry, CIA in  
India, fair w/ QRN (Spiczka 5/16)  
17770 CHINA R Peking; 1325-1355\* EG, "The Land and the People", intrv  
with W personality, history tlk (Jordan 5/22)  
17775 UNITED ARAB EMIRATES RCTV Dubai; 0130-0358 EG, nx, Wide World of  
Arabic, folk mx, ID's, //15320 (Spiczka, Johns, Bonnet, Buer)  
17780 USSR Voice of Yerevan; 0352 EG; nx to 0357, short piece on  
machinery manufacture in Armenia (Robertson 5/7) sure of freq?bs  
17780 INDIA AIR; 1113, with IS, then man speaking in what assumed to  
be Burmese (listed in WRTH) (Matthews 5/30)  
17780 SOUTH AFRICA R RSA; 0600-0700 EG, pop mx, ID, religious pgm  
fair (Bryan 5/31) new service in SP and PT to SAM, Central AM &  
the Carib (Johns 6/2)  
17785 USA VOA; 2100 EG, nx, new products, critic's choice (Wicks 5/17)  
17790 ECUADOR HCJB; 2100-2200 EG, DX Party Line (Johns, Hoffmann)  
17795 AUSTRALIA RA; 0359-0630 EG, pop mx, world nx, ID's, special  
Interst pgms on music, science (Bryan, Wicks, Spiczka, Leskowitz)  
17800 WEST GERMANY DW; 1020 EG, GM mx prgm, svc to Asia, Aust, NZeal.  
(Wicks)  
17810 PHILIPPINES FEBC; 0030 EG; IS, ID, nx (Zilmer 6/7)  
17810 BRAZIL R Bras; 0200-0230 EG; IS, ID, addr, (PO Box 04-0340),  
wx, nx, mx (J Williams 5/30)  
17815 UNID 2013-2026 AR; who's the station here with a fair level, mx  
(AR) & walling W singer (off at mid song 2026) (Robertson 6/7)  
17815 BULGARIA R Sofia; 0250 SP, class mx, //17825 (why?) (Novello)  
17820 CANADA RCI; 1910 EG, beamed to Afr, solid recorded mx due to  
strike; NS completely off (Buer, Lindley)  
17825 JAPAN RJ; 2353, 0200 EG, ID's, world nx; prgm on chicken sexing  
(sorting chickens by sex) (who else would need to know but another  
chicken??) (Demmitt, Bryan, Wicks)  
17830 BRAZIL R. Bras; 0200-0300 EG, special pgm on bossa nova mx,  
songs and comments (Byron, Wicks, Sharpe, Grosvenor, Bonnet)  
17845 USA WYFR; 1905-1935 EG; Unshackled, (Kononchik 5/12)  
17845 USSR V of Yerevan; 0237 Armenian/EG, summary of Armenian nx,  
History of 700 year old caravan rte (Leskowitz 5/30)  
17850 SWITZERLAND SRI; 2145 EG, nx, Dateline//17830, 15305 (Zilmer)  
17850 FRANCE RFI; 1600-1758 EG, Paris Calling Africa to Central Afr,  
severe QRM from WYFR (Kononchik 5/27)  
17855 CHINA RP; 0045 EG, mx, cmtry to 0055\* (Wicks)  
17860 USA VOA; 0305 EG, nx on top of New Zealand (Wicks, Bonnet)

17860 NEW ZEALAND RNZ; 0300-0600 EG, nx, NZ Calling, US mx, nat'l wx  
(6 reports)

17860 ECUADOR HCJB; 2255 JP, rel mx, EG ID, 2300\* (Leskowitz)

17870 ENGLAND BBC; 1345-1400 Czech, nx and reports (Rigas)

17870 LIBERIA VOA Monrovia; 1600-1630 EG, nx of Afr in print, much het  
& some woodpecker QRM (Spiczka)

17870 USSR R Kiev; 2335-2400 EG, nx by M, heavy QRM (DuBois 5/28)  
V of Yerevan; 0230-0300 Arm/EG, songs by Arm composer, comments;  
then EG nx & summary (Sharpe 5/17) 0200 EG, R Kiev, nx and cmtry  
anws to US listn's questions (Demmitt 5/23)

17875 NORWAY RN; had been sked on 17840 to NAM at 1300-1400 & 1700-18  
30, instead here on 5/10; not a good choice w/ WYFR here too Sun  
only in SP, blocking 1400 EG xmsn, and RCI Hungarian on after 1800  
Can't see what was wrong with 17840, unless they were worried abt  
jamming splatter from 17835 (Hauser)

17875 ECUADOR HCJB; 0125-0130 EG, nx, ID, vry good (Buer)

17890 SPAIN SFR; 2010 AR, mx of Spain, fair; Arabic Svc (Robertson)  
1815 SP, to MEast w/ mx (Castanon)

17890 AUSTRALIA RA; 0330-0400 EG, ID; wx, nx //17795,17725 both good  
(Halsema, Hensley)

17890 ECUADOR HCJB; 1350-1500 EG, Thru the Bible Radio, Morn in the Mts  
mx, rel pgms (Kononchik 5/22)

17930 LIBYA SPLAJB; 2000 AR, tlk by M, speeches, good (Robertson 6/6)

17939 UNIT 2332 RS?, tlk by M to 2337, followed by class. mx (Buer 5/12)

18127 ISRAEL Galei Zahel; 1900-0200 Hebrew, pop mx of Israel, US, w/  
tlks by M in between, mnt's "Yisrael", "Yerushalim", strong //  
22660,14728 (Reinstein, Leskowitz) hrd here w/ good sig, fades,  
w/ RTTY QRM, sep w/ 2.4 filter...0200-0300. bs

21460 USSR R Afghanistan relay, via RM; 1245-1410 Pushto&Dari; local  
instr mx, anncmts, fair (Jordan, Rigas)

21475 FINLAND RF; 1330-1345 EG, Northern Rpt, nx (Rigas) (Craigie)

21480 NETHERLANDS RN; 1439 EG, tlk by M of telecom use in medicine;  
Happy Station Show (Lindley 5/17)

21495 ISRAEL KY; 2000-2030 EG to NAM, makeshift hasty nx, then filler  
mx due to strike; Israel seems to have caught the Canadian ailmt!  
(Wood 5/23)

21505 SAUDI ARABIA BSKSA; 1729 AR, Koran pgm, fair (Leskowitz)

21505 CZECHOSLOVAKIA R Prague; 1802 EG, nx pgm by M & W, severe QRN  
(Lindley)

21515 FRANCE RFI; 1635-1655 EG, PCA, 50th ann of broadcasting (Kanop-  
ka 5/8, E Hoffmann)

21515 EAST GERMANY RFI; 1737 EG, competition question on its Afr svc  
mixing w/ RFI with subaudible heterodyne separation of abt 3Hz;  
// 15170 (Hauser 5/17)

21520 SWITZERLAND SRI; \*0315-0345 EG, nx, cmtry, mx, Dateline pgm  
(Kononchik 5/27)

21525 BELGIUM BRT; 1640-1652 EG, Brussell's Calling, DX Corner, pgm  
Information (E Hoffmann 5/17)

21530nf SOUTH AFRICA R ASA; DT/GM 1750-1810, to Europe, end of DT DX pgm  
IS from 1755-1800, s/on in GM w/ nx; bad choice w/ Portugal co-  
channel (Buer 5/9)

21530 UKRAINIAN SSR RMWS; 1320-1335 EG, via Ivano-Frankovak per UHN;  
Spotlight on Sports, Nx Headlines, Jazz Show (Jordan 5/1)

21530 PORTUGAL RP; 1800-1830 EG, mx, economic rpt, sports, Last Week  
in Portugal pgm, fades (Briscoe 5/30, Solland) 2030 Pt // 21700  
(Woods)

21545 SAUDI ARABIA BSKSA; 1955 AR, ID, mx, good (Wood 6/2)

21550 ASCENSION ISLAND BBC; 1700-1745\* EG, world nx, Afr nx, This  
Sporting Life, //17885 sometimes better (Browne)

21560 WEST GERMANY DW; 2300-2330 GM, nx, good (DuBois 5/28)

21560 ENGLAND BBC; 2015-2030 EG, ook pgm, best freq at this time  
as previously 15070 was, but now 15070 switches to a better  
antenna only at 2030 (Wood 5/23)

21570 USA AFRTS; 0005-0245 EG, via Delano; sports Parade (Jordan)

21570 SWITZERLAND SRI; \*1315-1345\* EG, nx, cmtry, g (Kononchik 5/22)  
1815 EG, mx pgm, AFRTS on at same time, what a mess (Lindley)

21580 FRANCE RFI; 1600-1655 EG, PCA, Af nx, FR nx, flashbacks on RFI  
50 yrs of broadcasting (May)

21585 SWITZERLAND SRI; 2148 EG, int'l nx (Leskowitz 5/7)

21585 IRAQ R Baghdad; 0300-0400 EG, MEast mx, nx, time pips, ID as  
The Broadcasting Svc of the Iraqi Republic; to NAM (Sharpe,  
Reid, Robertson, Castanon)

21585 SWITZERLAND SRI; 2155-2220 EG, Dateline (E Hoffmann)

21590 PAKISTAN RP; 1730 EG, cmtry, nx, local mx, vry good (Leskowitz  
0230 EG, slow-speed nx (Robertson, Leskowitz)

21615 USA WFR; 2055 EG, nx, rel preacher's pgm (Demmitt 5/16)

21615 SWEDEN RS; 1400-1430 EG, Panorama, nx, cmtry, mx, Saturday  
Snow (Wicks, Craigie, E Hoffmann, Kononchik)

21630 CANADA RCI; 1950 EG, DX Digest (Lindley 5/17)

21640 JAPAN RJ; 0145 EG, ID, nx, cmtry (Bryan)

21650 \* QATAR RQ; 2120-2130 AR, ID, mx, good (Wood 5/26)

21650 AUSTRALIA RA; 0240 EG, rock mx, reviews of books (Eckman 6/1  
21655 UAE Dubai; 1520-1657\* EG, nx, pop mx, request for reports;  
good (Spiczka 5/22, Jordan, Leskowitz)

21655 AUSTRIA ORF; \*1230-1300 EG, nx, cmtry (Kononchik 5/27)

21660 ENGLAND BBC; 1415 EG, mx request program (Strauss 5/31)relis)

21670 USA UN Radio; 1925 EG, tlk on solar/wind pwr in Greece (Pospo-  
21680 AUSTRALIA RA; 0159 EG, pop mx, ID (Bryan 5/18)

21685 KUWAIT RK; 1708 AR, world nx, ID, Netherland QRM (Leskowitz)

21695nf UAE Dubai; 1310, 1630 AR/EG, tlk, ID, commercials, MEast mx;  
nx by US-accented W @ 1630; //21625 (Wood, Buer)

21700 UAE Dubai; 1612 EG, 1430 AR, very good w/ laughter, MEast mx,  
Request for reports (Craigie, E Hoffmann)

21710 ENGLAND BBC; 1305-1659 EG, NxrEel, letters from America, 24Hrs  
(E Hoffmann, Halsema, Bonnet)

21720 PORTUGAL RFE; Fri-only at 2050 a 10-min cmtry in EG along w/  
17835, 15455, but best here; (Hauser)

21735 MOROCCO RTM; 1715 AR, mx, tlk, cmtry, ID, poor (Leskowitz)

21740 AUSTRALIA RA; 0116-0230, usual (Grosvenor, Wicks, Bonnet, Bryan,  
Earhart)

21757 PAKISTAN RP; 1413 Urdu, MEast mx, drama pgm, // 21485 (Cucura)  
0230-0245\* EG, slow speed nx by W, //21590 (Cunningham, Reinstein)

21810 BELGIUM BRT; 1330 EG, IS, ID, freq's annc'd, nx, mx (Zilmer)  
// 21525; 2010-2030 DT, "Groeten voor zeelieden" (greetings to  
seamen), s/off; good (Wood)

22710 ISRAEL KY; 2240-2300 EG, jazz, pop mx, some QRM (DuBois)

25790 SOUTH AFRICA R RSA, 1107, 1300 EG, mx, nx, wx, DX pgm (6 rpts)

25880 USA VOA; IS, ID, world nx, clear but for brief jamming (Hal-  
sema)

Ralf Munster-thanks for the info on KY...regarding the publishing of  
SINPO or SIO values for loggings--these numbers vary from person to per-  
son based on their judgement of the quality of reception. What is 434 to  
one person is 232 to another. Also, conditions vary daily & a single  
logging of a station is likely to vary (sometimes greatly) from day to  
day. The best type of logging is based on monitoring over an extended  
time period where these fluctuations tend to "even out"  
73's to next month (don't forget to try R Kiribati on 16433!)

*SW*

PLEASE REMEMBER

If you are sending money with your letter, please send it to P.O. Box 13,  
Liberty, IN 47553 for faster processing. Membership inquiries should also  
be sent to Liberty. All other material should be sent to 45 Wildflower  
Road, Levittown, PA 19057. Change-of-addresses may be directed to either  
location. Mail sent to the wrong QTH will be forwarded, of course, but it  
takes longer for your letter to be answered.

# ANTENNAS/ACCESSORIES

## MIKE AGNER

EDITOR: Mike Agner c/o Pa. Blue Shield Erford Rd. Bldg W6E1 Camp Hill Pa. 17011

Greetings everyone! This time I'd like to spotlight the shack of Vlad Cucura of Reading Pa. Vlad is a very active member of NASWA, and is (was?) a member of the venerable NNRC. His list is quite lengthy, and I better not waste any more space.....

Vlad Cucura Pa.

150 foot Random wire  
45 foot Random wire  
450 foot(!!mja) Random wire, (Vlad shows that is coiled in alternating rectangles, open ended. This resembles a Bruce Array, shown in the ARRL Antenna Book, P.298 fig. 16-12. Vlad? mja)  
20 foot random wire  
Palomar 160-80 mb loop  
homebrew RF gain cntl  
for the FRG7 and 7000, as shown in Sept. 79 Frendx p.6  
homebrew antenna box  
(plans, Vlad? mja)  
GAR7 freq readout  
C10 cal.  
QFIA audio filter  
RAK antenna tuner,  
Listener 59 model  
MFJ959 antenna tuner/  
preamp  
CTR33 cassette record.  
Emerson CRC98D Cassette  
recorder  
YH55 Yaesu headphones  
c1210 Telex headphones  
2 12" speakers (WOW, wha  
-t a list! FB OM mja)

-----  
Quickie spotlight- Don't throw away that old fishing pole! You might be throwing away a perfectly gud vertical. Take abt 80 foot of insulated wire, and wind it around the pole as tightly as possible. Coil spacing doe -s not seem to be too critical, just as long as it is constant. At the ver top of this, connect to the wire a collapsible whip (RS #15-232 might be a gud start) and extend it fully. Connect the lead in (which can be par -t of the wire that u used to wind the antenna) to a gud antenna tuner (a pi-net will do nicely) and watch the DX come in. With the whip fully extended, I get very gud 60 meter reception. DON'T FORGET TO GROUND THE ANT DURING A LIGHTNING STORM\* AND USE A LIGHTNING ARRESTOR!!!. Varying the length of wire and the whip brings in other freqs. Noise is not much of a problem, surprisingly. This might be a gud antenna to fool around with, as there seems to be a lack of many hard and fast rules regarding helical verticals. And you get a lesson on resonating verticals, to boot.  
-----

Odds and Ends Dept.- I have been testing the .1 wave antenna Neal Perdue wrote abt in the June Frendx, and the results have been surprising to say the least. I have been tuning it up for the 60 meter band using an invert - V configuration, and have been impressed with it. More on this when I ca -n devote more time for more extensive tests.....I have a need for any people who might have a gud hand with a pen; I have 2 articles which have diagrams which unfortunatly need redrawing, as they are presently unusable. Contact me soon!

73s mja



# FRENDX CREDITS

Many thanks to all these fine folks who contributed to this month's Log Reports: Brian Alexander, Mechanicsburg, PA (RF-4900, R-4); Rowland F. Archer, Jr., Hillsborough, NC (DX-300); Guy Atkins, Seattle, WA; Gregg Bares, Oakville, CT (HQ-180); Phil Bernacke, Nogales, AZ (DX-302); Charles F. Bolland, Lakeworth, FL (FRG-7000, DX-160); Arthur G. Bonnett, West Lafayette, IN (DX-302); Ken Briscoe, New Albany, IN (RF-2900); Michael J. Brissett, West Allis, WI (SX-190, DX-160); Robert W. Browne, Memphis, TN (RF-2200); Jim Bryan, Stockton, CA (R-7, RF-4900); Steve Bryant, Bourbonnais, IL (FRG-7); Paul Buer, Miami, FL (SPR-4/FS-4); Leslie Bryon, Laurelton, NY (Patrolman 9); Mark Castanon, San Antonio, TX (DX-302); Anthony Clift, Campellville, ON (ICF-2001, R-390A); Carter Craigie, Devon, PA; Vladimir Cucura, Reading PA (FRG-7000); Larry Cunningham, Columbus, OH; John H. Demmitt, Bellefonte, PA (TV + signal generator); R. A. Dubois, Tallahassee, FL (DX-300, DX-160, S-38A); Ken Earhart, Allentown, PA (NRD-505); Richard Eckman, Rockford, IL (RF-4900); John M. Fisher, Chelmsford, MA (GPR-90); Sholom Glikzman, Chicago, IL (RF-2800); Steven Greenyer, Invercargill, NZ (ICF-6800); Norman C. Grosvenor, Hollywood, CA (FRG-7); Robert Gundersen, Northfield, MN (R-1000); Luther E. Hall III, Indianapolis, IN (Transoceanic); James Halsema, Glenmore, PA (ICF-6700W); Glenn Hauser, Knoxville, TN (FRG-7mod, ICF-2001); Baxter Hensley, El Paso, TX (FRG-7mod, SX-190); Kate Hitsman, Des Moines, IA; Emmett H. Hoffmann, St. Louis, MO (51S-1, R-1530); Paul House, Hamilton, OH (A-2515); Kenny R. Johns, Jackson, TN (R-1000, ICF-5900W); Rufus Jordan, Pittsburgh, PA (DX-302); Leon Kanopka, Rosedale, NV (DX-300); Mike Ketzis, Leavenworth, KS (R-1000, ICF-5900W); Stu Klein, Edison, NJ (DX-160); Stephen Knudde, Providence, RI (RF-2600, Astronaut 4); Joseph Kononchik, Ledyard, CT (DX-302, DX-160); Robert Kramer, Chicago, IL (R-1000); Chris Leithner, Brentwood, TN (DX-160); Andrew Leskowitz, Marlboro, MA (DX-302); Terry Lindley, Birmingham, AL (DX-302); Rick Lucas, Stockton, CA (R-1000, DX-160); Tom McCasland, Kansas City, MO (KT-200); Bill Matthews, Columbus, OH (FRG-7000); Steven D. Miller, Boston, MA (RF-2200); Don Moman, Edmonton, AB (R-7, ICF-2001); Don Moore, Bellefonte, PA (FRG-7000, XCR-30); Ralf Munster, Decatur, GA (FRG-7700mod, SPR-4); Jay Novello, Endicott, NY (R-7, RF-2900); James Posporelis, Troy, NY (RF-2200); Andy Reid, Peterborough, ON (S-53A); Steven H. Reinstein, Miramar, FL (RF-4900); Christos Rigas, Chicago, IL; Lin Robertson, San Diego, CA (FRG-7mod); John Santosuosso, Lakeland, FL; Harold Sellers, Scarborough, ON (RF-2800); Bryan Sharpe, Castro Valley, CA (DX-302); Marlin Sizler, Evansville, IN (S-103); Robert A. Spiczka, Bloomington, MN (FRG-7mod); Robert M. Strauss, Columbus, OH (FRG-7mod/GAR, FRG-7700); Dave Valko, Dunlo, PA (FRG-7, DX-160); Craig Wicks, Kentwood, MI (FRG-7700, DX-160); John Williams, Bloomington, MN (R-1000, R-4B); Richard E. Wood, Cape Girardeau, MO (R-1000); Robert Woods, Front Royal, VA (RF-4900); Bob Zilmer, Rio Rancho, NM (R-1000, ICF-5900W).

Please note that the deadline for Log Reports is the 12th day of the month. As log slips are mailed to the appropriate editors on the 13th, if your's aren't in on time, they will be held until the following month. Please help me and the other editors by cutting your log slips apart; if you don't there's no guarantee that your reports will be used. That would be a shame!

73 de tc

Terry

Terry is NASWA's new Distributing Editor. His address is....

TERRY COLGAN  
8120 RIPPLEWOOD DRIVE  
AUSTIN, TX 78758

....and he's doing a nice job! Thanks, Terry.

Bob

HAP AUCTION. SAM BARTO, 460 ENMITT STREET, APT. 3-19, BRISTOL, CT 06010

HAP BID WINNERS: P. Fraser(426), M. Williams(405,412,413,417,418,429,438,441,448,457), J. Ayers(404,430), T. Semesky(415,423,424,427,428,433,434,456), J. Hartung(447), D. Monferini(398), S. Leite(399,402), R. Fields(401), M. Monaco(400), F. Pagano(444), R. Kramer(407,437), S. Millar(425,445,446), G. Bishop(403,453), B. Campbell(452), D. Moore(450), C. Connell(406,409,410,421,431,432,443), R. Lavoie(442), C. Wootten(416), D. Sampson(436), M. Schlesinger(435), A. Oskenoff(411)...Congratulations!! There were no bids on these numbers (408,414,419,420,422,439,440,449,451,454 and 455). Just think you could of won a Radio Skaraborg T-Shirt for a dollar!!.... Sam.

HAP BID ITEMS: ITEM #521: Radio Pyongyang cloth pennant(4x8.5")m/c-beauty!#522: WPLR metal license plate(6x11.5")red,B&W-sharp!! #523: LV9 Radio Salta(Argentina)cloth pennant(4x12")m/c-rare! #524: LV9 Radio Salta reflective sticker(2x3.5")m/c-beauty! #525: Radio Orwell(UK)sticker(5"cir)blue,white. #526: Radio Windy(New Zealand)"Animal" poster(20x28")! m/c-beautiful!! #527: 3MP Bay City Radio(Australia)"Wild Beach"poster(20x28")m/c-beautiful!! #528: WPLB metal pen,silver,black. #529: KAZM pencil,yellow,black. #530: Radio Pyongyang(North Korea)metal badge,red,gold-sharp!! #531: CHCM(Newfoundland)black metallic sticker,2 different! #532: VOCM(Newfoundland)black metallic sticker,2 different! #533: CKVO(Newfoundland)black metallic sticker,2 different! #534: Radio Nelson(New Zealand)sticker(2.5x8")red,white,blue. #535: Radio Nelson mini-frisbee(4"cir)2 tone blue. #536: Radio Nelson large station pen-sharp! #537: Radio Northland(New Zealand)sticker(5x6.5")yellow,B&W. #538: 3ZB(New Zealand)sticker(4x5.5")gorgeous!! #539: 3SR(New Zealand)sticker, white,green,2 different! #540: Radio Scenicland(New Zealand)sticker(4x6.5")black,red, yellow-beauty! #541: Radio Lakeland(New Zealand)T-Shirt(S)yellow,red-sharp!! #542: 1ZB(New Zealand)"Elephant" T-Shirt(S)black and blue-child size. #543: Radio Lakeland adjustable "hat"brown,white,red-beautiful! #544: Radio New Zealand, 4 different QSL cards! #545: WLS T-Shirt(L)m/c-sharp! #546: WLS T-Shirt(M)m/c-sharp! #547: Radio New Zealand paper pennant(3.5x8")2 tone blue. #548: Radio Milano International(Italy)prismatic stickers(3x8")m/c, 3 different! #549: WXPV metal badge(2"cir)black,blue. #550: WMMR "Rocks Me" West Wind Golf Jacket(M or L)2 ply nylon-windproof,weatherproof,soil resistant, blue,yellow-another quality HAP item!! #551: 1ZB(New Zealand)"umbrella hat" opens to 22" wide,blue,white - quality item and one of our most unusual!! #552: KIRO key chain,blue,white-very nice!! #553: Metro Radio(UK)T-Shirt(M)red,white-beautiful! #554: Radio Break Station(Italy)decal(3x19.5")clear white. #555: Metro Radio(UK)sticker(over 4"long!!)green,white. #556: WLS T-Shirt(L)"2 Beavers"red,brown-sharp!! #557: CX140 Radio Zorrilla de San Martin(Uruguay)cloth pennant(6x9.5")blue,yellow,white-sharp! #558: WCTC key chain"25th Anniversary Record"silver,black. #559: 2MCE(Australia)sticker(3x6.5")black,green-rare! #560: 4ZA Radio Southland(new Zealand)sticker,m/c-sharp! #561: Radio Canada International "Production Team Photo" of the NA, African and Western European Services(4.5x9")-B&W. #562: Radio Trent(UK)metal badge(2.5"cir)blue,B&W. #563: 3CV(Australia)sticker(6x8")yellow,black. #564: Radio Sweden"Keep in Touch"sticker(over 2"long!)yellow,blue. #565: Radio Nederland stickers, 3 different in Arabic,Spanish and Portuguese! #566: Radio Nederland cork inlaid hot plate(4x4")brown,silver. #567: WCTC/WQMR key chain"1976 Edition"m/c. #568: WCOZ "Rock and Roll" T-Shirt(XL)black,yellow. #569: WCFL T-Shirt(M)m/c-sharp! #570: Swansea Sound (Wales-UK)decal(4"cir)m/c. #571: KCCN(Hawaii)sticker(4x15")m/c-beauty! #572: Voice of Free China(Taiwan)metal lapel pin,silver. #573: Radio Nederland stick pin,m/c-beauty!! #574: Radio Forth(Scotland)"Telephone Shaped Pen" black, orange-super! #575: Piccadilly Radio(UK)decal(5"cir)m/c-beautiful! #576: BBC Radio Newcastle decal(4x5")blue,white. #577: King Khalid Military City sticker from the Saudi Arabia Ministry of Defence and Aviation! m/c in Arabic and English-very unusual!! #578: 3KZ(Australia) T-Shirt(S) blue,yellow-very nice! #579: 3KZ(Australia)metal key chain,blue,yellow-beauty!!...Like something here!!

HAP DIRECT SALE ITEMS: The following stickers/decals are being offered at \$.25 each or any 5 for \$1.00....New since last issue....KTGR,KOPN,KLAC,WPLR(large),WPLR(small),WPLB,WKTY, 1ZB(New Zealand),1ZB(Elephant),NCKY,WDBA,WLOU,WGNS(large),WGNS(small),KING,KTLL,KFLY,KAPS, KJR(circular),and KJR(sun)...The following are also in stock....WDSJ,WDOV,KOMB,KMRJ,WBCS, WTMJ,KCUZ,KFRC,WLUP,Radio Rhema(New Zealand),WGGH(large),WGGH(small),Swiss Radio International,Swansea Radio(Wales),2ZA(New Zealand),Radio Tees(UK),Radio Budapest,Radio Trent (UK),Piccadilly Radio(UK),CKNW,CBE,CKCK,CKNX,CKAN,WKON,KWKH,KROK,WCMS,WGH,WCOZ,WJDY,WHAS, KREM(large),KREM(small),Canadian Forces Network,WGLB,KWIN,WRKO,WVWE(large),WVWE(small), WVON,WSBA,WLPX,WKHI,KSHE(large),KSHE(small),WAYZ,WPGC,WNDU,WNYN,KNIX(large),KNIX(small), WNNI,WQHI,KLOR,KROY,WRCK,WEPF,WRBR,WYSL,WVSW,WPPF(large),WPPF(small),WMET,WOKW,WRFK,KYMS, WHAL,WEEU,WKTJ,WCFE(large),WCFL(small),WDET(large) and WDET(small). The following items are being offered at \$.50 each 1ZB(New Zealand-large),1ZB(circular), WMMR(Bruce Springsteen),WMMR(Elvis Costello),Radio Belgium,7EX,KGMO,3ZM,8DN,ABC-TV,6WE, 2HD,KSSK,ABC-FM Perth,ABC-FM-Launceston,Polkskie Radio,ORF,Radio Nederland,Radio France International(large) or (triangular),Radio Trent,Radio Skaraborg(Sweden)...For this month only...any of the above \$.50 cent items at 3 for a dollar(\$1.00)...Sam.

T-SHIRT SPECIAL: The following T-Shirts in the stated sizes are now available...WRCK(M) WPLR(XL)(L)(M)(S)...Your first shirt is only \$3.00 each additional T-Shirt is only \$2.00!! You can't afford to pass up this offer!! Maximum order is 5 shirts...Sam.

HAP THANKS: A big thank you goes out to Roger Peterson,Zack Schindler,Rich Wien,John Ayers, Rich Kenneally, Al Schlaugat, Dave Walcutt, Ron Archer, Bob Fraser, Tom Haskett, Kevin Meyer, Walter Dittrich and John Pascoe...Thank you fellas...Sam.

# NASWA "UNITY AND FRIENDSHIP"

PUBLISHES FRENEX MONTHLY

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

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