

FRENDX



#50

October 1983

Roger Legge, Box 232, McLean, VA 22101, USA

 Subscription (8 issues):
 \$3 N. America, \$4 Overseas

RADIO MOSCOW SEPTEMBER AND OCTOBER CHANGES

Radio Moscow made a moderate number of frequency changes on September 4, and on October 1, when Summer Time ended, moved many transmissions 1 hour later GMT (including World Service, North American Services, Domestic Services, many European language programs), and made a few additional frequency changes.

The winter frequency schedule is expected to go into effect on November 1.

On September 4, on the North American Service, 9610 Tu replaced 11790 (2200-0000) and 7150 replaced 9530 (0030-0300) "hum" transmitter, which is listed on 11790 as Riazan, on Lvov. This transmitter also operates on 1548; for morning transmissions is QSL'd on this frequency as Simferopol, the nearest city.

On October 1, the Central Asia transmitter at Krasnoyarsk moved from 12060 to 9640 on the North American Service.

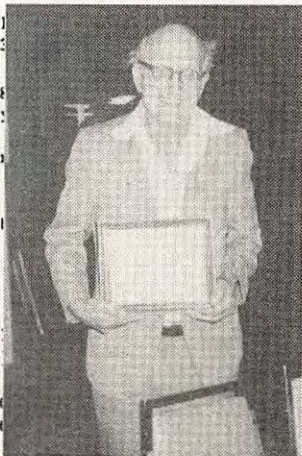
On Sept. 4, 9685 replaced 11960 on the R.Kiev/Vilnius/1

To West North America, 17760 Khabarovsk replaced 15100 replaced 15245 on October 1.

To Central America (2300-0500 Spanish), 11805, 11960, moved on Sept. 4 by 9450, 9480, 9490, 9686 (02-05), 9745 (01-05)

To South America, frequencies dropped were 17785, 15520. New frequencies are 12070, 11900 Dushanbe, 11860 Gorky, 96

To Australia, 17850 Khabarovsk replaced 9795 at 0900-1300 on the World Service.





We welcome 44 new and renewing former members who have joined the ranks since our last listing in the September issue of FRENEX. We are sure they will find their new association to be helpful in their DXing pursuits.

- | | |
|---|---|
| AICHELMAN, David, Houston, TX | NELSON, Dick, Simi Valley, CA ** |
| ARIDA, Shigeki, Wakayama, Japan | PANDZIK, Michael, Westport, CT |
| BARTSCH, Henry W., Rutland, VT | PASCOE, Gregory, Philadelphia, PA ** |
| BRUCKNER, John H., Westfield, NJ | PRATH, John, Ft. Lauderdale, FL ** |
| CONNOLLY, Jack, Chestnut Hill, MA | PRESSMAN, Hal, Cincinnati, OH |
| CUNNINGHAM, Alan J., Cleveland, OH | PURDUE, Ronald, Byron, MN |
| DeZURICK, Don, Minneapolis, MN | REELAND, Ronald R., Peru, IL |
| DiBIASE, Pasquale V., Portland, ME | ROBERTS, Fred, Norwood, OH |
| DILLON, Peter, Philadelphia, PA | SAMS, Parker C., Pindlay, OH |
| FIELDS, Robert, Chicago, IL | SCHULZE, Roland, Stuttgart, W.Germany |
| FOLSOM, William J., Cuyahoga Falls, OH** | SEARLE, Edward E., Hilo, HI |
| FREEMAN, John R., Rancho Palos Verdes, CA | SLEIGH, HARRY M., Winnipeg, Man. ** |
| FUGUANG, Fan, Beijing, P.R. of China | SMITH, LeRoy, St. Thomas, Virgin Isl. /MI |
| GILLIS, Neil K., Reading, MA | STREIT, Al, Albany, CA |
| GRISHIN, Ivan, Pickering, Ont. ** | THORPE, Jack M., Grosse Pointe Woods, MI |
| IOZIA, Joe, Haledon, NJ | TOMKO, Robert P., Belle Mead, NJ |
| JOHNSON, Paul, St. Charles, MO | TRULOVE, Rob, Thunder Bay, Ont. |
| LANDEN, Tom, Jr., South Bend, IN | WEBER, James H., Warrenton, VA |
| LEARY, Robert, Akron, OH | WISE, Bob, Springfield, MO |
| LOVSTROM, Rolf, Oslo, Norway ** | |
| MAHONEY, Robert, Lanham, MD | |
| MILLER, Dennis, Watertown, WI | |
| MORI, Frankie, Tokyo, Japan | |
| MURRAY, Kevin, Stamford, CT ** | |
| MUZYKA, William P., Woodside, NY | |

** Welcome back to these former NASWA members who are returning after a short absence.

The next listing will appear in the January, 1984 issue of FRENEX

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: FRG-7700 with memory and FRA-7700 pre-amp antenna. Has 2.7, 4.0, and 12.0 filters. This receiver has been and is trouble-free and is like new. Factory manual and carton. Price \$345.00 UPS paid. Hadley D. Cress, 1361 Devon Lane, Harrisonburg, VA 22801. Phone (703) 433-2263.

FOR SALE: Galaxy R530, SC-530 speaker with manuals, \$225.00 or best offer. Gilfer A-20 Pre-selector, \$20.00. FRENEX complete from 1/77 to 12/81. WRTH from 1978 to 1981, best offers. Cashiers check or money order. All items plus shipping. Al Drehmann, 11714 SW 129 Ct., Miami, FL 33186. Phone (305) 385-3897.

NASWA

HEADQUARTERS REPORT

NORTH AMERICAN SHORT WAVE ASSOCIATION

46 WILDFLOWER ROAD, LEVITTOWN, PA. 19057

THE COVER

This month's cover features Roger Legge, ANARC's North American DXer of the Year for 1983. Roger was associated with the Voice of America for many years and upon his retirement began "UHN", a bulletin of news on Soviet transmissions. He is shown holding his award at the 1983 ANARC Convention.

ODDXA

The Old Dominion DX Association has published its first bulletin and is looking for support from DXers and SWL's of all stripes ...SW, Utes, MW, FM, etc. Tentative membership fee is \$8.00 plus 12 20¢ stamps. For more information please write to ODDX, 1320-202 Riverfront Court, Virginia Beach, VA 23451.

ANARC COMPUTER INFORMATION

If you are now using, or are interested in using a computer in any manner in the radio hobby, please write to Bill Krause, Chairman of the ANARC Computer Information Committee. The address is 6700 153rd Lane NW, Anoka, MN 55303.

NEW F.E.B.C. QSL'S

The Far East Broadcasting Company Radio International in Manila writes that it is introducing a new series of QSL cards under the title "The Fabulous Philippines". SINPO or SIO codes may be used in reporting to the station and IRC's are required. The address is Far East Broadcasting Co. (Philippines), Inc., Box 1, Valenzuela, Metro Manila, Philippines 2627.

COMPUTER-BASED INFORMATION SERVICE

Universal Amateur Radio, Inc. announces a new and unique service for amateurs and Shortwave Listeners in the form of a computer-based bulletin board service (BBS) called "UBIX". For more information, please write to Universal Amateur Radio, Inc., 1280 Aida Drive, Reynoldsburg, OH 43068 or call (614) 866-4267.

NEW ADDRESS FOR RADIO EARTH

Jeff White, General Manager of "Radio Earth" informs us that the new address is Radio Earth, Box 69, Miami, FL 33243, and that they are always interested in receiving comments, suggestions, and reception reports.



Shortwave Center

November 1983

Editor: John C. Herkimer, 3233 East Avenue, Caledonia, NY 14423

One of the more pleasurable aspects of editing "Shortwave Center" is the contact it provides with some of the hobby's best DXers. Not long after we featured Geoff Cosier's article on Indonesian DX (August SWC), I decided to contact a U.S. DXer who is considered an authority on Indonesian DX -- Bill Sparks. I asked Bill if he would consider writing a country-by-country breakdown of the current Indonesian DX scene for the benefit of U.S. DXers, particularly those of us on the East Coast or, perhaps, those who wish to bone-up on their country totals. Bill agreed and what follows is, in my opinion, a definitive summary of the Indonesian DX scene, written by someone with the expertise to point us in the "right direction"....

DXing the Indonesian Radio Countries

by Bill Sparks, 1100 Hearst Bldg., San Francisco, CA 94103

The August 1983 FRENDX presented an introduction to Indonesia DXing by Geoff Cosier, the very fine Australian DXer. This is a follow-up on Geoff's article with a review of the Indonesian stations currently being heard from the several radio countries into which the political entity of Indonesia has been divided by the NASWA Country List Committee.

The Committee has split the present political entity of Indonesia up into seven basic groups of islands and made them separate radio countries for logging purposes. There is an eighth country included as the result of the takeover of Portuguese Timor by Indonesia in 1976. The basic reason for the division into so many radio countries is the vast distance between the hundreds of islands spread out along both sides of the equator. The distance between Banda Aceh in the west to Jayapura in the east is substantially greater than the distance between San Diego and Portland, Maine.

The Country List has divided Indonesia up into five main large islands and two smaller groups of islands with Irian Jaya included in Oceania and the balance a part of Asia. From west to east the individual Radio Countries are as follows:

- 1 - Sumatra
- 2 - Java
- 3 - Kalimantan
- 4 - Sulawesi
- 5 - Irian Jaya
- 6 - Bali & Lesser Sunda Islands
- 7 - Maluku Islands
- 8 - Portuguese Timor (East Timor), really a part of the Lesser Sunda group. It was a separate political entity until incorporated into Indonesia by the 1976 takeover of East Timor by Indonesia from the Portuguese, who historically had an SWBC station located at Dili.

INDONESIAN PROPAGATION CONDITIONS - It is a rare morning when reception conditions from all parts of Indonesia into North America are uniform. Indonesia is divided into three time zones. For most of the year, the only low frequency reception in North America from Indonesia is during the period just before and after dawn at the DXers location. This corresponds to the period between dusk and the evening sign-off in Indonesia.

The Irian Jaya and Maluku stations have the earliest dusk and therefore the earliest fade-in time in North America. Likewise, they sign-off from two to three hours earlier than stations in Sumatra. The fade-in time for stations in Java and Sumatra tend to be about two hours later than for Irian Jaya stations.

It is not unusual to find that reception conditions from Sumatra are entirely different from other areas of Indonesia due to its location far to the west of the rest of the islands. It should also be noted that during the winter months in North America, reception of the morning schedules of stations in Sumatra and Java is possible along the Atlantic coast of North America at dusk. The main problem with reception at that time is that the DXer must fight strong QRM from stations in Africa and Latin America in order to pick up the weak Indonesian signals.

CONSTANT CHANGES - Before presenting a review of the stations currently being received from each of the radio countries in Indonesia, a warning is in order. These stations are constantly changing frequencies, going off the air with transmitter problems, or coming back on after repairs. Some of the material in this article will very likely be out of date by the time that it appears in print.

Another thing to be aware of when logging Indonesian stations on the low frequency bands is that there are several instances where there are two Indonesian stations using approximately the same frequency at the same time. This is true of 3241, 3265, 3345, 3385, 3905, 3945-46 and 3960. Thus special care must be taken on these frequencies to identify the station that you have actually heard. I have tried to indicate the dominant station in my review.

THE CURRENT SITUATION - The majority of the stations mentioned are R.R.I. stations, since they are the ones that are most likely to be logged throughout North America. In order to save space, I have identified the R.R.I. stations only by their locations. Non-R.R.I. stations are clearly indicated by RPD, etc. to prevent confusion.

Sumatra

- 1 - Banda Aceh is the most westerly station in Indonesia. It uses both 3905 and 4955. I suspect that the power listings of 50 kW for 3905 and 10 kW for 4955 are both vastly overstated. 3905 is normally blocked by Radio New Ireland and 4955 is a rare catch.
- 2 - Medan is one of the better Sumatran stations with the most consistent reception on 4764 which sometimes drifts up to about 4766. It is also on 3375, but with much lower power.
- 3 - Pekanbaru has the highest frequency and should be the best possibility on the East Coast. It has been a regular on 5886 for years, however I have just noted that it currently has drifted down to 5882. Check out both of these frequencies for this one.
- 4 - Palembang on 4856 formerly was one of the top stations in Sumatra. However this frequency has been covered by utility QRM so much during the past year that I don't know for certain that it is still on the air.
- 5 - Sibolga has been on and off several times with frequency changes. It is now being heard again on 5257 but never does provide a very strong signal. It has been reported in Australia also as using 3241.

DXing THE INDONESIAN RADIO COUNTRIES (cont'd)

- 6 - Bukittinggi used to put in an excellent signal on 60 meters but is now reported on 4910 only on very rare occasions. The best signal is now on 3232 but only during strong Sumatra openings.
- 7 - Jambi used to be heard fairly well on 4927 but does not seem to be on the air now. It could always return to 4927 in the future.
- 8 - Padang puts in a very potent signal on a very poor utility plagued frequency of 4003.
- 9 - Tanjung Karang is on 3395 and can be heard at times with a nice signal, but this frequency has been subject to severe QRM recently making any loggings of this station difficult.
- 10- Tanjung Pinang used to put in a consistently clear signal on 3225. A year or so ago it started signing-off very early and now doesn't seem to be on 3225 at all.
- 11- Bengkulu is sometimes reported on 3265, however I venture to say that 90% of the time it was Gorontalo that was actually heard in North America. In Europe, Bengkulu might be heard while Gorontalo is on the air, but in North America, Gorontalo dominates the frequency until it signs-off at the end of the 1500 Jakarta relay. By that time it is too late to log Bengkulu except on the West Coast.
- 12- RPD T2 Labuhanbatu is the one non-R.R.I. station from Sumatra that has been logged in 1983. It is heard on strong Sumatran mornings drifting around on about 3813. Don't expect a strong signal from this one.

Java

- 1 - Jakarta has many different services, and of course, can be heard most easily on the International Service frequencies. (Check WRTM for time and frequency). R.R.I. Jakarta also has a domestic service now being heard again on 4775. It is also on 3277 with low power.
- 2 - Bandung is the chief station for Jawa Barat. It is normally heard on 3204 but not at present. It seems to be experiencing transmitter problems since only Radio West Sepik is now being heard here.
- 3 - For Jawa Tengah Yogyakarta on 5046 should provide the best logging. This is one of the R.R.I. stations that actually has a regular program in English at 1130 UTC.
- 4 - Surakarta now puts in a very consistent signal on 4900. It was heard for years on 4932 but moved to 4900 over a year ago and for a time alternated between the two frequencies. It could return to 4932 at some time in the future.
- 5 - The other most frequently heard Jawa Tengah station is Semarang on 3935 on a good Indonesian morning. You have to fight the ham QRM to log this one.
- 6 - The capital of the Province of Jawa Timur is Surabaya. The main R.R.I. station in the province is R.R.I. Surabaya on 3975, formerly on 3978 with reduced power. It now has an excellent signal on 3975. There are also some non-R.R.I. stations in Surabaya that might be logged in eastern North America during periods of strong Indonesian reception. The best would be RKIP Surabaya on 4699 which is regularly heard in California and doesn't seem to be bothered by excessive QRM. Another, but much more difficult catch, is RKPD T-1 Jawa Timur on 3000.
- 7 - Other R.R.I. stations in Jawa Timur are very low power and extremely rare even on the Pacific Coast. They include Maidun on 3286, always under CW QRM; Malang on 3381, very weak; and Sumenep on Madura Island on 3355 where constant utility QRM prevents reception.
- 8 - There are very many RPD stations in Java. They are very low power stations and reception is too inconsistent to list them here.

Kalimantan

This area could be difficult to log on the Atlantic Coast. Most of the stations are now on 80 or 90 meters and suffer from heavy QRM.

- 1 - Samarinda formerly had the most consistent signal. For years it was heard regularly on about 6134 from around 0900 until 1000 when Korea came on 6135. I haven't heard it on 49 meters for over a year. More recently it was being heard irregularly on about 3295. Transmitter problems seem to have caused it to go off or to reduce power but it could return to 3295 in the future.
- 2 - Pontianak puts in a substantial signal on 3995 at times when the two Russians on the frequency are not making it. It is impossible to predict when Pontianak will break through the Russian QRM. The 3346 frequency is low power and any signal heard on 3346 prior to 1415 is almost certainly Ternate.
- 3 - Bandjarmasin on 3250 puts in the strongest signal of any of the Kalimantan stations, yet it is probably the hardest one to log. It is completely under a very high power ute at least 95% of the time.
- 4 - Palangkaraya on 3225 is a good one to look for but also has QRM problems especially if you try for it when the Guatemalan is on.
- 5 - The strongest and most consistent RPD heard in California for the past three years has been RPD T2 Bulungan on 2977 at Tanjungselor, Kalimantan. If you have never logged an RPD, this is the one that I would concentrate on. Their QSL states that the power is 1 kW.

Sulawesi

- 1 - Ujung Pandang, 4719 is a 50 kW station and has the strongest signal of any of the R.R.I. regionals. It should be the first regional logged in most areas of North America. At times the transmitter on 4753 is used for the evening broadcast and in cases of holidays often both 4719 and 4753 can be heard at the same time.
- 2 - Kendari on 4000 has an early fade-in and is fairly well heard.
- 3 - Palu comes in fairly well on 3960, however there can be QRM from the Chinese station on the same frequency. There are reports that R.R.I. Bogor in Java is now also using 3960, but so far as I know, only Palu has been logged in North America.
- 4 - Gorontalo on 3265 also has a very early fade-in time and is one of the best Indonesians on 90 meters.
- 5 - Menado had a 49 meter transmitter on 5987 a few years ago that was very easy to log. Now it only seems to be on 3215 with a reasonably consistent signal in California.
- 6 - RPD T2 Poso has apparently increased power and has been logged several times recently on 3524. However it still would be a very difficult catch on the Atlantic Coast.

Bali & Lesser Sunda Islands

Now we get down to the really difficult area. There are no stations in these islands using 60 meters and only one on 80 meters.

- 1 - Denpasar is on 3945 and is listed at 10 kW. I doubt that it uses anything even close to 10 kW. Ternate is 3946. My own experience has been that whenever you hear an Indonesian on 3945 or 3946, 90% of the time it is Ternate.

- 2 - Singaraja is also on Bali and currently can be heard on about 3398 if you are very lucky. The power is very low, but it does answer reception reports readily, which is more than I can say for Denpasar.
- 3 - The best signal from the area currently has been Mataram on 3223, but that doesn't mean that it is heard regularly.
- 4 - Kupang has sufficient power on 3385 to put in a decent signal. The catch is that Radio Rabaul and Miri in Sarawak are also on 3385 at the same time. On the West Coast we can log Kupang after Rabaul and Miri sign-off, but that is not likely in the east.
- 5 - For the adventuresome DXer, RPD T2 Ngada, Bajawa, Flores Island on 2904 may put in an appearance on a super DX morning.

East Timor - Portuguese Timor

There is only one station here, now R.R.I. Dili. This station has been hopping around the 90 meter band like a flea in search of a dog. It was a regular on 3120 for many years until it started alternating between 3120 and 3305. Then it experienced transmitter problems and began drifting all over the band with terrible modulation. At this writing it seems to have settled down on 3306 but has been reported signing-off as early as 1230 and then moving down to 3120 again. I have noted an R.R.I. again on 3120 but don't know if it is Dili. I have also seen reports of Dili on 3986, and in July 1986 did appear to be //3306. However, recent more careful checking on 3986 shows that 3986 is definitely not now //3306 and that 3986 is actually now // to Manokwari on 6188.

Maluku Islands

In contrast to Lesser Sunda, this should be relatively easy in most areas of North America.

- 1 - Ambon has been a fixture on 4845 for years until 1983. Earlier this year Ambon disappeared from 4845 and turned up on 4864 in February. Then it returned to 4845, but by April it was found on 4835 which resulted in monumental QRM. At the present time, it is back on 4845. The fade-in is as early as 0900. In order to log it, get in there early because Kuala Lumpur fades in around 1000. Usually it is impossible to read either station after about 1000. In September, I noted Ambon back on its 41 meter frequency of 7139 with a strong and clear signal until 1300 when a powerful carrier came on 7140. This probably will not be a regular schedule, however. Ambon has always been very irregular on 41 meters.
- 2 - Ternate is the other R.R.I. from this area. The best frequency is 3345, although the lower power 3946 is sometimes heard.

Irian Jaya

This is probably the Indonesia "country" that is situated the closest to North America. It has the earliest fade-in time of any of the Indonesians and also the earliest sign-off. Like Portuguese Timor, it was a colonial territory at the end of World War II. It was part of Netherlands New Guinea, and there were SWBC stations located at Biak and Sorong. In 1963, pending the turn over of the territory to Indonesia, the United Nations operated an SWBC station at Hollandia (now Jayapura) on 6070. For the past twenty years, Indonesia has taken over the territory and there are several R.R.I. stations now operating there. At least two of these stations should be logged in most areas of North America.

DXing THE INDONESIAN RADIO COUNTRIES (cont'd)

- 1 - Jayapura is the key R.R.I. station for Irian Jaya. Unfortunately, it is a difficult catch right now. I suggest a try for 9612 between 0900 and 1100. The 6070 frequency is impossible due to QRM from HCJB and the powerful Chinese station. The 60 meter station has been on about 5044, but is irregular and has low power.
- 2 - The easiest log is Biak on 5451, and it is also the most difficult to QSL.
- 3 - Sorong on 4875 is also well heard if you can separate it from the many other stations on this frequency.
- 4 - Manokwari is once again heard on 6188. Recently I discovered that the R.R.I. on 3986 is // to 6188, but I haven't established that it definitely is Manokwari. It has not been heard on 3427 since late June.
- 5 - Serui has been changing frequencies in 1983. It was on 6206 for a while after being off the air for an extended period. Then, in 1983 it moved down to 4606 for several months, then it was off the air for several weeks. I have just noted it back on again, but it has drifted up to 4607.
- 6 - Fak Fak does not use much power, but it can be heard at times very well on 4789.
- 7 - There are several other very low power stations (Wamena, Merauke, and Nabire) that are constantly changing frequencies and very rarely logged.

IDENTIFICATION OF INDONESIAN STATIONS - Because of the many changes in frequencies, the use of the same frequency by more than one Indonesian station, and the on again - off again nature of their operation, accurate identification of the station being heard before reporting a definite logging is important. Yes, the Indonesians do broadcast local identifications. The R.R.I. stations tend to ID more often than the RPD stations, and the stronger signals make it easier to ID the R.R.I. stations.

Obviously, there will be no local ID during a Jakarta relay period. The relays are heard on all of the R.R.I. and most of the RPD stations at 1200, 1300 and 1500 and last from fifteen to around thirty minutes.

The time to be alert for a local ID is at the end of a local musical program, just before the start of a Jakarta relay. The announcer at the regional station will give the station ID, if he has time, prior to the commencement of the interval signal (tanda tunggu) on the chimes normally described by Indonesian DXers as S.C.I. ("Song of the Coconut Islands") which should be listed in your reception reports as Rayuan Pulau Kelapa and not Love Ambon.

The other time to be especially alert for a local ID is after a Jakarta relay ends. You will always know when a Jakarta relay or even a regional or local news session is about to end. There is a recorded patriotic song or anthem by a large mixed chorus and orchestra. When the anthem ends, the local announcer will come back on and normally give a complete ID before the local program continues. Local IDs are often heard on the half-hour also.

LOVE AMBON - There is still confusion over Love Ambon and Song of the Coconut Islands (S.C.I.). S.C.I. is the interval signal played on what sounds like a carillon. Love Ambon is only played at sign-off. It is a hauntingly beautiful melody on a kroncong in an arrangement that reminds one of the Hawaiian steel guitar. All of the R.R.I. stations and many of the RPD's use Love Ambon as a sign-off melody as follows: at the closing of the day's schedule, the announcer makes a short ID announcement. The Love Ambon melody starts. After a few seconds, the announcer makes his final announcement which includes a complete ID along with the wavelength (gelombang) in use and the station's location. Then Love Ambon continues for possibly a minute until the power is switched off.

DXing THE INDONESIAN RADIO COUNTRIES (cont'd)

For those who have not yet experienced the joy of DXing the Indonesian stations, I hope that the information included in this article will provide an incentive. Those who desire to increase their Scoreboard country total will have every reason to concentrate on the Indonesian Radio Countries. Try it, and don't forget to report your loggings to FRENDX.

(Editor's note - Well done, Bill! Thanks from all of us.)

FRENDX Indonesian QSL Survey -- July, 1979 to August, 1983.
Compiled by John R. Meyer, F.C. Box 140, Kellnersville, WI 54215, USA.
Format: # of QSL's--Station name(# in 1982-1983, if any).

BALI AND LESSER SUNDAS

5--RRI Kupang(2); 1--RRI Denpasar, RPDT2 Lombok(1), RPDT2 Ngada(1),
RRI Singaraja(1), RRI Sumenep.

BORNEO (KALIMANTAN)

5--RRI Palangkaraja(2); 1--RRI Banjarmasin(1), RPKDKT2 Bulungan,
RRI Pontianak(1), RRI Samarinda(1).

CELEBES (SULAWESI)

7--RRI Manado(2); 4--RRI Gorontalo(1), RRI Kendari(2); 3--RRI Palu(2).

JAVA

75--V. of Indonesia(19); 10--RRI Surakarta(3); 3--RRI Sumenep(2),
RRI Yogyakarta(2); 2--RKPDT2 Banyuwangi; 1--RIT Bandung, RSPDTk2
Boyolali, RRI Jakarta Nasional, RPKKDT2 Gresik(1), RKPDT2 Jember,
RRI Madiun(1), RRI Malang(1), RPKDKT2 Sampang, RRI Semarang,
RPDT2 Situbondo, RPKDKT2 Sumedang, RRI Surabaya(1), RKPDTk2 Surabaya,
RSPDTk2 Temanggung, RPKKDTk2 Trenggalek.

MOLUCCAS (MALUKU)

12--RRI Ternate(5); 1--RRI Ambon.

SUMATRA (SUMATERA)

8--RRI Pekanbaru(4); 6--RRI Medan(2); 4--RRI Tanjungkarang(3);
3--RRI Palembang; 2--RRI Bengkulu; 1--RRI Banda Aceh, RRI Pandang,
RRI Sibolga(1), RRI Tanjung Pinang(1).

TIMOR (PORTUGUESE TIMOR, TIMUR)

1--RRI Dili.

WEST IRIAN (NETHERLANDS NEW GUINEA, IRIAN JAYA)

11--RRI Jayapura(5); 8--RRI Sorong(2); 6--RRI Manokwari(2), RRI Wamena;
5--RRI Fak Fak(4); 3--RRI Biak(1); 2--RRI Merauke, RRI Serui(1).

(Station headings listed as reported in QSL Report.)



Vintage Vignettes

WDX3UPA, Bill Taylor, Box 132, Unionville, PA 19375

AN OPEN LETTER TO THE GREATEST RADIO CLUB AROUND....

After having performed a "Loudenboomer-esque" disappearance, I believe there are several thoughts that I should share with you.

Please forgive the abrupt manner of my hiatus. An article on the RME DB-20 is floating somewhere in the netherworld of the USPS. (C'mon, Bill, it's only been a few months!-JH) That article, and a letter to Yer Ed (requesting leave), were shipped for inclusion in the September issue. McGonigle's corollary to Murphy's Law; ya know... "anything that can go wrong will" and "at the most inopportune time".

For two and one-half years I've had the pleasure of writing the "Vintage Vignettes" column. I've corresponded with about 200 of you, and I've enjoyed every QSO. The opportunity to compose this little corner of the bulletin has yielded requests for similar efforts in five other publications. These offers were greatly appreciated, but lack of time forced me to decline. Now, I feel, is the time that I must withdraw here, and that I must concentrate on penning a reference on the history of communications receivers.

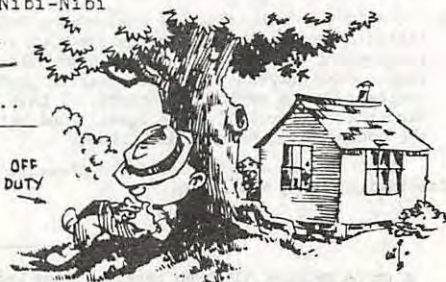
Thanks to Bill, John-John, Chris and John. Thanks to all of you who wrote to me. Best wishes to those of you who have caught the itch. Ours is not just a fun hobby, but a very educational/academic one also. If you have any questions don't hesitate to write.

The new address: Ralphus' Bamboo Condos
#21 Ferguson Blvd.
Port au Jensen, Nibi-Nibi

God Bless & 73s de Bill

Now on to some long neglected DX....

(OK, Bill, let's have the truth.... someone in RIB says your column is one of the "two diamonds in the FRENDX rough" and you hit the pavement, hi. You planning a DX program? And, by the way, just who is the other "diamond"?-JH)



Bill Taylor keeps his promise!

If Bill's article has piqued your interest in Indonesia (and let's hope it has) then these references might help as well: The Indonesia Handbook, by Bill Dalton, is an essential guide for the DXer and well recommended. It's available from Wayfarer Books (P.O. Box 1121, Davenport, Iowa 52805) or try Moon Publications (P.O. Box 1696, Chico, CA 95927). The current Wayfarer catalogue has Indonesian language cassettes too. DXing Indonesia is a free booklet from Radio Nederland's Media Network program and can be obtained direct from Hilversum. It has a rather good vocabulary section to aid you in your reports. Rumour has it that a well-known club (with some ace Indo DXers) is compiling a book on the subject, but no further details yet. (JH)



Editor: James G. Herkimer, 3255 South Drive, Caledonia, NY 14423

This month we open with a timely piece by David M. Hinkley, of Kansas City, Missouri, entitled:

Rare DX Doesn't Have To Be A Shock

Several times I have read about the importance of a good grounding technique to insure quality reception. There is another reason for good grounding technique... avoiding electrical shock. Here is a brief outline of some tips to keep your shack safe.

1. How many devices do you have plugged into the circuit that feeds your shack? Figure the number of amps that equipment draws and see if your incoming circuit is adequate. (Don't forget other appliances in your home that may also be on the same line.) Play it safe and run a separate circuit. Install enough duplexes to plug in all of your devices individually. Use an adequate gauge 3-wire conductor and consider incorporating a Ground Fault Interrupter type circuit breaker.
2. Have your receiver adequately grounded. Several retail store type models depend on mechanical connectors. These can corrode and cause a break in the circuit. I always solder connections or braze them to ensure they will remain intact. Many different methods of grounding will work and have been presented in FRENEX before. I have also set up a double-throw switch that lets me close the lead-in circuit to the radio or throw the coax directly to ground bypassing everything but the switch itself.
3. I have also built a few home brew accessories. If you are so inclined be sure to put them inside a project box to adequately shield you from possible contact with exposed circuitry.
4. If you have your shack in a damp basement, consider moving it upstairs. The moisture is not good for your radio and may prove dangerous for you.
5. Consider your hearing. A headset may help but if your ears are ringing after listening you may be needlessly exposing yourself to excessive noise levels. Over a long period of time, exposure to high noise levels can lead to high frequency hearing loss. OSHA currently requires hearing protection when employees are exposed to 85 decibels over a period of 8 hours. I have never measured what comes out of my receiver, but some of those squeals and hets are sharp. It would be tough to enjoy the hobby if our hearing diminished.

Don't let an accident ruin the pleasure you get from what has to be the most fascinating hobby available.

A press release has been received from Universal Amateur Radio, Inc., describing their new "Universal Bulletin Board and Information Exchange (UBIX)". This computer based service will enable users to obtain information consisting of: (1) News and Notes-short items of interest, (2) Sale items at Universal, (3) Used items at Universal, (4) SWL DX Tips-which you can read or contribute your own, (5) Ham DX Tips, (6) User list and biography, (7) Messages to Universal, and (8) Electronics Mail-messages to/from other UBIX users.

A terminal or personal computer with communications capability is all you need. Nearly every personal computer will function as a terminal with the addition of a modem and communications software.

The UBIX is absolutely free to all users. Your only cost will be your telephone charges (if you are calling from outside the Columbus calling area.) This system is available from 8:30 P.M. to 8:30 A.M. Eastern Local Time, and usually all day Sunday.

UBIX is an open bulletin board service (BBS). Potential users are encouraged to send a SASE to Universal Amateur Radio, Inc., 1280 Aida Drive, Reynoldsburg, Ohio 43068, for a free copy of the UBIX manual.

Ed Insinger, of Summit, NJ sends a brochure describing the new Uniden CR-2021 digital portable receiver. Specifications, although sketchy, show a remarkable similarity to the Sony 2001 and the new Radio Shack DX-400 (described in the September FRENEX). Triple-conversion, and covering 150 kHz to 30 MHz, it offers keypad entry for frequency selection, plus automatic channel search (1 or 3 kHz AM/SSB). There are 12 memory channels, LED signal strength indicator and battery meter, and LCD readout. Frequency coverage provides Longwave, Broadcast Band, shortwave broadcast, and FM. SSB/CW reception is provided as well. There is also a choice of wide or narrow selectivity.

As Ed pointed out, the information in the brochure is extremely vague, with no mention of sensitivity or selectivity specifications, size, weight, or even price. However, in a recent (November 1983) CQ Magazine ad, Long's Electronics, 2700 Crestwood Blvd., Birmingham, AL 35210 mentions that list price is \$ 299.95, which they are selling for \$ 249. 95.

Unfortunately, we've not had good luck in reproducing photographs of new equipment, and with the sparse details we have to offer on this new receiver, this brief description will have to suffice until more information is available.

John Norfolk, of Oklahoma City, OK, sends along some additional information on the new Radio Shack DX-400:

"I have just seen the preview of the Realistic DX-400 in the September FRENEX. Thanks to the manager of my local Radio Shack store, I was able to get a DX-400 in mid-August, and in direct comparison with the DX-302 the DX-400 is its' equal in many respects and surpasses it in others. Of course, the direct entry tuning is the most obvious advantage, but the DX-400 does not suffer from the gross overloading that plagues the DX-302 on certain bands. An example would be the 40 meter amateur band: I can pick up manyhams on the 400 but the interference picked up on the 302 forces me to use the antenna attenuator switch, which causes the hams to become inaudible. The 302 also overloads on some of the shortwave broadcast bands (ex: around 9500 kHz), so the 400's freedom from this is most welcome.

I am not a DX-er, so I am not qualified to judge this receiver in this respect. However, for listening to international broadcasts, which is my first priority, the DX-400 works very well. Incidentally, although the whip antenna works alright with most of the major broadcasters, an external antenna really should be used."

Tropical Band Loop Antennas have been previously described by Ed Shaw in the May 1983 FRENEX Technical Topics column, and in "DX-ing According to NASWA". Both loops described by Ed are direct-coupled types and use post-amplification, either in the form of a pre-amp kit (International Crystals BAX-1) or a home-built preamplifier. For those who would like to try a loop antenna but were perhaps worried about the complexity of building/assembling a suitable pre-amp, fear not! Another means of coupling the loop to the receiver is Link Coupling. On the box loop, the link consists of a single turn of the same gauge wire (or next size smaller) as the loop "tank" coil. The feedline to the receiver is connected to this link turn. If you use coax for the feedline, the braid of the coax goes to one end of the link turn, and the center conductor of the coax to the other end of the link. The link turn should be centered over the main tank windings. On a spiral loop, the link turn is centered in the middle of the tank windings, not around the outside. In both cases, each side of the tank winding is connected to the variable capacitor.

Connecting the variable capacitor: if you are using an air-variable, take a look at the underside of the frame, and you will see several mounting holes. Usually these holes will take a #4-40 machine screw, which we will use to mount a solder lug. This is where one side of the tank is connected, while the other side of the tank is connected to one of the terminals provided. Be careful that the machine screw mounted through the base does not touch the plates of the capacitor, in other words, use as short a screw as necessary to hold the solder lug in place.

We're out of room again. Many thanks to David M. Hinkley, Ed Insinger, and John Norfolk for their contributions. See you next month!

73-Jim

(This late-breaking item just in from Al Sizer)

Ed Shaw's story about the 60 meter band fire was a superb example of investigative journalism from a reporter who learned the tricks of the trade while in the Navy spinning tall sea tales with the other tars.

However, Ed acts as if the fire were over. Far from it.

I love to listen to excited Brazilians in the 60 meter band describing futbol matches with groans and moans and shouts. Recently I compiled a tape of them and played it for an exchange student from Sao Paulo. He laughed.

"They're not talking about futbol," he informed. "They're screaming about fires in their own stations."

When I understood that sporadic blazes in the band have never died out, I suddenly realized the explanation as to why great powerhouse stations like Radio Nacional de Colombia on 4955, Radio Santa Fe on 4965 (same country) and Radio Continente on 5030, in Venezuela, and a number of others are no longer heard. Burn-outs!

Another insidious development to consider--Moscow recently began strong transmissions in Russian on 4765 from a Cuban relay. Why? Is the Kremlin readying a takeover in fire-scorched areas?

I have one other point I hesitate to bring up but must. In my long career as a newspaper reporter and editor, I learned that fire officials and police quickly suspect any informant about crimes and fires who brings more information than he has a right to have. Let's be blunt about it.

Ed, did you start this fire?



Procedural vs. Declarative Computing: What, Me Worry?

by John Campbell

Many of the live research issues in computer science and artificial intelligence never get any publicity outside the ranks of the specialists. Artificial intelligence itself is certainly attracting plenty of publicity these days, mainly because it is at the center of the Japanese plans for "5th generation computing" which have been causing some commercial nervousness in the USA, though this publicity rarely goes into the details of the subject. But there is one detail in all of this which will probably make important changes eventually in the way that owners of home microcomputers think about using their machines. In particular, it opens some new possibilities for SWLs and DXers to consider. It is the issue of procedural versus declarative computing.

People who program their own microcomputers usually work in BASIC or some similar language. This is procedural programming; to get something done, the user figures out the procedure the computer will have to follow, and then writes a program which orders the computer to do it. Isn't that what all programming is about? Not quite. Think of the kinds of mathematical or logical puzzles which newspapers sometimes publish as column-fillers (except in Texas, where in my experience they use items like "The principal export of Ecuador is bananas" instead), where several facts and rules are given, and where there is only one possible answer (which the reader usually has to find by an exhaustive search of the possibilities that is consistent with all of the information. If we could treat a straight declaration of just the facts and rules as the program to make the computer find the right answer for us, we would be in the business of computing in a very non-procedural way; declarative computing, to be exact.

Obviously, this approach won't work in languages like BASIC. What is needed is a special language, in which all of the handling of the searches is taken care of automatically, and in which the facts plus the rules for a problem make up the program for that problem. Declarative languages are still being designed and improved, but the best one at present is Prolog. It is no coincidence that Prolog is an essential part of the Japanese "5th generation" planning.

I can show the basic ideas of Prolog in a simple example. Programmers should be able to appreciate how far-reaching they are, and I hope that non-programmers will say, "If programming is as clear as that, then I can write my own programs too".

A fact usually contains one key word or idea, and other words or ideas which are subsidiary to it. In Prolog, the key word is written first, and the other items follow it, separated by commas and enclosed by brackets. In "Fred is Jim's father", "father" is the key word, and in Prolog the sentence is:

```
father (Fred, Jim) .
```

Any number of such facts can be built into a program, e.g.

```
father (Fred, Tom) .      father (Bert, Mike) .  
father (Tom, George) .   father (Tom, Tom) .
```

Rules? The form is always quite simple, and is well illustrated by a single example which ought to be familiar to everyone:

```
grandfather (x,y) :- father (x,z), father (z,y).
```

It means that, for some x to be the grandfather of some y, it must be a fact that x is the father of some z, and a fact that this same z must be the father of y. Here, objects like x beginning with a lower-case letter are variables, which can stand for any particular object like Fred or Jim. When a Prolog program (facts plus rules, and nothing else) runs, the computer automatically searches for the correct objects to fill the variable slots. If I want to know who is George's grandfather, I write the "command"

```
:- grandfather (x, George).
```

and the Prolog output is

```
x = Fred.
```

A great strength of Prolog is that its programs can be run backwards, or maybe even sideways, without any need for modification. For example, the grandfather program can give grandsons too; the command `:- grandfather (Fred, x)`, will produce `x = George`. The command `:- grandfather (x,y)` causes all the second-generation pairs consistent with the known facts to be listed, i.e.

```
x = Fred, y = George.  
x = Fred, y = Tom2.
```

Finally, the same program can be used with no variables at all, to check whether proposed facts are known to be true; use of `:- grandfather (Fred, Tom2)` gives the result "yes", and `:- grandfather (Fred, Mike)` gives "no". Try doing that in BASIC!

I have used the one-sex world above for simplicity. Even non-programmers should now be able to expand it to include mothers and the additional rule:

```
grandfather (x,y) :- father (x,y), mother (z,y).
```

and perhaps even to write programs to find all the mth. cousins n times removed of x. You know enough about Prolog already to try that exercise!

For people who want to know more about Prolog, there is a useful article by Ron Ferguson in the November 1981 edition of Byte magazine, and a recent book "Beginning micro-Prolog" by Richard Ennals, published by Ellis Horwood, Ltd. The publisher tells me that a contract is being signed with Harper and Row for reprinting in North America.

The importance of the book is that it talks about a small but powerful version of Prolog which is already in use in some British schools, e.g. for teaching deductive reasoning - which, in a way, is what the grandfather program is about too. micro-Prolog is now being prepared for several popular microcomputers, on which it should run (just) with 32K bytes of RAM or more comfortably with at least 48K. For technical reasons, large disk capacity is no substitute for large RAM space in the case of Prolog.

Most computations of value to an SWL or DXer boil down, when you think about basics, to looking for relevant or interesting patterns in data (on schedules, loggings, QSLs, propagation, etc.) which he has built up. A good list of possibilities of this kind is in Bill Krause's article on computing in the May SWC. Given a collection of data, declarative computing is likely to be the easiest way of searching for new information or trends buried inside the collection without the need for long and tedious remodeling of existing programs. In Prolog, a new idea usually means adding only a few new facts and rules to an existing program.

Here is just one suggestion for an "SWL research project" where Prolog can be useful: combine Bill Krause's proposal for a scheme to use K indices to predict propagation with the non-computing ideas on the same subject from an excellent article by Barry Davies in Shortwave News (magazine of the Danish Shortwave Clubs International) for June 1982.

Declarative computing isn't a perfect answer to everyone's problems, and it has difficulties of its own, like any other kind of computing: you never get something for nothing. However, the point of this article is to spread the word that there are computing methods which allow radio hobbyists to think about desirable projects which are unlikely even to get off the ground in conventional 1983 corner-store programming languages. With luck, these should become the corner-store methods by 1986.

Bill Cole, who provided the VIC-20 program in the October SWC, writes: "The ANARC Committee (Computer) has available over 20 shortwave related computer programs for the APPLE, TIMEX-SINCLAIR, VIC-20 and COMMODORE 64 computers. A list is available for an SASE sent to: ANARC Computer Committee, 6700 153rd Lane NW, Anoka, Minnesota 55303. All of these programs are not copyrighted and may be used and reproduced by anyone. The committee also is soliciting programs for distribution."

"Paydirt!" is how Sam Alcorn describes getting "USA Today" to publish his article entitled, "Reach Out With Shortwave". They carried it nationally (and the paper has a circulation of 1.1 million!). Sam is working on another article for SWC, but has to take time out for a trip to Ireland this month.

Comments on Al Sizer's article on Brazil... "I agree with everything Al Sizer wrote in his article about Brazil. I haven't made any scientific study, but it seems from my experience that Brazilian stations have about as good a verification record as other Latin American stations. In my 22 years of DXing I've verified 100 Brazilians--98 on shortwave and 2 on BCB. I've heard 21 others, some of which yet have not had time to verify. There certainly is a lot of DXing in Brazil--and pennants too. I have 42 Brazilian pennants." (Marlin Field, Hillsdale, MI)

We'll have to hold our two excellent articles by Jerry Berg and Marlin Field for next month. If you have your sights on a new receiver, Al Sizer has a nice Christmas message for you... We're having some "technical difficulties" getting "Contact" off the ground. Thanks for your patience! Andy, where do we stand?... Hope you have an enjoyable Thanksgiving, gang, and remember when reporting to FRENEX, like they say on the Hill, "Let's be careful out there!". Hasta el mes proximo,

John



NOVEMBER 1983

Listeners Notebook

GLENN HAUSER, Box 6287, Knoxville, TN 37914

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ALASKA KNLS Anchor Point, 6170 was good in Sept, 1200 CH, 1330 RS to 1500 f/out; the beam supposedly changes from 300 to 0°, sig became even stronger after 1330 (Ernie Behr, Kenora Ont)

ALBANIA R Tirana on 9798 at 0100 21/9, SP pgm; not on 9790 (Chuck Oliver, Spring TX)

ANTIGUA DW noted on 11810 18/9 EG to Au at *0930 replacing usual 11850, but later in week back to 11850. Uses 11810 from *1000 in PT to SAm, so may have been error (Bob Padula, ADXN) 11810 ex-11850 to 1020* in EG 3/9, strong but CCI DW PT *0950! (Mick Ogrizek, ADXN)

ARGENTINA For D83, R Nacional, Bs As, registered for 17720, 100 kW, 1400-2200 to Eu & NAm; it's been several years since RAE last used 16mb; per ITU THFBS (Bob Padula)

AUSTRALIA As of 9/10, R Australia suddenly cancelled Dick Speekman's successful and steadily improving DX program 'Spectrum' (gh) As of D83, R Australia will no longer officially have services to NAm, Eu or Af (George J Popkin, CA) Perhaps some NAm listeners should write RA Controller Peter Barnett about this: R Australia, Melbourne Australia 3000 (gh) VLW9 on 9610 hrd to 1602* 2/10; nx before anthem, SIO 252. First time I had them late enough for s/off (Richard A D'Angelo, Wyomissing PA) more, LMI

BANGLADESH R Bangladesh, Dhaka, DS: 9580=unconfirmed, 7220=unconfirmed at 0600-1730. 6145 at 0350-0800, 1020-1300, ?-1805. 4890 at 0000-0400, ?-1805. 3240=unconfirmed. EG nx at 0110-0120, 0700-0705, 1530-1540 (WBI 22/9)

BENIN ORTB, Cotonou, DS La Voix de la Révolution, at 0400-2300 on 30 kW 4870 in FR & vems; and EG nx 2000-2015. Regional stn Parakou: 5025 20 kW 0400-0800 & 1600-2300; 7190 20 kW 0900-1600; local pgms, occl Cotonou relays (WBI 29/9)

BERLIN WEST RIAS, F-G 0600-0645 27/9 & 28/9, no Reloj nor Canada noted; all in GM--nx, pop mx, etc. Darkness path for me (Maxfield Greenwood, Sedgwick ME) 6005 no doubt

BOLIVIA [Cf Sept LN-17] Location of R Cobiya, 4856, is obviously Cobiya (Pando), not Riberalta (Ernie Behr, Ont) R Cobiya, 4856.5, 5/10 & 6/10 2345-0245; 0000 1D& IS taped (Dario Monferini, Andrea Lawendel, P Cacciamatta, Italy, Play-DX) more, LMI

BRAZIL R Nac da Amazônia hrd on new 9680 since 1/10, in PT 2200-0200*, w/jammer QRM // 11780 but not 15445. A report of R Nac Argentina on 9655 is wrong; it's actually R Nac Brasília in SP to 0100* hrd on 9655 since May (Ernie Behr, Ont)

Big item for Brazilian freaks like me: R Sociedade Feira de Santana, in at big level daily *0730 on 4865; I do not think this is a reactivation as I have been for a year noting a carrier s/on at 0730 here. But now it's a cinch, as it's signal strength is up to 4 level. When was last time Sociedade showed up? Not in my 4 years of DX-ing. How's this for "hey, that is weird type info"? At 0832 tune in to 0859, I listened to a good signal from R Gazeta, São Paulo on 5955, in Japanese, with fine presumed Japanese recordings and also with ads in JP, ocll PT words put me on to QTH before switch to PT format at 0859. Also, curious references to Paraguay or a homonym of that word. Gazeta's signal would easily reach eastern Paraguay. This was on 16/9. I assume a sizable Japanese settlement is in São Paulo (Maxfield Greenwood)

BULGARIA For D83, R Sofia has registered several new outlets, including: 6025 0630-0730, 7170 0400-1200, 7180 1700-1900, 7270 0400-1000 & 1400-2230, 9740 1500-2200 & 0630-0800, 11820 1030-1130, 11840 1700-2200, 15330 2200-0500 (ITU THFBS via ADXN)

CAMEROON With Baghdad on 9610, Yaoundé is in the clear on 9745 for EG nx 2100; SIO 353, much better than // 4850 which was weak & static. Comprehensive world nx roundup until 2114 ID "That is the end of the news from Yaoundé". Said next nx will be at 7:30. Return to FR at 2116 after "You are listening to the National Service in English", 1/10. On 4850 22/9 hrd Yaoundé nx at 2300 in EG, then FR nx; noted only once (Richard A D'Angelo, PA)

CANADA CBC NQ SW Service is making a rare fq change, for D83: 15285 at 1500-1829½ in Indian [sic] & Inuktitut // 11720, ex-9625 [does this mean NS will no longer carry any EG during this period, such as Sunday Morning?]. Rest of sked: 1158-1359½ on 9625 6065 in Inuktitut & EG; 1400-1459 11720 9625 FR/EG; 1830-2329½ 11720 9625 FR/Cree/Inuktitut/EG; 2330-0609 9625 6195 Inuk/EG/FR/Cree; all 50 kW at 348° beam. On weekends only the switch from 11720 to 6195 occurs half an hour later: 2359½ (RCI)

RCI D83 in EG: 0000-0059 Tue-Sun & 0000-0059 Mon on 11850 5960 both 240°, NAM. 0100-0129 11850 5960 240 NAM. 0200-0259 Tue-Sat 11845 5960 240 NAM. 0300-0329 on 9755 5960 240 NAM. 0400-0429 9755 5960 240 NAM. 0615-0630 & 0645-0700 Mon-Fri 9760 6140 both 60° Eu, D-7155 121 Eu, D-17860 D-15235 121 & 109 ME, 6045 50 kW 97 Af, D-11775 180 Af. Mon-Fri 1300-1325 17820 15440 176 Carib, 11855 212 Carib, 11955 9575 240 NAM. Sun 1400-1700 17820 176 Carib, 11955 285 NAM. 1537-1545 21695 17820 15325 47 USSR, D-11935 D-9555 68 & 79 USSR, S-15315 & S-11915 55 USSR. (17820 is exc Sun). 1645-1659 21695 17820=exc Sun 15325 60 Eu. 1800-1829(Sat & Sun -1859) 17820 15260 105 Af. 1900-1929(Sat & Sun 1959) 17875 15325 11905 60 Eu, D-7285 D-5995 160 Eu. 1900-1929 Mon-Fri 17820 15260 105 Af. 2000-2029 Mon-Fri 17875 15325 11905 60 Eu, 15140 118 Eu/Af, D-5995 160 Eu. 2130-2159 17875 60 Naf/Eu, 17820 15325 11945 105 Af, 15150 97 Af. 2200-2259 Mon-Fri 11925 9760 60 Eu. 2330-2359 11895 9755 176 Carib. Sackville 250 kW exc as specified; D=Daventry 100 kW; S=Sines 250 kW (RCI)

CENTRAL AFRICAN REPUBLIC Drifting between 5036 and 5032 this week (Maxfield Greenwood, ME, 16/9)

CHAD R Mondou, nitely at *0500 w/repetitive IS of 3 notes from some sort of basso-horn, very simplistic, a bit like the first 3 tuning notes of "My Dog Has Fleas" on a ukelele. This is followed by a presumed NA, then mx or man speaking FR. Mx is distinctly not AR-influenced, but befitting Mondou's extreme southerly Chad QTH. I, on as many as 15 checks, make fq to be 5289½ kHz, with severe het from ute on 5290. I note, studying NASWA SR/SS charts that in one of those, "slant anomalies", as I call them. The SR is actually a bit later on Sept 15 than Oct 15 (perhaps 10 mins). This is contrary to general rule, as it's north of equator; however, if NASWA charts are correct, this occurs now and then, elsewhere, also & generally with QTH approximate to equator--as it's the angling that dominates SR, SS times as opposed to the whole eastward shift of the northern vertical that is obvious above 30°N. So, actually, Mondou's peaking has passed--curious. Without processing out het, SINPO at best is 2+ (Maxfield Greenwood, Sedgwick ME)

CHINA R Beijing EG to NAM effective 31/10 but actually in use earlier: ENAm: 1100-1200 9820, 1200-1300 9820 11650. 0000-0100 & 0100-0200 9860 11650 11945. 0200-0300 9860 11650. WNA 0300-0400 9860 11650 11945, 0400-0500 9860 11650 (gh) Interesting harmonics observed 7/9: 28650, Peking F-P level; 23370 to Af, F-P (G Victor A Goon-tilleke, Sri Lanka, UADX) Beijing found on 13650 22/9 2215 in PT to Bzl, // 11600; in expanded 22mb; also is harmonic of traditional outlet 6825 (Bob Padula, ADXN)

COLOMBIA Bucaramanga, 4845 0900 16/9--it's been [missing] a long time (Greenwood, ME)

more, LMI

COSTA RICA New SW xmtr: Cadena Columbia, San José on 4825, hrd 9/10 0230-0515, G-E; addr Apartado 708 (F Sandri, Italy, Play-DX) More like 4824.6, heavy het from Guat til apx 0230; also in morn; much stronger than Reloj-4832 (gh) R Impacto on 6150 at 0130 22/9; nice local mx, but 40 over 9 on 1 kW? (Chuck Oliver, Spring TX) R Impacto reported 15/9 inauguration of its new 20 kW xmtr (no further details). In ancing its 24h svc, said 20-min Impacto Noticioso nx'd be at 0300, 1330, 1830 (WBI 22/9)

Survey shows R Reloj on 730 kHz 24h, 6005 & 4832 // 1100-0800; significant pgms: 1130-1300 Mon-Sat, 1330-1400 Sun, 1730-1830 Mon-Sat, 0100-0130 Tue-Sun: Radioperiódico Reloj--domestic & Intl nx, interviews, comment. 1300-1315 Mon-Sat Panorama--pgm from Natl Chamber of BCers. 1320-1325 Mon-Sat, repeated 0050-0055: Commentary. R Reloj also bcs 5-min nx every half hour (WBI 6/10)

CUBA RMWS on 3345 and strong in early eve, [expletive deleted for the easily offended] them! (Maxfield Greenwood, Sedgwick ME) You mean Mayak, or was this actually in EG & not the NAM svc? (gh) The Cuba-based relay of All-Union Radio's Mayak pgm returned to 4765 on 12/9, having been on 3345 almost continuously since 6/9 (WBI 22/9)

For D83, Havana has registered many unusual outlets, incl: 5955 2200-0600, 9655 0900-1000, 9670 0630-1100, 9740 2200-0600, 11890 1700-2200, 11960 2200-0600, 15125 1700-2200, 15130 1100-2200, 15175 1900-2200, 15185 1100-1800 & 2100-0600, 15260 1100-2200, 15285 1000-1100, 17820 1700-2200, 17885 1900-2200. D83 THFS also shows continued regs of 13mb fqs, as for past year, but never taken into use (Bob Padula ADKN)

CYPRUS, LMI

CHILE Recent obs of R Agricultura, Santiago on 9630 show short 3-5 min nx every hour on the hour. Says main nx bulletin, Noticias, is 5 times daily: 1000, 1130, 1730 2330 0400 (WBI 6/10) R Diego Portales, listed for 9570, is only on the air for special events--if you want to get the chance, try during the mx festival "Viña del Mar" in Jan/Feb (Gabriel Iván Barrera, Bs As, via Don Jensen, via AWR DX 18/9 via DSWCI)

more, LMI

DJIBOUTI 14/9 tune-in 0258 almost positive was naught but the awful ute audible but at 0300 a distinctly Islamic-type IS hrd clearly, played on a clarinet-like instrument, consisting of 8 notes, repetitive, melancholy and penetrating like a mourning dove's call is. Voice of man in lang, quite possibly Somali, then came, but could not make an ID as ute buried it at the wrong moments. And then at about 0303 a male solo Islamic chant continuously to 0325 when of all things the unusually vacant Carg bobo f/up and that was that. Is Richard Wood reading this? Hello, Richard, can you confirm or not confirm for Djibouti on the above info? [Later:] Djibouti, Wow! over whelmed! 4780 ute on 22/9 with NA at 0300 s/on, but did not have the clarinet IS this time. Then M, quite audible, suspect Somali, then solo Islamic chant, Koranic? then nx by W & M at 0610 [Max slips into local time], 0630 with the as usual like clockwork 'spy' interruption 0615-0620--this is not SP or GM numbers, it is a repetitive Arabic-sounding word group, and the words are the same every day; could it be an ID to the ute, word sounds like Kuwait. At 0645 Djibouti weakens to 42+343+. On 27/9, sudden *0305 w/continuous chant--strong! (Maxfield Greenwood, Sedgwick ME)

A recent two-week survey of 4780 kHz shows R Jibuti bcs pgms in Somali as follows: 0300-0302 Opening anmts, 0302-0325 Holy Koran, 0325-0345 Mx, 0345-0400 Nx, 0400-0429 Mx, 0429-0430 Nx headlines and closing anmts. 1600-1601 Opening anmts, 1601-1603 nx summary, 1603-1630 Mx/religious pgm, 1630-1635 mx/ads, 1645-1700 nx, 1700-1729 mx, 1729-1730 nx heads & closing anmts. Use of 4780 for other lang svcs not currently noted (WBI 22/9)

DOMINICAN REPUBLIC R Clarín was missing the third week of Oct. Because of generally poor reception and unreliability, R Earth was to have left R Clarín for WRNO as of 1/11. More under USA (gh)

ECUADOR Well after my sunrise, an Ec *1055 w/NA apx. Ondas Azuayas on 4977. Have also last spring noted a Honduran here, have ID but is in Indian. [Later]. Ec stn on 4977 is R Tarqui, positive ID 1045 27/9 (Maxfield Greenwood, Sedgwick ME) more, LMI

EGYPT R Cairo on 15370 at 0220 11/10, EG nx, ex-15375? (Chuck Oliver, Spring TX) R Cairo's 2300-0200 in AR, and 0200-0330 EG to NAM hrd on 15370 ex-12000; 0200 // 9475 (WBI 13/10) July-Dec 1983 sked to NAM is 0200-0330 on 9475 15370. Pgms include: [NAM days rather than GMT days?] Daily 0202-0205 Egyptian Music (exc. Fri: Religious Song, then Holy Koran and Interpretation). Sun 0245 Listeners Mail. Mon, Tue, Thu, Sat 0205 Mail Call. Mon 0250 Stamp Collectors Club, 0300 Between Cairo & America. Tue 0225 Spotlights on the Middle East, 0235 16th-20th Century Egypt, 0250

Tourism, 0300 Cairo This Week. Wed 0205 Science in Egypt, 0235 Papyrus to Paper, 0245 Listeners Mail. Thu 0225 Egypt's Foreign Policy, 0235 Pharaonic Egypt, 0250 Women's Magazine, 0300 Celebrated Egyptian Singers. Fri 0235 Reader's Corner, 0245 Listeners Mail. [Sat sked cut off edge of paper.] (via John H Bruckner, Westfield NJ)

EL SALVADOR R National Sovereignty, 9/9 and it's now on 9550 in addn to 7050 & 6980. Use of 9550 confirmed at 0000 13/9 when also hrd on 6980--leading 9550 by 8-10 secs. And 7050 channel, previously hrd on 7075, not hrd (WBI 22/9) This BBCMS item makes no mention of El Salvador; it is headed w/stn name like clands of unknown location (gh) R Soberanía Nacional, 9553.25, from 0202 w/ID, SP tlks & NA to 0230*v; fair 3/10 & 6/10, but no // noted (Ernie Behr, Ont) You seem to have a propensity for quarter-kHz. Is this an artifact of your measuring process or are your fqs all correct to two decimal places? (gh)

FAIKLAND ISLANDS Flash! 27/9 check for FIBS on 3958 for a hopefully strong s/on, and by 0905 it was apparent it was not going to s/on. Went to 2370, and nothing. Then remembering a McDaniel logging, Sept FRENEX LR-A, of 2380, I tuned it in, and voilà! There it was, tho at poor level. So FIBS is no longer that "steady Eddie" 2370 kHz of old. It's now "loosey-goosey, fancy-free," "catch-me-if-you-can", "here I am, here I am not" Mister FIBS. But more seriously, why would it leave 2370 after so long a fixture there? (Max, in remote coastal hideaway; Down-East Maine) Relatively big signal from 3958 26/9 w/BBC nx 0902, best for me since learning of its 3958 AM location--fluctuating rapidly between S-9 and 30 over 9, with carrier "rush" hrd intermittently. At 0915 man takes over, gives 3958 fq and wx report, ID, then pop mx. S-meter still going up and down after switch from the BBC pick up, make SIN PO at 0915, 452+33+, with 90% readability--would be 100% except for moments of high QRN "crackle" hurt reception. On a scale of 10, rate propagation (N-S) today at a 8.5. Between mx song names and "have a nice day" stuff. Quality of audio hurt by signal strength rapid flux. I have no AGC. I estimate that by 1/11, FIBS will not propagate in AM at *0900, so move fast, if not yet done. Slightfading by 0935, format same at 0940 as I tune out to try for more DX on VG opening! SINPO 452+33+--no hams! (Maxfield Greenwood, Sedgwick ME) Later: Seems like I lucked out, as I have only noted it at much inferior levels on 2380, since my best ever on 3958 at *0900 (MG)

FRANCE An RFI printed sked for S83 shows RFI Af svc "Network South" has been redesignated the "World Service" (French: Service Mondial). Former Af svc'd been beamed to WEU since 9/81, and since May this year, RFI's Eastern Eu svc "Network East" has incorporated an increasing amount of relays of the former Af svc. Parts of this svc were also relayed to NAM. Sked also shows WS now also to ME 0400-0600, mainly FR but w/EG nx twice (WBI 29/9)

GABON For D83, Africa Number One, Moyabi listed: 7160 1800-2200=relay RFI Paris, 7200 0800-1700, 4810 0500-0800 & 1800-2300, 9715 2230-2245=not daily, 11815 1715-1800, 11850 1700-1750=not daily, 15200 0800-1700, 15435 1800-2200=RFI relay, 11940 0700-0800 & 1700-2300, 17750 0800-0900=not daily (ITU THFBS via ADXN) Those assignments are tentative; OOB channel 9790, used in S83, doesn't show up in official ITU info as ITU does not list OOB ops! Some fqs carry local pgms of ANO, which for S83 has this sked: xmtr #1: 0500-0700 4810, 0700-1700 7200, 1700-2300 4810. Xmtr #2: 0500-0600 11940, 0600-1600 15200, 1600-2300 11940, per ADDX, differing from ITU! (Bob Padula, ADXN) Non-dailies probably RVOG pgms, etc. (gh)

GREECE ERT on 9865, 9440, 9430, 9420 all // at 0045 22/9; G sigs, exc bad het on 9418. Have hrd Hanoi there, but doubt at this hour; het gone at 0300 (Chuck Oliver, TX) 9.4 MHz xmtr w/spurs? (gh) 7370 new fq for GK to Cyprus ex-11645, // 9855 9420 at 0515. Also GK to Au 2105 20/9 (Bob Padula, ADXN) VOG has a new mailing addr: Greek Radio & Television, Direction of Technical Services, Mesagion 402, Agia Paraskevi-Attikis, Greece (Patrick McDonald, ADXN)

GREENLAND When living in PA, winter 81/82, I noted this, however frustratingly poorly due to the 39ers' Net on 3999 kHz--but its presence was a surety, as besides occ 1130+ natches [?] and 2000+ weak signal there was always a carrier tone--but even though my new QTH & antenna are far better for catching Greenland, I did not so [much] as get a carrier tone during the entirety of the winter of 82/83--& I surmise it is either moved, broken down or running on exciter power only, about 40 watts. I look w/keen interest any new info on Greenland; & I will be once again going after it this 83/84 winter (Maxfield Greenwood, Sedgwick ME) Try M^w 700 kHz (gh) GRENADA, LMI

GUATEMALA TGWA LV de Guatemala, 9760, vy strong 0400-0500+, IAm songs & IDs, 17/9 only; seems anniversary or other special event on this day (Ernie Behr, Ont) Well, 16/9 is CAM independence day, as I recall (gh) Oswaldo Juárez V. says in a letter from Guatemala that IRCs do not have any legal value there, so don't bother to send them w/reports, to R Mam 4825, and Tezulutlán 4835. R Tez varied w/QL card in 9 month, no IRCs sent (A Meroni, Play-DX, Italy, 17/10)

GULANA FRENCH [not "French Guinea" as hrd on R Nederland] During 1984, RFI pgms are planned for relay to IAm via 3 new xmtrs here. Tent D83 assignments: 9575 0900-1100, 9605 2200-0200, 9615 1800-2200, 11790 2200-0200, 11880 0900-1100, 15300 2200-0200, 15435 1100-2200, 17860 1400-2100. 500 kW; plans on-air date during early 1984 (ITU THFBS & MN via Jonathan Gordon-Till, ADXN) Some fqs already used other sites/times

GUINEA-BISSAU Following up my Oct IN report--tho still producing a previously unhrd of quality signal, GB is not s/on on predictable basis--and in 10 check-ins at 0615 & 0655, I have only hrd it on 2 occasions (both were on at the early time of 0615 & had switch over at 0658/59 to regular PT bc). So, much like the finding of the exceptional Cabo Verde, Práia on 7155/54 (I favor 7154) by Bob Hill last year, it's a case of try & try again--& one of those attempts will bear much fruit. (I myself, admittedly went 0 for 15 [?] on CV until one weekday I got it at an overall 4 level--GB, maybe in that category, i.e. it may be on for 3 to 5 days running, and then not for 14--[expletive deleted for the easily offended NASWAN] if I know why! these seemingly fine xmtrs are so curiously sporadic--could energy problems (either lack of, or funds to pay for, force these financially poor nations to be so restricted? (W Maxfield Greenwood, Sedgwick ME) G-B is obviously quite irregular, not on the past week (Greenwood, 27/9)

HONDURAS The stn on 2800 kHz has an ID of HRP1 in SP. Hrd 18/10 and many other nights. Too strong to be a harmonic. One night 0400* (David Swearingen, NC) How strong is too strong? Don Moore's CAM list in IRCA DX Monitor does show this call for El Ecc de Honduras on 1400 kHz--same stn formerly on 6000 (gh) Also hear 2800(gh)

INDIA AIR Bombay, GOS for NEAs on new 11875 ex=11895 17/9 2245 (Bob Padula, ADXN)

INDONESIA Since 11/9, the 38th anniversary of RRI, all RRI stns are now on the air continuously 24h. The 250 kW xmtr at Cimanggis, Bogor, near Jakarta is planned to be operational by end of 1983, and the 2nd 250, Medan by end of 1984. Another 250 kW is planned for Ambon (E H Pranato, Indonesia, ADXN) RRI Sibolga, 5257.4, F-G at 1540-1658* ID 13/10 & 15/10 (Giuseppe Zella, Italy, Play-DX)

IRAN VOIRI, 9022, improving reception quality--unfortunately, pgm quality remains the same; IS, chimes, IDs, cultural talks, nx of 'the war', SIO 343 *1930-2030* 1/10 (Richard A D'Angelo, Wyomissing PA) 15/9 1930-2030 on 9022 was 5444+4, first time in a whole year (Maxfield Greenwood, ME) It's not as raving as in the past, and the woman has much improved her English. Continues to be remarkable in its propagation (Greenwood)

IRAQ R Baghdad has resumed GM svc after a 3-yr break, hrd 4/10 on 9610 2030-2120; 2130 EG but 9745 ancd. 9745 carried RB V of Masses svc to 2100 (WBI 6/10) RB EG to Nam currently hrd 0300-0400 on 21585 [but not likely to be hrd in Nam! gh]. 9610 also carries resumed FR svc after 3-yr break, 1930-2030, GM to 2130 (WBI 13/10) RB noted on new 9610 at 2155-2218 EG, mx/mbg, DW QRM at 2200, SIO 322 1/10 & 30/9 (Richard A D'Angelo, PA) RB on new 9610 since 5/10, *1926 IS & FR, 2030 GM, 2130 EG to 2222*v; sounds like 250 or 500 kW powerhouse. 9745 is in AR, QRMing Cameroon (Ernie Behr, Ont)

ISRAEL Net-D, AR svc to Israel & Arab World, 0358-2215 (Ramadan to 2300) on 7465. Galey Tzahal [sic], Israel Defence Forces Radio 24h in HB on MW, FM and: 2905, 2682, 2025, 1944, 1880, kHz (WBI 6/10) Anybody hear these? Some DX targets! (gh)

ITALY Radio One of RAI is on SW 9515 6060 0500-2228; Radio Two on 7175 0500-2229; Radio Three on 3995 1600-2225; Night pgm on 6060 2231-0457 (WBI 29/9) No mention of these being in Caltanissetta, Sicily, as DXers prefer (gh)

R Time/IBC, Firenze on 7105 ex-7110 17/9 & 18/9 0700-1500; R Victoria/R Milano Intl, 7295 17/9 & 18/9 *0700-1100* (Dario Monferini, Play-DX) R Time/IBC, Firenze on 7105 ex-7110 24/9 & 25/9 0900-1200; R Victoria/RMI in EG 7295 24/9 & 25/9 *0800-

1200*; R Milano Intl, 7295 *1200-1515 same dates (Dario Monferini, Play-DX, Italy)
R Victoria via R Time/IBC Firenze xmtr, 7105 1/10 & 2/10 *0800-1200*; RMI/R Victoria
on 7295 //7105 same dates *0800-1200*. RMI/World Mx Radio on 7295 same dates *1200-
1600* (Dario Monferini, ibid.)

IVORY COAST I hrd R Abidjan on 4940 16/9 but since then it has been reported on
4820, logged by e.g. Alexander Koutoumanis in Greece around 2000 (Finn Krone, AWR DX
2/10 via DSWCI) Not the only African jumping to 4820v/! (gh)

JORDAN 14/9 big signal from 7155 2220 t/in to 2330*, best ever. I, reading of repo
rts of it in FRENDX/LN, did go for it one afternoon/early eve, either last week of
Aug or 1st week of Sept, and it was, relative to all my (& few) Jordan hearings--
simply terrific. A "final" I call such a reception--that is, it was so satisfactory
I would need never tape again. I tuned in at 2205 and was with it until its
2330* s/off, and except for a "CQ, CQ W4... cutting in sporadically, it was clear
channel. However, I checked out at 2200, 2300 the 7155 fq 5/10 and it's not possi-
ble to hear it, as various bcers are back & hopelessly covering it. In short, the
7155 idyllic conditions for receiving Jordan are vanished w/arrival of the fall be-
sked changes of the Euros & Turkey. Maybe next summer! (Maxfield Greenwood, ME)
Amman, 11920 now hmeves in AR //7155, not on usual 9530, and QRM from Madrid here,
at 2123. Apparently ex-9530 (Bob Padula, ADXN) 7/9 1550, Jordan in AR on 28578, 3 x
9526, fair strength (Victor Goonetilleke, Sri Lanka, UADX)

KASHMIR INDIAN Tips for this year based on last year: I have, circa optimum dark
phase (Dec 15-Jan 15) hrd at "joyous" (to me) Srinagar on 4860, tho at odds w/WRTH
which for 83 list Delhi in my AM (& in 82, Srinagar--but only for 2300-0500 & I have
hrd this over RMWS a couple times at Srinagar's SR). But R Kashmir ID is clearly evi-
dent on tape. Be on watch for it, but stress that 82 & 81 may not // 83! but it's
one way of getting DX news out before the narrow window occurs, and thus will have
the potential of being of immediate use, as opposed to "well, Greenwood hrd such &
such 6 wks ago, but it can't be hrd now & so on" (Maxfield Greenwood, ME) Time?

KOREA SOUTH Still trying to snag the Korean from R Moscow here unsuccessfully, but
came across Korean [language] on 6015 so settled in. Turned out to be KBS HS, other-
wise listed in 49m as being on 5975. At 1420 had two men in discussion; by 1430 a
wonderfully soft-voiced woman between and over late-night-style mx. Tuning back at
1458, had the real-thing version of "Rhapsody in Blue" going, faded it down, man ID
for KBS ahead of time pips for 1500z, which were of the Japan/DPRK type in that
last pip faded down. Into another pgm, but I headed for R Japan's EG on 9905. Still
in well at 1545 retune. Unhrd on listed //3930. I had subliminally wondered months
ago if KBS could possibly be using 5975, because Beijing has used it for KR ES for a
long time. 5975 listed as 10 kW out of Gyung-san, 3930 5 kW Suweon. There is a 50
kW WRTH listing for Suweon on 6015 in ES, but no mention of 6015 as being used in
any of the ES xmsns! True, this listing is ood [out of date?], but no one seems to
have caught the conflict. So bet 6015 is 50 kW out of Suweon. It doesn't sound
like 10 kW. Nice to hear the real KBS HS. Unfortunately, it isn't strong enough to
tape for Korean friends here; 2/10 (David Newkirk, Seattle WA)

For D83, R Korea, Seoul, has registered an amazing array of unusual and new chan-
nels, including: 6110 1600-2400, 7130 1130-1400 & 1730-2200, 7250 0800-1100 & 1500-
1930, 7265 0700-1030 & 1930-2400, 7255 1100-2000, 9515 0900-1300, 9535 1200-2200,
& 0200-0500, 9555 0200-2000, 9565 0800-2000 & 2100-0600, 9650 0900-2400, 11740 2000-
1100, 11745 1130-1500, 11945 0600-0930 & 2300-0200, 11955 1000-1730 & 2330-0130,
15175 2300-0200 & 0430-0730, 15280 0600-0930 & 2030-2200, 17710 0700-0900 & 2230-
0100, 17740 0830-1200 & 2130-0100, 17820 0600-0900 & 1200-1700 & 2130-2400, 17860
0730-1030 & 2130-0030, 17870 0230-0530, 6185 2000-2200 ! I don't know whether that
means anything - in the past, this stn has tended to register all sorts of channels,
but never used them, preferring to install itself on multitudes of mysterious and
OOB fqs! Take your pick. Data from ITU THFBS (Bob Padula, ADXN)

LAOS The foreign svc aired from age-old defective xmtr is not hrd again on 7045v.
They will come back on the air after mending-operations, but the time has come for
them to replace the obsolete equipment if their voice is to be widely hrd. On 18/9
all five regional stns were hrd: Luang Prabang 6980, Udon Sai 6870v, Pakse 6590, Xi-
eng Khouang 5610v, Houa Phan 4653. Best time for Eu DXers would be around 2300 when
all of them s/on w/characteristic melodies (Sarath Weerakoon, Sri Lanka, AWR DX 2/10
via DSWCI)

LEBANON In an interview bc by R Lebanon 4/10, the Minister of Info & Justice [interesting combination! -gh] said that per statistics, R Lebanon had larger audience than all other stns, contrary to before Israeli invasion. Asked about private stns, he said that before anything could be done, it would have to be established whether they had the legal right to exist, and that matter required study. So far, "we have not been able to study it for several reasons". Asked whether, when the question of the private stns was studied, the result may be the application of censorship to those stations, he replied that they'd be found to be either permitted or not. If found to be permitted, there would be censorship. If not, if they had no permit and were broadcasting anyway, there was obviously a violation (WBI 13/10)

LESOTHO R Lesotho ancd 15/9 that it'd introed an hour-long nx magazine pgm in EG at 0430 w/background to nx, brief interviews, some light mx. Similar pgm in Sesotho 'd begin within a week called "Rea le Metati" (The People's Paper). It'd also carry a lot of intl & local nx, incl topical interviews. A R Lesotho spokesman said that a concerted effort was being made to ensure that the Basotho people did not rely on S African radio for intl nx, as it put out news to suit that country's internal policy. The only way this could be done, said the spokesman, was thru providing up to the minute and extensive nx coverage (WBI 22/9)

LIBERIA ELBC, The Liberian BCing System (LBS), Monrovia DS 0500(Sun 0600)-2400 pgms in EG & local langs at 0500-0900 on 3255, 0900-1900 6090, 1900-2400 3255; includes these EG pgms: Nx 0600-0605=not sun, 0700-0710, 1000-1005, 1200-1210, 1400-1410, 1900-1915, 2100-2112, 2300-2315. Relay BBCWS nx 1700-1709; relay BBCWS Focus on Africa 1709-1730. Armed Forces magazine Wed 2115-2145. Relay VOA African Panorama 2145-2200. No further details available (WBI 29/9)

MALAYSIA Xmtr on [15]295, normally carrying VOM ES, now obs w/R Malaysia DS in Malay 0130-0530, EG 0530-0550 (WBI 22/9) R Malaysia, KL, using addl outlet 11885 1030-1230 w/VOM Chinese svc, 0630-1030 Malay. // 15295 0630-1030 (NDXC via ADXN) ITU THFBS for D83 shows 11900 listed, 1030-1230 500 kW, 15295 500 kW 0445-1230 & 1530-1900. No doubt, 11885 refers to 11900. There are two 500 kW xmtrs available--stn seems to be using one at odd times lately, such as local daytime relaying DS on 15295 (Bob Padula, ADXN)

MALTA ICR Toronto pgm noted on new 9770 since 11/10, in EG 2030-2115*, but QRM-USSR to 2100; no better than ex-9515 (Ernie Behr, Kenora Ont)

MAURITANIA During past month, Mauritanian R's 4 MHz channel found on occasions on 4820 apx instead of 4845 (WBI 29/9) See IVORY COAST

MEXICO Found seeming new Mexican, XEUI on 5982, 2210 15/9, G sig, M & W ancrs, typical Mex mx. XERMX, R Mexico on 11770 at 0130 31/9, poor because of hash on fq, XEQM, Su Pantera on 6105 at 0115 22/9, F sig, but lots of hash. Pretty good for 250 W (Chuck Oliver, Spring TX) You're not that far away

MONGOLIA R Ulan Bator is back on 9577.3, w/much better sig & modulation; hrd 11/10 from 1332 CH, 1402-1434*v in EG (Ernie Behr, Ont)

MONTERRAT In a despatch from Plymouth, the CANA nx agency reported that the W German owned Antilles R Corp, ops of R Antilles, ancd launching new bilingual svc for E Carib in EG & FR from 1/10, simultaneously on 1450, 930, 740. Press release from stn says RA was regarded as "most powerful commercial stn in entire western hemisphere". [200 kW on 930]. Reason behind decision to combine svcs was to extend the so successful bcng concept of the past to the FR territories of the Carib, by breaking down the lang barriers. Staff of RA 'd been re-organised into six mixed teams - EG/FR - who'd man the svc 1000-2200. Nx every hour. New svc'd originate out of ultra-modern studios in Plymouth. Also new ID as "R Antilles, the V of the Caribbean/La Voix de [sic] Caraïbes" (WBI 6/10) Lousy idea; if 740 is // 930, what's the use of it from same island? C M Stanbury was surprised to hear me say on RCI that 1450 is St Vincent relay. Well, that's what the WRTH 83 says on pp 307, 312 and 499. Ian McFarland says that from 1/1/83, these three Mw fqs will relay RCI Carib svc in FR & EG 2300-2400. Dying any of them in NAM will be quite tough (gh)

MOROCCO Monitoring past fortnight shows several changes to SW fqs relaying MR AR DS. SW now hrd 0500-2400 apx, ex-1000-0100. Fqs vary considerably, but obs: 0500-0700 on

11805 9865, 0700-0800 15335/11825 9865, 0800-1000 17815/9865 15335/11825, 1000-1700 17595 15595 15335, 1700-2100 17595 15335 15270, 2100-2400 15335 9575 (WBI 13/10)

MOZAMBIQUE RM caught on 11818 several times lately. This time at 0500 17/9; wish they would verify; good sig. (Chuck Oliver, Spring TX)

NIGERIA FRCN testing in EG on 4932 15/10 1730-2030, ID as R Nigeria, Ikoduri [sic] Lagos, reports to Broadcasting House, G-E (Dario Monferini, Italy, Play-DX) Lagos on 4990 is producing spurs of 5005 and 4975, as opposed to 4990, their modulation is very bad (Maxfield Greenwood, Sedgwick ME) R Nigeria, Abeokuta, has been reported in Sweden as being active on 4760, hrd at 1830. I have not been able to hear it yet so cannot confirm (Finn Krone, Denmark, AWR DX 2/10 via DSWCI)

NORWAY, LMI

OMAN For D83, R Oman has these assignments: 100 kW: 0130-0500 6120, 0500-0600 9510, 0600-1500 9735, 1500-1800 11820, 1800-2000 9510, 2000-2200 6175. 50 kW 11890 0130-2200 (ITU THFBS via ADXN Oct)

PAKISTAN RP on 17660 at 1106-1115* w/slow speed nx--numerous anti-Soviet Afghanistan stories, SIO 2+52+, heavy fades 1/10. WS of R Pak ID, into nx 1700 by woman on 11670, SIO 252 2/10; //15505 barely audible (Richard A D'Angelo, Wyomissing PA) R Pak on 11785, fair 1200 18/9, EG nx, many ments of R Pak (Ben Veenkamp, Qsld, ADXN) I guess this is domestic svc (gh)

PERU R Nac de Perú on 6095 at 0400 24/9, some Latin mx but much American. Presume this is Lima (Chuck Oliver, Spring TX) R Huamachuco, 3828 and 3838 kHz, sent personal letter signed by Sr. Manuel Domingo Gil Gil, Director Gerente; he was not aware the stn operated on SW, from which it may be deduced the SW reception is due to a harmonic mixed with a spur (Ralph W Perry, TX, Play DX Italy) R Loreto is inactive on 5060; R Eco, Iquitos, 5112, was founded 9/1/69; Director Ejecutivo Marco Panduro Rivadeneira. QTH: Jirón Arica 465, Iquitos. R Atlántida, Iquitos on 4790 and 9725, Dir. Julio Reategui Trigos. QTH: Jirón Arica 441, Iquitos. LV de la Selva, 4825, founded 4/4/72; currently only 2 kW on 4825 (Mery Dione Blas Rojas, Play-DX, Italy, 17/10) more, LMI

PHILIPPINES FEBC Manila on 15300 ex-15305 EG SEAs/India 0000-0500. Tamil 1330-1400 on 9500 ex-9505 to avoid K1WR-9510 (Alok Das Gupta, India, RA Japanese DX 1/10 & Asian DX Review) FEBC spur on 11850 from 11890 xmtr, Chinese svc, 1030 4/9, very poorly modulated and weak signal (Matthew Francis, Tasmania, ADXN)

POLAND Scouting R Stn (Polish: Rozglosnia Harcerska), 6195 1 kW 0900-1600, pgms produced by the Polish Pathfinders Union. 0900-1100 relay PR 3rd Pgm Mon-Fri; Sat/Sun Scouting pgms including Sat 1030-1140 Scouting report. 1100-1500 Scouting pgms incl 1100-1110 Mon-Fri nx, 1130-1145 Sun Scouting Report, 1300-1310 Mon-Sat nx, 1430-1445 Sun Scouting Report. 1500-1600 apx relay PR 3rd Pgm (WBI 6/10)

PORTUGAL AWR Sines, new time for DX pgm Sunday w/SW tips from Finn Krone, DSWCI: 0900-0915 on 9670 (Anker Petersen, DSWCI SWN) R Renascença, Lisbon, non-governmental Catholic stn ES to Portuguese Emigrants: 0945-1230 Sun Eu 9575. 1355-1800 Sat/Sun Eu 9680 incl relays of DS sports pgms. 1800-2030 Eu 9680 incl 1830-1900 regional nx, 1930-1955 nx partial relay of DS. 2330-0130 Brazil 11730 incl 0000-0020 nx, 0100-0120 nx (WBI 22/9)

QATAR Recent survey shows QBS relays DS in AR on SW: 0245-? 11885, 0800-1300 21525, 1300-1730 17910, 1730-2130 11740. Low power xmtr on 9570 unconfirmed (WBI 13/10) For D83, Doha fq assignments: 250 kW: 0230-0700 9715, 0700-1300 17725, 1300-2130 on 9715. 100 kW: 0700-1300 21525, 1300-1730 11925, 1730-2130 9555 (ITU THFBS via ADXN)

ROMANIA Some D83 fq assignments for R Bucharest: 7135 1400-1900 & 1930-2130, 9640 1730-1800 & 1930-2000 & 2200-0430. 9750 1530-2200, 11970 0530-0600 & 1400-1500 & 1800-2200 (ITU THFBS via ADXN)

SAIPAN On 20/9, FCC authorized KFBS to test whenever they are ready during local daytime only, 0000-0600, on 9510 9670 11720 11775 15170 15415 17725 17860 17875. However, nothing has been hrd as of late Oct, so delays are presumed. Not known whether same test fqs would be available in D83. The test fqs are distinct from the pgm fqs in Sept LN (gh) Addr is Box 209. New addr for other stn, KY01 is Box 1397 (Ian Eadie ADXN)

SÃO TOMÉ & PRÍNCIPE I've not hrd a trace of this on 4806+ 1 kHz fq for at least 17 months -& I can only conclude that either they have shut down & shifted to a MW service totally (this is most likely) or they have a break down (unlikely) or have moved to a yet to be discovered new frequency (a slight possibility). But, I personally have put ST&P on my "it's a SW-dodo bird--that is, it's gone, man; it's Gone!" (Maxfield Greenwood, Sedgwick ME)

SA'UDI ARABIA Holy Koran R, Mecca hrd on 21670 & 21530 0705-0955 apx. 1000-1150 21 530 carries BSKSA ES in Indo (WBI 6/10) HKR hrd 0500-0700 on 17720 11730 (WBI 13/10) ITU does not show out of band allocations - for example, some assignments will be indicated as "17895" when actual usage is 17900, 17910 or 17930! Similarly, 3lmb al locations end at 9750 [9770??] - usage in range 9755-9900 often shows up merely as "9750" ! (Bob Padula, ADXN) It's about time this and several other countries stopped playing such silly lying games. It makes them look extremely foolish, as the actual frequencies for public broadcasts are easily determined and patently obvious to anyone but the bureaucrat looking at the ITU books (gh)

SCOTLAND R Europe International/R Freedom, 9420, is not Italian; testing with 25 watts. QTH: Dep. R., 67 Elm Row, Edinburgh EH7 4AQ (Kimmo Ahonen, Play-DX) That is not their QTH, it is their QRA. Provisionally listed here under Scotland (gh)

SEYCHELLES FEBA has interesting pgm "This is FEBA Radio" Thurs 1600 in which their staffs are introduced and interviewed (Asian DX Review) Presumably on 15325 11895 (gh) News for Africa is a new EG segment, 1607-1612 on 15325 (Alok Das Gupta, ADXN)

SOLOMON ISLANDS SIBC noted on 5020 at 1055-1106 w/Island mx, brief talk, ID, nx 1/10 (Richard A D'Angelo, Wyomissing PA)

SOMALIA Gordon [Darling?] reported hearing Hargeisa in June 11630 1630-1710 very weak and tremendous CW QRM. I just tuned into 11640 but no joy. I too hrd it nice level on 11639v in June. I just tuned to 11640 to see if Hargeisa was back because in Aug they were off the air. No luck and nothing on 7120 either, now at 1540 6/8, but Greece is there blasting in w/beautiful Greek mx, 1545 EG nx 11645 (Victor Goonetilleke, Sri Lanka, UADX)

SRI LANKA RMI has been dropped from the domestic svc since mid-Aug, I think. Can't find it at all Sunday eves. It was first at 1300, then 1200, then 1000 and now off. I would urge listeners to ask SLBC to reintroduce it. RMI is hrd well in SL at 1100 on 11835 (Victor Goonetilleke, ibid., UADX)

SURINAM In a circular from ITU IFRB 30/8, Surinam has registered fqs which'd emanate from a 100 kW xmtr in Paramaribo. Reg for THFBS D83 is: WEu 1700-2200 21685, 0500-1000 11790, 0200-0530 9590; 0900-1100 & 1600-1800 & 2300-2400 6020; Carib 2130-0200 9630. These regs not necessarily a definite sked (WBI 22/9) Incredible coincidence: ALL these fqs are used by R Nederland, Lopik or Bonaire, at one time or another. Is this meant to QRM R Nederland? Or is R Nederland actually involved in this? Could the registration actually be on the part of the 'outs' opposing the current government as they have threatened to start up bcs to Surinam? See CRANNY (gh)

SWITZERLAND SRI sked from Swiss PTT for D83 shows addl xmtr in use; and some OOBs: 0600-0645 12030 Af, 0900-1530 12030 Eu, 1815-2030 12035 Af, 2045-2215 12035 Af, 15570 N&CAm (WBI 20/10)

TAHITI RF3 on 11825 at 0505 17/9, S9 sig w/beautiful native mx. If no more RF3, then what? 15170 & 6135 barely readable (Chuck Oliver, Spring TX) It was FR3; answer: (gh) Re Sept LN, I can verify that stn now goes by RFO call. When one visits the studios in Papéété, one sees this very large, colorful sign to the right of the main entrance, "R F O". I make it a habit to visit French Polynesia every year, and I have a number of close friends who work at RFO in both radio and TV. RFO stands for Radio-Télévision Française Territoire D'outre Mer. Those asking for a QSL card may still receive the old FR3 cards. One day, just as I was leaving the station with my friend who works there, I asked for a QSL card and was given one of the old FR3 cards. However, for those who speak French, listening very close to the sign off, you will hear them announce "air - eff -oh". If there is anything I can answer about RFO, such as details on programming, when they simulcast radio & TV, where their studios and xmtr are, please let me know. This year I was given one of the RFO

press passes, and was with the crew as they were broadcasting the dance competition between July 17 and 23 (Ross W Forbes, WB6FJ/FO8FB, Los Altos CA)

TAIWAN WYFR China & India svc, D83: India EG 1300-1600 15525. China in Mandarin 1100-1600 7130 7315, 1210-1410 & 1420-1620 9765, 2100-2300 7130 7315 (via M L Flanagan Jr, Charlottesville VA) In many other DX publications I keep seeing this listed under USA w/no mention of Taiwan xmr site; knowledge about this seems to be very slow in spreading (gh)

TANZANIA R Tanzania reported 17/10 that V of Tanzania, Zanzibar, expected to start external bcng after completion of a SW xmr next yr. Zanz Dir of Info & BC said that a 50 kW xmr was being built on the outskirts of Zanzibar town w/a loan from the People's Republic of China. The first bcs'd be in EG & AR. Aim of starting ES from Zanz was 'to publicise Tanzania's foreign policies and to explain the development activities being carried out by the citizens of the isles in their efforts to liberate themselves politically and economically'. In its 20-yr development plan, VOT-Z expected to increase its output from 11 to 18 h a day (WBI 20/10)

TUNISIA Kuwaiti nx agcy KUNA quoted the 9/10 Tunisian nxpaper 'al-Anwat' as saying the PLO was preparing to set up a central bcng stn in Tunisia. It'd bc in AR, EG & HB and'd cover entire Arab region. Aim was to secure continuous and direct contact between the PLO and the Palestinians in Arab countries and the citizens of the "occupied Arab territories" (WBI 13/10)

TURKEY Ankara, TK svc to Turx abroad hrd 0644 on 15435 // 15220 (Max Greaves, Vic., Oct ADXN) For D83, registrations are: 5990 1600-2200, 6040 0400-0900 & 1600-1700 & 1800-1900, 6130 0300-0400 & 1700-1800 & 2200-2300, 7130 0300-0900, 7155 1900-2200, 7215 1600-0300, 9560 0400-0900 & 1400-1500 & 2200-0400, 9660 0400-0900 & 1600-2200, 9670 0900-1600, 9730 2200-0400, 11820 1000-1230, 11955 0900-1600, 15125 1230-1400, 15220 0900-1600, 17885 0900-1600. In the past, stn has generally conformed to tentative HF allocations, with minor variations, so it's possible that some of those channels will be used from Nov. Some have never been operated before by this stn! (Oct ADXN) You can pick out the likely fqs for EG at 2200 & 0300 (gh)

U S S R On 14/9, R Moscow ancd that from 1/10, when USSR put clox back an hour, dai-ly EG to GB & Ireland'd be at 2000-2100 in 19, 31, 41, 49m (WBI 22/9) I still fail to understand why domestic time changes should affect timing of bcs to abroad where local time does not change on same date. Typical Soviet self-centredness, I guess (gh) It is that that RM and RSP&P, Kiev etc'll intro winter fq sked from 2100 31/10. RMWS features for listeners in Asia, which replaced separate RM EG bcs to Asia on 27/5, are now hrd 1532-1555 apx, repeated 2230-2253, 0132-0155 (WBI 13/10) R Stn Pacific Ocean has EG segments, Sats 0750-0755 during EG lessons on 15470 (URSC/ADXN) Domestic svc 3rd harmonic of 9490 hrd on 28470, F, c. 1600 7/9 (Goonetilleke, UADX)

U K O G B A N I BBCWS to NAm/CAM/Carib/NWSAm D83: 5965-S 1100-1330. 5975 2115-0630. 6005-A 2345-0330. 6010-S 2300-0430. 6175-W 2000-0730. 6195-W 0900-0915 & 1100-1330. 7325 2200-0330. 9510-W 0430-0915. 9515-K 0030-0330, 9515-S 1600(Sat/Sun 1530)-1745. 9590-S 2300-2430. 9740-F 1500-1745. 9915 2200-0230. 11750-A 2300-0330, 11750 2000-2300. 11775-W 1100-1330. 15070 1100-1745. 15215 1100-1330. 15260-S 1600(Sat/Sun 1500)-1745, 15260-A 2000-2330. A=Ascension, F=Singapore, K=Greenville, S=Sackville, W=Antigua. Note especially new lower fqs from Sack, 5965 & 6010 replacing 9510 & 6120 (gh, from Dec London Calling)

U S A WRNO final D83 sked: 1800-2000 17775, 2000-2200 15420, 2200-2400 11965, 0000-0200 7355, 0200-0400 6045, 0400-0600 6185. Sun also 0600-1300 6185, 1300-1500 9715, 1500-1800 11940. FCC also authorizes 15420 between 1800 & 2200 for [Sunday] football games beginning at 1800, and 11965 2000-2400 for games starting at 2000. 15140 also authorized 1800-2000 for football. Regular sked can also be used for games. OOB 7355 is a first for WRNO; if it does not work well, 9705 may be used instead. In a sense, 7355 is becoming a 'non-govt' hf bc fq! KGEI will use it 0230-0400, WYFR 0400-0800 (George Jacobs, MD)

WRNO has decided to keep programs at same Central time, instead of previous practice of same GMT, so the first two airings of World of Radio will now be one hour later by GMT: Sat 0530 on 6185, Sun 0330 on 6045. In order to avoid Sunday evening conflicts, and hopefully to assure a stronger signal in NAm on 25m, the third broadcast has been moved to Sun 1500, on 11940. Let us know how this works (gh)

As of GMT 1/11, "The World" from Radio Earth is also on WRNO! instead of Clarin; at the new time of 0400-0500, on 6185. Will be on 7 days a week instead of 6, but Sat & Sun times may be late afternoon instead to serve Europe better. R Earth continues to originate in Miami; Rudy Espinal will send Jeff White tapes instead of vice versa, but nightly Caribbean news will not be possible. Coincidentally, co-host Matt Bell has left R Earth and gone to work for WRNO, so no longer will be directly involved w/R Earth. David Monson can be hrd regularly on Tuesday nights, and sometimes on other nights. Richard Ginbey produces 'Focal Point' on Wednesdays. 'Worldwide Cook Book' is on Tuesdays too. Mondays, 'A Closer Look' documentary program. Comms magazine 'Dialogue' continues Sats (GMT Suns), including contributions from Dick Speakman, who is no longer heard on R Australia. A new worldwide telephone talk show, probably live, is also planned in the near future (Jeff White, RE)

VOA SP 0000-0300* hrd on several addl fqs since 1/10: 9505 9670 11895 11950 15375 15390 15400 17780; are any of these from Brasilia? What is the power and location of the 7400 xmtr? (Ernie Behr, Ont) VOA won't tell me; some likely reactivated Dixon. (gh) USA site, 11580, VOA in Russian, jammed 2155 16/9; no satellite delay as with Woofferton 11710. Full carrier DSB, could be new regular outlet, not PTP feed (Bob Padula, ADKN) //15480 also 2100-2200 w/out delay, both probably Greenville. The fq band 11400-11600 is now becoming quite active, even the offl range as proposed by WARC extended only [down] to 11650. Gradual extension of being into fixed range (Bob Padula, ADKN)

WYFR OOB sked for D83: 7855 0500-0800 GM & EG Eu & Naf; 2000-2300 EG. 9860 2200-2300 EG Eu/NAF, 9815 0600-0800 EG Eu/NAF, 15525 1300-1600 EG India, 7315 1100-1600 Chinese China, also 2100-2300 (RA JP DX 15/10) Last two via Taiwan, of course (gh) During D83, WYFR is offering spl 10th anniv QSL, limited edn. Also has colorful sticker, free. Now uses five 100 kW, two 50s. By end of '84, three more 100 kW should be in use. Ants now are ten double-rhomboid, six log-periodic; by end of '84 six more LPs are planned, all in Florida (WYFR via ADKN)

High Adventure Ministries has been granted a SWBC CP for Chatsworth Peak CA--same organization operating unlicensed V of Hope in southern Lebanon (Sept GGC Communicator via Paul S Lotsof, Benson AZ, SWNS)

R Havana reported 14/9 that the US Senate had unanimously approved the Reagan admn plan to establish an anti-Cuban stn (R Marti) "aimed at being subversive and diversionary propaganda against our people". Per bill, new stn'd become part of VOA and'd dedicate 14h a day to being nx and commentaries 'which'll feature the usual lies against Cuba' (WBI 22/9) R Havana reported 30/9 that House of Reps'd now approved setting up the 'so-called R Marti'. Total of 14 megabucks'd been budgeted for it during fiscal '84, which'd begin 1/10, and another 11 mega for 1985 fiscal (WBI 6/10) CANA nx agcy, 6/10, quoted member of Politburo of Cuban Communist Party as describing the USG decision to set up R Marti as 'an aggression' and a clear 'violation of our country's sovereignty'. Cuba could not possibly accept such a move and'd 'respond in every way possible'. Above all, Cubans'd respond w/'decision, energy, militancy and unity'. The new law represented not only a war of radio waves but 'the confrontation of ideas and convictions which our people face w/out hesitation'. Per US officials, the bcs were designed 'to tell Cubans the truth about Cuba'. Pgm'd function from VOA facilities and special US Navy xmtrs set up in Southern Florida (WBI 13/10) Emphasis added. I understand startup is not likely before 1/1; why take so long?(gh)

We have a new stn to look for in Nov: KFE-643 due to start rebroadcasting WATD (FM) for giving cues to ancrs at remote sites. In reality, stn will be on whenever the FM stn is. 1622 kHz, 100 W from Raytheon RA-250 xmtr. Ant is shunt fed 200 ft tower w/good ground system. All this direct from owner and v/s Ed Perry, P O Box AA, Duxbury MA 02331. He is quite familiar w/DXing and says he may have cards printed! I'll try to arrange a test on this once it gets going. I get impression this is going to become the AM affiliate for WATD. That's one way to get a jump on the competition on the band expansion (Craig Healy, Top End)

A harmonic on 3160 hrd 19/10 w/NA for s/off. Country mx also, gone by 2315. Believe this is WSKT Knoxville since they mentd Copperhill TN in nx (David Swaringen, NC)

UPPER VOLTA in nightly at good strength 0545-0625; average of 42+343 0530-0630 f/out on 4815 (Maxfield Greenwood, Sedgwick ME)

VENEZUELA A stn I haven't hrd in an age, putting out a big signal on 6010, R Los Andes, *1000 to *1010 s/ons, ID as "R Mil Cuarenta", nice stn to enjoy. Suggest Dave Vaiko's unID on 3829 is another of Táchira's spurs (4830) as I have had it on 4830+ ½ kHz and ID via // check (Maxfield Greenwood, Sedgwick ME)

VIETNAM V of V on 15010, F 2035-2100 when FR began 1/10; Viet mx & pgm "A Review of Major Developments in Vietnam and the World this Week" (Richard A D'Angelo, PA) Recent survey shows Viet natl & regional DS stns currently on these SW fqs: VOV 10060 7420 6450. Hanoi City svc 7998 6850. Bac Thai 6620. Cao Bang 6520. Gia Lai-Cong Tum 4700. Ha Tuyen 4820. Hoang Lien Son 6625 5602. Lai Chau 6570. Lang Son 6510. Son La 6323 4770. Quang Ninh 4703 (WBI 29/9)

CLANDESTINE CRANNY

R Free Surinam 22/9, RN Media Network had interview w/member of the Council for the Liberation of Surinam who confirmed that SWBCs beamed to Surinam had just started from a xmtr somewhere in the Carib. Said RFS bc daily on 6850 0100-0115 apx. Time'd be expanded gradually and possibly at a later stage the stn'd xmit all day. Objective "to break thru censored nx svc in Surinam". Wished 'to communicate w/our people there, to motivate them and stimulate them to resist the barbaric regime in Surinam, and to let them know that we are working on the liberation." Weekdays, RFS in DT & Sranan Tongo only while Sat & Sun incl Javanese & Hindi nx for about 10 min. Said pgms being recorded in studios in a suburb of The Hague. Xmtr at secret location had 15-20 kW of power, but working on a better xmtr w/50 kW (WBI 29/9) RFS hrd 15/10 on 6850 *0105-0135, consisting of two 15-min bcs in DT, Sranan Tongo (locally referred to as "taki--esa-taki") and an Indonesian dialect (WBI 20/10)

La Voz del CID I noticed in several club bulletins, even ACE, that the CID stn on 7465, R José Antonio Echevarría, had not been on the air at listed time, and not reported, so I decided to try a hunch and instead of listening at listed 8-8:30 pm EST --0100-0130 GMT), tried 8-8:30 EDT (0000-0030 GMT). And yes -- they were there! hrd 27/9 0015-0030 w/Comentario & Noticias, signal weak, RTTY QRM, closing by saying the pgm was on at 8-8:30 EST and Cuban NA. So this is very possibly a personnel error in reading the local clock which is on daylight time, and possibly narrows the field. Nearby countries using DT are Bahamas, Bermuda, Canadá, Cuba itself, Jamaica, parts of México, Turks & Caicos, the good ol' USA, and a few SAM countries. I think USA, but take your pick (Nolan Stephany, Williamson NY)

V of Free Nicaragua, hostile to Nic govt, hrd again 6/10 on 5750; *0000 7/10 contained items previously carried by the V of Sandino; xmsns at 0400 & 1100 not hrd (WBI)

R Venceremos, supporting FMLN hostile to Salvadoran /sic/ govt; first hrd Jan 80, claims to be located in Morazán Dept, El Salvador; ancs addr as P O Box 71-907, Mexico City, México /I thought it was 7-907 -gh/. Sked in SP: daily 0230-0300 6800 6750 97 MHz. Sunday 1400-1430 & 2000-2030 6800 6750. Tue-Sat 0000-0030 6800 6750. Mon-Sat 1215-1245 6800 6750; 1830-1900 6800 9750 /sic/ (WBI 22/9) Strangely, BSCMS fails to note that frequencies vary widely (gh)

Spark Radio /China. A V of Vietnam nx bulletin from Hanoi 13/10 said a cland stn called this was being daily pgms in Chinese at 1100 on 31m band; when hrd 10/10, it'd bc material hostile to the "Deng Xiaoping clique" (WBI 20/10)

Kawthulay R This stn controled by Karen National Union, ancd it'd be conducting test bcs (presumably on 9775) 0030-0200 22/10 & 23/10 (WBI 20/10)

V of the People of Malaya, 7060v, *2330, might propagate to Eu (Finn Krone, AWR DX 2/10 via DSWCI) And, indeed, to Nam (gh)

V of the United Mujahidin of Afghanistan, 15460, hrd *0100-0155* w/local lang & flute mx; G 6/9; via Egypt xmtr (Ernie Behr, Kenora Ont)

R Iran 1/10 ancd that R Iran, V of the Natl Resistance Movement of Iran (NRM) was bc'ing pgms "to millions of listeners at home & abroad so that the name of Iran and love for Iran remained in the heart of Iranians". The free radios of the NRM and were: 1) R Iran, "Radio of those in love with Iran", 1330-1430 & 0400-0500 on 25, 31, 41, 91.8m bands (Ed. Note: 11765, 9570, 7180, 3367) for Iranians at home, in the ME/NAF/Eu (note: via R Baghdad). 2) Seda-ye Iran (Voice of Iran), 1900-2000 on 25m (11640) for Irsnians at home, SEu, NAF/ME. 3) on MW in San Francisco for Irsnians in the US every night "in the period 1900-2000". 4) On MW in Washington "1100-1200" for thousands of Irsnians in the US about Iran and the struggle of the Iranian nation. 5) Seda-ye Nehzat "Radio of the Youth Organisation of the NRM", "1100-2000 period" on FM in Los Angeles, w/political and cultural pgms. 6) The "Telephone Radio" of the

NRM1 in London informs Iranians of the most important news and events of the homeland. Use of 11765 by R Iran was anced as being experimental from 1/10. Monitoring 4/10 revealed that R Iran's 11 & 9 MHz channels had drifted to 11775 & 9595. Free V of Iran stn followed on the same channels at 1500 (WBI 6/10) No doubt the US "stns" are pgms on licensed AM & FM stns--anyone tell us which ones? (gh) The Iraqi xmtrs are somewhat unstable; R Iran hrd 9/10 0400-0500 on 11765 9600 7170 3367; same for FVOI at 0300-0400 (WBI 13/10) R Iran sked 0400-0500 & 1330-1430 in Persian on 11765 9570 7180 3368. Stn first hrd 20/6/80 supporting Shahpur Bakhtiar, anced on 1/10 it was Voice of NRM1. Addr anced: R Iran, C/o C.E., 17 Boulevard Raspail, 75007 Paris, France (WBI 13/10)

Free Voice of Iran /see also above/ (Persian: Seday-e Azad-e Iran), hostile to Khomeini and his followers, fq subject to constant variation, sked 0300-0400 Persian; 1500-1550 Persian and irregularly in Azeri, both on 11765 9585 7180 3367. First hrd 29/5/80; via R Baghdad, Iraq (WBI 20/10)

V of Iran /see also previous page/ 11640 in Farsi *1932-2000*v, 15/10; weaker than R Salvation of Iran, but also varies 1 kHz; 8/9 was on 11639; possibly same xmtr as RSI, tho others think from Iraq; s/on always around 1930, not 1900 as on SWLD 14/10 (Behr)

R Salvation of Iran, 11660, Farsi *1830-1925*v, G sig 15/10; was on 11659 to 1922* 12/10; via Egypt. See also V of Iran above (Ernie Behr, Kenora Ont)

V of the Iranian Communist Party Quoting its correspondent in Azerbaijan (in Iran), Free Voice of Iran said a cland by this name had begun expl bca 14/10. Xmtr "probably outside the borders of Iran". FVOI correspondent said stn'd said Iranian CP was the successor of the defunct Iranian Tudeh party (Ed note: the latter controlled a stn called "R Iran Courier" from Bulgarian xmtrs, 1957 until Nov/76) (WBI 20/10)

V of the Iranian Kurdistan, now hrd 1345-1500 in Kurdish & Persian between 6600-6620 kHz deliberately shifting often to avoid jamming (S Weerakoon, Sri Lanka, AWR DX 2/10 via DSWC1)

V of the Iraqi Revolution, supporting Kurdish autonomy, hostile to Iran govt, hrd on 7006 at 1445 2/10; ancd there'd be changes as from 10/10--eves devoted to Kurdish 1406-1600; second xmsn in AR, mornings daily 0400-0430 (WBI 6/10) (Arabic: Sawt ath-Thawrah al-'Iraqiyah), anti-Saddam Husayn, fq varies 6900-7100, 0400-0430 AR, 1400-1600 in Surani or Bahdinani Kurdish. First hrd 6/11/80 and has been hrd to call itself in Kurdish the "V of the Iraqi Kurds" (WBI 13/10)

V of the Turkish Communist Party, 9584.3, hrd *1355-1452*v w/IS & TK pgm, vy strong 13/10; varies to 1446*; Bizim Radyo is here from *1455 w/weaker sig; from Romanian xmtr (Ernie Behr, Kenora Ont)

VOFVOPR see TUNISIA /see also LEBANON

V of Truth/Lebanon. 17/9, Jord npxpaper 'Al-Dustur' quoted a Kuwaiti nx agcy KUNA report from Beirut that the Progressive Socialist Party's radio stn'd been hrd xmiting on a fq between those of R Monte Carlo and the V of Arab Lebanon (Ed note: between 1235 and 930 kHz). During an experimental xmsn, the radio'd bc natl & patriotic songs plus quotes from speeches made by the late PSP leader Jamal Junblatt, who was assassinated during the Leb civil war (in 1982). Apx 0930 20/9, unID AR songs stn hrd on 1080 kHz. 0955* w/anmt that'd return at 1300. Hrd again then; Leb NA played, but no stn name givn; opening anmt said xmsns expl and that aftn bc'd last til 1900. Material bc by this stn suggests it supports Leb PSP. Refs to the 'Aleyh area and the radio is hostile to the Leb Pres al-Jumayyil (WBI 22/9) Obs of this stn, which supports the PSP of Leb and the Druz, show operated 21/9 on 1080 0600-1000, 1300-1900 apx. Xmsns still ancd as expl and has still not identified self by name (WBI 29/9) Paris-based AR-lang mag 'Al-Watan al-'Arabi' reported 30/9 that PSP'd obtained new radio eqp which 'd begin xmiting during the next month. Stn'd be turned into commercial one after 'national reconciliation' (WBI 6/10) Recent monitoring shows morn bc now 0700-1100. The xmsns, on 1080 kHz, still ancd as expl and so far no ID hrd. Bit 5/10 ancd "openings for male and female beers and editors on the stn's news session, and for beers and contributors for otherpgms". Anyone interested was invited to contact the stn's office at the Hammans Post Office or at the Higher Al-Matn Secondary School in Felugha. The Phalangist "V of Lebanon" reported 11/10 that the supporters of Junblatt, assisted by the Syrians, were putting the final tech touches to their stn, which they'd called the "V of Truth". Stn'd been installed in the new telephone exchange and PO bldg in Hammans. Editorial offices in the Upper Al-Matn school in Al-Khalawat (WBI 13/10)

R Bardai, hostile to govt of Chad in Ndjamena, obs on 6001 instead of 6009, 8/10 & 9/10; cf previously published sked (WBI 13/10)

V of Namibia pgm of SWAPO ancs it's via ES of R Zambia for C&SAF at 1130-1230 Sun on 11880 (unconfirmed), and 1830-1930 on 9505 (WBI 22/9)

V of Mozambique Natl Resistance continues hrd 0400-0500 & 1700-1800 daily on 4764; 8/9 invited listeners to write to: Apartado 169, 2752 Cascais, Portugal (WBI 22/9)

R Truth Both the 0400-0430 & 1700-1730 bcs from this stn, hostile to Zimbabwe govt, continue on 5015, generally in EG, occl items in Shona & Ndebele during 1700 xmsn (WBI 22/9)

Radio Free Europe Czech svc noted on new 11595 // 11855 etc, 30/9 2120; well hrd, in AM, not SSB/LSB. May be new OOB channel for regular bcs, unlisted in official RFE sked (Bob Padula, ADXN)

NORTH AMERICAN PIRATES "KFAT", 1560 kHz, 2/10 0855-0900 lots of C&W, bluegrass, ID w/sound "...fat, fat, K-Fat!" into phony ads, one for "stamp out advertising" and comedy bit on "Concert Survival Kit". Into C&W agsin. No location given, P-F, noisy (Jim Hilliker, Anaheim CA, IRCA DX Monitor)

R Paradise Intl strong on 6225 w/rock mx, IDs 0430-0457* 25/9 (Ernie Behr, Ont)

V of Democracy was apparently my unID on 6228 at 0430 Sat 30/7 in Oct LN-24, per info in Sept LN-29 (Ernie Behr, Kenora Ont)

V of Tomorrow, 6240, 0110-0143 10/10. IS as previously reported. Mailbag pgm, not quite as disgusting as when last hrd. Stronger sig than before w/strong het. from 6238 apx unmod carrier. Off or quick fade in mid-mx (A bust, I hope!) Say 2 kW on 15040, 7410, 6420, /sic/, or 1616. Checked 1616 later and found KPRC--much better listening (Jon Katz, Earlsville VA)

"KPRC" 1616 kHz, 0330-0600 10/10, ancd // s 6280, 91.5 stereo, 6280 hrd w/hvy ute QRM and 1616 much better. Mx, phone calls, discussion of Reagan's radio war w/Cuba, said would air tapes sent in--would be too bad of V of Tomorrow QRMs this fq (Katz, VA) KPRC hrd 10/10 0443-0630 when I went to bed, on 1616.7 kHz and 6280. Gave also FM stereo 91.5 MHz that I could not get. Gave addr of PRC, Box 747, Exeter NH 03833 for QSL. Taking phonecalls on air, talks of Reagan & radio wars w/Cuba. Some calls from as far away as Chicago, others talking about pirate WDX on 1620 that will be testing around 25/11 (Thomas J Yingling, Baltimore MD) Pirate Radio Central, KPRC verified 10/9 reception in 21 days, v/s Pirate Pete. Fqs 1616 & 6210. Hrd 0439-0512 when stn just disappeared. Per QSL "we left for technical /reasons/ but returned in 5 min". I had enclosed a SASE but for some reason (lost at stn?) it was not used (Richard A D'Angelo)

UNIDENTIFIED 17713 at 1810 7/10, vyweak except bursts; class. mx, never once hrd spoken word (Chuck Oliver, Spring TX)

15145 oddity--at 0205 I tuned across a carrier and stopped. Suddenly the audio came on w/R&R mx, lasted about 5 secs, and carrier pulled. Not WINB or USSR; who? Ankara? (Chuck Oliver, Spring TX) Maybe R Clandestine tuning up (gh)

12620 at 2055 23/9, unfamiliar type mx, featuring drum. Loud roar like off-air re-broadcast. Cut mx at 2059 w/out anmt; S7 carrier still on at 2120, gone 2135 (Oliver) Maybe the Libyan clandestine (gh)

7605 at 0100 11/10, lady repeated "Victor, Denmark, Presto(?) Two." Left air at 0101; AM mode (Chuck Oliver, Spring TX) Number stn?

6813 at 0035 11/10, mentioned Martin a couple of times. Also Nic martial mx, rev rant. Abrupt 0038* during mx (Chuck Oliver, Spring TX)

6724 That was R Satellite, but turned out to be Salvadoran, left air 0025, but Satl not there. 0028 QSY to 6720, but had xmtr trouble; off after about 30 secs; back at 0031. Crazy. 0040, he's back on 6724. The crazies on 6724 are now jumping from 6724 to 6722 to 6720. Can't keep up with them. I now find separate stns on 6728 & 6722, so I don't know who the /expletive deleted for the easily offended/ I've been listening to!; jammer? (Chuck Oliver, Spring TX)

6272 Spanish at 0250 23/9, mx, w/M ancr, vy weak, covered w/QRM, CW, 0320 gone (Oliver)

3946 bizarre reception 28/9 at 0930 s/on. Was listening to Vanuatu on 3945 (it was poor), and up jumps this obvious Andean on 3946. Fairly strong, but overmod and seem-

ed, in view of its not appearing again, to have been a transient event. But question is, from where, what station. Let's see, does 3946 have a MW harmonic /fundamental/, 1/4 is 986.5, nope; 1/3 is 1315.333--nope; nope to 2; one fifth is 789.2, nope. 1/6 is 657.6, nope; 1/7 is 563.7; nope; that's that--unless it was off its MW fq. I've not ever had an Andean spur, so curious (Maxfield Greenwood, PA)

3120 Those drive-ins on 90m are harmonics of BCB, as many DIs are being very low power onto the AM band, thus avoiding need for the "squeak boxes" hung on windows. I have in summers a fairly strong one, regularly on 3120 (2 x 1560)--if I knew where Bill's Body Shop, Main Street is, I know where it is. I have 20 very different & divergent and tentative QTH ideas. Lisbon, Maine, or Vineland NJ--would welcome info from anyone knowing of such a body shop near either of those aforementioned locales. Thank you, Maxfield by the Sea (Greenwood, ME)

2482, frustration! G sig of pleasant Muzak continues from 0920 tune in to 0940 as I write 27/9. Could it be a pirate, Radio Dentist Office, hi? SINPO 3+32+43 on average, but moments of 453-44-; have to tune out at 0947 (Maxfield Greenwood, Sedgwick ME)

LAST-MINUTE INFO

AUSTRALIA R Australia D83 sked says "Listeners in Af, Eu and NAM for whom there are no dedicated services may be able to receive RA per this sked:" Af 15285 0500-0630. Eu 6035 1430-2200, 7215 1800-2130, 9580 1800-2030, 9770 1400-1730. NAM 9580 1200-1600. 15160 2100-0100 & 0200-0800, 15320 2130-0100 & 0200-0400 & 0500-0730, 17795 0200-0400 & 0500-0730 (via George J Poppin, San Francisco CA) All this concerns EG

AUSTRIA ORF D83 EG to NAM only change is 1230-1300 on 17770. Also try EG to SAM 2130-2200 on 11665 (gh)

BOLIVIA R Los Andes, 4775, freakish log 2330-0100+ 17/10 only, even w/YV sig at t/in, quickly downhill. Insecticide & other ads, W anc, ID & pop mx pgms, Coke ads, Xmas promos (Tarija supposedly another Bol town riding on a wave of relative prosperity like Pando, Riberalta, Santa Cruz. Bol sure has a lot of these for a dirt-poor country. (Richard Stoller, Bogotá DE, Colombia) R Reyes, Reyes, Beni on 4420 has two 813 tubes of 1.5 kv plate voltage, 350 watts to the antenna, two 811s modulating, 50-ohm antenna pole (Jose Antonio Gómez Guzmán, Dir., R Reyes, 1/7 via Dario Monferini, PDX, Italy)

COLOMBIA LV del Centro, Espinal, back on 6095, weekends & occl weekdays during the day. Maybe full 10-0400-style sked, but not audible. Certainly seems at least listed 5 kW. Old HJ romántica pgm 16/10 1640 "Qué linda es nuestra música colombiana! ¡Escuchémosla!" (Richard Stoller, ibid.) & so check for its harmonics up to 5th! (gh) New stn on 6350, LV de Samaniego, Dpto Nariño (50 km NNW Pasto), highly variable *2300-0200* since 14/9; not hrd since 7/10, nor has 5750, so perhaps victims of well-publicized govt crackdown on stns abusing license provisions, or lacking licenses altogether as seems the case w/these two. Govt promises 100+ closures, and a moratorium on new urban stns. Plus some new cross-ownership restrictions like in US. Mostly HJ pop like 5750, same low level of tech prowess; weaker & fadier than other stn, tho (Stoller, Bogotá, 20/10)

COSTA RICA R Impacto QSL letter came after 15 weeks for EG report from an anc, Herbeth Vésquez Viquez, Río Segundo Centro, Alajuela (Matthew Francis, Tas, RA JP DX)

CYPRUS Besides presumably MW expansion plans, R Bayrak plans to be on SW 'to friendly Arab countries' over a powerful xmtr (WBI 20/10)

CHILE R Agricultura hrd 15/10 1045-1105, G, bank ads, TCs, 9630 (David Swearingen NC)

ECUADOR Rarely rptd R Amazonas, Lago Agrio, is still active on 3290, hrd 1010-1040+ 20/10, albeit first time; natl nx, ads over march mx, "la fq intl", but just barely

GRENADA Some ham fqs active during US invasion: 21375, 21309, 21300, 14332, 14303 (Stoller) 14251, 14140. Two US hams were KA20RK/J3, Mark Barattella, med student; and J37AH, Don Atkinson, retiree from New England (gh, David Alpert, Robb Browne, Rolf Gunnar)

NORWAY RNI sked says testing SSB from Kvitsoey xmtr, switching w/DSB during xmsn; reports to Kvitsoey kringkaster, 4090 Kvitsoey (WBI 20/10)

PERU R Luz, 3699.8v, 19/10 0030-0237*, missed QTH, but ID & 3700 kHz, 70m, sad-sounding Peruvian vocals, off w/NA-P-F, weakening. New R Guayabamba hrd consistently more or less, 6270v since 18/9, QTH not caught, all pop mx, vy little variety, no ads 2300-0230, mix CW. R Huanta on new 4745 ex-4755 2000, good move, since 16/10, much clearer sig, leaves 4755 open for Bol; 2300-0300+; unID Peruvian 5225 (last month it was 5325), 0003-0200+ 19/10, indistinguishable mx & Peruvian mx, M w/mostly birthday annts, ID seemed 3 syllables ending in 11á, e.g. at 0100; lousy sig, drone ute (Richard Stoller, Bogotá DE, Colombia, 20/10)

QSL REPORTS



Sam Barto
NASWA QSL Editor
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Several interesting QSLs to report
this month from our all African column.
Hope you enjoy it!

ALASKA: KNLS 11820 f/d ltr. in 10 ds. for ms. v/s Francis M. Perry, Director of Engineering * (Gavaras-MN). f/d ltr. in 12 ds. (Rigas-IL). f/d ltr. in 13 ds. for ms. (Stephany-NY). in 13 ds. for ms. (Sgrulletta-NY). 6170 f/d ltr. in 12 ds. for a taped rpt. (Loh-AZ). 17880 ltr. in 2 wks. (Berg-MA). 9620 and 6170 f/d form ltr. in 10 ds. for ms. (Gliksman-IL).

ALBANIA: Radio Tirana 7065 f/d "Revolutionary Spirit" cd. in 91 ds. (Konen-WI).

ANTARCTICA: LRA36 Radio Nacional 15474 p/d ltr. in 157 ds. for an EG rpt. ms. (Carleton-ONT)

ANTIGUA: Deutsche Welle 9545 f/d "30th Anniversary" cd. in 23 ds. for 2 IRCs. (Sgrulletta-NY). same in 18 ds. (Link-CA). 6040 same in 96 ds. for 1 IRC. (Pate-MD). in 27 ds. (Cones-VA). in 50 ds. for 2 IRCs. (Cobb-ME). 100th C/V!!! cd. in 53 ds. (Sobkoviak-IL). f/d cd. in 1 mo. (Plum-NJ). same in 1 mo. for 1 IRC. (Kapinos-MA). in 52 ds. (Dillaman-OH). 17810, 9735 17745, 15205 and 11810 f/d cds. in 31 ds. (Barto-CT). BBC 6175 n/d cd. in 40 ds. (Caravan).

ARGENTINA: RAE 11710 f/d cd., sticker w/ pennant in 27 ds. for 2 IRCs. (Caravan-PA). same in 46 ds. for an EG rpt. (Cones-VA). Radio El Mundo 6120 f/d "Microphone" cd. in 21 ds. for a SP rpt. and 1 IRC. (Stephany-NY). Radio Splendid 9740 and 11880 f/d ltr. in 2 ds. v/s Ing. Donato Contento, Gerencia Tecnica. (Barrera-ARG). LOC20 17550 cd. in 26 ds. for a SP rpt. (Barto-CT).

ARMENIAN SSR: Radio Yerevan 4810 and 4990 plain white f/d cd. w/ colorful pennant in 53 ds. (Barto-CT). 17900 f/d cd. in 5 wks. (Plum-NJ). same in 3 mo. (Swaringen-NC). 17870 f/d "Logo" folder cd. in 2 mo. (Leithner-TN). (Cones-VA).

ASCENSION ISLAND: VOA 17830 f/d "San Diego" cd. in 15 ds.

ASIATIC RUSSIA: Radio Moscow 15425 via Petropavlovsk-Kamchatka f/d "Rowing Canal in Krylatskoye" cd. in 34 ds. (Brou-

AUSTRALIA: Radio Australia 17795 f/d "Kooka-llette-MO). burras" cd. in 27 ds. (Talbot-ALB). 9580 same cd. in 19 ds. (Zurik-MN). 15240 f/d "Black Swans" cd. in 35 ds. for 2 IRCs. (Caravan-PA). VLW15 15425 f/d "ABC Map" cd. in 29 ds. (Talbot-ALB). VLO9 9660 same in 19 ds. (D'Angelo-PA). f/d cd. in 60 ds. for 2 IRCs. (Dillaman-OH). VLW6 6140 same cd. in 22 ds. for 1 IRC. Sticker revd. (Talbot-ALB).

AUSTRIA: ORF 11665 f/d "Art" cd. in 56 ds. (Scharer-MI). 5945 same cd. in 46 ds. w/ stickers. (Muzyka-NY). f/d "Rest and Recreation" cd. in 63 ds. w/ sticker. (Blanchette-FL).

BELGIUM: BRT 9880 f/d "Cathedral Interior" cd. in 28 ds. (Kapinos-MA).

BENIN: ORTB 4870 via Cotonou f/d cd. in 65 ds. for an EG rpt. and 1 IRC. (Swaringen-NC).

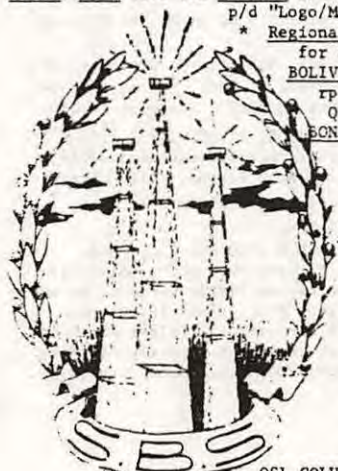
p/d "Logo/Map" cd. in 165 ds. for a FR rpt. (Barrera-ARG). Station * Régionale de Parakou 5025 p/d "Royal Storytellers" cd. in 36 ds. for a FR rpt. (Barto-CT).

BOLIVIA: Radio Abaroa 4719 f/d pink cd. in 5 mo. after a f/up rpt. in SP v/s Rene Arias P., Director and Rolman Medina, QSL Manager. (Berg-MA).

BONAIRE: Trans World Radio 9535 f/d cd. in 20 ds. for 1 IRC. (Scharer-MI). f/d "Antenna" cd. w/ sticker in 20 ds. for 1 IRC. v/s Mrs. Schroder. (Bruckner-NJ). 11815 same cd. in 18 ds. for 2 IRCs. v/s Barbara Roswell. (Dillon-PA). Radio Nederlands 9715 f/d "Drawbridge" cd. in 21 ds.

BRASIL: Radio Nacional do Brasil 15290 (Talbot-ALB). f/d "Rio" cd. in 36 ds. for 2 IRCs. (Caravan-PA). f/d "Bridge" cd. in 18 ds. for an EG rpt. v/s Denise PM Uchoa. (Dillon-PA). f/d "Florianopolis-Pontes" cd. w/ sticker in 27 ds. (Forsgren-WI). VOA 15205 via Brasilia f/d "San Diego" cd. in 9 ds. (Dillaman-OH). 15205 and 17885 f/d cd. in 3 wks. (Palmerheim-MN). Radio Brasil Central 4985 and 11815 p/d ltr. in EG in 41 ds. for a PT rpt. v/s Jose Pedro Rego, Director. (Barto-CT). Radio Rio Mar 9695 p/d cd. in 43 ds. for a PT rpt. (Barto-CT). Radio Ribeirao Preto 3205 p/d ltr. in 53 ds. for a PT rpt. v/s Paulo T.G. Pizani. (Barto-CT).

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



BRASIL: Radio Nacional do Rio de Janeiro 9705 p/d ltr. in 44 ds. for a PT rpt. (Barto-CT). Radio Clube de Dourados 3375 p/d ltr. w/ cd. in 45 ds. for a PT rpt. Nice large green pennant rcvd. (Barto-CT). Radio Educadora de Braganca 4825 f/d folder cd. in 39 ds. for a PT rpt. v/s Bazare Lascoal. (Barto-CT).

BULGARIA: Radio Sofia 15110 f/d cd. w/ ltr. in 54 ds. (Brouillette).

CAMEROON: Radio Bertoua 4750 f/d form ltr. for a FR rpt. and 2 IRCs. v/s James Achanyi-Pontem. (Gliksman-IL). Radio Cameroen 9745 via Yaounde f/d "Map/Logo" cd. in 4 mo. for a FR rpt. and 1 IRC. (Leithner-TN).

CANADA: Radio Canada International 9755 f/d "Teleglobe" cd. in 18 wks. (Wilkins-CO). same in 77ds. (Talbot-ALB). in 108 ds. (George-NC). 6280 (!) f/d "World Communications Year" cd. in 95 ds. (Carleton-ONT). 5960 f/d cd. in 66 ds. (Forsgren-WI). CHU 7335 p/d cd. in 30 ds. for 2 IRCs. (Cobb-ME). 3330 cd. in 32 ds. (Edmonston-NY). 14670 p/d "Fleming" cd. in 3 wk for ms. (Sgrulletta-NY). CFVP 6030 f/d cd. w/ sticker in 20 ds. for 2 IRCs. (Cobb-ME). f/d cd. in 2 wks. for ms. (Leithner-TN). CFEX 6070 f/d "Airplane" cd. in 13 ds. v/s Clive Eastwood. (Dillon-PA). f/d cd. w/ sticker in 15 ds. for 2 IRCs. (Cobb-ME).

CHNX 6130 f/d cd. w/ stickers in 18 ds. for 2 IRCs. (Cobb-ME). CKZU 6160 f/d cd. w/ stickers in 25 ds. for 2 IRCs. (Cobb-ME). CKFX 6080 f/d "Logo" cd. in 32 ds. for ms. v/s T. Rattenbury. (Talbot-ALB). CFCX 6005 f/d cd. in 15 ds. for 2 IRCs. (Cobb-ME).

CANARY ISLANDS: REE 15365 via Tenerife f/d "Pescadores" cd. in 1 mo. (Palmerheim-MN). cd. in 50 ds. (Dillaman-OH).

CHILE: Radio Agricultura 9630 f/d ltr. in 26 ds. for a SP rpt. v/s Carlos Toledo Verdugo. (Barrera-ARG). f/d ltr. in 12 ds. for a SP rpt. and 2 IRCs. (Forsgren-WI). Radio Nacional de Chile 9550 f/d cd. in 8 ds. for a SP rpt. v/s Fernando Cuevas. (Barrera-ARG). Radio Minería 9750 f/d "Logo" cd. in 171 ds. v/s Lucas Gonzales Rivera. (Barrera-ARG).

CHINA, PEOPLES REPUBLIC: Radio Beijing 17855 f/d "Temple of Heaven" cd.

w/ pennant and sticker in 38 ds. (Talbot-ALB). f/d cd. in 44 ds. w/ pennant. (Kacir-MI). 15520 f/d "35th Anniversary" cd. w/ pennant in 25 ds. (Blanchette-FL).

COOK ISLANDS: Radio Cook Islands 11760 cd. in 38 ds. for 2 IRCs. v/s Nooroa E. Tangaroa, Director. (Dillaman-OH). same in 70 ds. for 4 IRCs. (Swaringen-NC).

COSTA RICA: Radio Impacto f/d cd. w/ ltr. in 13 ds. for a SP rpt. v/s Herberth Vasquez

* Viquez. (Konen-WI). ltr. in 85 ds. for a SP rpt. and 1 IRC. Sticker rcvd. (Konen-WI). Radio Reloj 6006 f/d "Logo" cd. in 2 wks. for an EG rpt. and 1 IRC. v/s Francisco Barabona G. (Palmerheim-MN).

CUBA: USSR 2nd Program 4765 standard ltr. rcvd. from Stepanova stating that they do not verify transmissions in the RS language. (Rigas-IL).

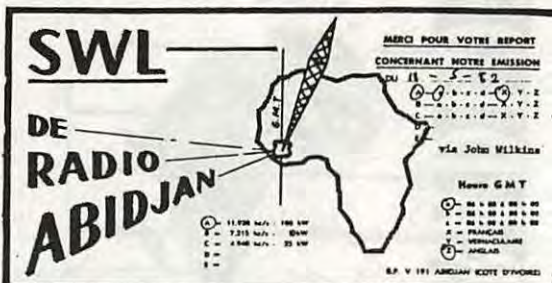
CYPRUS: CBC f/d cd. in 143 ds. for 2 IRCs. (name and freq. next time please)

CZECHOSLOVAKIA: Radio Prague 7345 9 cds. for 9 reports in 64 ds. (Kapinos-MA). f/d "Timber Cottages" cd. in 125 ds. (Cones-VA). f/d cd. in 101 ds. (Sobkoviak-IL). f/d cd. w/ color slides in 87 ds. (Muzyka)

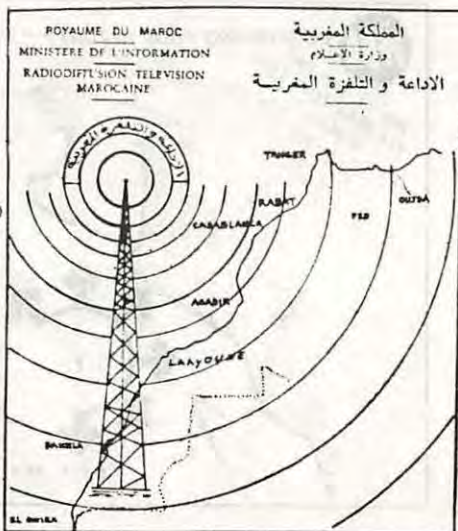
DENMARK: Radio Denmark 15165 f/d cd. in 21 ds. for ms. (Carleton-ONT).

DOMINICAN REPUBLIC: Radio Maximo Gomez via * Radio Clarin 11700 f/d ltr. in 36 ds. for a SP rpt. via the Chicago addr. (Barto-CT). La Voz del CID via Radio Clarin 11700 f/d cd. in 10 ds. for an EG rpt. and ms. to the Chicago addr and Miami addr. QSL arrived from Ap. 8130, San Jose 1000, Costa Rica. (Gavaras-MN).

ECUADOR: HCJB 9745 f/d cd. in 22 ds. for ms. (Dillon-PA). 15155 f/d "Channel 2" cd in 22 ds. for ms. (Dillon-PA). cd. in 68 ds. (Paszkiwicz-WI). f/d cd. in 6 wks. (Plum-NJ).



ALL THE HITS AND MORE
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WILD COAST - TRANSKEY





ECUADOR: La Voz de los Caras 4795 prepared
 * cd. after a f/up rpt. in SP in 5 1/2 mo.
 * (Berg-MA). HClJB HCJBs ham station QSL
 used during World Radio Communications
 Year event, cd. rcvd. in 3 wks. (Berg-MA).
 ECUATORIAL GUINEA: Radio Bata prepared cd.
 * w/ long hand written ltr. from v/s Agus-
 tin Edin Eseno asking for \$100.00. This
 after many f/up rpts. (Berg-MA).
 EGYPT: Radio Cairo 9475 f/d "Sadat" cd. in
 147 ds. (Church-VA). cd. in 65 ds. for 1
 * IRC. (Bruckner-NJ). Radio Vatan 15555 cd.
 w/ flag design in 3 mo. via the FRG addr:
 Interad, U6-12A, D-6800 Mannheim. (Berg).
 EL SALVADOR: Radio Venceramos 6206 n/d ltr.
 in 155 ds. for a SP rpt. and 1 IRC. (Konon)

ENGLAND (UK): Radio Canada International 9555 f/d cd. in 53 ds. (Kapinos-MA).
 EUROPEAN RUSSIA: Radio Moscow 12055 via Armavir f/d cd. in 5 wks. (Plum-NJ). 17700 via Ser-
 pukhov f/d cd. in 27 ds. (Buer-FL). same in 70 ds. (Meyer-WI). (Not Tallin as listed?)
 15100 f/d cd. in 35 ds. (Paszkiwicz-WI). 11790 via Ryasan(sp?) f/d cd. in 9 wks. (Plum-
 NJ). Kingisepp - freq? f/d cd. in 33 ds. (Link-CA).

FALKLAND ISLANDS: FIBS 3958 f/d cd. in 40 ds. for 2 IRCS. v/s A.R. Davies. (Brenesal-FL).
 * f/d "Logo" cd. in 34 ds. for 2 IRCS. (Palmerheim-MN).

FEDERAL REP. OF GERMANY: 15105 Deutsche Welle f/d "Anniversary" cd. in 2 mo. (Gaffin-NY).
 9565 via Julich same cd. in 1 mo. (Plum-NJ), 11905 cd. in 58 ds. (Scharrer-MI). 11795 and
 11955 2 cds. in 31 ds. (Barto-CT). 6085 via Wertachtal f/d cd. in 52 ds. (Dillaman-OH).

FINLAND: Radio Finland 15400 f/d "Finlandia Hall" cd. in 41 ds. (Cones-VA).

GABON: Africa #1 4811 p/d cd. in 63 ds. for a FR rpt. (Barto-CT). 4810 n/d cd. in 67 ds.
 * for a FR rpt. (Scharrer-MI). Radio Japan 15405 via Moyabi f/d cd. w/ site in
 3 wks. (Berg-MA). (Konon-WI).

GEORGIAN SSR: Radio Moscow 11805 via Tbilisi f/d cd. in 58 ds. v/s Juan Nunez.
 GERMAN DEMOCRATIC REPUBLIC: Radio Berlin International 11890 f/d "Map" cd. in
 6 wks. (Leithner-QUE). 11975 f/d "Tower" cd. in 2 mo. (Gaffin-NY).

GREECE: Voice of Greece 9420 f/d "Beach" cd. in @ 1 mo. for 1 IRC. (Kapinos-MA).
 f/d "Mykonos" cd. in 151 ds. (Rigas-IL).

GRENADA: Radio Free Grenada 15045 f/d pink/black cd. in 541 ds. for 1 IRC.
 v/s Caroline Gellineau. (Brouillette-MO). same in 7 mo. (Berg-MA).

GUAM: Trans World Radio KTRW cd. in 27 ds. for 1 IRC. (Brenesal-FL).

GUATEMALA: Radio Maya de Barillas 3325 f/d "Warrior" cd. in 5 wks. for a SP
 rpt. and ms. v/s Francisco Jean Pedro, Gerente. (Palmerheim-MN). Radio Cho-
 rtis 3380 p/d ltr. in 25 ds. for a SP rpt. and ms. v/s Juan Maria Boxus,
 Executive Director. (Palmerheim-MN). (-NY).

HAWAII: WWVH 5000 p/d "Aloha/Ship" cd. in 17 ds. v/s C.L. Trembath. (Sgrulletta
 HONDURAS: HRVC 4820 p/d "Logo" cd. in 13 ds. for an EG rpt. and 2 IRCS. v/s
 * Cindy L. Maradiaga. (Dillon-PA). same in 18 ds. for ms. (Carleton-ONT). Radio



FEBA CONFIRMING YOUR REPORT *Mr. JOHN R. MEYER*

One of the rare
f/d QSLs from this
station!

on 15 325 MHz
 at 1610-1630 GMT
 date 4th OCTOBER, 1977
R. J. QSL secretary
F.E.B.A. SEYCHELLES, INDIAN OCEAN

Luz y Vida 3250
 rcvd. very nice
 EG ltr. from
 station Director
 Don Moore in 5
 mo. (Berg-MA).
 HUNGARY: Radio Buda
 pest 9585 f/d
 "Logo" cd. in
 32 ds. (Forsgren)
 ICELAND: ISBS 13797
 f/d "Autumn Land
 scape at Thing-
 vellir" cd. in
 13 ds. for 2
 IRCS. (Cones-VA).
 INDIA: All India
 Radio 15335 via
 * Madras f/d "The
 Barge of Love"
 cd. in 1 mo. for
 1 IRC. (Gliksman-
 IL). 11620 via
 Delhi cd. in 6
 wks. (Hazeltine).

INDONESIA: RRI Tanjungkarang 3395 long ltr. in * IN in 3 mo. for a taped rpt. v/s Drs. H. Hamdan Syahbeni. (Berg-MA), p/d ltr. in 2 mo. for an IN rpt. (Barto-CT)...Can someone supply me with a comprehensive listing of IN stations and the corresponding NASWA countries in which each station belongs?...Sam.

IRAN: Voice of the Islamic Revolution of Iran 9022 f/d "War is Ugly" cd. in 339 ds. for ms. This after 2 f/up rpt. (Carleton-ONT).

IRAQ: Radio Baghdad 9745 f/d "Logo/Map" cd. in 10 mo. for 2 IRCs. (Dillaman-OH), same in 90 ds. w/ emblem after a f/up rpt. (Konen-WI), in 133 ds. for 2 IRCs. (Brenesal-FL).

IRELAND: Radio Dublin 6910 f/d white "Map" cd. in 50 ds. for 3 IRCs. v/s Marian Knowles. (Swaringen-NC), cd. w/ ltr. in 83 ds. for 3 IRCs. Sticker rcvd. v/s Veronica Mahon. (Brenesal-FL), 3 cds. in 62 ds. for ms. and 2 f/up rpt. v/s Owen Kennedy. (Carleton-ONT). **World Music Radio via Radio Dublin** 6910 f/d cd. in 3 wks. for 2 IRCs. v/s Lee Alvin. (Swaringen-NC), f/d "Logo" cd. in 14 ds. for 3 IRCs. (Stephany-NY).

ISRAEL: IBA 9815 f/d "Logo" cd. in 54 ds. for 1 IRC. Map rcvd. (Bruckner-NJ). **Voice of Peace** * 6240 f/d form ltr. w/ handwritten note via v/s Stuart Vint, Station Engineer. 400 watts!

This was their 3rd rpt. from the US! Station located 3 miles off Tel Aviv. (Berg-MA).

IVORY COAST: Radio Abidjan 4940 f/d "Map" cd. in 31 ds. for an EG rpt. and 2 IRCs. (Pate-MD)

JAPAN: Radio Japan 15300 p/d "Persimmons" cd. in 1 mo. (Palmerheim-MN). **NSB Radio Tampa** 9595 f/d "Headphones/Super Wave" cd. in 68 ds. Sticker rcvd. (Talbot-ALB).

KAMPUCHEA: Voice of the People of Kampuchea 11938 cd. w/ personal ltr. in 9 mo. w/ station * schedule. v/s Miss Som Kim Suor (Kirkland-ONT). 9695 cd. w/ schedule in 730 ds. (Hodgson-SO, AFR)...Very nice!

KIRIBATI: Radio Kiribati T3K1 16433 f/d "Naked Island Lady" in 177 ds.

* ms. v/s Miss Tahoi B. (Bryant-OK). f/d "Sunset" cd. in 7 wks. for a taped rpt. (Berg-MA). f/d "Typical Island Apparel" cd. in 2 mo. for 1 IRC. (Gliksman-IL). f/d "Man cutting Toddy in Tree" cd. in 50 ds. for 2 IRCs. (Swaringen-NC). f/d "Racing Canoe" cd. in 15 ds. after a f/up rpt. for 3 IRCs. (Gavaras-MN). f/d "Village Scene" cd. in 20 ds. after a f/up rpt. for ms. (Palmerheim-MN)...Looks like Bryant was the lucky one this month. Hi!

KOREA, REPUBLIC OF: Radio Korea 15575 f/d "Seasonal Scenery" cd. in 30 ds. w/ sticker. (Wilkins-CO), 11830 f/d "Traditional Dance" cd. in 95 ds. (Talbot-ALB).

LEBANON: Voice (King) of Hope 6215 rcvd. f/d cd. in 2 wks. via * the Calif. address. (Leithner-QUE).

LIBYA: Radio Jamahiriyyah 11816 n/d ltr. in 81 ds. via the Malta address.

(Kapinos-MA). f/d "Rainbow" cd. in 75 ds. for ms. Also rcvd. 3 "Green Books" (Meyer-WI), ltr. in 95 ds. for 1 IRC. v/s Mohammed Sweidan. (Paszkiwicz-WI), ltr. in 59 ds. w/ cassette tapes. (Barto-CT). f/d prepared cd. in 60 ds. for 2 IRCs. (Lare-MI), f/d ltr. in 18 mo. (Leithner-QUE), p/d ltr. in 65 ds. (Bruckner-NJ), 11815 f/d cd. in 37 ds. for 2 IRCs. (Stephany-NY), f/d cd. in 339 ds. after 2 f/up rpt. (Carleton-ONT), p/d ltr. in 70 ds. (Rigas-IL).

LITHUANIAN SSR: Radio Vilnius 17870 f/d cd. in 206 ds. for 1 IRC. Pennant rcvd. v/s J. Lukosevicius, Editor in Chief. (Carleton-ONT), 11960 f/d folder "Tower" cd. in 70 ds. w/

schedule. (Cones-VA), same in 107 ds. for 1 IRC. (Pate-MD), 11735 f/d cd. in 81 ds. (Church-VT).

LUXEMBOURG: Radio Luxembourg 15350 f/d

"Antenna w/ Country Seal" cd. in 130 ds. (Cones-VA), 6096 f/d cd. in 28 ds. for 1 IRC. (Caravan-PA).

MALAGASY REP: Radio

Nederland 11740 f/d "Van Gogh Painting" cd. in 5 wks. (Swaringen-NC).

MALAWI: MBC 3380 f/d

ltr. in 1 mo. w/ schedule. (Leithner-QUE).

RADIO-ANGOLA (EMISSORA OFICIAL)

~ LUANDA-ANGOLA ~ PORTUGUESE WEST AFRICA
via Richard Davis

THIS CONFIRMS YOUR RECEPTION OF OUR PROGRAM
BROADCAST ON THE 3 / 3 / 59 AT 21.17 GMT
ON 17795 KC/S POWER 10 Kw. AERIAL rshabie

WITH MANY THANKS AND BEST REGARDS
FROM RADIO ANGOLA

16 2 / 59

DIRECTOR



MAROC N° 0011

RADIO - EURAFRIC

1959 QSL via
Ron Luyster

9, RUE DE RUSSIE - TANGER

Nous avons le plaisir de vous
confirmer l'exactitude de votre rapport
reçue du **11 Mai 1983**
x 0553 / 0645 heure GMT
dont nous vous remercions

OFFICE DE RADIODIFFUSION
TELEVISION DU SENEGAL . O.R.T.S.
B.P. 1765 - DAKAR
via Terry Palmersheim

CHAINE INTER SENEGAL I	CHAINE NAT. SENEGAL II	SENEGAL III
11895 kHz - 100 kw	7170 kHz - 100 kw	1367 kHz - 20 kw
7210 kHz - 100 kw	4890 kHz - 100 kw	ORTS - B.P. 376
4890 kHz -	765 kHz - 200 kw	SAINT-LOUIS

CD. in 28 ds.(Dillon-PA). same f/d cd. w/ site in 31 ds.(Barto-CT).
NAMIBIA: Radio SWA 3295 f/d cd. in 65 ds. for 2 IRCs. (Cobb-ME). 4965 f/d "Nature Park" cd. in 3 mo. for 3 IRCs. Sticker rcvd. v/s Jackie De Bruin.(Hosmer-MI). f/d "Aloe Dichotoma" cd. w/ sticker in 3 mo. for 2 IRCs. v/s Miss J. Goenewald.(Leithner-QUE).
NEWFOUNDLAND: CKZN 6160 p/d cd. w/ sticker in 22 ds. for 2 IRCs. (Cobb-ME).
NEW IRELAND: Radio New Ireland 3905 ltr. in 54 ds. for 3 IRCs. v/s A. Luriu, Provincial * Station Manager. (Brenesal-FL).
NEW ZEALAND: Radio New Zealand 17705 f/d "Hot Springs" cd. w/ Tiki figure in 20 ds. for 3 IRCs. (Caravan-PA). same in 23 ds. for 4 IRCs. (Church-VI). 11960 cd. in 16 ds. (Dillon).
NICARAGUA: Voice of Nicaragua 5950 p/d ltr. w/ 2 pennants, newspaper and pocket calendars in 88 ds. for an EG rpt. and 1 IRC. (Stephany-NY).
NIGERIA: Plateau Broadcasting Corp. 5965 via Jos f/d form ltr. in 37 ds. for ms. v/s F.O. * N. Dike. (Stephany-NY). FRCN 4770 via Kaduna f/d "Arcade" cd. in 9 mo. (Leithner-QUE).
NORWAY: Radio Norway 17715 p/d "Rostad" cd. w/ sticker in 45 ds. (Barto-CT).
OMAN: BBC 7160 n/d cd. in 67 ds. (Scharrer-MI).
PARAGUAY: Radio Nacional 9735 n/d ltr. in 28 ds. for a SP rpt. and 2 IRCs. v/s Carlos Montaner, Jefe Tecnico. (Dillaman-OH). same in 22 ds. for 2 IRCs. (Brenesal-FL).
PERU: Radio Atlantida 4790 f/d "Square of Armas Fountain" cd. w/ sticker in 230 ds. for a SP rpt. and 1 IRC. (Swaringen-NC). Radio Ondas del Huallaga 3330 n/d ltr. w/ pennant in 49 ds. for a SP rpt. v/s Flaviano Llanos M. (Barto-CT). Radio Pampas 4855 f/d certificate in @ 1 mo. for a SP rpt. and 1 IRC. v/s Luis F. D. Mestre, Administrator. (Gliksman-IL). Radio Tropical 4935 n/d cd. w/ 20th anniversary station pennant in 28 wks. * for a SP rpt. and ms. (Wilkins-CO). Radio Bagua 3310 f/d personal ltr. w/ prepared cd. in 26 ds. for a SP rpt. and ms. v/s Gilberto Paredes Torres, Director General. (Lazarus- * LA). Radio Ocllasuyo personal ltr. in 37 ds. for a SP rpt. and 2 IRCs. v/s David Gamero * Alatrista, Administrator. (Brenesal-FL). Radio Andahuaylas 4840 ltr. in 2 1/2 mo. for a SP * rpt. v/s Daniel Andreu Casafraña, Gerente. (Berg-MA). Radio Cusco 6195 f/d prepared cd. w/ personal ltr. in 7 mo. for a SP rpt. after 2 f/up rpts. v/s Elena Lizarraga Pacheco Coneba, Gerente General. (Berg-MA).
PHILIPPINES: Radio Veritas Asia 11955 "Gion Festival" cd. in 5 wks. (Hazeltime-WA).
POLAND: Polskie Radio 11815 f/d "Tazienki Park" cd. in 74 ds. (Sobkoviak-IL). 15120 same cd in 89 ds. w/ schedule for 2 IRCs. (Bruckner-NJ).
PORTUGAL: Deutsche Welle 11905 via Sines f/d "Map" cd. in 52 ds. (Stephany-NY).
ROMANIA: Radio Bucharest 11830 f/d cd. in 57 ds. (Kapinos-MA).
RWANDA: Deutsche Welle 11965 f/d "30th Anniversary" cd. w/ site in 2 mo. (Meyer-WI). 11765 f/d cd. in 55 ds. (Rigas-IL). 21600 same cd. in 31 ds. (Barto-CT). same in 37 ds. (Loh-AZ).
SAIPAN: KYOI 11900 f/d "Bird w/ Logo" cd. in 62 ds. for a taped rpt. and ms. (Kacir-MI). same in 3 mo. for 1 IRC. (Leithner-QUE).

MALTA: Deutsche Welle 11865 f/d "30th Anniversary" cd. in 29 ds. (Talbot-ALB). same in 18 ds. (Link-CA). in 53 ds. (Sobkoviak-IL). 9590 f/d cd. in 1 mo. (Plum-NJ). Radio Mediterraneo 6110 f/d "Map" cd. in 93 ds. w/ sticker for 2 IRCs. (Muzyka-NY). IBRA Radio 9515 f/d "CN Tower" cd. in 20 ds. for 2 IRCs. (Cobb-ME). same in 11 wks. (Huniwell-NJ).
MAURITIUS: MBC 4855 p/d multi-colored cd. in @ 1 mo. * for 1 IRC. (Gliksman-IL).
MEXICO: Radio Mexico XERMX 15430 f/d cd. in 32 ds. for 2 IRCs. (Cobb-ME). same in 30 ds. w/ sticker for 1 IRC. (Cones-VA).

MONACO: Trans World Radio 7160 f/d "Monte Carlo" cd. in 15 ds. for 1 IRC. (Forsgren-WI). 9495 same cd. in 20 ds. for 1 IRC. (Caravan-PA).

MONTERRAT: Deutsche Welle 9545 f/d "30th Anniversary" cd. in 23 ds. (Reinstein-FL). same in 1 mo. (Plum-NJ) 11705 and 9545 same cd. in 18 ds. (Link-CA). 11705

CD. in 28 ds. (Dillon-PA). same f/d cd. w/ site in 31 ds. (Barto-CT).
NAMIBIA: Radio SWA 3295 f/d cd. in 65 ds. for 2 IRCs. (Cobb-ME). 4965 f/d "Nature Park" cd. in 3 mo. for 3 IRCs. Sticker rcvd. v/s Jackie De Bruin.(Hosmer-MI). f/d "Aloe Dichotoma" cd. w/ sticker in 3 mo. for 2 IRCs. v/s Miss J. Goenewald.(Leithner-QUE).

NEWFOUNDLAND: CKZN 6160 p/d cd. w/ sticker in 22 ds. for 2 IRCs. (Cobb-ME).
NEW IRELAND: Radio New Ireland 3905 ltr. in 54 ds. for 3 IRCs. v/s A. Luriu, Provincial * Station Manager. (Brenesal-FL).

NEW ZEALAND: Radio New Zealand 17705 f/d "Hot Springs" cd. w/ Tiki figure in 20 ds. for 3 IRCs. (Caravan-PA). same in 23 ds. for 4 IRCs. (Church-VI). 11960 cd. in 16 ds. (Dillon).
NICARAGUA: Voice of Nicaragua 5950 p/d ltr. w/ 2 pennants, newspaper and pocket calendars in 88 ds. for an EG rpt. and 1 IRC. (Stephany-NY).

NIGERIA: Plateau Broadcasting Corp. 5965 via Jos f/d form ltr. in 37 ds. for ms. v/s F.O. * N. Dike. (Stephany-NY). FRCN 4770 via Kaduna f/d "Arcade" cd. in 9 mo. (Leithner-QUE).
NORWAY: Radio Norway 17715 p/d "Rostad" cd. w/ sticker in 45 ds. (Barto-CT).

OMAN: BBC 7160 n/d cd. in 67 ds. (Scharrer-MI).
PARAGUAY: Radio Nacional 9735 n/d ltr. in 28 ds. for a SP rpt. and 2 IRCs. v/s Carlos Montaner, Jefe Tecnico. (Dillaman-OH). same in 22 ds. for 2 IRCs. (Brenesal-FL).

PERU: Radio Atlantida 4790 f/d "Square of Armas Fountain" cd. w/ sticker in 230 ds. for a SP rpt. and 1 IRC. (Swaringen-NC). Radio Ondas del Huallaga 3330 n/d ltr. w/ pennant in 49 ds. for a SP rpt. v/s Flaviano Llanos M. (Barto-CT). Radio Pampas 4855 f/d certificate in @ 1 mo. for a SP rpt. and 1 IRC. v/s Luis F. D. Mestre, Administrator. (Gliksman-IL). Radio Tropical 4935 n/d cd. w/ 20th anniversary station pennant in 28 wks.

* for a SP rpt. and ms. (Wilkins-CO). Radio Bagua 3310 f/d personal ltr. w/ prepared cd. in 26 ds. for a SP rpt. and ms. v/s Gilberto Paredes Torres, Director General. (Lazarus- * LA). Radio Ocllasuyo personal ltr. in 37 ds. for a SP rpt. and 2 IRCs. v/s David Gamero

* Alatrista, Administrator. (Brenesal-FL). Radio Andahuaylas 4840 ltr. in 2 1/2 mo. for a SP * rpt. v/s Daniel Andreu Casafraña, Gerente. (Berg-MA). Radio Cusco 6195 f/d prepared cd. w/ personal ltr. in 7 mo. for a SP rpt. after 2 f/up rpts. v/s Elena Lizarraga Pacheco Coneba, Gerente General. (Berg-MA).

PHILIPPINES: Radio Veritas Asia 11955 "Gion Festival" cd. in 5 wks. (Hazeltime-WA).
POLAND: Polskie Radio 11815 f/d "Tazienki Park" cd. in 74 ds. (Sobkoviak-IL). 15120 same cd in 89 ds. w/ schedule for 2 IRCs. (Bruckner-NJ).

PORTUGAL: Deutsche Welle 11905 via Sines f/d "Map" cd. in 52 ds. (Stephany-NY).
ROMANIA: Radio Bucharest 11830 f/d cd. in 57 ds. (Kapinos-MA).

RWANDA: Deutsche Welle 11965 f/d "30th Anniversary" cd. w/ site in 2 mo. (Meyer-WI). 11765 f/d cd. in 55 ds. (Rigas-IL). 21600 same cd. in 31 ds. (Barto-CT). same in 37 ds. (Loh-AZ).

SAIPAN: KYOI 11900 f/d "Bird w/ Logo" cd. in 62 ds. for a taped rpt. and ms. (Kacir-MI). same in 3 mo. for 1 IRC. (Leithner-QUE).

MALTA: Deutsche Welle 11865 f/d "30th Anniversary" cd. in 29 ds. (Talbot-ALB). same in 18 ds. (Link-CA). in 53 ds. (Sobkoviak-IL). 9590 f/d cd. in 1 mo. (Plum-NJ). Radio Mediterraneo 6110 f/d "Map" cd. in 93 ds. w/ sticker for 2 IRCs. (Muzyka-NY). IBRA Radio 9515 f/d "CN Tower" cd. in 20 ds. for 2 IRCs. (Cobb-ME). same in 11 wks. (Huniwell-NJ).

MAURITIUS: MBC 4855 p/d multi-colored cd. in @ 1 mo. * for 1 IRC. (Gliksman-IL).
MEXICO: Radio Mexico XERMX 15430 f/d cd. in 32 ds. for 2 IRCs. (Cobb-ME). same in 30 ds. w/ sticker for 1 IRC. (Cones-VA).

MONACO: Trans World Radio 7160 f/d "Monte Carlo" cd. in 15 ds. for 1 IRC. (Forsgren-WI). 9495 same cd. in 20 ds. for 1 IRC. (Caravan-PA).

MONTERRAT: Deutsche Welle 9545 f/d "30th Anniversary" cd. in 23 ds. (Reinstein-FL). same in 1 mo. (Plum-NJ) 11705 and 9545 same cd. in 18 ds. (Link-CA). 11705

CD. in 28 ds. (Dillon-PA). same f/d cd. w/ site in 31 ds. (Barto-CT).
NAMIBIA: Radio SWA 3295 f/d cd. in 65 ds. for 2 IRCs. (Cobb-ME). 4965 f/d "Nature Park" cd. in 3 mo. for 3 IRCs. Sticker rcvd. v/s Jackie De Bruin.(Hosmer-MI). f/d "Aloe Dichotoma" cd. w/ sticker in 3 mo. for 2 IRCs. v/s Miss J. Goenewald.(Leithner-QUE).

NEWFOUNDLAND: CKZN 6160 p/d cd. w/ sticker in 22 ds. for 2 IRCs. (Cobb-ME).
NEW IRELAND: Radio New Ireland 3905 ltr. in 54 ds. for 3 IRCs. v/s A. Luriu, Provincial * Station Manager. (Brenesal-FL).



Nous avons le plaisir de confirmer votre rapport d'écoute
du 27 Mars 1983 de 22.12 heures G.M.T.
Notre station émet, aux heures G.M.T. sur les longueurs
d'Ondes de Fréquences suivantes : via Gliksman,
MATIN de 04 h 00 à 08 h 00 Yingling, others
203 m - 475 kHz et 81.60 m - 4870 kHz
MI-JOURNÉE de 13 h 00 à 23 h 00
203 m - 1475 kHz et 81.60 m - 4870 kHz
(tous les jours, sauf Samedi, Dimanche et jours fériés)
Samedi de 04 h 15 à 8 h 00 et de 11 h 00 à 23 h 00
Dimanche de 06 h 00 à 23 h 00
1475 kHz et 81.60 m - 4870 kHz
PARAKOU - 936KH2 - 5025KH2 - 9190KH2
LANGUES EMPLOYÉES : Français - Anglais - Fon - Mina
Yoruba - Bariba - Dendi - Wama - Boko - Ditambari - Yom
Adja - Ouidji - Paulh - Kotocoli - Aoussa - Berba - Mokola
Dompago *Thank you very much.*
19/04/83

VERIFICATION SIGNERS: Voice of Arab Lebanon 6204 Hazen El-Khall, Sound Engineer. Radio Vision 5360 Carlos Campos Rivera, Gerente. Radio Amazonas 5060 Sr. Teddy Raul Bandayan, Director Gerente. Radio Nor Peruana 9655 Sr. Julian Alonso Mejia Q. Radio Clube Goiania 11735 Gilberto Bertolini. Radio Nacional Bata 4926 Sn. Agustin Edu Esono. Radio Santa Fe 4965 Luisa de Bernal, Gerente. Radio Macarena 5973 Enrique Zambrano Nieto. Radio Reloj 4832 Francisco Barahona. Radio Greenlands 3999 Mikkelsen T., Technical Director. Radio Atalaia Corumba 4835 Elias F.F. Vieira, Director Commercial. Radio Emisora Reyes 4420 Jose Antonia Gomez Gusman, Director. Radio Tanzania 5050 E.A.H. M'kongwe. Radio Frontera 4760 Modesto Marchena, Director General. Mauritius Broadcasting Co. 4855 H. St. Lambert, Chief Engineer. FRCN 4770 Kaduna Yusuf Garba, Chief Engineer. Radio Los Andes 5030 Pablo Cardenas Valverde Radio Pampas 4855 Luis Mestre Rojas. Radio Inconfidencia 6000 Eugenio Silva. Radio Super Medellin 4875 Angela Margarita Londono, Secretary. Radio Irs 3380 J. Antonio Marchan C., SubGerente. Radio Bahai 4996 Marcelo Quinteros. BSKSA 11855 Mohammed Al Mansour, Director General. Radio Jesus del Gran Poder 5050 Padre Jorge Enriquez S. La Voz de la Selva 4825 P. Maurilio Bernardo P. Radio Cultural Amauta 4955 Saturnino Gavilan N., Gerente. Radio Mara 3275 Sonia M. Govers U., Public Relations. Azad Kashmir Radio 4980 Zafar Ahmad Cheema Senior Broadcasting Engineer. Ondas del Huallaga 3330 Flaviano Llanos, Legal Representative. Radio Abaroa 4710 Rolman Medina Mendes, QSL Manager. Radio Fides 4845 Arturo Beltran C., SubGerente. Radio Norte de Montero 4935 Leonardo Arteaga Rios, Director. Radio Nacional de Rio de Janeiro 9705 Luis Cesar de Oliveira, Gerente Technical. Radio Bertoua 4750 J. Achanya Fontem. Radio Surcolombiana 5010 Maria Cristina Andrade de Pena, Gerente. Emisora Nueva Granada 6160 Efrain Arce Aragon, Gerente. Radio Nacional de Costa Rica 6035 Rodolfo Barrenechea B. Radio Djibouti 4780 M.D. Aden, Director... Good list this time!

SAIPAN: KYOI f/d "Logo" cd. in 76 ds. for a taped rpt. and ms. v/s Ralph Eugenio. (Carleton)
SOLOMON ISLANDS: SIBC 5020 f/d "Logo" cd. in 4 wks. for 2 IRCs. (Plum-NJ).

SOUTH AFRICA: Radio RSA 7270 f/d "Sailboat" cd. in 18 ds. (Dillon-PA). 9615 and 5980 f/d "Ebenezer Dam" cd. w/ pennant in 2 wks. (Forsgren-WI). 6065 and 15325 same cd. in 37 ds. (Barto-CT). 25790 same cd. in 20 ds. (Zurik-MN). 9615 same cd. w/ pennant and sticker in 15 ds. (Gaffin-NY). Capital Radio 3930 p/d "Presenters" cd. in 172 ds. for 2 IRCs. (Konen-WI). f/d "DJs" cd. in 5 wks. for 2 IRCs. v/s L. Mady. (Palmerheim-MN).

SPAIN: Radio Exterior de Espana 11880 f/d "Painting" cd. in 32 ds. (Dillon-PA). same in 69 ds. w/ outdated schedule. (Kapinos-MA).

SWEDEN: Radio Sweden International 11705 f/d "35 Years of Sweden Calling DXers" cd. in 22 ds. (Talbot-ALB). 9695 same cd. w/ sticker in 15 ds. (Dillon-PA). 15270 same cd. in 12 ds

* (Scharer-MI). IBRA Radio 9515 f/d large cd. in 73 ds. (Barto-CT). Swedish Telecommunications Administration 17840 via Varberg f/d "SSB" cd. in 2 wks. v/s Bertil Olstrup.

SWITZERLAND: Swiss Radio International 9725 f/d "SRI Building" cd. in (Sobkoviak-IL).
 * 31 ds. (Kapinos-MA). Red Cross Broadcasting Service 7210 f/d "Headphones on Globe" cd. in 32 ds. for 1 IRC. (Cones-VA).

TADZHIK SSR: Radio Moscow 21585 via Dushanbe f/d cd. in 58 ds. (Kapinos-MA).

TANZANIA: Radio Tanzania 5050 n/d red, blue and ivory "Map" cd. in 253 ds. for 2 IRCs. This was after 8 reports! (Konen-WI). same in 258 ds. for 2 IRCs. (George-NC). p/d cd. in 182 ds. for 2 IRCs. v/s E.M. Fgui. (Stephany-NY).

THAILAND: Radio Thailand 9650 p/d "Thai Mask" cd. in 2 mo. for 1 IRC. (Gliksman-IL).

TOGO: Radiodiffusion Television Togolaise 5047 f/d "Logo" cd. in 2 mo. for a FR rpt. and 2 IRCs. (Leithner-QUE). 3222 via Kara cd. in 44 ds. for an EG rpt. (McDaniel-IN).

TURKEY: Voice of Turkey 11740 f/d "Ephesus Izmir" cd. in 81 ds. for ms. and a taped rpt. (Carleton-ONT). f/d "Kekova Antalya" cd. in 32 ds. (Church-VT).

UKRAINIAN SSR: Radio Moscow 15100 via Lvov f/d "St. Basils" cd. in 70 ds. (Meyer-WI). 9720 via Vinnitsa f/d cd. in 35 ds. (Paszkiewicz-WI). Radio Kiev 9800 and 17900 f/d "Metro Bridge" cd. in 7 wks. (Palmerheim-MN). 11720 f/d folder cd. of "Palace of Culture" in 100 ds. w/ flag and sticker. (Sobkoviak-IL). same w/ sticker in 42 ds. for 1 IRC. (Gaffin-NY). f/d cd. in 2 mo. (Palmerheim-MN), 9800 f/d "State Museum of Kiev" cd. in 55 ds. for 1 IRC. (Pate-MD).

• TO MAKE CHRIST KNOWN TO AFRICA •

ELWA

QSL on 15,200 mcs. at 0025 GMT
 on January 14, 1959

Remarks: Thanks for your report.



UNITED ARAB EMIRATES: Radio and Colour TV Dubai 21655 f/d "World Map/Logo" cd. in 42 ds. for 1 IRC. (Brouillette-NO). 15435 same cd. in 28 ds. for 2 IRCs. v/s H.F. Fenner. (Link).

USA: WYFR 11830 f/d "Logo" cd. w/ sticker and calendar in 21 ds. for ms. (Forsgren-WI). Voice of Free China 5985 via WYFR f/d "Plum Blossoms" cd. in 64 ds. (Talbot-ALB). KGEI 15280 f/d "View of San Francisco" cd. w/ pennant in 39 ds. for ms. v/s Jesus C. Elizondo. (Cones-VA). same in 1 mo. for 3 IRCs. (Palmerheim-MN).

BOX 192 • MONROVIA LIBERIA • SUDAN INTERIOR MISSION

USA: Radio Antonio Guiteras via La Voz del CID 7350 f/d ltr. via Chicago

- * in 36 ds. for a SP rpt. v/s Pablo Pena. (Barto-CT). Radio Ignacio Agramonte via La Voz del CID 5106 f/d ltr. via Chicago in 36 ds.
- * for a SP rpt. (Barto-CT). La Voz de Alpha 66 7038.3 f/d "Certificado de Sintonia" in 15 ds. for an EG rpt. and SASE. v/s Dr. Diego Medina. Addr: P.O. Box 420067, Miami
- * 33142. (Reinstein-FL). KTGR 7410 f/d ltr. in 82 ds. for a SASE. (Rigas-IL). Radio Mambi - La Voz de La Junta Patriótica Cubana 7076 f/d cd. w/ ltr. in 12 ds. for an EG rpt. v/s Dr. Manuel A. de Varona, President of the J.P.C. Addr: P.O. Box 350492, Riverside Station, Miami 33135. (Reinstein-FL).
- * KQSE 7385 f/d ltr. w/ paper pennant in 29 ds. for ms. (Caravan-PA). 7433 same in 76 ds. Mailed from Honolulu! (Rigas-IL). Radio Frank País via La Voz del CID f/d prepared cd. in 11 ds. via Chicago. (Rigas-IL). 7400 f/d personal ltr. in 3 wks. for ms. (Palmerheim-MN). KPRC 1616 n/d "Antenna" cd. in 50 ds. (Stephany-NY). same in 7 wks. (Berg-MA). The Crystal Ship 7425 professionally printed B&W cd. in 1 mo. (Berg-MA). same in 4 1/2 mo. for ms. Postmark was Fargo, N.D. (Plum-NJ). f/d cd. in 60 ds. (Rigas-IL).
- USSR: Radio Station Peace and Progress 15520 f/d "Logo" cd. in 55 ds. (Cones-VA).
- UZBEK SSR: Radio Moscow 15515 via Tashkent f/d "Unknown Soldiers" cd. in 5 wks. (Plum-NJ).
- VANUATU: Radio Vanuatu 7260 f/d "Slit Gong" cd. in 105 ds. for 1 IRC. v/s Peter Sale-malo. (Talbot-ALB). 3945 same f/d cd. in 113 ds. (Konen-WI).
- VATICAN: Radio Vatican 6015 f/d "Antenna" cd. in 19 ds. for 1 IRC. (Dillon-PA).
- VENEZUELA: Radio Tachira 4830 n/d cd. in 174 ds. for a SP rpt. and 1 IRC. (Rigas-IL). same in 75 ds. for a SP rpt. and 2 IRCs. v/s Desiree Gonzales. (Brenesal-FL). n/d cd. in 1 yr after several f/up rpts. pennant rcvd. (Berg-MA). n/d "Painting of San Cristobal" cd. in 30 ds. for a SP rpt. and ms. (Konen-WI). n/d cd. in 1 mo. for a SP rpt. and 1 IRC. (Gliksman-IL). cd. in 7 mo. for a SP rpt. and ms. (Palmerheim-MN). Radio Barquisimeto 4990 f/d cd. in 220 ds. for a SP rpt. and 1 IRC. (Gliksman-IL). YVTO 6100 p/d cd. in 8 mo. for a SP rpt. and 1 IRC. v/s German Romero Ocando. (Talbot-ALB). same in 138 ds. for an EG/SP rpt., 2 IRCs and a taped rpt. (Carleton-ONT). Radio Juventud 4900 f/d cd. in 8 mo. for a SP rpt. and 2 IRCs. (Lare-MI). Radio Sucre 4961 f/d prepared cd. in 22 * mo. after 6 f/up rpts. (Berg-MA). La Voz de El Tigre 3255 prepared cd. w/ ltr. and stickers in 2 yrs. after 7 f/up rpts. v/s Rafael Guevara, Director. (Berg-MA).
- VIETNAM: Voice of Vietnam 15010 folder cd. in 12 wks. (Hazeltine-WA). same in 91 ds. (Kap-inos-MA).
- ZAMBIA: Zambia Broadcasting Service 4911 f/d cd. in 2 mo. for 3 IRCs. v/s Peter Masuba. (Leithner-QUE).

This month we had @ 105 countries reported to the column. Quite a few good stations were reported. Keep up the good work gang!

We received quite a few letters this month. J. Bryant of OK is very proud of his Kiribati QSL. You got a good one! It will probably go down as a classic...Sam. George Barabas informs us that he is the advisor for the Shortwave Radio Club of Stranahan Junior High School in Brooklyn, NY. Sounds like you have your work cut out for you George! John Meyer and several others have sent in comments regarding the new Radio Jamahiriyi QSL card. A little beauty isn't it! Rav Forsgren writes in to say that in the first 3 months of his membership he has doubled his country totals! Mark Konen said that the v/s of Radio Impacto has promised to speed things up a bit and answer more QSL reports. Station has a very nice pennant. Thanks go out to another first time reporter in the name of Ed Church of St. Albans, VT. Nice country - its my second home...Sam. We also greet another new reporter in Don Zurik of Mpls., MN. Nice long letter was received from Sheryl Paszkiewicz in WI. If you want the Indos you have to get up in the morning! Bill Plum of Irvington, N.J. sent his usual monthly greetings. Hi Bill! New reporter Peter Dillon is 26 and a graduate student at the Univ. of PA. He is a specialist in the Middle East. He speaks Arabic, Hebrew, French and Turkish. Quite an accomplishment!! Don Hosmer said that he was so depressed after only receiving 1 QSL for the month that he contemplated eating his R-2000 or hanging his mailman from the longwire. Hi! If anyone wishes to correspond with Don, he can be reached at The DX Crisis Center...Sam.

After last months world news I thought things couldn't get too much worse - I was wrong. No comment needed.....73s best of DX...Sam.

RADIOIFFUSION TÉLÉVISION GABONAISE

update

November 1983***Number 150

Tom Alleman
636 E. 74th Terr.
Kansas City, MO 64131 USA
(816) 523-7292 7-10 pm Central only!

UPCOMING DEADLINES: 10 November (Mid-Nov) 20 November (December) 10 December (Mid-Dec)

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FROM THE EDITOR: To those of you who have sent congratulations and kind words on my marriage, our deep gratitude. I am very fortunate to have so many good friends and a wonderful wife.

ANGOLA Em Regional Lobito, 7172, tentative, in PT 0432-0550 f/out. Various talks, nx, African mx, nx prgms. Several mentions of Angola but no definite ID. Strong but QRM from 7170. (Wilkins, CO 10-18)

BELIZE RB, 3285, in SP 0000mostly talking and religious in nature, I think. EG prgms 0030. Bad reception. (Field, MI 10-18)

BOLIVIA R. Nac. de Huanuni, 5964.5-5965.2v, heard frequently recent mornings but ID first noted 10-3. Noted 1002 w/ OG, charango plucking 1005, into prgm of CP folkloric mx w/ Ay-mara lyrics. At 1029, M in echo over piano saying (canned ID): "... banda de 49 metros, R. Nacional de Huanuni." Quite a rush to hear that. Held to 1040 t/out; main problem most days is QR M from the dominant Brazilian on 5965. Huanuni xmtr continues to s/on low in freq, as much as 1/2 kHz and then it wanders up as it warms up. By the time it settles, the Brazilian is well into its downward fade. Also noted 0959:30 carrier on and 1000:50 carrier on 9-26. Amazing how stn will appear out of woodwork after years of silence, even though known to be on. (Ralphus, TX)

BRAZIL R. Por um Mundo Melhor, 4855, in PT 0049-0145 10-13. Mx at t/in, ID 0052 and not noted again till 10-18. (Field, MI)***Heard several nights here from 2330 or so f/in. Fair to good level. tba***R. Marajoara, 4955, in PT 0200; musical prgm, fairly good reception. (Field, MI)***R. Marumbi, 9675, in PT 0810+: ID 0830 and mx including religious selections. Interference from R. Nacional Amazonas, 9680. Unusual to find two Brazilians like this. (Field, MI)

CAMEROON R. Douala, 4795, in FR to 2303, then EG nx from Yaounde to 2307. 2308*. Vocal version of NA. Weak but no QRM. (Wilkins, CO 10-9)

CLANDESTINE R. Mambi, 7076, in SP 2358-0011; poor-fair, bad ARO QRM, some of it seemingly intentional. IDs as "Radio Mambi, la voz oficial de la Junta Patriotica Cubana..." Gave usual YV address for reports. (Ralphus, TX)

COSTA RICA R. Columbia, 4825, in SP 0335 10-11. Enormous sigs per tip from Jack Jones. Hrd w/ sports show, anct as "R. Columbia presenta "Mundo Deportiva." Hrd agsin next morning at 1027 suddenly on air in mid-song w/ W singing; evidently they run MW on longer sked and joined it w/ SW at 1030 nominal s/on. Morning show is Buenos Dias Campesinos, which the canned ID describes as "una programa de una hora para todos nuestros amigos que madragan en todo el pais. Para todos, muy buenos dias!" Boleros, mod pop instrumentals, and ads. Lengthy technical tips for "Senor Agricultor." Several stns listed on this net on MW. Wonder what QTH of SW stn is? (Ralphus, TX)---Same first noted 10-11 0355-0503* w/ "Panorama Deportivo" prgm, consisting of phone interviews w/ sports figures. Word1 series promos, "en directo, en R. Columbia." Think nightly but haven't been able to check so far. Heard to 0610* 10-16. Very strong. (Wilkins, CO)

ECUADOR Es. Radio Pop., 5015, in SP 0212; musical prgm w/ ads for Riobamba. Thought it was Moyobamba at first. (Field, MI)***R. Progreso, 5062a, in SP 0310 10-19 w/ best signals in a long time. (Field, MI)

GUATEMALA TGMIA, Guatemala City, 6090, in SP 1118 9-29 w/ segued marimba tunes to 1132 canned ID, "...desde Guatemala... banda de 49 metros, esta es TGMUA..." Into instrumentals. Reactivated. (Ralphus)

NICARAGUA R. Zinica, 6120, in SP 0510*; musical prgm to s/off. (Field, MI 10-17)

NIGERIA Lagos, 4932, in EG 0512-55 10-16 and following. ID as R. Nigeria Educational Service b/casting from Lagos and requesting reports to the General Manager. When noted on Sunday Morning, choral mx by presume childrens chorus. Also noted on 10-17 0507. Then opened w/ Afr mx in prgs and ID at 0532. Level generally poor so far. (Wilder Pickard, IL)---Same noted by tentative Benin City nightly since 10-14 0520-0620 fade out. Fair-poor w/ occasional UTE QRM. Hi-life mx, talks, talking drums IS to 0600 nx. Several R. Nigeria and b/casting from Lagos on 4.93 Mhz in the 60 mb' IDs. (Wilkins, CO)

PERU R. Bagua, 3310, in SP *1030 10-18. S/on w/ NA and many IDs by M&W. (Field, MI)+++ LV de la Selva, 4825, in SP noted w/ closing ID, NA to 0413*. Nothing uncovered by its departure, at least no Moquegua noted. (Ralphus)+++6271.9, R. Guyabamba (see below), tnx JCCodina, 9-28 0115-0225+ w/ very poor signals, unID that night. Tuned 10-1 0110 and stn already in w/ fair signals hitting full stride by 0200 through 0303* after NA. M anncr, prgm of sentimental ballads until final half hour when very recent US pop selections. Frequent tcs and occasional ID anncmt by M over tema folklorica de huyano variety. Now some

speculation: after consulting a Peruvian military map w/ considerable detail, can locate no small town of "Guayabamba" in the Provincia of Rodriguez de Mendoza. But the provincial capital is astride a tributary of the Huallaga, namely the Rio Huallabamba. Suggest that this may be the correct name because of its phonetic similarity. Will give it more work. (Ralphus, TX)+++R. Moderna de Moyobamba, 6364.1; very surprised to hear this one when tuning freq on a lark 1110 10-3. Codina, who found this originally said was on 1255 and after, which is too late in Nam. Huaynos by quenas, guitarras, charangos from t/in, prgm tentatively called "Alvorada Con ?". Lovely ID 1126 then 5-min ad string, boletines de noticias at half hour. Then 1135 into prgm of modern romantic ballads. Never very strong at all and UTE QRM too but workable signal. Also noted 10-6 at *1057 w/ NA, M w/ opening anncmt 1059 but then sig clobbered by UTE. (Ralphus, TX)+++R. Satellite, 6727, in SP 0340 w/ mx prgm and ID 0350. (Field, MI)+++R. Concordia, Arequipa, 9579.5, another new Peruvian tnx Codina. Noted 10-8 when freq unpiled at 0902; may just have signed on. Folkloric prgm w/ W anncr to 0930, taped reverb ID, ad string and some sort of nx show w/ M anncrs. T/out 1007 and when rechecked freq covered by RA. Signal poor/fair at best. Worse than many 60 mb OAs heard at this hour and QRM from Moscow too. (Ralphus, TX)

UGANDA R. Uganda, 5028, in EG 0400 w/ nx. (Field, MI)

VENEZUELA R. Mara, 3275, in SP 0033; mx prgm and ID 0058. (Field, MI)

More latin information from our special correspondent in Japan, Takayuki Inoue:

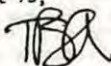
VENEZUELA R. Tachira, 4830, in SP *0800 fair in September. S/on w/ long NA and opening anncmt in EG/SP as follows: "This is Radio Tachira celebrating 200 years of the birthdate of the man who gave us freedom, Simon Bolivar. Stations YVOA, 1000 kHz medium wave for the metropolitan area and San Cristobal. YVOB, 4380 (sic) international band for Venezuela and all the world from San Cristobal...Tachira, in Venezuela, South America." Also, "En el ano bicentenario de nacimiento del Libertador, Simon Bolivar, transmite Radio Tachira. Estaciones: YVOA 1000 kHz onda media para zona metropolitana y San Cristobal. YVOB 4830 kHz banda internacional de 60 metros para Venezuela y el mundo desde San Cristobal, capital del Estado Tachira en Venezuela, America del Sur." Slogan is La popula, siempre alegre.

PERU R. La Voz de Huamanga, 6199.6, in SP *1800 (sometimes 1040) to 1140 f/out. Often IDs as "Radio La Voz de Huamanga, su radio." Folk mx and many ads. Often heard in late September.

New QTH: Pasaje el Nazareno 138, Ayacucho, Peru.

About all for this month. More good things to come! Stay tuned to UD and to your radio!

Best 73.



FOR SALE: Radio Shack PRO-22 portable hand-held scanner, six months old, no scrapes or scratches. Includes the following crystals: 155.205, 155.340, 42.28, 42.42, 460.50, 460.325, and 154.445/ Very compact and will scan six crystal-controlled channels in 30-50, 118-136, 144-174, 450-512 MHz bands in any combination. Includes flexible and telescopic antennas, ear phone and has excellent belt clip. Price \$75.00. I will pay UPS shipping and insurance. Cashiers check or money order, please. Kenny R. Johns, 50 Currie Avenue, Jackson, TN 38301. Phone (901) 423-2366 from 0130 to 0230 GMT. Not collect.



LOG REPORT

section A

2000 to 4899 kHz

Editor: Mike Nikolich, 2137 West Farwell Ave., Chicago, IL 60645

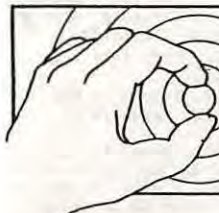
I'm swamped with logs this month! DX news this month includes Djibouti and the new Costa Rican on 4825 kHz. Grenada's just been invaded, and several DXers are reporting interesting reception of the U.S. invasion via the 15 and 20 meter ham bands, as well as via conventional SW broadcasters. I've even learned that a daytime-only MWR in Georgia was ordered by the local Civil Defense to broadcast the evening of October 25th to keep the community informed of the "war." Nothing like a little controversy to provide some interesting listening.

- *****
- 2310 CHINA, Yunnan PBS; CC, faint mx and tx in oriental lang. This one presumed (Moman, 9/6)
 - 2340 PAPUA NEW GUINEA, R. West New Britain; PD, Eagles, "New Kid in Town," OM, ID and TC at 1332 (Moman, 9/4)
 - 2475p CHINA, Zhejiang PBS; CC? faint tx in lang (Moman, 9/6)
 - 3205 PAPUA NEW GUINEA, R. West Sepik; 1118, PD, OM w/comments, probably mx at 1126 but max. fade made difficult copy (Bolland, 9/24); UNID at 1140 (Krause, 9/17)
 - 3215 INDONESIA, RRI/Manado; tent, 1123, cont. mx until fade (Bolland, 9/24); UNID 1100 w/YL (Krause, 9/11)
 - 3220 PAPUA NEW GUINEA, R. Morobe; 1150, EG, national px, //but weaker than 3385 (Krause, 9/11)
 - 3222 TOGO, R. Lama Kara; 2145, FR, anmts by OM and a station ID, vy strong 1vl as was Liberia on 3255 and 3230 -- best 90 meter opening to Africa I've heard in quite a while! (Barto); 2222, FR, concert mx, EZL mx, f/o 2256 (Enkenhus, 9/27)
 - 3222.8 INDONESIA, UNID; 1114, weak signal but definitely an Indo, //3215 (RRI/Manado), which was much stronger (Reinstein, 9/28)
 - 3225 VENEZUELA, R. Occidente; 0310, SP, OM into ID, lively pop solo by OM w/back-up mx by band (Jordan, 9/9); 0220, LA mx, OM w/ID, TCs (D'Angelo, 9/10)
 - 3230 SOUTH AFRICA, Radio RSA; 0340, EG, YL, pop mx, pretty good w/slight UTE QRM (Forsgren, 10/2); 0312, EG, "Good Morning Africa," at 0314, following nx (Pappas, D'Angelo)
 - 3250 BORNEO, RRI/Banjarmasin; 1052, IN, inst. mx, ID by YL hrd (Moore, 9/20)
 - 3250 HONDURAS, R. Luz y Vida; 0315, EG, relg px out of Grand Rapids, 1st time worked in EG, exc signal (Moore, HONDURAS 9/25)
 - 3250 SOUTH AFRICA, R. Five; 0357, EG/AF, string of ads for savings bank, jingle, ID, Elton John mx (D'Angelo, 9/17)
 - 3255 LIBERIA, LBS/Monrovia; 2150; EG, VoA "African Panorama," followed by ID, TC at 2208, DJ w/mx (Enkenhus 9/27); 2305, EG, OM w/world nx, 2313, drum IS (Bobb, 10/2)
 - 3255 VENEZUELA, LV de El Tigre; 0125, SP, LA mx, many IDs as "R. 980," ads and jingles (Alexander, 9/22); 0346-0359*, SP, nx items, s/off w/2 NAs (Pappas, 10/5)
 - 3260 NIGER, ORTN; 2151, FR w/nx by OM, ID at 2157, inst mx prior to 2159*, vy weak (Barto, 10/2)
 - 3265.3 INDONESIA, UNID at 1119, IN tx w/weak sig, no ID, presume either Gorontalo or Begkulu, but IDs are tough to come by down here in S. Florida (Reinstein 9/28)**My INDO isn't nearly as good as my Swahili, Steve. I know what you mean...
 - 3270 SOUTHWEST AFRICA, R. SW Africa; 0225, EG, long px of EZL mx, anmts every 15 min (Forsgren, 10/2)
 - 3275 PAPUA NEW GUINEA, R. Southern Highlands; 1034, PD/EG w/vocal selections and one ID at 1045 (Barto)
 - 3275 VENEZUELA, R. Mara; AA px from 2315 t/in, mostly txs about Lebanon, back into SP at 0010 (Berg, 9/18); 0345, SP, ID, into NA at 0350 (Lineback, 9/18); 0351* (Alexander, 9/17)+1
 - 3280 ECUADOR, La Voz del Napo; 1002, SP, tx by OM, some mx (Pate, 9/9); 1020-1030, SP w/vocal (Barto)

- 3285 BELIZE, R. Belize; 0310, EG, U.S. pop, ads, ID, into nx at 0330 (D'Angelo 9/17); 1131, EG wx forecast (Forsgren)+1
- 3286 ECUADOR, LV del Rio Tarqui; 1020, SP w/amnts, mentions of Cuenca at 1025 (Barto); 0835, vy nice sig, HC mx px already in progress, ID 0840 (Berg, 9/5); 0533, Andean-style mx, listener requests, many TCs, audio kind of muddy, but signal pretty fair, ID "en La Voz del Rio Tarqui..." (Sheedy 9/25)
- 3287v MADAGASCAR, R. Madagascar; 0301, FR/LL, OM w/tx, copied 'til 0305, tough copy after (Jordan 10/4); 0315, tent. w/hymns, nx, tent. ID at 0330 (Schachat)
- 3290 UNID; 0230, SP w/several vocals til 0300. No ID noted. Heavy UTE QRM (Barto 9/24)
- 3295 SOUTHWEST AFRICA, RSA; 0314, AK, EZL mx, some vocals, 0330, ID, into FR ballet by OM (D'Angelo 9/17)
- 3310.3 BOLIVIA, R. San Miguel; 0220, presumed w/up tempo LAm, lively OM, dominates channel (Krueger 9/18)
- 3315.4 BRAZIL, R. Assuncao; 0023, presumed the one w/futbol, breathless play-by-play OM and sirens erupting at each goal (Reinstein 9/29); 0050, many mentions of Fortaleza and VG sig, full ID w/FC at 0057, 0058* (Berg 9/11); 2200, PT w/ID, lots of txing in PT, several Brazilian cities mentioned (Barto 10/2)
- 3316 ECUADOR, R. Pastaza; 0305, SP, solos by 2 OM vocalists, ballad type tunes w/lite orch. back-up, OM w/ID at 0310 backed by accordian, full reverb IDs, too (Jordan 9/14)
- 3322.4 NORTH SOLOMONS, R. North Solomons; PG, 1155, YL w/island mx, not //3385 or 3220 (Krause 9/11)**Why would it be //? mln.
- 3324.6 ECUADOR, Ondas Quevedenas; 0850, SP, tx by OM, Andean mx, TCs, but no ID hrd, tent. (Alexander 9/25)
- 3325 GUATEMALA, R. Maya; 1125, SP, OM tx, LA mx, several Maya ID's (Meyer 9/9)
- 3335 PAPUA NEW GUINEA, R. East Sepik; 1136, EG w/YL in comments during full time frame (Bolland 9/24); 1115, island mx, OM (Krause 9/15)
- 3345 CUBA, R. Moscow Mayak Px; 0250, RS, OM into nx, lite upbeat mx bridge at 0255, hrd past 0415 (Jordan and Lineback 9/8)
- 3370 GUATEMALA, R. Tezulutan; SP, 1120, OM w/cont. tx, some soft mx (Krause 9/17); 1145, very slow speech by OM (Bobb 10/3); 0030, SP relg px (Jordan 10/1)
- 3375 BRAZIL, R. Nac. Sao Gabriel; 0903, PT, ID, FC, "Radiobras" mentioned, PT pops (Alexander 9/24); 0950, PT, pop mx, ID by OM at 1000 (Pate 9/9); 0920 (Bolland 9/20); 0205, PT, mx px w/ballads, full production promos in PT (Jordan, Valko)
- 3375t ECUADOR, R. Melodia; SP, lively LA mx, other Ecuador stns in as well, lcl power failure (batteries died) so missed ID, back at 0949 (Moman 9/6)
- 3381t INDONESIA, RRI Malang; 1150, few comments by OM, then RTTY slop at 1155 (Bolland 9/24)
- 3385 MALAYSIA, Miri/Sarawak; 0940, YL w/tx until 0943, brief mx interlude, poss. ID, faded by 0951 (Bolland 9/26)
- 3385 NEW BRITAIN, R. East New Britain; 1145, EG, topical px dealing w/work of gov't ministers (Krause 9/11); 1158, Jerry Jeff Walker mx, ID at 1200, ads and TC (Moman 9/6, Bolland 9/24)
- 3395 VENEZUELA, R. Universidad; 0615-0658*, SP, OM/YL, LA pops, TCs, ads and IDs, s/off w/NA (Alexander 9/25); 1001, SP, choral anthem (not NA), ID, fqys, etc, assume *1000 (Jones 9/22)
- 3396 UNID; OM tx in very weakly 1140, 1145 f/o (Krause 9/11)
- 3400 CHINA, Fujien Front Station; 1056, first time noted since last spring, CH opera and orch mx (Reinstein 9/28)
- 3905 NEW IRELAND, R. New Ireland; 1015, PD/EG, choral mx, island type vocals, tx by OM, ID 1029, ARO QRM (Barto 9/28)
- 3910 JAPAN, FEN; 1030, EG w/pop mx ("Pretty Woman" & "We'll Sing in the Sunshine") OM, ID 1031 (Barto 9/28)
- 3925 JAPAN, NSB; JP at 1000 w/lots of commentary, OM tx, some Japanese inst. mx (Barto 9/28)
- 3930 CAPE VERDE, R. Voz de Sao Vicente; 2137, PT w/ID and QTH at 2140, amnts by OM in PT (Barto 9/26)
- 3930 TRANSKEI, Capital Radio; 0416, EG, Michael Jackson mx, "Capital Radio" ID, contest winners anc'd (D'Angelo 9/17); 0403, EG, "Capital Countdown" pop mx px, cigarette ad, Charlie perfume ad, surfin' rpt., TCs (Alexander 9/17)
- 3958 FALKLAND ISLANDS, FIBS/Staley; 0922, EG, OM, comments and mx

- w/Nancy Sinatra's "Boots" song (Bolland 9/20); hrd almost daily as early as 0858 and as late as 1045 (Barto); 1011, EG "Breakfast Show" px w/Charlie, no BBC nx today, also hrd s/on at 1000 (Moman 9/5)
- 3960 CHINA, R. Beijing; JP w/tx by YL, 1030 (Barto)**Date???mln.
- 3970 CAMEROON, R. Buea; 2146-2206, FR, long Afro high-life songs, tx by OM, then more mx, ID at 2201 after IS played 3x, super opening today, included VoK/4934, Cameroon/4972, Sao Tome/4807, etc. (Valko 9/26); 2100, EG, nice and clear w/nx, also noted //4000, 4850, 4795 and 9745! (Barto 10/1)
- 3994 UNID, 1041-1051, several anmts by YL, couldn't determine lang, very weak (Barto 9/28)**Isn't USSR here at this time??? mln. Barto also noted UNID IN at 1041 on 9/26...
- 4000 CAMEROON, R. Bafoussam; *0427, IS, ID and freq in FR/EG, into Afro high-life, tx in Vern (Alexander 9/17); 2130, FR w/ID and tx by OM (Barto 9/26, Rigas 10/1)
- 4050 KIRGHIZ S.S.R., Frunze; 1130, lang, OM w/speech, 1200, Kremlin bells noted, weak (Bobb 9/26)
- 4699t INDONESIA, RRIP/Surabaya; 1058, IN w/inst mx, no ID hrd, followed by nx w/OM, CW QRM (Barto 9/17)
- 4719 CELEBES, RRI/Ujung Pandang; IN, 1105, YL w/presumed national nx, mentions of Indo towns (Krause, Lineback, Meyer)
- 4725 BURMA, BBS; 1100, in Burmese(?) w/nx, short piano piece and ID, weak (Barto 9/25)
- 4753 CELEBES, RRI/Ujung Pandang; 2145-2300 f/out nightly since 9/24 w/IN px of C&W, SCI, ID, nx, etc., 4719 also in (Krueger)
- 4755 BOLIVIA, R. Emisoras Bolivia; 0912, SP mx and comments, poss. ID (Bolland 9/16); 0944, inst., anmts & ID (Barto 10/2)
- 4755 BRAZIL, R. Dif Maranhao; 0915, PT, OM comment & mx (Bolland)
- 4755 PERU, R. Huanta; 1009-40, SP, mx and comments, 1034, TC as *5 y 34 minutos en R. Huanta." (Bolland 9/25)
- 4763 PERU, R. Inca de Peru; 0350, big ID as I tuned in, then anmts by OM and YL (Johnson 9/30)
- 4765 BRAZIL, R. Nal de Cruzeiro do Sul; 0905, PT, OM comments and mx plus ads (Bolland 9/16); 0359, singing IDs (Worob 9/30)
- 4765 CUBA, R. Moscow/Mayak px; RR, EZL & operatic mx (Konen 9/18)
- 4765 LIBERIA, ELWA; 0635, EG, relig tx, hymns, BBC nx (Pickard 9/30)
- 4770 NIGERIA, FRCN/Kaduna; 0435, soul & rock, TC, ID, OM (Lineback 9/25); 2300-0100* in EG (Schachat, Bolland, D'Angelo, Krist)
- 4770 VENEZUELA, R. Bolivar; 0010, SP, Dean Martin mx (Florian 9/23)
- 4775 PERU, R. Tarma; 0150, SP ad string for shops in Tarma, into light inst. mx, and even a partial EG ID! (Sheedy 9/26)
- 4780 DJIBOUTI, Rdif. TV Djibouti; *0258-0343, since 9/24 tip via B. Wilkner, OC, short small band NA, Somali or close OM into unaccompanied OM Koran recitals til 0311, then anmts followed by non-stop Somali-type mx from 0321 thru f/out (Krueger); noted lately now that La Voz de Carabobo is irregular w/ NA followed by short Swahili tx by OM, into Koran (Johnson 9/30); *0259, tnx to Saylor for tip, c/h #202 (Valko 9/28)**Congrats. 0304, Koran, vy weak 9/23 and 9/28 (Lare); tent. w/*0300, Koran, no Venez tonite (Alexander 10/1)**Nice logs, folks!
- 4780v VENEZUELA, La Voz de Carabobo; ID at 0350 by OM, into Latin pop mx, 0400* w/NA (Schachat 9/9)
- 4785v COLOMBIA, Ecos del Combien; 0919, SP, aside from the het, signal is OK w/comments and IDs, some mx (Bolland 9/16); 0650-0735, Super Net ID, mx (Alexander 9/24, Sharpe 10/2)+2
- 4789.2 IRIAN JAYA, RRI/Fak Fak; IN vocals, Beatles mx (Lineback 9/11)
- 4790 PERU, R. Atlantida; 0308-0359*, SP, ballads (Pickard 10/3); 0925, NA and ID, "Aqui transmite R. Atlantida..." (Bolland 9/16); 0205, SP, impassioned political speech by OM, reverb ID (Pappas)
- 4792 ECUADOR, Sis. Emisora Atalaya; 0230, SP, OM w/Andean trad. mx, ads and tent. IDs (Lausevich 9/17); 0435, SP, lively LA mx, followed by px of romantic ballads (Picard 10/8, Bobb 9/28)
- 4795 CAMEROON, R. Douala; 2237, FR, jazz mx to 2300, nx in EG to 2303, 2308* (Lare & Florian 9/22); 2245-2300*, FR, Afro high-life (Bolland 9/14, Rigas 10/1, Berg 9/11, Pate 9/30)+3
- 4795 ECUADOR, LV de los Caras; 0209, guitar and flute ballads, TCs after every song (McLemore 9/30)
- 4799.7 ECUADOR, R. Popular; 0650, SP, HC mx, TCs, ID, OM (Alexander 10/1); 0615, Andean mx (Pickard 9/30)
- 4800 UNID African; 0357, ads, YL tx in lang, mixed bag of highlife

- and EG pops, i.e. Laura Branagan & Commodores, not the format of Lesotho, awful early for Cameroon (Kruger 9/28)**Cameroon sounds like a good bet...unless Lesotho's gone Top 40. mln.
- 4800t INDIA, AIR/Hyderabad; first logging of the fall at 1412, noted w/OM in Hindu or similar lang, also suspect regionals on 4820 and 4920 (Moman 9/6)
- 4810 PERU, R. San Martin; 0957, SP w/group vocals, inst., some flute selections, ID at 0959 (Barto 9/25)
- 4820 ECUADOR, R. Paz y Bien; *0900, SP, tent, NA at 0904, tx, HC mx, but no ID, so tent (Alexander 10/1); 0928, OM relig tx about the "Regne de Dios" (Bolland 9/16)
- 4820 HONDURAS, HRVC; 0502, SP t/in to ID, s/off (Alexander 9/24); 0403, lite classical mx, EG px "Songs in the Night (Pickard)+4
- 4825 BRAZIL, R. Educadora Braganca; in middle of s/on anmt, calls & fgys at 0832 (Berg 9/5)
- 4825 COSTA RICA, R. Colombia; 0338-0423, first time I've heard this one. In-depth report on World Series. IDs as "Radio Colombia," at 0402. After ID, presented "El Mundo en Minuto" featuring the military responsibilities of Costa Rican citizens, and declarations made by Honduran gov't toward Nicaragua (Pappas 10/12); 1035, Several IDs, disco and pop mx, can't believe this is R. Mam (Jones, 10/9)
- 4825 GUATEMALA, R. Mam; 0240, SP, complete ID, mx and 0242* (Konen 9/21); 0215, 0235* (Lineback 9/22); 0050-0240* (Alexander 9/27, Jordan 9/17, Forsgren 9/23)
- 4825 MAURITANIA, RTVM; 0615, AR, no ID hrd, but possibly bcng off regular fqy (Florian 9/25)
- 4825 PERU, LV de la Selva; 0208, nice OA flutess, tx by OM, good occasionally, in fact best 60M signal save 4765/Mayak(Florian)
- 4830 VENEZUELA, R. Tachira; 0006, SP, ID followed by futbol promos, back to mx w/YL DJ (Bolland 9/25); canned ID at 0200, "Desde San Cristobal, transmite Radio Tachira..." (Pappas 9/19)+1
- 4835 BRAZIL, R. Nal.Boa Vista; 0932, OM w/comments, mentions of R. Bras. (Bolland 9/16)
- 4835 GUATEMALA, R. Tezulutlan; 0230, tx SP, carrier only at 0240 (Lineback 9/22); 1105, marching band mx (Krause 9/15)
- 4835 SOUTH AFRICA, SABC; 0400, EG, ID, OM tx on S. Africa's estuaries, agriculture (Stanely 9/19); 0211, live coverage of Dokes-Coetzee WBA fight from Ohio (Enkenhus 9/23)
- 4845 COLOMBIA, R. Bucaramanga; 0526, SP, ballads, frequent ID, ute QRM (Pickard 9/28); SP, frequent IDs (Konen 10/1); *0333, SP, s/on w/LA inst., anmts, IDs -- don't they have their sked backwards? (Alexander 10/1)**It's their SEA service, OM. mln.
- 4845 MALAYSIA, RM; tent. 1201, comments by OM, possible nx, signal better by 1214, f/o 1225 (Bolland 9/24)
- 4845 MOLUCCAS, RRI/Ambon; 1145-1300 IN, vy sexy-sounding YL w/EZL mx, Indo version of "I Did it My Way" (Meyer, Lineback)
- 4848 BOTSWANA, RB; *0355, EG/Sets, NA, MW ID and freqs, hymn and prayer, into gospel tune (Bobb 9/27)
- 4850 CAMEROON, R. Yaounde; FR, 2215, YL w/lite pop mx (Krause 9/17); 2301, EG, OM nx (Florian 9/22); 2300, EG/FR (D'Angelo)
- 4851 ECUADOR, R.Luz y Vida; 0418, SP, Ecuadorian pops (Pappas 10/5)
- 4853 YEMEN, R. San'a; 0307, AR, presumed w/chants (Moore 9/25)
- 4854.6 PERU, R. Pampas; 0940, SP w/vocals, mention of Tayacaja and long ID at 1002 (Barto 10/2)
- 4885.1 PERU, R. Huancavelica; 0945, SP w/Peruvian mx, flutes, etc, comments using reverb mike (Bolland 9/16); carrier on as early as 0930 on 10/3, inst mx 1012, anmts 1015, NA, a "Viva el Peru, Viva Huancavelica" (Berg); 1018, vocal selections by OM, ID at 1030 (Barto)
- 4890 ECUADOR, R. Centinela del Sur; 0305, OM into sonic speed play-by-play futbol (Jordan 9/16); 0215, SP, many mentions of Ecuador by two fast, fast talking OMs (D'Angelo 9/16)
- 4890 PAPUA NEW GUINEA, NBC/Pt. Moresby; 1025-1350, EG, EZL mx, some classical mx (Forsgren,Moman, D'Angelo, Hazeltine,Cobb,Krause)
- 4890 SENEGAL, RS; 0035, FR/Vern, chants, lcl Afro mx, Koran recitation, 2 IDs, NA to 0102* (Forsgren 9/17); 0705, nx in FR, then into lang, slight CW QRM (Summers 9/26)
- 4895 BRAZIL, R. Bare; 0150-0203, PT, SP pop vocal by male, big production ID, "R. Super Bare," electronic mx (Jordan 9/17)
- 4899.3 JAVA, RRI/Surakarta; 1259-1310, IN, IS, RRI nx (Lineback 9/11)



LOG REPORT

section B

4900 to 6199 kHz

Editor: Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173

- 4900 VENEZUELA R. Juventud, 0215 9-30, rock mx, TCs, VG with SSB QRM (McLemore).
- 4905 BRAZIL R. Araguaia, rapid talks, romantic ballads, echo IDs, to 0357* 9-9 (Jordan); 0815 9-24, relig.m, PT ballads, animal noises, several IDs 0830 (Alexander-PA).
- 4910 ZAMBIA Lusaka, 0409 9-25 with Afr mx, US pops, het but best sig in a while (Florian-IL).
- 4911 ECUADOR Em.Gran Colombia, futbol 0150 9-18, IDs, ads (Alexander-PA); nx by OM, ID, MoR mx, talk on Cuba, Reagan; ID 0330, poor overall, on 9-21 (Konen-WI).
- 4915 BRAZIL R. Anhanguera, 0013 9-23, rapid talk, electr.sounds, net // to 6000 and others (Florian-IL); 0803 9-24, PT, jingle ID, PT pops, ads (Alexander-PA).
- 4915 COLOMBIA Armonias de Caqueta, blasting in 9-17 1006 w/HJ mx, then NA, full ID, chimes (Reinstein-FL); ditto, good sig 9-16 (Bolland-FL); relig.prgm 0335 9-23 (Konen-WI).
- 4915 GHANA Accra at 0602-0611 on 10-3 with EG nx, ID 0609, poor sig, noise (Packard-IL).
- 4920 AUSTRALIA ABC-Brisbane, opera mx 1035 9-27, man anncr, ID, nx 1100; fair (Cobb-ME).
- 4920 ECUADOR R. Quito, 0155-0212 9-10, LA tunes, ID, Banco Nacl ad, 0200 nx (D'Angelo-PA); ID and fgy 0230 9-30, ads, HC nx, VG (McLemore); ID 0300 9-22, mx, clas.m, poor rcprn (Stanley-AZ); instrumentals 0345 9-18, TC, ads, ID, abrupt 0458* (Alexander-PA); guitar pieces 0352 9-30, Banco Popular ads, "LV de la Capital" IDs, good sig (Packard-IL).
- 4925 BRAZIL Rdf. Taubate, varied mx, IDs, jingles, electr.effects, 0150-0205 9-19 (Jordan).
- 4930 USSR Unid. in RS, 0230 9-25, fair sig, OM talking (Moore-HOND).
- 4935 PERU Tent. R. Tropical, SP mx 1005 9-17, possible ID 1009, fair-poor (Pate-MD).
- 4940 IVORY COAST Abidjan, jazz, occasional IDs, 2309-2325 9-22 (D'Angelo-PA); EG/FR mx 2314 9-11, nx 2355, NA to 0001* (Forsgren); good 2327-0002 9-21, off with NA (Bolland-FL); ballads, hi-life, talk, nx, ID, NA, 2328-2400 9-9 (Paszkiwicz); Afr mx, US pops, 2340 9-10, IDs, good sig, to 2400* (Lausevich).
- 4945 BRAZIL Rdf. Pocos de Caldas, tent. 0943-1019, two men talking, brief mx 0946, 1000 nx, "Radio Bras" mentioned, fades by 1020; under and slightly above Neiva, fair 9-20 (Bolland-FL).
- 4945 COLOMBIA Caracol Neiva, good 0440 10-4 w/LA ballads, limited chatter (Summers-PA); ID 0450 9-23, nx, poor in QRN (Stanley-AZ); tent. 1125 9-17 (Krause-MN).
- 4950 SARAWAK Kuching, 1125-1131 9-24, poor in lang with talk (Bolland-FL).
- 4955 BRAZIL R. Marajoara 2259 9-9, ID, mx, pips, more mx, M&W talking (Schachat).
- 4960 ECUADOR Tent. R. Federacion, varied mx 1110 10-2, NA, talk, flute; poor (Bobb-MN).
- 4965 BRAZIL Tent. R. Poti, echo ID 2310 9-9, talk, bit of mx, heavy ute QRM (Schachat).
- 4970 VENEZUELA R. Rumbos, 0132 9-18, nx with chimes, LA brass mx, ID by man, fair in QRN (Gilster); 0230 9-21, nx, chimes, ID 0241, ads, poor in QRN (Stanley-AZ); nx headlines 1000 9-13 (McKellar); "Musica Rumbos" 2212 9-10 (Forsgren).
- 4972 CAMEROON Yaounde, 2154-2212 9-26, hi-life mx, FR talk after 2200, ID 2210 by same anncr, brief mx, more talk; good sig (Valco).
- 4975 BRAZIL R. Timbira, talk and mx 0124 9-22, canned ID 0135, group "Timbira," poor (Bolland-FL).
- 4977 ECUADOR R. Tarqui, 1045 9-15, OM anncr, ballads, best 1040-1055, possible land-FL. ID 1055 (Krause-MN); *1100 with NA, "Good,Bad,Ugly" theme, nx, fair 9-22 (Florian-IL).
- 4980 SWAZILAND SCR, exotic mx at 0403 9-21, ID 0410, possibly nx 0415, IDs and talk by gal; poor sig overall, but interesting mx (Jordan).
- 4980 VENEZUELA Ecos del Torbes, LA mx 0103 9-12, numerous IDs, fair in QRN (Forsgren); end of nx 0117 9-18, LA rock song, nice guitar mx; fair-good (Gilster); LV del CID prgm 0124 9-9, CID ID, Antonio Maceo segment; back to Torbes, nx, jingles, pops (D'Angelo-PA).
- 4990 CHINA Changsha FBS, Hunan, CC talk 1205 9-25, mixing with the XV, fair (Moore-HOND).
- 4990 VENEZUELA R. Barquisimeto, spirited political speech 0105 10-1, mentioning R. Clarin, IDs mentioning several stns, into futbol 0120; political speech only also hrd on 4900 (Jordan); LA mx 0110 10-2, frequent IDs, good sig (Forsgren); vocals 0114 9-18, TCs, ballads, brief armts by OM (Gilster); ID 0305 10-1, disco, pops, good (Stanley-AZ).
- 4996 PERU R. Andina, 0505 9-25, OA mx, yipping, huaynos, talk, 0612* after NA (Alexander-PA); armts 0910 9-6, possible ID, lots of yipping over the mx; fair (Moman-ALB).
- 5015 PERU R. Moyobamba, 1037 9-24, flutes, OM, poor w/het (Konen-WI).Beware Esc.Populares (JE).
- 5020 ALBANIA Gjirokaster, Albanian 0452 10-1, folk mx, good, //5057 (Rigas-IL).
- 5020 SOLOMON ISLANDS Honiara, fair 1030 9-15, man talking, EZ lctng and island mx (Krause-MN); 1040-1100 9-30, IDs, TCs (often as SIBC), few dedications, island mx, strong this AM (Cobb-ME); 1055-1106 10-1, island mx, brief talk, ID, nx read by man (D'Angelo-PA); agn 9-11 at 1130* after s/off armts and NA, vy strong (Krause-MN).
- 5025 BRAZIL R. Borborema, mx 0032 9-25, ads, two men talking 0037, Tijuana Brass 0042, full ID 0105; poor (Bolland-FL); ID, pops, ads, 0045 9-25 (Alexander-PA); ID 0129 9-26, dreamy Br.m, fair but noisy (Bobb-MN); fair, final ID, 0259* 9-19 (Pappas-PA).
- 5030 PERU R. Los Andes, 0955-1007 9-25, DJ mx, talk, ad series 0956, many mentions of Huamachuco in both ads and talk; fair (Bolland-FL).

- 5035 CENTRAL.AFR.REP. Bangui, 2225-2301* 9-9, reggae and Afr hi-life mx, ID in FR, brief NA and off; strong (Reinstein-FL); jazz 2249 9-22, amnts, NA, 2259*, gud sig(Florian-IL).
- 5035 PERU R. Imagen, 1015-1030 with flute mx, instrumentals, mentions of Tarapoto, nice at start but faded by 1030; on 9-26, with Los Andes booming in same time (Barto-CT).
- 5040 COLOMBIA R. Cinco, upbeat EJ tunes at 0127 on 9-22, TC, ID by man anncr, fair sig (Pappas-PA); 0430 on 9-18 with LA vocals, amnts, IDs (Alexander-PA).
- 5045 BRAZIL R. Cultura do Para, Br. pops at 0117 9-22, canned ID at 0922, into more mx; fair-good (Pappas-PA); "River Kwai" theme 0233 9-21, ads, reverb mike, mixture of rock and ballads, weak sig (Florian-IL).
- 5050 COLOMBIA LV de Yopal, 2347 on 9-24, ranchera mx, Todelar ID at 2355, Yopal ID 2400, poor, and less ute QRM on weekends (Moore-HOND); 2355-0010 with SP amnts, ID, mention of Cali, vocals, het near fqy at times (Barto-CT); fairly good 10-2, lively mx prgm at 0000, ads, several promos, one ID with MW call and fqy; off 0102* after NA, no amnt(JB).
- 5050 ECUADOR R. Jesus del Gran Poder, good 9-6 at 1017, religious prgm, man anncr, two clear IDs with fqys hrd later at 1112 (Moman-ALB).
- 5055 COSTA RICA TIFC, SP talk, vocal mx, 1052-1117 10-1, also TC, prayer, ID, good sig (Bobb-MN); into EG at 0259 9-17, fairy tale, man with sermon, several "Lighthouse of the Carribean" IDs, fair (Enkenhus); TC 0235 9-30, relig. mx, ute QRM (McLemore).
- 5055 FRENCH GUIANA Cayenne 0108-0112* 9-22, end of nx and sports with male anncr, ID and closing amnts by gal, LM, IS, then off; fair with TIFC QRM (Pappas-PA).
- 5075 COLOMBIA R. Sutatenza, 0135 9-26, clas. mx, VG, genly hrd on 5095 at this hr(Rigas-IL).
- 5095 COLOMBIA R. Sutatenza, 0155 10-3, ID 0200 and thereafter, M&W, flute mx (Stanley-AZ).
- 5096 PAKISTAN Presumed PBC, 1422 9-6, fair, man talking, best on USB due to CW(Moman-ALB).
- 5106 CLANDESTINE LV del CID, gal hosting US pop mx prgm at 0101 on 9-22, ID in passing, good sig (Pappas-PA); good with ID at 0243 tune-in, talk by M&W, SP pops, still here at 0341 tune-by; 9-24 (Alexander-PA).
- 5112 PERU R. Eco, "Panorama de R. Eco" mx prgm at 0956 9-24, good mx selections, frequent IDs (Konen-WI); 0133-0208 9-21, ads, ID, TC, LA pops, some OA-style mx (Alexander-PA); 0306-0310 9-10, man with ID and sporting event, shouting in the background, poor in hvy QRM (Bobb-MN); sports play-by-play at 0402 with male anncr, 10-5 (Pappas-PA).
- 5170 CHINA PLA stn, clas. CH mx 1100 9-16, no nx or ID 1100; fair sig (Krause-MN).
- 5199 UNID. Fqy varying, 1055-1115 with Koran-type mx, vly weak 9-25; no ideas (Barto-CT).
- 5240 UNID. CH stn 1130 9-17, gal talking (Krause-MN). Probably PLA (JB).
- 5265 CHINA PLA, 1056-1107 9-25, "Beautiful Dreamer" instrumental mx, ID by gal, into talk; //5900, 5240 and 6765 (Barto-CT).
- 5290 USSR Krasnoyarsk, 0024-0050 10-3, usual RS format of M&W alternating, pop mx, dull piano instrumentals; weak, notch a must to avoid ute splatter (Reinstein-FL).
- 5360 PERU R. Vision, nightly 2330-0100 with weak to nearly armchair copy, wish other OOB's were as good; best 9-24 at 0000 (Barto-CT); nifty, varied mx prgm 0116-0150 9-26, full IDs, mensajes, listener greetings, fair-good; in Tarapoto? (Sheedy). No, in Juanji, but both J. and Tarapoto located in San Martin Dept.-JB. LA pops 0230 9-17, US pops, ads, ID, s/off amnts, NA to 0401* (Alexander-PA); ranchera mx 1040 9-16, ID and TC at 1045, then more LA mx with Cuban tempo; fair sig (Jones-MS).
- 5451 W. IRIAN RRI-Biak, vly weak at 1040-1112 9-17, instr., ID at 1100 (Barto-CT).
- 5617 PERU R. Ilucan (not Yucan), 1120 9-25, ID, TC, some OA mx, local amnts (Moore-HOND).
- 5770 CHINA PLA, 1125 9-25, fair with gal in CH, mx on half hr, also hrd on 4380 (poor), 5170 (fair), 6400 (poor), 7025 (poor), 7280 (poor) (Bolland-FL).
- 5850 CLANDESTINE R. Venceremos, 0103-0110* 10-9 with political talk, multiple IDs by M&W, then off; repeated same prgm on 5844 until 0345*, same date (Ravenhorst-MN).
- 5900 CHINA PLA, 1155 9-11, man speaking, then CH classical mx; good sig (Krause-MN).
- 5930 CZECHOSLAVAKIA Prague, 0145-0157* 9-29, letters, mx, ID, fair sig, //7345, 9540, 9630, 9740, 11990 and 11970; rebroadcast at 0300 (Dillon).
- 5945 AUSTRIA Vienna, 0130 on 9-27, IS, ID, world nx, wx, class. mx, Austrian nx, poor in hvy QRM (Stanley-AZ); 0130-0155, EG with "Austria Calling," "Rpt from Austria," prgm on the UN, good sig (Krist-VA); prgm on Vienna nightlife, 9-4 0146 (Moman-ALB); 0330-0356* 9-24, nx, UN cmtry, etc (Dillon-PA); features, mx, 0346-0351 9-7 (Gaffin); EG ending at 0455 10-1 with Blue Danube IS, IDs, //9770; good (Konen-WI).
- 5950 NICARAGUA Voice of Nicaragua being widely noted. Visa instructions, local mx, EG, 0110 9-27, good with het (McLemore); "Contact" mailbag 0115 9-23, LA mx, IDs, talk abt QSL-cards, TC, nx, excerpts from UN speeches, IDs as "Voice of Nic, Free Voice of America" (D'Angelo-PA); 0144 9-4, ID and nx; 0416 9-5 with repeat of previous night's mailbag (Moman-ALB); in EG from 0404 9-16, nx, "History In the Making" prgm, ID 0424, good sig (Stanley-AZ); EG prgm 0400-0459 9-25, nx, SP mx, TCs, etc. (Dillon-PA); prgm on CIA defeat in Nic, 0440 9-5 (Jones); and in SP 1123-1137 9-17, ID, LA mx(D'Angelo-PA).
- 5955 COLOMBIA Unid. EJ with "Buenos Dias, Colombia" prgm 1005 9-6, mentions of Caracol, Banko Comml ads but no IDs hrd (Moman-ALB). Centaurus, no? JB.
- 5960 CANADA RCI, EG hrd 2301 (Gaffin), 0012 (Krist-VA), 0200 (Stanley-AZ, David).
- 5960 W. GERMANY DW, EG 0500-0550, ID, nx, "Hit Parade" prgm, good sig 9-25 (Dillon-PA).
- 5965 MALAYSIA Kuala Lumpur, 1135 9-25, Malaysian mx, talk by gal, //9515, poor (Bolland-FL); in vernac and EG 1145-1205 9-28, talk, nx, ID 1158, tropical mx, comml 1201;VP(Lausevich);
- 5970 PERU R. El Sol 1018-1036 10-2, TCs, IDs which I couldn't read, flutes, vocals, mentions of Lima; vly strong, amnts by gal (Barto-CT). They are rptd back on--JB.
- 5975 COLOMBIA R. Macarena, vly strong 1004 10-1, ID, LA mx, ads, TCs (Alexander-PA).
- 5975 ENGLAND BBC, concert 0330 9-29 (Dillon-PA); talk abt dreams 0334 9-7, also mx 0340 on 10-2, bad sig for BBC (Gaffin-NY).

5980 COLOMBIA R. Nacional, ending NA and giving s/on armt, 0944 9-19, anncng 5985 (JE).

5980 SIERRA LEONE Freetown, EG nx 2200 9-24, IDs by man, hi-life mx, fair sig with some BEC QRM (Cobb-ME); local EG nx, ID, fair 2250-2300 9-20 (Bobb-MN); guitar mx 2300 9-25, ID, TC, relig. prgm, NA to 0005*, BEC and WYFR QRM (Paszkiwicz); 0715 on 9-11, relig. mx, then clas. mx to 0750 fade-out (Konen-WI); public armts of funerals, church svcs and Freetown social events 0730 10-1, man in lang after 0804; fair (Enkenhus).

5980 SOUTH AFRICA R. RSA, 0200 9-16, IS, ID, gal with nx, ID 0205, "Spotlight" prgm, TC, rpt on US-RSA relations; good, all EG (Stanley-AZ).

5980 USA KGEI-San Francisco, 1330 in RS, 9-19, gal with ID, man with talk, mx (Bobb-MN).

5985 USA WYFR-Okeechobee, VoFC prgm, 0100-0200 9-30 in EG, ID, nx, cmtry on Hong Kong, "Journey to CH Culture," mx, CH lessons, good sig (Dillon-PA).

5985 UZBEK SSR R. Tashkent, *1200-1228* 10-8, prgm on life of Uzbek farm youth, Usbek mx (love it!); exc sig; 11785 slightly weaker, 9600/9540 bad or covered (Meyer-WI).

5990 ROMANIA Bucharest, VG with EG ID, nx, "What If," "Sunday Studio," ltrs, 0200 10-3

5995 USA VOA, EG, "Living Earth" 0048 9-17, Special EG, nx, "Rpt to the Americas" (Krist-VA). (Krist-VA); ID 0115 9-23 (Trotto); EG "Bateline" nx prgm 0230 9-8 (Jones); "VOA Jazz Hr" 0310-0400 9-21, nx summary (Bonnet-IN); EG nx 0355 10-2 (Gaffin-NY).

6000 BRAZIL R. Inconfidencia, good C745-0805 10-1, pops, ads, IDs, OM DJ (Alexander-PA).

6005 CANADA CFCX-Montreal, 0606 9-15, sports, educ talk, "Nite Talk" call-in (Fields-IL).

6005 S. YEMEN Aden, VG nightly since 9-28, 0330-0355, AR mx, IDs, BECed 0354 (Krueger-FL).

6009 LIBYA? R. Bardai, from 1917 10-15, FR and AR, mostly talking, some N.Afr mx, a little drumming. FR/AR ID 2021, "Huna Bardai . . . Rdif. Nat. Tchadienne . . . salam aleikem . . . Ici Bardai, RNT, la voix de la revolution." Anthem to 2024*. Said to be Libya xmtr (JE).

6010 BRAZIL R. Aparecida, vy clear copy 9-26 0855-0910 s/on, armts, ID (Barto-CT).

6010 PERU R. America, fair 9-23 with romantic mx, ID, 1043-1048 (Moore-HOND); pushing up thru fast-fading YV at 1101 9-15, ID and noticias, probably *1100 (Jones-MS).

6010 VENEZUELA R. 1040, fair with slight het at 1015 10-1, LA mx, US pops, armts, IDs, ads (Alexander-PA); "R. Los Andes-1040" ID 1035 9-15, usual YV mx (Jones-MS).

6015 VATICAN Vatican R, FR 0044, IS, ID, into EG prgm on Vat history, to 0053 9-27 (Furdum); good with "The Vat Centuries" 0050 9-27 (Dillon-PA); ending nx 0108 9-26, ID, IS, into SP at 0115, good sig (Galater).

6020 BRAZIL R. Universo, full ID 0656 10-8, fqys, TC, stn jingle 0700, fair, in the clr/

6020 NETH. ANTILLES RN-Bonaire, talk, folk mx, Dutch IDs, 1020-1032 9-29 (Bobb-MN) (Pappas-PA).

6021 PERU R. Victoria, ID 1041 9-23, then Andean mx, fair-good (Moore-HOND); Beethoven theme mx 1051 9-15, NA, ID by man, theme agn, just able to get ID from under USSR bells on 6020 (Jones-MS); tent. them, 1038 9-17, CA mx, talk, then swallowed by QRM (Bolland-FL).

6025 BOLIVIA R. Illimani, 2319 9-20, talk on SA liberators, ID 2325, good (Moore-HOND).

6025 NIGERIA FRCN-Enugu, man talking and rather jerky rhythmic mx 2245, time pips, ID and nx 2300, pledge, NA, 2304*, fair in QRN 10-3 (Bobb-MN); EZ lting mx 2255 9-25, pips on hr, nx, ID, 2305* (Ravenhorst-MN).

6030 CANADA CFVP-Calgary, 0803 9-6, mx, wx, nx, ID, poor but QSL rcvd (Cobb-ME).

6030 USA AFRS, baseball 0113 9-17 (Krist-VA); ditto 0200-0240 9-18 (Gaffin-NY).

6035 BRAZIL R. Globo, ad string 2326 9-20, TC, ID, fair signal (Moore-HOND).

6040 ANTIGUA DW relay, EG nx 0100 9-15, "Mike on Eur" (Foregn); IS 0100, ID, world nx, "Focus on Bonn," prgm on Steiny in America; good sig 9-18 (Stanley-AZ).

6045 AUSTRALIA RA, *0758 9-25, IS, nx, "Spectrum" 0810, //1290 USY feeder (Alexander-PA).

6050 NIGERIA FRCN-Ibadan, man with EG ID, talk, Afr mx, 2200-2215 10-1, poor (Bobb-MN); relig. prgm 2257 9-18, pips 2300, ID, nx, to 2307* (Lare-IX).

6055 FRANCE RFI, FR talk 0147 9-12, reggae, hi-life, nx, ID (Paszkiwicz).

6055 JAPAN Tent. NSB, vy weak, 1155-1207 10-2, pops, M&W talking, pips, peble ID (Florian-IL).

6060 ARGENTINA R. Nacional, nx, ID, tangos, 0645 10-1 (Alexander-PA); presumed then 2332 9-20 with local nx, good (Moore-HOND); 0000 9-14, pips, EG RAF ID, into SP (Johnson-TX).

6060 AUSTRALIA RA, 1351-1410, fair with ID and pops, nx 1400 (Bobb-MN); 1600 9-25 with ID, world rx

6065 SINGAPORE SWL/DX prgm, lost to QRM at 1625, poor overall (Stanley-AZ).

6065 BEC FES, 1205 9-10, poetry prgm, into another lang 1214 (Jones).

6065 SOUTH AFRICA R. RSA, PT 2220-2236 10-2, gal with pops, ID, nx, fair-poor (Bobb-MN).

6070 CANADA CFRX-Toronto, nx 1131 9-24 (Moore-HOND); fair-good 1214 9-17, TCs, ads, CFRX ID at 1220 (K.Lemore); DJ with pops 1340 9-10, ads, wx, CFRX ID 1400, then nx (Enkenhus).

6070 ECUADOR HCJE, man with Quechua ID 1029, solemn song, talk, hymns, fair-good (Bobb-MN).

6075 CHINA Beijing? 1054-1056*, *1100-1114+ on 9-14, all alone on channel, 1100 s/on with "East is Red," into talk, seemingly CH or dialect. New, or off fqy? (Reinstein-FL).

6080 CHILE R. Patagonia Chilena, 1050-1110 9-17, mx, talk, full ID 1101, poor (Bolland-FL).

6082 BOLIVIA R. 21 de Diciembre, *0958-1010 carrier on, Andean instrumental, SP ID, more mx, another ID 1005; fair 9-16 (Krueger-FL); thought them in poor rcprn 1005-1030 9-15, definitely IDed 9-16, *0959, piano mx, pause, ID by gal 1003, another by man 1005, into prgm of campo mx (Jones-MS); unid. *0958 9-15, mx, talk, vy weak (Bolland-FL).

6085 ANTIGUA DW relay, EG 0100 9-22, IS, ID, nx, "Mike on Eur," a little QRN (Stanley-AZ).

6085 COLOMBIA Ondas del Darien, *1005 9-16, NA, ID, calls, fqys, into campo mx (Jones-MS).

6089 NIGERIA FRCN-Kaduna, in Hausa 2325 9-24, man with ID, Afr mx, drums, reed instrumentals, vocalizing, local nx 2330, fair-good with het (Bobb-MN).

6090 GUATEMALA TGMUE, missed armt 1101, pops to 1131, ID, then "La Voz de Esperanza" religious prgm; rushing noise QRM and bad modulation were no help; poor 9-30 (Jones-MS).

6090 LIBERIA ELBC, ads 0757 9-19, Freedy batteries, ID as "This is ELEC, the radio svc of the Liberian Broadcasting Svc" (Fields-IL).

- 6095 COLOMBIA LV del Centro hrd for 1st time in long while, 1002 tune-in 10-16, quite good with HJ mx, TCs and stn promos between songs. CC speaker on fgy became stronger and took over arnd 1045; not there on checks on couple of subsequent days (JE).
- 6095 ECUADOR HCJE, EG 0630-0659 9-13, DXPL, RAI IS, "Thought" (Krist-VA).
- 6096 PERU R. Nacional, vy strong 1049 9-14, several IDs, also mentioned "R. Lima Impacto deportivo" (Reinstein-FL); 6098, 0250 9-24, nx, IDs, TCs, squeezed between Poland-6095 and DW/YVTO 6100; poor (Moore-HOND).
- 6100 VENEZUELA YVTO time sigger, pips 0055, ID armts, fair sig (Forsgren).
- 6105 MEXICO Su Pantera, 1143 10-1, fair with full ID for AM and SW, then talk (Rigas-IL).
- 6106 BOLIVIA B. Panamericana, weak at *1029 10-1, IS at tune-in, opening armts, pops, ballads (Alexander-PA).
- 6110 MALTA R. Mediterraneo, EG talk by gal, nightclub piano mx in background; gave ID, mkeg, QTH, fgy, nx 2255, to 2300 9-30 (Jordan).
- 6115 COLOMBIA LV del Llano, nx 0302 9-20, economic rpt, ads, more nx, weather, jingle ID, excerpts from speeches, fair sig (D'Angelo-PA); nice mx, ID, TC, 0355-0401 9-21, exc sig (Lineback-TX); rapid talking 1119 9-2, ID 1125 (Jones).
- 6120 ARGENTINA Ex-R. El Mundo now carrying R. Nacional prgmg, 0930 10-1, //to and better than 0606 (JE); LRA ID 1006 10-2, //6060, fair sig (Jones-MS).
- 6120+ NICARAGUA R. Zinica, 0400 9-19, crude break-in to mx with ID, armts, revolutionary statements, romantic vocals to 0420, exc signal (Lineback-TX); 0413 9-16, romantic vocals, mx interlude before man spoke, ID hrd, fair sig (Konen-WI); at 1100-1135 on 10-2, M&W anncr with IDs between songs, fair-good reception (Cobb-ME).
- 6126 COLOMBIA R. Super de Cali, 0600-0625 9-12, man with nx and interviews to 0615, big intro to LA mx prgm, promos, TC, ID 0623, poor-very poor (Jordan).
- 6129 VENEZUELA R. Valles del Tuy, 2215-2226* 9-12, fairly good with YV mx and ad string for Maracay and Santa Lucia del Sur; pulled the plug in mid-song (Reinstein-FL).
- 6130 CANADA CHNX-Halifax, DJ with pop mx 2134-2202 9-19, ads, wx, CHNS ID, nx (Enkenhus); 2245-2305 9-30, GM anncr with pops, wx report, weak and fady (Bobb-MN).
- 6130 ECUADOR HCJE over CHXJ 1030-1100 9-29, letters, mx, Bible readings, fair (Dillon-PA).
- 6135 BRAZIL R. Gaucha, 0951-1000 9-15, talk, mentions of R. Bras, very weak; mx (Bolland-FL).
- 6135 SWITZERLAND SRI, 0145 9-26, IS, ID, time pips, "Dateline," world nx, Swiss nx, QRM from VOA-6130 (Stanley-AZ); 0145-0215 9-24, nx, ID, good sig (Dillon-PA); 0150-0215 9-28, armts, Kenya elections, Swiss nx, sports, mx (Bonnet-IB).
- 6140 AUSTRALIA ABC-Perth, 1043-1115 10-4, man anncr, pop mx, ABC ID and TC at 1100, RA nx thereafter; fair rcpn (Cobb-ME).
- 6140 UNID. SP stn 1117-1126 9-24, Andean mx but sig really useless (Moore-HOND).
- 6145 W.GERMANY DW, German lessons 0100 9-24, new lessons to begin 11-19 (Blanchette-FL); 0100 9-23, IS, ID, world nx, "Press Review," "Germany Today," "Spotlight on Modern Life," fair sig (Stanley-AZ); nx from German press at 0120 9-28, prgm on wine (Gilster).
- 6150 AUSTRALIA ABC-Melbourne, "Jazz Till Midnight," 1220 on 9-29 (Hazeltine).
- 6150 COSTA RICA R. Impacto, 0402 9-5, clear ID with fgy, into SP pops (Moman-ALE); LA and US pop mx with man DJ 0710-0730, fair sig 9-28 (McKellar); 1109 on 9-24 talking about R. 15 de Septiembre, Sandinistas, other C.A. topics, also ID (Konen-WI).
- 6155 ROMANIA Bucharest, EG nx 0415, ID, commentary, good 9-29 in some QRM (Summers-PA).
- 6160 CANADA CKZN-St. John's, 1109-1123 9-9, nx, many local items, cntry on Korean airline incident, "CBC Radio" ID, TC 1119, into wx report; poor overall (D'Angelo-PA).
- 6160 COLOMBIA Emisora Nueva Granada, ballads 1158 on 9-30, M&W in informal talking, ads, fair-good signal (McLemore).
- 6165 NETH. ANTILLES RN-Bonaire, *0229 9-16, "Newline" current affairs prgm, "Media Network" (Krist-VA); 0230 9-16, IS, ID, etc. (Stanley-AZ); "Happy Station" prgm at 0245-0300 on 9-12, good sig, all EG, Tom Meyer (McKellar).
- 6170 ALASKA KNLS-Anchorage Point, 1124 10-1, in CE and EG, classical mx, IDs by M&W, EG prgm 1230 for learning EG; poor (Konen-WI); *1200 9-17, s/on armts, into non-stop classical piano mx (Krause-MK); in CH 1220-1231 9-13, man with orchestra mx, ID 1230 (Bobb-MN); "Without Any Doubt" sermon in CE to 1257 10-8, then ID, address, relig. prgm (Ravenhorst-PA).
- 6175 ENGLAND BBC, nx and "The World Today" at 0300-0330 9-24, on world finar.sys (Dillon-PA).
- 6180 CYPRUS BBC relay, 2306 9-24, world nx in EG, //6175, 6195 (Moore-HOND).
- 6180 ENGLAND Tent. VOA relay here, IS and RS ID 0112 9-26, RS talk, fair (Bobb-MN).
- 6185 USA WRNO-New Orleans, ID 0425 as "WRNO FM rocks America," coke ad, songs, GH's "World of Radio" 0430 9-17 (Krist-VA); rock mx 0426 9-24, WOr 0429, VG w/Vat QRM (McLemore).
- 6189 PERU R. Oriente, *1028 9-26, NA, s/on IDs, short instrumental pieces, very nice lstrg level (Barto-CT); LA pops at 1042, man cutting in in mid-song with IDs, fair (Konen-WI).
- 6190 W.GERMANY Sender Freies Berlin (via R. Bremen), 2213-2305 9-26, late night concert prgm featuring classical piano and violin concertos. Brief armts re mx selections by man between cuts; GM nx by man at 2300; fair sig on a clear channel (Reinstein-FL).
- 6200 ALBANIA R. Tirana, 0330-0359* 9-25, nx, ID, items about Albania, mx, "Review of the Week," fair to good signal (Dillon-PA).
- 6200- PERU LV de Huamanga, presumed the one here per Codina rpts, 1033 on 10-4 with OA campo mx, flutes, yipping, almost oriental sounding, many TCs, did not get ID; on 10-5 no NA at *1030, good sig but intense line noise at 1029 prevented ID (Jones-MS); this one presumed 1037-1055 9-28, weak, OA mx, intermittent xmtr problems (Reinstein-FL); also here at *1030v, but far gone by 1045, and little talking (JE).

+++ Couple of other items: 4922--NIGERIA New "Educational Svc" of R. Nigeria, 2049 10-15, IDs, asking for rpts to Gen Mgr, Educ Svc, RK, Lagos; Natl Svc EG nx 2100-2120, then back to this svc to 2137*; powerful, prob. no longer at Benin (JE). 4922--PERU Ondas del Titicaca, *0938 10-14, prgm started 0958; weak (JE). 5895--BELGIUM. BRT 2130-2230 (JE). 73!



LOG REPORT

section C

6200 to 11699 kHz

Editor: David L. Walcutt, 211 West 56th, Apt. 36-F, New York, NY 10019

Welcome back, you say? The post office took two weeks to get the material to me from the DE last month; hence, no column. I have prepared a one page summary of "juicy items" from last month, which I will send to anyone requesting it, at the above address. Now forward...

- 6210 CLAND. LV de Sandino/LV de Nicaragua Libre; 0103-0109* EG, tlk against Managua regime, dual ID's, gunfire and off (Gilster 9/28, Alexander 9/28); 0411-0445+ (variable sign/off times) SP, martial mx etc. (Ravenhorst 10/9), Florian 9/25); 1150 SP, fair w/ID and talk by M about Central America (Rigas 10/1). Ex-6220.
- 6210 PIR. "KPRC"; 0439+, pirate Ed Armstrong talking to guest who spent summer in Europe inc. London, Amsterdam; //1510 (D'Angelo 9/10).
- 6225 PIR. R. Paradise Int'l; relatively frequent visitor (Florian 9/25)
- 6239.5 INT. WATERS V. of Peace; 2353-0120, best signal yet but still tough copy; British-accented M DJ w/variety of pop rock tunes (Reinstein 9/24-25); unid. 0010-0020, pop mx (Alexander 10/3).
- 6240 PIR. V. Tomorrow; 0126-0155, with results of their June test; had "V.O.T. Mailbag" pgm & stuff like in June (Ravenhorst 10/10).
- 6250 EQ. GUINEA R. Nacional de Guinea Ecuatorial; 0507 SP, Afr. & US pops, chimes & ID at 0512, drums & nx at 0526 (Florian 9/25); 0520 SP, R&R mx "Gloria", ment. Malabo between songs (Ravenhorst 9/20); 1915-1945 in SP w/ what sounded like recitations between two men; nice local vocals other times; strong (Barto-CT 9/??).
- 6250 VATICAN VR; 0630 Latin, IS once, Latin ID, pgm intro in EG, into Mass in Latin; good signals (Pappas-PA 10/8).
- 6270 PERU Radio Guayabamba; 2330-0300+ SP, regular here now evenings with variety mx styles; always poor with ute QRM (Moore-Honduras).
- 6280 PIR. "KPRC"; 0357-0545 EG, long talks w/callers (Ravenhorst 10/10)
- 6364 PERU Radio Moderna; *1100-1120 SP, looong NA, hit Andean mx, s/on ID, into Andean mx, ID's and TC's (Moore-Honduras 9/25).
- 6510 UNID 0250-0258 SP, vocals, ID?, anthem and s/off (Barto 9/9).
- 6521 UNID 0100-0117 SP, several anmts, 2 vocal selections (Barto 9/26).
- 6550 LEBANON V. of Lebanon; 0406 AR, being heard once again with Bridge Over the River Kwai IS to 0409, instrumental version of the same, Lebanese anthem, apparent nx by W to 0415 (Pappas 10/10).
- 6550.4 ECUADOR LV de la Juventud (T); 0458-0630, "hard core" HC instrumentals and ballads, none segued, throughout entire period at good level; reported by Codina here, and earlier on 6522 in Aug. LN by Barrera; not heard since (Krueger 9/11). Unid. 0335-0400, non-stop HC ballads & instrumentals; no talk at all; strong at tune-in but QRM from Lebanon w/Col Bogey IS at 0400 (Reinstein 9/11). No doubt one or both of Sams unids. above is this -ed.
- 6725 PERU R. Satellite; 0240-0300 SP, vocals & ID's (Barto-CT 9/9).
- 6755vv CLAND. R. Venceremos; 0038-0243 SP, brief mx spots, ID, chorus singing "Venceremos" (Gilster 9/28, Jones-TX 9/28). Fgy. jumps.
- 6790 SOMALIA R. Mogadishu; 0300 s/on in unid, lang., ment. Somalia by M (Moman-Alberta 9/5); 0303-0335 Somali, NA at 0303, into traditional mx pgm (Lausevich 9/17); 1930-1950 Somali, exc (Barto 9/30).
- 6807v CLAND. R. Venceremos; 0030-0050* SP, martial mx (Florian 9/23).
- 6827v R. Venceremos; 0345, jammer was underneath (Rigas-IL 9/25).
- 6850.0 CLAND. R. Frie Suriname; *0100-0130* DT, "Dit is R. Frie Suriname" appears anti-gov't; tlk & mx bridges, short anmts in Sranan Tongo w/"Programa R. ? Suriname"; v. good; from Guyana or Grenada? (Kruger 10/4 & 10/5). 0107-0127* DT, quite strong despite woodpecker QRM, M in presumed Sran Tongo at tune-in; brief pop mx, drum & percussion to ID at 0113; monologue in DT (Reinstein 9/29).
- 6910 IRELAND R. Dublin Int'l; 0234 EG, rock mx, two DJ's (D'Angelo 9/29); 0312 EG, "Mystery Artist" contest, ID (McLemore 9/25).

- 6930v CLAND; R. Farabundo Marti; 0100-0140 SP, ballad, s/on ID, drums & machine guns; anti-Reagan cmntry; jumps to 6940, 6920; if is in Chalatenango Dept. as claims is about 80 miles away (Moore 8/31).
- 7000v R. 15 de Septiembre; 0244-0345 SP, speeches, martial mx, "R. Libre Managua"; anti-Castro (3 reporters); 1135-1158 SP, "pep talk" and martial mx (Jones-TX 9/10, Konen-WI 9/24). Some ID confusions.
- 7050 CHINA Central People's Broadcasting Station; 0014-0030+, minority languages pgm, tlk by W in unid. lang. & Mongolian style mx; East is Red IS 0030 & into presumed Uighur; fair (Reinstein-FL 9/26).
- 7076 CLAND. R. Mambi; 0004-0008* IDing as usual as LV de la Junta Patriótica Cubana, cracked audio & hugh FM spur 7593; sporadically active despite the recent bust of Alpha 66 by the FCC (Reinstein).
- 7110 ETHIOPIA VORE; 0329-0335 Amharic, tlk by M, march tune, uneven time ticks w/the last one long, ID by M; good (Valko 9/27).
- 7120 ALBANIA RT; 0230-0257 EG, IS, ID, nx, report on the development of mountain agriculture, folk festival (Stanley 9/27, Dillon 9/27).
- 7135 FRANCE RFI to Africa; 0415 EG, newsreel pgm, exc (Jordan 10/1).
- *7155.2 JORDAN HKMS; 2312-2322, lengthy Quran recital by M, fair level but ARO QRM; gone at 2332 recheck; audible daily (Reinstein 9/22).
- 7160 MONACO TWR; *0625 EG, ID, s/on into rel pgm; poor under BBC on same freq (Forsgren 9/10).
- 7160 USSR RM; 0718-0747 EG on KAL disaster, poor audio (Sharpe 10/2).
- 7170 NEW CALEDONIA R. Noumea; 0728-1100* FR, varieties (4 reporters).
- 7215 IVORY COAST R. Abidjan; 0556-0605 FR, IS, ID, Afr. mx, f (McKellar 9/14); *0559 FR, IS chimes, choral NA, chatter, pops (Summers 9/28).
- 7225 TUNISIA RTVT; 0552-0620 AR, Koran, time pips on hour, ID, nx to 0617, tape of speech on PLO, Lebanon & Arafat (Ravenhorst 10/6).
- 7270 SOUTH AFRICA R. RSA; 2135-2145 EG, M w/interview of W author, ID & TC (Bobb 10/2); 2150 EG, nx, "Africa Today"; //9585 (Konen 9/14).
- 7295 MALAYSIA RTM; 1300 EG, nx, mx, sports, JVC show (Hazeltine 9/28).
- 7295 SWAZILAND TWR; 0417 GM, usual religion w/hymns (Florian 9/19).
- 7300 ALBANIA RT; 0330-0430 EG/Albanian; Marxism in Albania (3 report's).
- 7325 UK BBC W.S.; 0100, "The Thirty Year Rule" (Trotto 9/22).
- 7345 CZECHOSLOVAKIA R. Prague; 0100-0200 EZ/Czech., cmnt (3 reporters).
- 7350 CLAND. LV del CID; 0125 SP, ID followed by a comedy show (Trotto 9/23); 1112 SP, man singing followed by ID, f (Bolland 9/17).
- 7370 GREECE VOG; 0457 oc, tone, IS, annt by M in GK (Johnson-TX 9/23).
- 7400 CLAND. LV del CID; 0300-0546* SP, entertainment (5 reporters).
- 7425 CUBA RHC; 0055-0425 SP, M&W nx, strong on this pirate fcy; //7455, 7485, 11760 (Konen 9/11, Rigas 9/6, Jordan 9/24, Barto 9/24, Schaefer).
- 7455 CUBA RHC; 0500 SP, //7485, 7425 (Johnson-TX 9/9, Rigas 9/25).
- 7485 CUBA RHC; 0330-0445 SP, usual px (Rigas 9/18, Sheedy 10/2).
- 9022 IRAN VOIR; 1930-2030 EG, IS, chimes, ID, war news (D'Angelo 10/1).
- 9024 UNID 1240-1314, W in possible Near East lang; fair (Bolland 9/24).
- 9032 CLAND. R. Vatan; 0445-0600*, M&W, ME mx; //15555 (Alexander 10/1).
- 9410 UNID. 2230 unid lang., dulcimer-type IS below BBC (Fraser 9/17).
- 9420 GREECE VOG; 2330-0130 GK, mx, etc. (Jordan 9/27, Stanley 9/24). 0238-0320 GK, mx pgm and M&W vocalists; nice (Bonnet-IN 9/29).
- 9475 EGYPT R. Cairo to N.Am.; 0215-0245 EG, Egyptian mx (3 reporters).
- 9490t CHINA Tibetan People's BC Stn.-Lhasa; 1200 presumed CH, possible ID by W; lively wind & stringed instrumentals (Jordan-PA 10/4).
- 9505 JAPAN R. Japan; 0922 EG, cooperation between Japan & China; fair (Blanchette-FL 9/22); 1700 EG, nx affairs (Stanley 9/25, Sharpe).
- 9510 ROMANIA R. Bucharest; 0205-0210 EG, cmntry, p (McKellar 9/11); 0400-0426 EG, ID, cmtry on Madrid conference; poor (Dillon-PA 9/23).
- 9515 MALAYSIA RM; 1135 lol mx & cmnt, //5965 (Bolland-FL 9/25).
- 9515 TURKEY VOT; 2159-2209 EG, ID, freqs, nx; poor/fair (Bobb-MN 9/25).
- 9525 POLAND R. Polonia; 0200 EG, "This is R. Polonia BC'ing in its N.Am. Svc. from Warsaw" by M, "Panorama", mx (Krist-VA 9/15).
- 9535 NETH. ANTILLES TWR; 0430-0500 EG, bible study, mx (Dillon 9/27).
- 9535 SWITZERLAND SRI; 1930-2000 FR into IT, mx, TC (Bobb-MN 9/29).
- 9540 VENEZUELA RN; 0107 SP, chimes, ID "Radio Nacional de Venezuela", fcy annt, 0114 ID, anthem at 0157* (D'Angelo 9/25).
- 9545 ANTIGUA Deutsche Welle; 0100 EG to N.Am., ID, freqs, "Microphone on Europe" (Forsgren 9/14); 0100 EG, "Hit Parade" (Stanley 9/24). 0500-0550 EG to N.Am., "Microphone On Europe" (Dillon 9/27).
- 9550 CHILE RN; 0240 SP, 1950's hits in EG; //15150 (Pardum 9/27).
- 9560 GERMANY E. RFI; 0230-0310 EG, nx, sports (Stanley, McKellar 9/23).
- 9565 GERMANY W. DW; 0100 EG to N.Am., Larry Wayne, f (Stanley 9/26).
- 9575 ITALY RAI; 0100-0120 EG to N.Am., usual nx pgm (5 reporters); 0120-0130 FR to N.Am., ID, nx, fair (McKellar 9/6).
- 9580 AUSTRALIA RA; 1100-1115 EG to N.Am. (David 9/8, Krist 9/24).

- 9610 AUSTRALIA VLW9-Perth; 1030 EG, details of race of Australia II, will have live coverage (Blanchette 9/22); 1320 (Paszkiwicz 10/2).
- 9610NF IRAQ R. Baghdad; 2155-2218 EG, M.E. mx, W reading listeners' questions & M responding w/answers, ID (D'Angelo 9/30).
- 9615 SOUTH AFRICA R. RSA; 0200-0255 EG to N.Am. (4 reporters).
- 9620 ALASKA KNLS; 1130-1200 RS, pops & MOR, ID's (Jordan 9/12).
- 9620 GERMANY E. RBU; 2039-2047 EG, jazz piano, culture (Purdum 9/18).
- 9620 NEW ZEALAND RNZ; 0825 EG, EZ listening piano mx, sports, wx, //11960 (Alexander 9/25); 1020-1055 EG, nx, wx, ID and an EZ listening music program; good (COBB-ME 9/16).
- 9630 CHILE R. Agricultura; 2336 SP, LA mx, some band-type songs, M ancr; bombed out at 2350 by REE (Forsgren 9/17).
- 9635 COLOMBIA RN; 1510-1529 SP, classical mx, //15335 (Moore-Hond 8/19). 2327 SP, clear ID's w/ M&W, lost under VOA 2335 (Forsgren 9/17).
- 9645 VATICAN VR; 0105-0110 EG, rel. pgm, good (Hawk 9/18).
- *9650 GUINEA LV de la Rev.; 2255-2330 FR, good signal w/hi-life mx, M DJ, reverb anmts, ID; heard //15313 weakly (Alexander 9/17).
- 9655 AUSTRIA ORF; 2132-2140 EG, lbr show, fair to poor (Cobb 9/18).
- 9660 VENEZUELA R. Rumbos; 0145-0155 SP, DJ w/ID's, freq, TC's over bell tones; //4970 (Cobb 9/28); 0400 SP, ID's & TC, mx (Forsgren 10/2).
- 9670 SAIPAN KYOI; 1725 EG/JP, rock mx, AM-radio format, f (McKellar 9/9); 1600 EG, usual rock format, US ancrs, EG/JP ID's (Moman 9/4).
- 9675t PHILIPPINES FEBC; 1515-1530 RS, rel mx & tlk (Bobb 10/3).
- 9684 TANZANIA RT; 0336 EG, US pop mx, W anmt, ID (Schachat 8/21). Old!
- 9685 USSR RM; 2330-2358 EG, "Radio Kiev" show on the Ukraine (Krist).
- 9695 SWEDEN RSI; 2300-2330 EG, "Weekday" nx, alcoholism (Dillon 9/29); 0228-0258 EG, ID in several languages, Weekday from Stockholm with Eur. and lcl nx (Enkenhus 9/9); 0230 EG, IS, ID in SW & EG, "Weekday From Stockholm", Nordic news, book reviews (Stanley-AZ 9/22).
- 9695 BRAZIL R. Rio Mar; 0950-1001 PT, pops, ID, strong (Alexander 10/1)
- 9700 BULGARIA R. Sofia; 2300-0000 EG, nuclear build-up (3 reporters).
- 9700 KOREA N. R. Pyongyang; 1208 SP, several ID's by M&W (Valko 9/26).
- 9725 SWITZERLAND SRI; 0145-0450 EG etc.; "Dateline" (4 reporters).
- 9730 GERMANY E. RBI; 0000-0040 EG, nx, death camp memorial (Krist 9/15)
- 9734.7 PARAGUAY RN; 0035-0115 SP, strong w/slight het, ment. Paraguay, ID at 0100; 2 x 9734.7 very weak (Alexander 9/22).
- 9745 CAMEROON RC; 2102-2120 EG, nx, rock mx, EG/FR ID at 2115, into FR (Purdum 9/18); 2106-2119 EG, "National Service" //4850 (D'Angelo).
- 9745 ECUADOR HCJB; 0350-0400 EG, Bible study (Dillon 9/27; Stanley 9/22)
- 9745 IRAQ RB; 2045-2105 EG, fqy anmt, muffled audio (Muzyka 9/24).
- 9745 KOREA N. RP; 1217 EG, ID, W w/tlk on Kim Il Soong (Enkenhus 9/11).
- 9750 ALBANIA RT; 0000-0030 EG, "A Week In Albania" (Weinhold 9/27).
- 9780 ALBANIA RT; 0100 SP, brief anthem, ID by W, nx; g (Gilster 9/26).
- 9780 YEMEN ARAB REP.; R. San'a; 0245-0345 AR, M&W tlk, Koran recitation 0305-0315, M in religious talks; good (Lausevich 9/19).
- 9815 ISRAEL KI; 2000-0000+ EG, etc., "Calling All Listeners" (3 report)
- 9870 SAUDI ARABIA BSKSA; 2040 AR to Eyr., //11820 (Jordan 10/1).
- 9880 BELGIUM BRT; 2357-0115* EG to N.Am. (6 reporters).
- 10040 VIETNAM VOV; 1605-1610 EG, nx, poor (McKellar 9/26).
- 11620 BELGIUM BRT; 0048-0112* EG to N.Am., nx (3 reporters).
- 11620 INDIA AIR; 2029 EG, caught ID by W; poor (Gilster 9/23); 2050 EG, ID, Indian mx, nx at 2100, cmntry; f (Muzyka 9/16); 2105-2120 EG, nx in progress, local vocals & instrumental mx; fair (Jordan 10/2).
- 11655 ISRAEL KI; 2000-0224 EG/FR/Yiddish, mx & nx (8 reporters).
- 11665 AUSTRIA ORF; 2145 EG, "SW Panorama" (Zilmer 9/25); 0259 SP, noted with multi-lingual ID and anmt in SP; poor (Moman-Alb. 9/6).
- 11670 PAKISTAN RP; 1655 EG, "This is the World Svc. of R.P." plus another ID & nx read by W; //15505 barely audible (D'Angelo 10/2).
- 11675 KUWAIT RK; 2020-2100* EG, "Top 40" rock, ID's, sked (Jordan 10/2). IEIC EG, W with ID & freqs, program sked of today's xmsns, readings from the Koran ending at 2008 (Moman-Alberta 9/4); 2040 EG, Elvis songs (Weinhold 9/6).
- 11679.7 CLAND. LV del CID; 1355-1415 SP, M&W cmntry on economics; poor quality due to crowded freq -- harmonic from 5840? (Bolland 9/24).
- 11690 CUBA RHC; 2000-2030 EG, tlk on Cuban revolution (Weinhold 9/11); 2013 EG, nx items read by two M; cmntry on Lebanon (Gilster 9/23).

73 *Due*



There will be no Section C in the October FRENEX, so I decided to put out this selection of some of the items that were sent in. Due to the slowness of the mail service it took two full weeks for the loggings to get to me from the Distributing Editor, well past Bill Oliver's deadline. It may be only a gesture but I decided that this was better than nothing. My sincere apologies for the many omitted contributions, but this was dictated by

the present, very limited format. 73. David Walcutt (212)-582-4340

- 6220 CLAND. LV de Sandino; 0001-0100 SP, M&W, in here with immediate ID followed by typical Cland. format. (Bolland-FL 8/26). 0447-0457* SP, much anti-gov't tlk, numerous mentions Nicaragua, ID, pep talk, marching music (D'Angelo 8/13).
- 6240 INT'L WATERS Voice of Peace; 2249-0005* EG/FR, better-than-usual-but-still-terrible level, "Ici la voix de... en kc/s. From... we are the V. of Peace, ending with a pop male vocal (is this "Give Peace a Chance?") (Berg-MA 8/20).
- 6252 EQ. GUINEA R. Malabo; 0545-0612 SP, Latin mass to 0600, ID, fgy's, nx by W (Enkenhus 7/30); 0550-0630 (t) SP/Vern., "R. Nac.", rel. mx (Lausevich 8/23).
- 6350.3 PERU Unid. noted here w/snatches of flutes, SP but hopeless utes and very weak (Krueger 8/26). Seems I heard Moderna moved here??
- 6755vv CLAND. R. Venceremos, 0303-0314 SP, ment. Farabundo Martí, 15 de Septiembre, ID at 0310, mx jammer came on: moved to 6750,6770 (Valko 8/16); 0027-0044* comments follow instrumental mx and ID at 0034 by W; fair (Bolland-FL 8/28).
- 6910 IRELAND World Music Radio via R. Dublin; 0028-0041 EG, jingle ID, "World Music Radio", Four Seasons mx, Amsterdam address (D'Angelo 8/29); 0240 EG, at t/in heard long address anmt w/ment of WRTM ad, ID's, 0251* (stephany 8/29).
- 7000 CLAND. R. 15 de Sept.; 0300-0325 SP, dual 6900, patriotic tlk (Jordan 8/16).
- 7038.8 CLAND. LV de Alpha 66; 0107-0115, good with usual SP anti-Castro tlk till clobbered by R. Farabundo Martí on 7040v at 0113 (Krueger 8/27); *0100-0130* s/on with IS (1st few bars of the Cuban NA), theme song; 7039v; "Para el pueblo de Cuba que sufre, aquí está La Voz de Alpha 66." Much tlk about sabotage plan "Máximo Gómez". "Comentario Editorial" by Dr. Diego Medina". Drifting upward to 7039.9 by s/off; strong sig (Reinstein-FL 8/23).
- 7046v CLAND. R. Farabundo Martí; 0112-0133*, fair & unjammed, // 6930 jammed heavily. Ann'd sched 6:30 AM, 12:30 PM, 7PM from Chalatenango (Reinstein 8/25).
- 7075 CLAND. R. Soberanía Nac. *1205-1228*, s/on w/NA of El Salvador; ann'd sked 6 AM, 12 Noon, 6 PM, 8 PM, on 6960 & 7050; quite strong and seems pro-junta; many ment. of "propaganda del FMLN"; also s/off w/NA (Reinstein-FL 8/28).
- 7076 CLAND. R. Mambí; *0000-0012*, s/on with same IS as Alpha 66; ID "Atención Cuba, atención pueblo de Cuba, están escuchando R. Mambí, La Voz de la Junta Patriótica Cubana." Ann'd daily sked of 7 AM & 8 PM, 7060 - 7070 kHz. Gave address: Apt. 68045, Caracas, Venezuela; FM spurs +527 kHz. (Reinstein 8/26).
- 7180 MONACO TWR; *0610-0620*, EG, repeated anmt: "This is Monte Carlo. You are listening to a test xmsn from Trans World Radio." (Pickard 8/28).
- 7425 PIR. Crystal Ship; 0520-0610*, 2 M w/rock mx, formal ID by W at 0530; "Morehead, Minn.?" (Lausevich 8/14); 0603-0612* EG, April Wine, ID's, talk about FCC, last program for a while (Paszkiwicz 8/14).
- 7425 CUBA RHC; 0113-0200 SP, //11760; also ann'd 7455 but inaudible (Tindall 9/7).
- 7485 CUBA RHC; 0320 SP, Castro speech; // 7425 and 7455; interesting fgy (Plum 9/6).
- 9509.6 PERU R. America; 1050-1100 SP, full ID during music, "con la grande... en la yunto en America"; fair (Bolland-FL 8/13).
- 9510 GUAM KTRW; 1345 EG, "DX Newslines", poor (Zilmer 8/27).
- 9540 VENEZUELA R. Nacional; 0102 SP, ID by W with freqs. too; QRM (Moman-Alb. 8/13).
- 9545 BRAZIL R. Universo; 0908-0914 PT, full ID and also heard on 6020; pgm seems to be on tape due to speed troubles once in a while (Bolland-FL 8/13).
- 9585.2 BRAZIL R. Globo; 0934-0941 PT, nx, full ID, fair (Bolland 8/10).
- 9590 GUAM KTRW; 1228-1307 EG/Mandarin; M&W, apparent English lesson (Bolland 8/6).

- 9611.5 INDONESIA RRI Jayapura; 0958-1030 IN, M&W cmnts, mx, fair (Bolland 8/26); 0935-1005 (t) IN, M&W tlk, Indo mx & ments; poor (Bobb-MN 8/22).
- 9620 YUGOSLAVIA RY; 2114-2129 EG, ID, IS, Yugoslavic music (D'Angelo 8/20).
- 9655 THAILAND RT; 1130 EG, IS and ID by M but quickly lost to fade and QRM; poor signal under Nor Peruana; a rare station in south Florida! (Reinstein 8/25). May become less rare if it's true they are now 250 kw. -ed.
- 9670 SAIPAN KYOI; 1530-1532* EG, fgy. sked, ID, poor (Zilmer 9/3); 1631-1650 EG/JP rock/pop mx program, anmts in JP by W at 1637 (Lausevich 8/30).
- 9675 PERU R. del Pacifico; *1058-1110 SP/unid. lang., ID, Messiah chorus (Bobb 8/22).
- 9680 AUSTRALIA VLR9-Lyndhurst; 0810 EG, speeches before parliament (Lare-MN 8/24).
- 9695 BRAZIL R. Rio Mar; 1001-1005 PT, cmnts, beneath NHK, poor (Bolland 8/10).
- 9734 PARAGUAY R. Nacional; 0032 SP, ID and several ments. Paraguay in possible news; off-frequency howl ever present (moman-Alb. 8/13).
- 9750 KOREA S. RK; *1400 EG, nx of jetliner missing, shot down (Thunborg-PA 9/1).
- 11675 KUWAIT RK; 2075-2030 EG, ID by M DJ, into soul mx pgm, fair (Mayer-PA 8/10).

NOTICE, PLEASE

This page and page 50 comprise the selection of loggings from the missing October Log Report "C" mentioned by Dave Walcutt in his heading to this month's "C". Since space is available, I include it for your convenience.

CANAVDX V

The fifth Florida DXpedition will be held at the Canaveral National Seashore on 12-13 November, 1983. All interested hobbyists are invited. Participants should arrive by 2100 GMT 12 November at the end of the Seashore's north entrance with their receivers and power supply. For more information contact Terry L. Krueger (305) 834-3439.

FOR SALE: Big bargain! FRG-7 with top mods, Miramo frequency counter, Ameco PLF preamp, Yaesu YH-55 headphones. All for \$200.00 plus shipping! Al Sizer, 22 Country Way, North Haven, CT 06473. Phone (203) 239-2491 anytime before 0200.

FOR SALE: Panasonic RF-2200 with manual and carton. Price \$70.00 plus shipping and insurance. Scott Davenport, 403 Woodland Hills, Tuscaloosa, AL 35405. Phone (205) 553-4715.

FOR SALE: Gilfer-modified Yaesu FRG-7 in excellent condition with original packing and manual. Has rear jack to accept frequency counter. This classic workhorse is yours for \$200.00 plus shipping. Jack Connolly, 20 Chestnut Hill Terrace, Chestnut Hill, MA 02167. Phone (617) 232-0670 evenings EST.

FOR SALE: Microlog AVR-2 Video Display Terminal. Converts RTTY and CW to video display and printer. Accepts Baudot and ASCII, CW to 120 wpm. Sells for \$599.00 new. Price \$400.00 or best offer. I will pay shipping. Item is as new. Mike Cooper, 1267 Sky Haven Road, Atlanta, GA 30316. Phone (404) 627-2834.

FOR SALE: Hammarlund HQ-180A in very excellent condition with new tubes and matching speaker and KRS digital readout. All clean and both manuals included. Price \$425.00 local pickup or \$450.00 by UPS and insured. Terry Klasek, 9720 Vickie Place, St. Louis, MO 63136. Phone (314) 868-7274.

NOTICE: On November 27 a big DX get-together will be held at my home to celebrate the start of another DX season (my 19th). All DXers in the St. Louis area are invited as well as any DXers who can get here. Food and drink will cost extra. Bring your veries and receivers. A film fest will also be held. Contact Terry Klasek, 9720 Vickie Place, St. Louis, MO 63136 or call (314) 868-7274.



LOG REPORT

section D

11700 and above

Editor: Brett Saylor, P.O. Box 10, Whitehall, PA 18052

- 11700 DOMINICAN REPUBLIC R Clarin; 0100 SP, romantic LA mx, f (McKellar 9/30)
*0200 EG, R Earth Int'l via Clarin, "The World" pgs, tourist info, mx pgs
(Krist, Dillon 9/30, Jones)
- 11705 USSR R Moscow; 1427-1500 RS, tlk by M&W, RS vocals, Mayak IS; p-f(Bobb 10/1)
- 11705 SWEDEN RS; 2300 EG, "SCDX", "Weekday" pgms (Stanley 9/14, Gaffin)
- 11705 WEST GERMANY DW; 0500 EG, "Microphone On Europe", g (Stanley 9/26)
- 11710 ARGENTINA RAE; 0000-0130 EG, 0200 PT, nx, sports (Stanley, Weinhold, McLemore, McKellar, Witzig)
- 11715 INDONESIA V of Indonesia; 1500 EG, ID, nx, g (McKellar 9/20)
- 11715 SWITZERLAND SRI; 0145-0215 EG, "SWMGR" (Dillon 9/25)
- 11720 USSR R Kiev; 0215-0230 EG, cmtry on arms control, nx (Dillon 9/30)
- 11720 CANADA CBC; 1930-2010 EG, "Sunday Matinee" pgs, g; also 1330-1400 (Dillon)
- 11730 NETHERLANDS RN; 2030 EG, "Newline" (Weinhold 9/6)
- 11740 USA VOFC via WYFR; *0200-0229 EG, ID, nx, cmtry on CH culture, p (Dillon)
- 11755 TURKEY VoT; 2200, 0330 EG, travel pgs, TK songs, nx (Dillon, McKellar, Jordan)
- 11760 CUBA RH; 0401 EG, sports, Cbn mx pgs, faded out (Gaffin 9/7)
- 11760 COOK ISLANDS RCI; 0848, slow EZ-listn mx of islands, several US pops,
"Dream Lover" song 0858, soft tlk over mx, off after song w/no annct;
act freq 11759.8 (Moman 9/6)
- 11770 USSR RM via Alma Ata; 1113-1134 EG, wld nx, cmtry on KAL-007 (Purdum 9/9)
- 11780 BRAZIL R Nac da Amazonia; *0755-0941 PT, Chimes IS, ID 0800, mt RadioBras
ads incl one for product "Simpolix", entire best in reverb; nothing on 6120
but QRN (Alexander 9/24, Bolland)
- 11785 WEST GERMANY DW; 0225-0245 GM, lessons in GM by M&W (Bonnet 9/17)
- 11790 USA AFRTS; 0037 EG, baseball, sports results during comm breaks (Krist)
- 11793 COLUMBIA R Diff Nac, Bogota; 0318-0330 SP, opera mx, cmtry (Purdum 9/28)
- 11800 CZECHOSLOVAKIA R Prague; 0100 EG, nx, folk mx, science&tech pgs (Stanley)
- 11800 ITALY RAI; 1934-1955* EG, nx, "Weekend Magazine" (Bolland) 2230 IS, ID, co-
chan Prague (Moman) 0100 EG, nx, mx, to 0120 FR (Gaffin, Stanley)
- 11800 AUSTRALIA RA; 1115 EG, press review to Papua N.G. SIO 343 (Zilmer 10/1)
- 11810 SOUTH KOREA RK; 0500 EG, Korean trad mx, "Shortwave Feedback" pgs (Stanley)
- 11815 NETHERLANDS ANTILLES TWR; 1115-1200 EG, nx, "Morning Sounds", "Family Forum"
rel pgms; good (Dillon 9/29, Mozyka)
- 11815 LIBYA R Jamahriya; 2130-2230 EG, reading from Qaddafi's "Green Book" w/
these song, tlk abt Chad, Afr unity, revolutionary march, heavy echo on
readings (Brouillette, Gaffin, Moman, Purdum, Bolland, Gilster, Florian, Fete, Stanley,
- 11820 SAUDI ARABIA BSKSA; 2208-2221 AR, mx, cmtry by M, f (Bolland 9/13) Lausevich)
- 11825 TAHITI FR3; 0201-0216 FR, EG pop & rock mx, call-in requests (Purdum 9/27)
- 11840 USSR RM; 1401-1414 EG, nx summary, mx (Gaffin 10/2)
- 11845 SEYCHELLES FEBA; *0328-0339 AR, "What A Friend We Have In Jesus" IS, ID,
into rel tlk (D'Angelo 9/11)
- 11850 BULGARIA R Sofia; 2131-2141 EG, wld nx, "Youth Magazine" (Purdum 9/18)
- 11860 USSR R Kiev; 2330 EG, rpt on Andropov, slight fading, g (Stanley 9/21)
- 11865 MALTA DW; 0115-0150* EG, press rev, "Forests and Agriculture" (Dillon) Gaffin)
- 11880 SPAIN SFR; 0000 EG, "Panorama", "SP by Radio", nx (Stanley, Dillon, McLemore, Krist,
- 11895 SEYCHELLES FEBA; 1600-1607* EG, sports, off w/ IS (McKellar 9/16)
- 11900 SAIPAN KYOI; 1125-1204 EG/JP, rock mx, slogans, "All Rock Super Station"
"24 Hours A Day" (Blanchette, McLemore, D'Angelo)
- 11905 ITALY RAI; 2232 IT, bird chirp IS, church bells, ID (Johnson 9/8)
- 11925 PORTUGAL RP; 0300 EG, IS, ID, nx, f (Stanley 9/15)
- 11930 CUBA OG58, 0119, 0230, 0300 EG, cmtry on arms race, Central America, mx
(Stanley, Dillon, McLemore, Hazeltine, Krist, Gaffin)
- 11940 USA WRNO; 1425 EG, rock mx, ID 1430 (Jones 9/4)
- 11940 SINGAPORE RS; 1525 EG, MOR mx w/ DJ, f (McKellar 9/18)
- 11940 GABON AFR#1; 2000-2045 FR, lively vocals, cmts in FR (Bonnet 9/19)
- 11955 CANADA RCI; 1407 EG, "Sunday Morning" pgs, exc (Gilster 9/11)
- 11975 EAST GERMANY R Berlin Int'l; *0000-0040* EG, nx, //9730 (Jordan 9/15, Krist)
- 12000 EGYPT R Cairo; 1850-1930 AR, mx, nx, ID, g (Dillon 9/23)
- 12000 HUNGARY R Budepest; *0100-0127*, 0225-0230 EG, nx, pgms (Krist, Gaffin)

12025 ISRAEL KI; 0500 EG, wld nx, into FR #0514, p (Stanley 9/23)
12030 USSR RM via Petropavlovsk; 0600-0633 EG, nx, ctry (Sharpe)
12050 USSR RM via Petro; 0500-0538 EG, wld nx (Sharpe)
12070 MONGOLIA R Ulan Bator; 1127 CH, *1200-1234* EG, nxcst, mx, mt freq's 12.07, 7.31, 9.57, and 17.78 MHz; USSR QRM, p (Muzyka, D'Angelo, Enkenhus)
12085 GREECE VofGreece; 2340-2352* EG, *0000 // 9420, 9460, 12085 in GK (Jordan) 0130 GK, //9420, 9865 nx, f (Stanley 10/1) 0000 (lang??) IS, NA, ID, nx, ex 11645 (Rigas 9/6)
12095 UK BBC; 2017 EG, London Press Review (Gaffin 9/6)
12290usb AUSTRALIA RA; 0803 EG, nx, "Spectrum", USE feeder (Alexander 9/25)
13797 ICELAND ISBS; 1850-2003* Icelandic; IS bells, poss ID by M, nx, poss sermon, occ mx (D'Angelo, Enkenhus, Bobb, Moman)
14430 UNID harmonic? 1935 FR, mx, f anncr, high-voice singing, whistling tune 1941, Checked 11920 for // of Ivory Coast, but found none; poss 2x7215. WRTH has EG from 1850-2000, tho. Still in 2151, but gone at 2302 check (Moman 9/4)
15010 VIETNAM VoV; 2035-2105 EG, nx, cmtry on Kampuchea's border (D'Angelo, Krist)
15070 UK BBC; 1803-2305 EG, pop mx, nx, "Off The Label" (Krist, Fraser)
15100 USSR RM; 1715-1900 EG, wld nx, RS By Radio (Dillon, Gaffin, Webster)
15105 MALTA DW; 0122 EG, GM By Radio, site ID at 0152* (Forsgren 9/11) Stanley)
15115 AUSTRALIA RA; 0400, 0700-0933 EG, "Report From Asia", mx (Blanchette, Sharpe, Portugal)
15115 PORTUGAL R Free Europe; 2226-2234 BG, tlk by 2 M, 8 note IS 2230 (Brouillette)
15120 NIGERIA VoN; 1150-1157 EG, nx by M, Afr mx, fair under DW carrier (Meyer)
15125 SPAIN REE; 1910, 2234 SP, DJ-type pop mx, cultural pgm, exc (Gilster, Brouillette)
15135 CHINA RB; *1230 Malay, IS, fighting w/ Moscow (Florian 10/2)
15135 T BRAZIL R Record; 2140-2203* PT, mx, mt of Sao Paulo but no def ID, f (Cobb 9/18)
15150 WEST GERMANY DW; 1933 EG, nx, "Window on the World", f (Gilster 9/21)
15150 USSR RM; 1422-1424 EG, tlk abt UN Gen Assm mtg (Gaffin 10/2)
15150 CHILE R Nac; 2225-2255 SP, futbol match against Argentines (Jordan)
15155 ECUADOR HCJB; 0030, 0330 EG, Bible stories, p // 9745 (Dillon, Krist)
15155 CUBA RHC; 1920 SP, soft jazzy mx, nx, g (Gilster 9/21)
15160 ECUADOR 1835 SP, classical mx, ID, f-g (Bobb 9/22)
15165 DENMARK DR; 1424-1452* DN, EG ID, NA, f (Bobb 9/30)
15170 SOCIETY ISLANDS R Tahiti; 0436 TH, Pacific mx, ARO QRM (Worob)
15170 USSR RM; 0200 EG, nx by W, weak (Gilster 9/21)
15175 NORWAY RN; 1700-1705 EG, IS, ID, nx (Purdum 9/25)
15180 USSR R Kiev; *0030-0058* EG, anti-US cmtry (Krist 10/5)
15180 USSR RM; 1355 lang, classical mx, IS, "R Moskva" ID, nx in AR?, f (Fraser)
15185 USA WINB, Red Lion Pa; 2230-2245*EG, "Prophetic & Evang. Ministry" (McKellar)
15190 CONGO Rdiff Tele Congo; 1945-2105 FR/vern, Afr pgm by M, vern tlk 1950, tribal trad mx pgm, comm 1955, more mx 2004, p (Lausevich) Any ID? If not, TENT.bs
15190 T BRAZIL R Inconfidencia; 2130-2150 PT, sports by 2 M anncrs, freqt mt Brazil, tent ID 2141, QRM RFI co-channel, very poor (Lausevich 9/25)
15195 JAPAN RJ; 0130 EG, wld nx, current affairs, f (Stanley 9/19)
15200 FRANCE RF; 1956 FR, tent here w/ long tlks, occ mx, f (Gilster 9/21)
15220 TURKEY VoT; 1400-1430 TK, //17885, 11955, 9670-not hrd, tlk by M, mx (Jordan)
15226 T TUNISIA RTT; 1850-1900 AR, M w/ poss ID, long AR vocal solo, p (Bobb 9/24)
15231 NORTH KOREA Pyongyang; 2300 EG, speech by Kim Il Sung, g (Stanley 9/18)
15235 JAPAN RJ; 2215 EG, nx, cmtry, to SE Asia//17755, 15195, 11740, 9645 (Zilmer)
15240 YUGOSLAVIA RY; 1430-1445, 1554 EG, to Eur, MEast, FarEast, S&SEAsia (Muzyka, Jordan)
15240 USA VOA; 0301 nx pgm (Gaffin 10/8)
15250 ROMANIA RB; 1300-1316 EG, nx, ID, cmtry on arms, p (Dillon 9/29)
15290 PHILIPPINES VOA; 2338-0020 EG, "Thursday Morn." pgm//21460 (Enkenhus)
15290 BRAZIL R Bras; 0200 EG, sports, nx, mx pgms (Gaffin, Hazeltine, Dillon, Stanley)
15295 ECUADOR HCJB; 2130 EG, "DX Party Line" (David, Krist)
15295 MALAYSIA V of Malaysia; 1530 AR, chimes, into Koran, under Moscow and "TU" jammer but readable (Lare 9/12)
15300 JAPAN RJ; *2345-0025 EG, lang lesson, current affairs (Krist, Gaffin)
15305 DODECANESE ISLANDS VOA; 2015 AR, ID 2015 as "Huna Washington", nx (Lare)
15310 GUINEA La Voix de la Revolution; 0001 FR, full ID, into nx, p (Forsgren 9/24)
15320 AUSTRALIA RA; 0200 EG, ID, wld nx, "Four Corners" pgm (Stanley) 0309 EG, nx, sports, TC, rpt on America's Cup (McLemore) 0411 EG, "Rpt From Asia" (Sharpe)
15320 UNITED ARAB EMIRATES Dubai; 1600-1630 EG, History of Baghdad (Weinhold)
15335 MOROCCO RTM; 1959-2030 AR, "Huna Ribat" ID, tlk, march mx (Bobb 9/13)
15325 ooo SEYCHELLES FEBA; 1225 EG, nx by W, into a 45 min pgm in Mali #1230 (Muzyka)
15335 INDIA AIR via Alisher; 1452-1500* EG, //11810 Delhi not audible (Jordan)
15335 ROMANIA RB; *1500-1515 EG, nx (Jordan 9/14)
15345 ARGENTINA RAE; 0310-0330 SP, Latin mx, ID (Jordan 9/30)
15345 TAIWAN VOPG; 0300 EG, IS, ID, //11825, 17800 anc'd, nx, fading (Stanley 9/27)
15345 NORWAY RNI; *1459-1544* NO; ID in NO, EG, nx, wx, cmtry incl exchange rates (EEnkenhus 9/10)

15345 ARGENTINA RAE; 0113-0259* EG, nx, wx, feature on Brit-Argentine conflict; //11710 not as strong (D'Angelo, Schachat)

15350 LUXEMBOURG RTL; 2030 FR, pop/rock mx, M DJ (Moman 9/4)

15365 CANARY ISLANDS REE; 0230 SP, relay site, ID, freq (Moman 9/5)

15365 USA WYFR; 2000-2135 EG, religious pgms (Bonnet 9/30)

15375 SPAIN REE; 2033 EG, wld, local nx, sports (Jones 9/17)

15385 CHINA RB; 0000-0100 EG, Asian, wld nx, econ tlk (Stanley, Krist, Bonnet)

15390 EAST GERMANY RBI; 1700-1720 EG, anti-US pgm (Weinhold 9/25)

15390 USA VOA; 0050-0300* SP, this xmsn to LAm is via 250 kw xmr of Radio Bras; //17870 not hrd, 6190, 9670, 11895 p, 15400, 7400, 15375 f (Jordan 10/4)

15395 SPAIN REE; 1735-1749 SP, sports event covered, //11920, 17660, 17720 (Purdum)

15400 FINLAND RF; 1305-1332 EG, nx, "Compass North" pgm, several ID's (Enkenhus) 1200-1228 EG, "Northern Report" (Krist)

15415 T BRAZIL R Clube Ribierosa Preto; 0157 PT, "R Clube" ID hrd, followed by "Puttin' On The Ritz" (Moman 9/5) (Enkenhus)

15425 SRI LANKA SLBC; 0124-0219 EG, "Back To The Bible" nx, listnr's requests

15440 USA WYFR; 1900-1905 GM, song in GM, ID w/ freq's (Gaffin 9/16)

15445 BRAZIL R Nac. da Amazonia; 0036 PT, nice mx, ads, TC, nx, 0202* (Gilster)

15473 ARGENTINE ANTARCTIC R Nac. Archangel San Gabriel LRA 36; 2214 EG/SP, IS, ID in both lang, SIO 242 (Zilmer 9/23)

15475 T IRAN VOIR; 0410 Parsai, not // 15084, tlk by W of Iran, Iraq, Alg, Leb; ment Khomeni, radio skit by 2 annrcs (Jordan 9/15)

15485 USSR RM; 1415 EG, stat by Andropov on US Foreign Policy (Gaffin 10/2)

15490 USSR 2032 FR, ID several times as "R Moscow Int'l" w/ very Western-sounding tlks and cmtry, to Afr; even had Parisian street mx playing. Sounds just like RFI; EG noted at 2102 recheck (Moman 9/4)

15515 CHINA RB; 1200-1230 EG, tlk on CH archeology (Weinhold)

15520 CHINA RB; 0000, 0300 EG, wld nx, pgm on education (Gaffin, Blanchette, Stanley)

15525 CUBA RH; 1400 SP, nx (Weinhold 9/25) 2216 Quechua; tlk by M abt revol activity and US intervention in Cam, into nice mx pgm; could grasp meaning w/ SP knowlge. (Brouillette 9/20) 1515, 1359, 1845 SP, 1705 FR (Bonnet, Rigas, Zilmer, Purdum)

15560 AUSTRIA ORF; 2000 SP, IS, nx, fair (Summers 9/26)

15565 PAKISTAN RP; 1603-1615* EG, slow speed dictation nx, f (Enkenhus 9/10, Muzyka)

15575 SOUTH KOREA RK; 0200 EG, IS, ID, nx, weekly sports roundup (Stanley)

15585 ISRAEL KI; 2000 EG, "Spotlight" pgm, f (Stanley 9/24)

15600 LIBERIA VOA; 1901-2253 EG, "VOA Jazz Hour", to Afr (Brouillette, Gaffin, Bonnet)

15630 GREECE VoG; 1540 EG, during Gk pgm (Zilmer) 1830 GK, weak w/ mailbag & GK mx (Rigas 9/10)

15755 TURKEY VoT; 0300 EG, nx (Jones 9/2)

17605 NETHERLANDS RN; 1350 EG, "Shortwave Feedback", f-g (McLemore 10/1) 2030 EG, nx and "Media Network" (David 9/8)

17620 FRANCE RFI; 1610-1803 EG/FR, "PCA", wld nx (Enkenhus, Dillon, Krist, Stanley)

17660 PAKISTAN RP; 1106-1115* EG, nx w/ anti-Soviet slant (D'Angelo 10/1)

17680 CHINA RP; 0400 EG, wld nx, good (Stanley 9/15)

17705 NEW ZEALAND RNZ; 0422 EG, mx pgm, //15485 (Stanley, Moman)

17705 GUAM KTW; 2200 IN, Indo pgm (Zilmer 10/1)

17710 HUNGARY RB; 1530 EG, nx (Zilmer 9/29)

17715 NORWAY RN; 1400 EG, nx, Norwegian cheeses (Weinhold 9/25, Paszkiewicz)

17720 SPAIN REE; 1400 SP, IS, ID, mx, //17660 (Zilmer)

17745 ALGERIA RA; 1957-2030 EG, wld nx, Top 10 pop mx (Florian, Jordan)

17755 JAPAN RJ; 2300 EG, "Current Affairs", f (Stanley)

17765 USA AFRTS; 2340 EG, baseball game (Krist 9/22)

17790 UK BBC; 1330 EG, pop and rock musicians & their images discussed (Fraser)

17795 FRANCE RFI; 1600 EG, ID, "PCA", Afr nx, "Letterbox", f (Stanley 9/18)

17795 AUSTRALIA RA; 0300 EG, faded out 0330, f (Stanley)

17800 FINLAND RF; 1200, 1400 EG, "Northern Report" (Blanchette, Fraser)

17800 ECUADOR HCJB; 1400 EG, nx, rel pgm (David 9/12)

17800 TAIWAN VOFC; 0300 EG, "Chinese Culture" pgm (Stanley, McKellar)

17810 JAPAN RJ; 0100 EG, nx, cmtry (Stanley 9/21)

17820 CANADA RCI; 1200 EG, "World Report" (Dillon) *2230-2258* EG, "SWL Digest" w/ Magne, Hauser rpts (Krist, McKellar)

17825a USSR RM; 2315 EG, "The Way We See It", f (McKellar)

17825 JAPAN 0000-0045, 0130-0200 EG, nx, cmtry (Dillon, Stanley, McKellar)

17830 SWITZERLAND SRI; *1530 EG, "Dateline" pgm nx (Stanley, Dillon, Krist)

17840 NORWAY RN; 1305-1315 EG, nx on Nobel prizes, g (Meyer 10/9)

17845a FRANCE RFI; 1815 FR, "Journal" pgm, f (McKellar 9/8)

17855 CHINA RB; 0015-0025 EG, nx, mx (Gaffin 9/8)

17860 SWEDEN RSI; 1400 EG, to NAm, replaces 21615 at ANARC-PRC (Zilmer 9/25)

17860 AUSTRIA ORF; *1230-1255* EG, "Rpt From Austria" (McLemore, Krist, Jordan, Zilmer)

17870 USSR R Kiev; 2330-0000 EG, nx, Young Generation pgm, f (Dillon)

17890 INDONESIA VoI; 1500 EG, wld nx, f (Stanley)

17890 ECUADOR HCJB; 1200-1500 EG, rel pgms, p-g (Gaffin, Dillon, Weinhold, Bobb)

17900 USSR R Vilnius; 2200-2230 EG, cmtry, g (Jordan,McKellar) R Kiev; 2330,0030 EG, nx, DX Club pgm, g (Stanley, Krist)
 17940 LIBYA RJ; 2357 AR, ID's, 17930 not on (Johnson)
 19460 CUBA RH; 0005 SP, revolutionary pgm, ID; also hd 19370 (Jones)Radio Problem??
 21477.5 ECUADOR HCJB; 2130 EG, "DX Party Line" (Witzig 10/3)
 21560 ITALY RAI; 1833-1845 IT, tlk by M & W, p-f (Bobb 10/3)
 21570 SWITZERLAND SRI; 1330-1345* EG, "Dateline" pgm, sports (Trotto 9/23)
 21580 FRANCE RFI; 1635-1700 EG, "PCA", nx, into FR (Dillon 9/25)
 21590 USSR RM; 1350-1400 EG, cmtry, ID, mx (Trotto 9/23)
 21600 RWANDA DW relay; *1456-1534 EG, wld nx, Afr Svc, vry gd (D'Angelo,Fraser)
 21610 JAPAN RJ; 0130 EG, cmtry, "Lets Practice Japanese" (Stanley)
 21655 UAE Dubai; 1612-1643* EG, "Arab Centers of Civilization" pgm (McLemore,Zilmer)
 21840 USA VOA; 1535 EG, nx in Special EG (Krist)
 25790 SOUTH AFRICA R RSA; 1400 EG, nx, sports, rebroadcast of a boxing match held in Cleveland Ohio (Krist)

Not a bad turn-out this month. Used almost every logging sent in. Hope the winter treats
 you all to lots of good DX! 73, Brett

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: Hammarlund HQ-180A receiver in very good condition. Includes manual. Price \$300.00 plus shipping. INFO-TECH 30-C Morse Converter in mint condition with manual and original packing. Price \$100.00. Dave Potter, P.O. Box 1363, Bradenton, FL 33506. Phone (813) 753-7349 evenings EST.

FOR SALE: Drake R-7A receiver, Gilfer modified. Five selectivity filters, AUX-7 program board covering 60, 49, 31, 25, and 19 meter bands and continuous coverage from 10 kHz to 30 MHz, accessory for using your car radio by using DC plug. Yaesu SP-10 speaker with five tones for best sound. Also has three SO-238 receptacles for tight connectors to your antenna in the back. Original container and manual. Price \$1400.00. I will ship UPS in the United States. Bill Mercer, 1279 Cedars Road, Collegeville, PA 19426. Phone (215) 265-3900.

FOR SALE: Panasonic RF-3100 like new. Has built-in radio teletype module that works with any personal computer. Price \$160.00. Bearcat 100 Scanner. Price \$280.00. David Ernst, 1415 Fillmore, Sterling, CO 80751. Phone (303) 522-8493.

FOR SALE: Mint Kenwood TR-2400 2m. HT with ST-1, BC-5, SM-24, extra PB-24, RA-3. Price \$225.00. Denton MT-2000A antenna tuner in mint condition. Price \$125.00. Peter J. Giacomelli, 305 Ocean Avenue, Malvern, NY 11565. Phone (516) 887-7490.

TRADE: My 1981 WRTH for anyone's 1983 WRTH. Also for US stamp collectors, I have a Scott Hingeless Album for all US issues through '74 and a Nuace cover album with 150 capacity and 4" x 7" pockets that could be used for QSL's. I would like to use these as part of a deal for a portable set like a SONT ICF-2001. Jean-Pierre Caravan, 911 Hamilton Mall, Allentown, PA 18101.

LOG FRENDX REPORTERS

Nick Pappas, 251 S. Olds Blvd., Apt. 243 Fairless Hills, PA 19030

Hello and welcome to the November '83 edition of FRENDX, and thanks to the following fifty-nine members for their contributions:

Brian Alexander, Mechanicsburg, PA; Sam Barto, Bristol, CT; Marion BlancheEte, Thonotosassa (DX100, RF260, R600); Norman Bobb, Minneapolis, MN (R600, XCR30); Arthur Bonnet, West Lafayette, IN (DX302); Paul Brouillette, Hazelwood, MO (DX-160); Ken Briscoe, New Albany, IN (GE World Monitor 7-2990); Ken Cobb, Portland, ME (RF4900, RF2800); Richard D'Angelo, Wyomissing, PA; Ronald David, New York, NY (DX160); John Dillaman, Centerville, OH (R70); Peter Dillon, Philadelphia, PA (Zenith 3000-1); Kurt Enkenhus, Silver Spring, MD (NRD515); Jay Florian, Round Lake, IL (FRG7700, SPR4); Ray Forsgren, Chippewa Falls, WI (SW717); Bob Fraser, Cohasset, MA (XCR30); Josh Gaffin, New York, NY (RF3100); Paul Gilster, Raleigh, NC (IC-R70, ICF2001); Michael Hawk, Hampton, VA (GE World Monitor II, XCR30); Hans Johnson, Kingswood, TX (FRG7000, RF2200); Brian L. Jones, Houston, TX (DX302); Rufus Jordan, Pittsburgh, PA (DX302, Zenith Transoceanic); Mark Konen, Milwaukee, WI (IC-R70); Bill Krause, Anoka, MN (R7/DR7, ICF2001); Kraig Krist, Falls Church, VA (FRG7700); Terry Krueger, Casselberry, FL (IC-R70, RF4900, RF2900); Steven Lare, Holland, MI (2-B, FRG7700mod); Arnold Lausevich, Milwaukee, WI (HQ180C, RF4800); Jerry Lineback, Conroe, TX (R7); Tom Mazeltine, Seattle, WA (FRG7, ICF5900W); John McKeller, Pullman, WA (DX160); Travis McLemore, Clearwater, FL (FRG7); John Meyer, Kellnersville, WI (RF2800); Don Moman, Edmonton, Alberta (R70, TS430, ICF-5900); Don Moore, Santa Barbara, Honduras (FRG7, ICF7600A); Bill Muzyka, Woodside, NY; Nick Pappas, Fairless Hills, PA (SPR4); Sheryl Paskiewicz, Manitowoc, WI (DX302); J. Gary Pate, Baltimore, MD (R1000); Wilder A. Pickard, Evanston, IL (R7, XCR30); Gene Purdum, East Lansing, MI (FRG7700mod); Steve Reinstein, Miramar, FL (R70); Christos Rigas, Chicago, IL (R2000); Ken Schachat, Portsmouth, NH (R70); Bryan P. Sharpe, Castro Valley, CA (DX302); Dan Sheedy, Encinitas, CA (R1000); Trevor Stanley, Flagstaff, AZ (NRD515); Steve Summers, Mechanicsburg, PA; Ron Trotto, St. Cloud, FL (DX100); Dave Valko, Dunlo, PA (DX160, FRG7); Terry Weinhold, East Earl, PA (R1000); Eric Witzig, Annandale, VA (R1000); Philip Worob, Austin, TX (DX160); Robert Zilmer, Rio Rancho, NM (R1000, ICF5900W).

"Grumbles from the DE" Dept.- Each month I have repeatedly requested that contributors cut their loggings into separate strips. Last month, approximately forty percent of the contributions I received were in letter form. Many were from members who had regularly cut their loggings apart in the past. So once again, I'm requesting that you cut your loggings apart before you send them in. This'll save me a lot of time and aggravation as the deadline for contributions approaches. Thanks for your cooperation.

Remember, the deadline is the twelfth.

73's and good DX,

Nick

HAP THANKS: Tom Mooningham, Jim and Nan Hawthorne, Bill Matthews, Chris Gibbs, E. Southwell, J. Bruckner, Bill Plum, J. Kapinos. Thank you for the donations... Sam.

HAP DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any five(5) for \$1.00: New since last issue: WBWA, KPLU, Radio Reporter, WXQR and WJNC. We also have the following: Radio Tees, Radio Leeds, WBTW, WKKE, Radio Milano International, Radio Canada International, KWK, Swiss Radio International, Radio France International (large) (circular) (blue) (red), Radio Vatican (square) (semi-cir.) (small), WLBV, WMAL, KMJK, Radio Sweden International (small) (large) (cir.), WCBW, KCFM, ANARC (small), CKGB, CFTI, Radio Moscow (red) (green), Radio Berlin International, RNE (cir.) (soccer), WDR Radio (small) (rock), WQMR, Radió 270, KROR, KFOG, 55-Country, KLRZ, WMET, KBAM, Rete Quattro, Polskie Radio (green) (blue) (gray) (orange), Radio Budapest, BDKC, KYTD, RIAS, 6WF, Radio DeeJay, ORF, 6KY, 1ZB, Metro Radio, WGLB, KBDF, KVET, KBOI, KKFY, KPWN, KOME, NQMF, KDKD, WCFL, KTKQ, WEZZ, WLRB, WEEI, WZZO, KROY, WLUP, KLOS, KWIP, KGB, KYXX, KLLO, WINS, WDET, WPLJ (Stones) (Who) (AC/DC) (Doors) (Rock n Roll), WLLZ, WWCO and ESPN.

HAP BID ITEMS: ITEM #1: KGBX "Bo Duroc Pig" color photo (3.5x5") sharp! #2: Televisone Abruzzese (Italy) sticker (4" cir.) m/c. #3: Radio Nacional do Brasil sticker (3.5" cir.) m/c-beautiful!! #4: Radio Mexico sticker (3x4.5") m/c. #5: Radio Berlin International (DDR) large plastic litter bag, m/c. #6: WLNA razor, yellow, B&W. #7: Radio Koper-Capodistria (Yugoslavia) sticker (2.5x3") m/c. #8: CKOI-FM sticker (3x7.5") red, white, blue. #9: Deutschlandfunk (FRG) sticker (5x6") m/c-nice! #10: KROW sticker (4x4") m/c-beautiful! #11: Radio West (UK) pen, red, white-nice! #12: KVOO whistle, yellow, black. #13: Radio Cayman (Cayman Islands) sticker (3.5x12") orange, B&W-rare! #14: West Sound-The Voice of Ayrshire (UK) sticker (2x10") blue, white. #15: RAE (Argentina) QSL card w/ "Las Malvinas" and station seal. (3.5x6") m/c-collectors item! #16: VOA sticker (3" cir.) red, white, blue. #17: Radio Clyde (Scotland) key chain, red, white. #18: Radio Metropol (Italy) sticker (3.5x5") m/c. #19: Radio Vatican QSL card (4x6") m/c. #20: WYNE "Rock and Roll Pirates" sticker (3.5x9") m/c-beautiful! #21: WDAE "Tampa Bay Bucs" sticker (3x10") m/c. #22: Radio 210 (UK) decal (4.5" cir.) m/c. #23: KAOI (Hawaii) sticker (4x7.5") blue, B&W-very nice! #24: 4XD (New Zealand) sticker (1.5x7.5") blue, white. #25: BBC (UK) older style QSL card (4x6") B&W. #26: CFOX sticker (4.5" cir.) m/c-beauty! #27: Radio West decal (3.5x6.5") m/c. #28: KNUJ (Hawaii) sticker (4x7.5") red, white. #29: Radio Piu (Italy) odd shaped sticker, m/c-nice! #30: Radio Sweden "Keep in Touch" sticker, over 2' long! blue, yellow. #31: IBC (Italy) sticker (3x5") purple, white. #32: Radio Lince (UK) decal (2x12") m/c. #33: SUV (Australia) sticker (2.5x10") brown, yellow-nice! #34: Radio Jamahiriya (Libya) C60 studio cassette tape w/ Libyan music "Jamahiriya" featuring "Al Fatah". #35: Radio Jamahiriya C60 studio cassette tape "Rahiba Thawriyah" featuring "Africa for the Africans". #36: Radio Jamahiriya C60 cassette tape "Green Skies" featuring "Arab Dawn". #37: Radio Jamahiriya C60 studio cassette tape "L'Epoca del Popolo" featuring "In the Name of Islam". #38: Radio Jamahiriya C60 cassette tape "Unity for Liberation" featuring "The Green Book". #39: Radio Libertaire (France) sticker (3.5x4") B&W. #40: Radio Bucharest (Romania) key chain, m/c. #41: IBC/Radio Time (Italy) sticker (2.5x7.5") m/c-very nice! #42: Radio Sweden medium sized poster, m/c. #43: Radio Kelly Milano (Italy) sticker (4x4") m/c-sharp! #44: Radio Bristol (UK) sewing kit with thread (2.5x3"). #45: Radio Devon (UK) decal (3x6") m/c. #46: Radio Forth (Scotland) sticker (5x6") m/c. #47: CBC Radio T-Shirt iron-on decal "90 Minutes with a Bullet" m/c-rare! #48: CBC Radio T-Shirt iron-on decal "Dr. Bundolo" m/c-rare! #49: Radio Berlin International pin, blue, white. #50: Europe No. 1 sticker w/ DJ photo, blue, B&W (2.5x7"). #51: Radio Nacional de Espana very large soccer poster, m/c-sharp! #52: Radio Benelux (Holland) sticker (4" cir.) red, black. #53: Radio Sweden money pouch, black, gold. #54: Radio Veronica (Holland) C60 cassette tape of Dutch pirate station. #55: Alaskan Radio C60 studio cassette tape of 1960s Alaskan radio stations! #56: Latin American tape C60 cassette tape of LA stations-very nice! #57: Radio Vatican C60 studio cassette tape of Rosary by Pope John Paul II. #58: Radio Renascenca (Portugal) C60 cassette tape of Portuguese popular music. #59: Radio Canada "1967 Expo" QSL card (4x7"). #60: Radio Canada SW Club QSL card from 1974 WDXFY autographed by Ian McFarland-rare! #61: RCI (Canada) QSL card "1971 new transmitters" (4x7") m/c. #62: RCI "WARC-1979" QSL card (4x6") m/c. #63: RCI "1976-XXI Olympiad" QSL card-nice! #64: Italia-TV sticker (3x3") m/c. #65: RCI laptop pin, 2 tone-nice! #66: Devon County Radio (UK) sticker (3x4.5") m/c. #67: H-TV (UK) decal (1.5x13") red, white, blue. #68: VOA 6" ruler for 1976 "40th Anniversary"-rare! #69: Red Rose Radio (UK) decal (5x5") m/c. #70: Manx Radio (Isle of Man) QSL card (4x6.5") B&W. #71: Radio Japan 3 different QSL cards, m/c-nice! #72: BBC Radio Bristol decal (5" cir.) red, white. #73: Radio Peking pin, red, blue, white. #74: Radio Peking pin, dark blue. #75: Radio Peking pin, gold, blue. #76: Radio Peking pin, blue, white. #77: WDR Radio (FRG) station pen, blue-very nice! #78: BBC World Service metal badge (1.5" cir.) red, white, blue. #79: BBC Radio Hallam (UK) decal (2.5x13") m/c-sharp! #80: BBC Radio Hallam sticker (1x12") orange, B&W. #81: BBC Radio Nottingham (UK) sticker (3x7") m/c. #82: WWWW (Virgin Islands) sticker (3x5") blue, white. #83: 4GC (Australia) sticker (7" cir.) on "Boat Safety" m/c-beautiful! #84: HCJB (Ecuador) paper pennant (4x9") black, yellow. #85: Radio Sweden cloth pennant (4x10") blue, yellow. Hope you like a few of these items... Sam.

ADDRESS: Send your orders for direct sale items and your bids to: Sam Barto, 47 Prospect Place, Bristol, CT, USA 06010

ADDITIONAL DIRECT SALE ITEMS: The following stickers/decals are \$.50 each: Deutsche Welle (Green) (blue), 2CH, BBC Radio One, Voice of Turkey, Radio Peking (blue) (black) (green), Radio El Mundo, Radio Nederland, KTTS, KGBX, BRT, 4MK, Radio RSA, ANARC (large), Radio Vatican (sticker-type pennant), 4XO, WDR-TV, RTE Radio 2, Radio Rumbó, CKCR, Radio London-266, Radio Avon, 2YB, Radio Rhema, Capital Radio, CDXC, Radio Waikato, Canales TV, Radio City-299 and Radio Caroline (white) (black).... See you next time... Sam.

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EXECUTIVE DIRECTOR & PUBLISHER - Bill Oliver, 45 Wildflower Road,
Levittown, PA 19057

BUSINESS MANAGER & TREASURER - Mac Leonhardt, P.O. Box 13, Liberty, IN 47353

SHORTWAVE CENTER - John C. Herkimer, 3233 East Ave., Caledonia, NY 14423

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