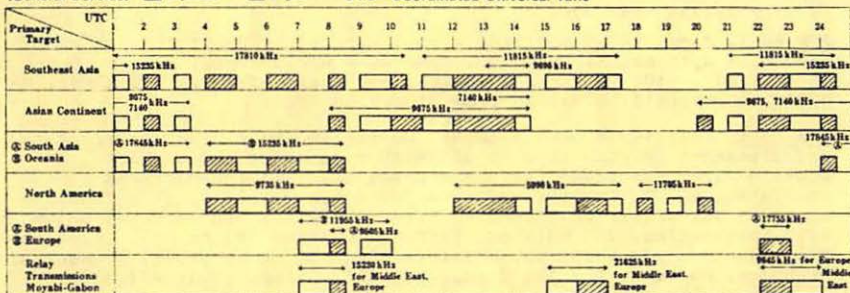


# FRENDX

## TIME & FREQUENCY SCHEDULE

(May 4 - Sept. 6, 1986)

(General Service)  Japanese  English UTC = Coordinated Universal Time

### (Regional Services)

Transmission	UTC	Local Standard Time	kHz (adj)	Language (ans.)
North, Central & South American & Hawaiian Service	UTC	01:30 - 03:30		
	Honolulu	18:30 - 17:30	17825(16)	Japanese(30)
	Mexico City	19:30 - 21:30	15195(19)	English(60)
	Panama PST	20:30 - 22:30	15420(19)	Spanish(30)
North American Service	GMT	04:00 - 05:00		
	Chicago EST	23:00 - 24:00	11705(25)	English(60)
European Service(I)	UTC	05:00 - 07:00	11955(25)	Russian(30)
	Paris, Rome Bonn, CET	06:00 - 08:00	9570kHz	Swedish(15) Italian(15) German(30)
	Moscow	08:00 - 10:00	Via Gabon	French(30)
European Service(II) - Middle East & North African Service	UTC	19:00 - 20:00		
	Tunis Bonn	20:00 - 21:00	7135(41) 6080(49)	German(30) French(30)
	Cairo	21:00 - 22:00		
Australian & New Zealand Service	UTC	09:00 - 10:00		
	Sydney Wellington	19:00 - 20:00 21:00 - 22:00	11875(25) 15235(19)	English(60)
Southeast Asian Service (II) (III)	UTC	11:15 - 12:45		
	Jakarta Manila	18:15 - 19:45	11875(25)	Indonesian(60)
		19:15 - 20:45	15235(19)	English(30)
	UTC	13:00 - 16:00		
	Rangoon Bangkok Singapore Kuala Lumpur Taipei	19:30 - 22:30 20:00 - 23:00 21:00 - 24:00	11780(25) 9325(31)	Vietnamese(30) Malay(30) Chinese(60) Thai(30) Burmese(30)
South Asian & African Service	UTC	19:00 - 18:30		
	Cairo Beirut, Nairobi	17:00 - 20:30 18:00 - 21:30	9673(31)	Bengali(30) Hindi(30) Urdu(30) Arabic(30)
	Karachi New Delhi Dhaka	20:00 - 23:30 20:30 - 24:00 21:00 - 00:30		French(30) Swahili(30) English(30)

### Relay Broadcasts via Canada Starting on October 1st, to Improve Reception Conditions in North America

Radio Japan plans to lease the transmission facilities of Radio Canada International in Sackville, New Brunswick, Canada, in order to relay its broadcasts to North America. The contract with RCI is expected to be signed by the end of August or early September, and the 250kW transmissions, which will be for one hour for both the English and the Japanese programs, are scheduled to start on October 1st this year.

At present, Radio Japan broadcasts to Europe, the Middle East and Africa are relayed via Gabon in West Africa. As remarkable improvement has been achieved by the Gabon relay, the planned relay via Canada is expected to improve reception conditions in North America, including New York, Washington, and other big cities on the East Coast of the United States.

# RADIO JAPAN

NO COLLECT CALLS ON THESE ADS, PLEASE.

FOR SALE: Yaesu FRG-7000 digital receiver, 250 kHz-29.9 MHz. With manual, \$285.00. Yaesu FGR-7 receiver, 500 kHz-29.9 MHz. With Gilfer modifications, GAR-7 digital readout, and manuals, \$250.00. Pearce-Simpson VHF marine transceiver Lo-Hi power crystallized for Ch's 6-16-22-26-68 and two Wx channels, \$150.00. All are in excellent working condition and prices are negotiable. Money orders only. Abe Lewkowicz, 13 Blanchard Road, Apt. #1, South Weymouth, MA 02190. Phone (617) 331-5500 after 2200.

FOR SALE: Collins R-390A in excellent shape. Extra tubes and ten issues of Hollow State Newsletter. Price \$250.00 plus shipping in two boxes by UPS. ALSO: Palomar Loop Antenna for medium wave DX, \$65.00 plus UPS shipping. Fritz Mellberg, 1505 Central, Hawarden, IA 51023. Phone (712) 552-2458 evenings.

FOR SALE: Yaesu FRG-7 modified with 3 kHz filter by Gilfer. In mint condition with manual. \$200.00. Icom GC-4 world clock, \$50.00. Dentron Super Tuner, \$100.00. Stephen Leite, 190 Healy Street, Fall River, MA 02723. Phone (617) 675-2830 from 2100-0200 UTC.

FOR SALE: Sony ICF-6700W, \$150.00. Customized Beam Headings (from/to) and distances (MI/KM) to over 355 WRTH transmitter sites. Useful in picking alternate transmissions and selecting listening times based on distances. ITU Country Codes included. Send your location/coordinates, \$5.85. Gilfer Confidential Frequency List, 5th edition; Guide to RTTY Frequencies, 2nd edition; FRENDX, complete '84 or '85, \$5.00 each. All items include shipping. Chasiers check or money order, please. Al Drehmann, Route 1, Box 3B, Tryon, NC 28782. Phone (704) 894-3398.

WANTED: Issue #72 OF Glenn Hauser's R.I.B. (Jan. 83). Will buy or copy and return to you. John C. Schmid, P.O. Box 86, Line Lexington, PA 18932.

WANTED: Hallicrafters S-41G Skyrider Jr. receiver with gray cabinet, circa 1940s, operating or non-operating but visually clean and complete. FOR SALE OR TRADE: Hallicrafters Skychampion receiver, more than 40 years old, \$33.00 includes shipping. Hallicrafters S38-D receiver, more than 25 years old, best offer to include shipping. Admittedly not DX machines, they operate and look great in a shack, particularly the quain Skychampion. I ran out of room and something has to go. Don Jensen, 5204 70th Street, Kenosha, WI 53142.

FOR SALE: Regency HX-1200 portable scanner in excellent condition with all original accessories plus mobile adaptor/charger and copy of "Monitor America" book. Price \$175.00. ALSO: Yaesu FRA-7700 Active Antenna in excellent condition with original carton. Price \$35.00. ALSO: Kenwood R-11 portable SW radio in excellent condition. Price \$40.00. Gary Russo, 2565 East 1st Street, Brooklyn, NY 11223. Phone (718) 339-3587 evenings.

**1987 World Radio TV Handbook**

The 1987 WRTH will be published in Dec. 1986 or Jan. 1987 and retail at approx. \$21.95;

prepublication orders are being taken at \$14 Book Rate or United Parcel Service (please specify) in the USA only. CA residents, please add 84 cents sales tax. For First Class Mail, please add \$2. The deadline for this special price structure is 20 September 1986. Thereafter, until further notice, the price is \$17 for Book Rate or UPS; First Class Mail will be \$20. Orders, with check or money order payable to CENTURY PRINT SHOP, should be mailed as early as possible to: Century Print Shop, Don Erickson, 6059 Essex St., Riverside, CA 92504-1599. (Please mention your club affiliation or source of info when ordering). Inquiries welcome at (714) 687-5910. Back copies of WRTH, 1981 through 1984, may be ordered at \$12 ea., 2/\$21, 3/\$29, 4/\$36, mix or match years.

# CONTACT

Editor: Stephen G. Moye, 178 Bartlett Ave., Cranston, RI 02905 Phone: (401) 941-6497

The Northeast is, as I write this, being treated to an ugly and oppressive bout of hot and humid weather. Even listening to the radio is an unpleasant occupation: after a moment or two, you find yourself wrapped in a pall of heavy, dead air; perspiration is cascading down your back; and atmospheric interference is making even the international broadcast bands sound like the 120mb on a bad day. Well, if this is the case as you're reading this, go sit in a nice, cool, and breezy place and mull over the interesting letters that we've received this month...

Robert Horvitz (ANARC Government Affairs Liaison, 1634 15th Street NW, Washington, D.C. 20009; (202) 232-3677) has again thoughtfully provided us with a press release (dated 23 June 86) dealing with the latest position taken by ANARC with respect to the recent modifications to the **Electronic Communications Privacy Act-1986**(ECPA-86):

In a brief and sparsely attended session today, the US House of Representatives, by voice vote, passed HR4952, ECPA-86. There was no debate, and no amendments were offered from the floor.

The bill had been favorably reported out of the House Judiciary Committee on 10 June, on a vote of 34-0. The Subcommittee on Courts, Civil Liberties, and the Administration of Justice, chaired by Rep. Robert W. Kastenmeier, developed HR4952.

Senator Patrick Leahy has introduced an identically-worded bill, S2575, for consideration by the Subcommittee on Patents, Copyrights, and Trademarks. A Subcommittee aide "expects it to move pretty quickly," with a mark-up session likely sometime after July 14th, following Congress' holiday recess.

The Association of North American Radio Clubs opposes the radio provisions of the bill. By absorbing radio into the larger legal category of "electronic communications," and making it illegal to "intercept" electronic communications except for the types specified in HR4952, the bill would overturn a fundamental assumption that has governed radio reception since the first radio law was passed in 1912: that is, if someone can receive a signal in their home, they may do so. The ECPA-86 would make it a crime to detect some of the signals passing through our very bodies, by declaring them to be not "readily accessible to the general public," even though in fact they are readily accessible.

The Justice Department has indicated that enforcement of the radio provisions of the bill would be virtually impossible, except in cases of egregious violations. The FCC (which was not invited to testify on the House bill) has suggested that the Communications Act of 1934, which permits reception but not divulgence or beneficial use, is an appropriate standard for the protection of communications when the method of transmission itself makes the communication available to anyone within range.

Also vigorously opposed to the bill is the Communications Security Association, which says that it is "ludicrous" to think that an unenforceable law can have any deterrent effect.

My thanks, again, to Robert Horvitz and all others involved for their hard work on our behalf. Were you struck, as I was, by the observation that the FCC was not invited to testify? Surely, the FCC is ideally situated to view this problem most clearly and offer the most telling opinions concerning any piece of communications legislation. It sounds to me like somebody's mind is already made up, and they don't want to be bothered by facts...

I am very pleased that Mike Nikolich's portable transmitter idea has been greeted with such enthusiasm. From Nelson George (Fayetteville, North Carolina) comes the following letter and suggestions:

Mike Nikolich seems to have the correct solution to the "transmitter" proposal. What surprises me is that nobody had advanced this proposal before now. When Gerry Bishop's idea first surfaced in the January CONTACT, I immediately thought of the "DXpedition" type of solution. But when nobody advanced the idea, I concluded the DXers more experienced and knowledgeable than I (that category should include just about everyone) had already considered and rejected the idea. Perhaps I was wrong.

The idea is feasible -- I recall that a while back one of the Scandinavian clubs persuaded Radio Syd in Gambia to return to shortwave for a time. I'm sure that Radio Syd had much less incentive for a shortwave broadcast than our Caribbean nations do.

The Caribbean, for various reasons, does seem to be the choice area for the project, whatever form it takes. I'll leave those reasons to Messrs Nikolich, Palmersheim, et al -- they can probably do a better job than I of putting it into words. But, we had better get started on the project soon -- else we will still be talking about it into the next century!

First off, someone in the DC area could check with the Embassies of some of these countries to get their ideas of such a project. It also might be a good idea to check with our own State Department before we go galavanting off to do radio transmissions for a foreign country. Someone in New York or Miami could check with Trade Missions, Tourist Bureaus, etc. of those countries.

Second, get together a team willing to make the trip and conduct or coordinate the actual broadcasts.

Third, get some subscribers to pay for part, or all, of this project. (Can't expect our broadcast team to foot the entire bill for all that "fun in the sun" can we?)

One last thought -- government red tape could be formidable and would probably dictate our choice of countries for the project (I notice that nobody has suggested the U.S. Virgin Islands or Puerto Rico for a shortwave broadcast -- some other countries could be just as difficult as our own FCC).

I will return to Nelson's proposals in a moment after we have taken a look at two more letters on the same subject. Both letters deal primarily with the original stationary transmitter concept, but also offer a lot to think about regardless of the transmitter format. The first comes from Don Moore (Glendale Heights, Illinois):

It's been interesting to follow the buy-a-transmitter debate in FRENEX over the last several months. One theme which has started to come up seems to ask if it is moral to supply a third world nation, of presumably hungry people, with a radio transmitter when apparently it is the least of their needs. Having worked in an underdeveloped country with a large malnutrition problem (my field was nutrition!), I think I can say yes, it is. An old saying goes: "If you give a man a fish, he eats for one day; if you teach him to fish, he eats for a lifetime." Giving food is a short-term solution that often causes more problems in making the population dependent on handouts and undercutting the local farmers. The key to helping a poor nation is to create jobs. Building a factory or helping to develop new markets for their agricultural produce are the best ways, but that's large scale and outside our realm.

However, most of the Caribbean islands have been basing their future development in large part, and sometimes almost exclusively, on tourism. These small nations do not need SW for domestic coverage. But they do need cheap ways of publicizing themselves as tourist destinations. Shortwave can do that. Even if it brings in only a dozen extra tourists a year, it will help to keep some local people in their jobs. I have a feeling it could eventually bring in more, especially among SWLs who want a foreign vacation accompanied by a visit to a SW broadcaster.

If you're making a trip to a Third World country and want to see as much of your money as possible help the poorer people, I have a few tips. Patronize locally owned hotels and restaurants. Their profits are more likely to be reinvested in the local economy than those of an American owned multinational. Buy your handicrafts in the local markets, not the hotel gift shops. You're not only getting a better price (allowing you to buy more), but your money is going directly to the base people of the economy, not the local (or foreign) rich man. Indeed, but as much as you can from the common people.

A few other comments. One member suggested putting out feelers to our State Department and suggested Grenada as a possible site. No, let's keep this nonpolitical. Our State Department need not have anything to do with the project, and donating a transmitter to Grenada could taint the project in the eyes of the countries that do not agree with U.S. actions there.

I liked Mike Nikolich's idea of a travelling transmitter. It would provide a lot of new DX targets. However, I think the amount of paperwork involved would be horrendous. First you have to convince the local version of the FCC to grant you frequencies. Also convince everybody that you're not a part of a CIA plot. Arrange to bring the transmitter through customs. Just because the station says that everything is ready for you to come, doesn't mean they've taken the time to check into those things. Third World bureaucracies can be mindboggling!

Finally, a letter from Sam Alcorn (Maplewood, New Jersey) with a number of issues we'll have to address:

Ever since Gerry Bishop suggested supplying a transmitter to a country or organization I've been dreaming about chasing the likes of Bermuda, Jamaica, or Grenada on shortwave. I've thought about the British and U.S. Virgin and St. Kitts as well. I, for one, would like to see it happen.

I don't care which country gets the transmitter because I think if one country can prove that it helped to attract tourist dollars, others may begin thinking that a shortwave station is just as important as advertising in the Sunday newspaper travel section. But it has to be proven a useful tool in attracting tourism. Maybe the Curaçao Tourist Board can provide data as to how its advertising on R. Earth contributed to Curaçao's economy.

Let's keep the programming simple. Rebroadcasting a few hours of the local commercial broadcaster's program each evening with appropriate IDs at the start and conclusion of each broadcast will save production costs and eliminate headaches that go along with creating another broadcast. And, after all, it is the local flavor we shortwave listeners want most. I don't care about slick programming. Let me know the local news, weather, politics, and music. (That's why I like R. Cayman 1555kHz, and R. Grenada 535kHz, so much.)

Funding is a real stickler. Perhaps with the Caribbean Basin Initiative someone can coax the money from Uncle Sam, or pick up used equipment from the government. Maybe the project could be implemented with assistance from U. S. military personnel (they put R. Grenada back on AM again), the Peace Corps or one of the missionary groups in the region. (If a missionary group is involved, I suggest that the facility not be used to broadcast religious-type programming. You can hear enough of the Gospel elsewhere on the dial.)

Another funding source might be hobbyists themselves. As the Reagan Administration has argued, let those who use the facilities pay for the facilities. If ANARC can convince member organizations like NASWA to add \$1 or so to each subscription or membership, I'm sure enough cash can be raised for a transmitter. If not, why not ask the equipment manufacturers or suppliers who profit from the hobby to put something back in the way of a no-strings-attached donation?

There's been enough talk about the idea. Let's do something about it. Count me in for support and letter-writing.

Well, in view of the issues raised by these, and all of the previous, letters, perhaps it is time to begin to establish some goals, priorities, and to begin to fix the principles on which this project should be based. Here goes:

\$1. This project should be as independent as possible from non-radio/SWL organizations: our purpose is to help the country/organization with our talents and not to further the goals of yet a third party (too many cooks...).

\$2. Monies raised for this project, therefore, could most easily come from the membership of one or more radio clubs: an optional membership or subscription surcharge of \$1 to \$2 ought to do the trick (optional because no idea, no matter how good, ought to be rammed down people's throats).

S3. It seems to me that part of the necessary start-up expenses would be the purchase (or, ideally, the donation) of portable transmission equipment: this assumes the greater ease of implementing the portable transmitter plan (see below).

S4. In order to carry out #3 most effectively, it would probably be wise to make contact with any Amateur Radio organizations or individuals that might care to interest themselves in this venture: in doing this we 1) gain access to a great deal of technical assistance, and 2) create new, useful, and rewarding lines of contact with another part of the radio community.

S5. Preference is given to a portable transmitter because: 1) mistaken choices of recipient country/organization can be easily rectified; 2) cost of the project is considerably decreased and is thus rendered possible; 3) government and economic red-tape associated with buying and giving a full-scale transmitter is greatly reduced; 4) a greater range of people and interests can be served; 5) finally, we avoid any suspicion that we have misplaced our priorities in spending huge sums of money on a technological bauble when more basic needs might have been met.

S6. SWLs/DXers will be accommodated by QSLs: the club(s) involved in the transmitter project should take care of this -- the host country ought not to have any responsibilities in this regard.

S7. The project should go forward only after the appropriate embassies and/or consulates and/or trade missions have been consulted.

S8. It seems to me that, to be on the safe side, the opinion of the U. S. State Department ought to be canvassed to ascertain if there are any possible difficulties in the way of this work.

S9. Some research should be done about the ease (or lack of it) with which temporary frequency allocation is accomplished; further, we should see if it would be easier to work within the Amateur Radio bands (particularly if we take along a Ham) than the International Radio bands.

Whew! We certainly have our work cut out for us. If I've missed something that you think is important, let me know. Any research carried out (suggested by the points I've made) and reported on would be very gratefully received. If you want to help out, just drop me a note. Let's get going: I think it's a great idea and ought to happen. My thanks, as always, to both readers and writers alike. I hope that, if you have not written to CONTACT yet, you will take pen in hand and do so soon.

### S S CONTACT NOTES S S

With profuse apologies to Duke Alexander, permit me to confess that I completely forgot to include a note in last month's CONTACT which we had discussed on the telephone in a very nice conversation. He asked me to tell you that the Radio Earth DX Coffee Mug is still available. It is a very handsome and serviceable mug -- I use mine every morning. It is available from Duke (\$6.00 postpaid in the USA): 14113 Stoneshire, Houston, Texas 77060.

In case you were wondering... Yes, the type face (or font) does indeed change from month to month; I hope that this does not cause any undue distress. The reason is that, depending upon circumstances, this column may be prepared either on an Canon TYPESTAR-6 or an Apple Macintosh (using either Microsoft WORD or Apple MacWrite). This column, for instance, was prepared on the Mac with MacWrite, and printed in 9-point Geneva on an Apple Imagewriter.

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# Easy Listening

Editor: Alex Batman, 4618 Alvin Dark, Apt. 34, Baton Rouge, LA 70820

## SUNDAY

- 1415--1435: "Echoes of Korean Music" (Radio Korea). This program alternates its focus on pop and traditional Korean music. Commentary between songs is devoted to Korean culture and special cultural events in Korea. (15.575/ 9.750)
- 0110--0115: "Letter from Berlin" (Deutsche Welle). The usual "Letter from--" format. A loosely structured essay about events current in West Berlin, including current charges against the mayor of West Berlin, cultural events, and other items of newsworthy significance. (6.040/6.035/6.145/9.545. Repeated at 0310 on 5.960/6.010/ 9.545/9.565/9.640 and at 0510 on 5.960/6.120/6.130)

## MONDAY

- 0010--0030: "Matters of Faith" (Radio Australia). Unlike so many evangelistic programs current on shortwave, this program takes a more cerebral approach to religion in general rather than Christianity per se. Past programs have featured such items as the ordination of women in the Anglican church, customs of Ramadan and the growth of Islam in Australia, and also features on the belief systems of the indigenous peoples of the South Pacific. (15.320/17.795)
- 0230-0245: "Spotlight" (Voice of Free China). Each week features an interview and some songs of either a current Chinese pop or folk artist or sometimes a musician visiting Taiwan (one series of programs featured the American singer "Lobo" who was giving a concert in Taiwan). Usually the interview will cover two to three weeks of programs, and autographed pictures of the featured artist are frequently available on request. Also, they play some of the songs. (5.985/9.680)

## TUESDAY

- 1215-1225: "Airmail" (Radio Finland International). The usual mailbag corner program. Reads letters from a worldwide audience (not exclusively North American), summarizes part of the letter and reads some excerpts verbatim. Also answers some questions briefly and occasionally in some detail. (15.400/11.945. Repeated at 13 and 1400 on the same frequencies).
- 1300-1315: "Belgium Today" (BRT). A current events program covering three items per day as a general rule. Past features have included nuclear arms storage in Belgium, terrorism (especially that of the "Fighting Communist Cells"), obituaries of famous Flemings, etc. (15.590. Also M-F on 9.830 at 0030). T-Saturday.

## WEDNESDAY

- 2030-2100: "Music at Your Request" (Radio Moscow). This program alternates with "Listeners' Request Club". Unlike "LRC", "Music at Your Request" plays requests for classical music only (sometimes only excerpts for lengthy pieces). Almost every edition includes

some work or excerpt of a work by Tschaikowsky. (11.840) Every other week

0135-0140: "Visitors in Cuba" (Radio Havana Cuba). This program is a continued series of interviews with those who are visiting Cuba, usually for some professional reason like a conference or convention. Stresses the benefits of a socialist system in Cuba. (6.100/6.140/9.740. Repeated at 0335 and 0535 on 6.100/6.090/9.740)

#### THURSDAY

0015-0020v: "The Struggle for National and Social Liberation" (R. Tirana). A long title for a fairly short program. Focuses on revolutionary movements in other countries, including Paraguay, Panama, Greece, etc. (7.065/9.760. Repeated at 0245 on 7.120/9.760)

0145-0150: "Book Choice" (BBC). This program reviews current releases in the publishing world. Both fiction and non-fiction works are reviewed, and the quality of the review (written by different people each week) is what you've come to expect from the BBC. (5.975/6.175)

#### FRIDAY

0120-0130: "Cultural Review" (Radio Prague). A review of the current cultural events in Czechoslovakia, including a jazz festival, a puppeteers convention, and an interview with John Updike who was visiting Prague. Actually one of the better programs I've heard on Radio Prague. (5.930/7.345/11.990)

0225-0230: "The Land and the People" (Radio Beijing). A special features programming, concentrating more on human interest than current affairs. Past programs have featured traffic problems in Beijing, the Beijing telephone operators, courtyard homes in Beijing, and the survivors of an earthquake ten years after the event. I find this program to be quite interesting, but then I find anything to do with Asian culture interesting. (9.635/6.015 RFI relay. Broadcast earlier in the day direct from China at 1125 on 9.535, at 1225 on 9.535/9.640, and at 0425 on 15.445)

#### SATURDAY

1330-1335a. "Periscope" (BRT). I have no idea where this program got its title. It is a five minute look at current events, including trade with Libya, the European Union (different from EEC), and other events of current newsworthy significance. (15.590. BX earlier on Friday at 0100 on 9.830)

0230-0245: "DX Corner" (Radio Japan). A good, solid DX program that includes a feature on the "ABC's of DXing" for the novice, special features on different stations, essays written by members of Japan's DX clubs on a variety of topics of interest to SWTs, and Reception Reports (usually three per program). The main fault I find with this program is that all reception reports are of stations heard in Japan rather than from a world wide audience, and thus the use to North Americans is a bit limited. Still a good program. (15.195/15.420/17.825).



# Soundwaves

Editor: Paul Lannuier, 25 MacArthur Ave., Closter, NJ 07624

Greetings. Hope the summer is being good to all. It's new radio time for me: I picked up a used Sony ICF-7600D (aka ICF-2002) at the Gilfer/E.A.R.S. flea market. It comes in handy since I've been spending a lot of time on the road this summer. I've not yet had the opportunity to get the thing totally integrated with my antenna setup at the home QTH, but the results that are obtained with a twenty foot piece of wire are impressive. And I still can't believe the size of the thing (smaller than a WRTH)!

Here's a list of some of the things I've been hearing.

**Turkey:** TRT's General Service in Arabic has been pounding in at my QTH the past couple of weeks on 15220 kHz. In fact, I've noticed it has been going on well past it's 1600 UTC sign-off, as listed in WRTH '86.

**Greece:** Athens' foreign service features plenty of Greek folk and popular music, and is easily heard here during the evening hours on 9420 kHz. Look for English newscasts at 0130 & 0340 UTC.

**Spain:** One night last month, I heard Radio Exterior de Espania do a profile of the Spanish heavy metal band Baron Rojo. These guys play some quality rock'n'roll with Spanish lyrics. Unfortunately, because of the language difference, this band never gets any serious airplay in this country. (I've only heard them on college FM stations.) I was pleased to catch about 30 minutes of their music on REE. Once again, I must praise shortwave broadcastings ability to deliver new and interesting material (be it music, literature, or whatever) to audiences that would otherwise have no other exposure to it.

**Reggae:** I received a press release from Daniel J. Miller (1604 Plover Springs Drive, Plover, WI 54467) announcing the birth of Sunsplash Radio International. The following are excerpts: "...SUNSPASH RADIO INTERNATIONAL (SRI) will be the first all reggae music station on shortwave. In an effort to expand the worldwide audience of reggae music, SRI was created to bring the world a monthly, two hour program of the best and newest that reggae has to offer. SRI is not a radio station in the traditional sense; we will be using the transmitter of another shortwave station (not of yet finalized at this time) [sic] to air our programs to the world." More info can be obtained by writing the above address.

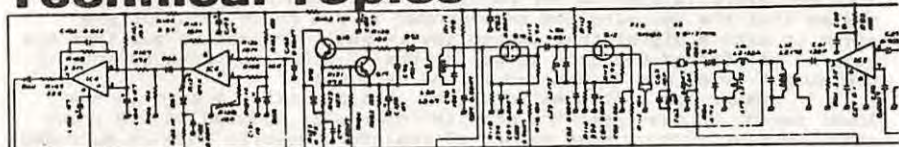
**Belgium:** Peter Dillon, who seems to be the only person contributing any loggings lately, has been listening to "Music Box" on the English service of Belgische Radio en Televisie (BRT). The program, which covers a wide range of Belgian music, can be heard during BRT's Monday (UTC) transmission at 0030-0125 on 9830 KHz. Peter notes that their schedule doesn't list this frequency, but it is the only one that he hears them on.

**Other Notes:** The new Monitoring Times arrived the other day, and I'm very pleased to report that the merger between MT and International Radio has been successfully pulled off. My only disappointment is that IR's regularly featured "Advance Program Details" section was omitted. Hopefully it will return in future issues. Otherwise, it is a gem of a radio publication. Messrs. Grove and Miller, and all else involved, deserve pats on their collective backs.

That's all for this time. I'm still waiting for contributions (hint!). '73's to all,

*Paul*

# Technical Topics



Editor: T. J. "Skip" Arey, WB2GHA, P. O. Box C-4, Cinnaminson, NJ 08077

LET'S PLAY POST OFFICE  
OR  
LETTERS, WE GET LETTERS

Well by now some of you have noticed that I did not make it up to ANARCON 85. There was a great deal of discussion in the World Court at the Hague about letting me out of the country being an act of aggression toward a foreign nation. Gee wiz... You perform a few indiscretions at one international convention and you pegged for life. I mean we could have blamed all those things on A<sup>2</sup>C<sup>2</sup>E, right? All kidding aside, personal and financial commitments got in the way this year. (Remember, we don't get paid for this folks) Just wait till next year. I am still on tap for the National Radio Club Convention in Delaware over Labor day so I'll see you there.

I received a lot of great feedback from the Gilfer/ E.A.R.S. SWL-FEST held in June. Keep up the good work folks. Why should the hams have all the fun?

Anyway, this month I promised to dip into the old mail bag and actually get around to answering some of your questions.

Jim Feely is the proud owner of a Kenwood R-2000 and he asks a few questions pertaining to its use that apply to many of the new breed of communications receivers.

The first question is; Why does the Kenwood have an AGC Fast switch and a squelch control?

Well Jim the reason is primarily that Kenwood expects a bigger market for this gear than us lowly shortwave freaks. As an SWL person you can basically ignore those two buttons except when you want to impress some YL with your radio prowess. (And over here, sweetheart, we got the AGC control. See how my bicep flexes when I turn it over to the fast position...) These features are geared to the Amateur radio operator. The AGC Fast control is used for listening to CW and SSB signals and the Squelch is used for net operations but in the case of the R-2000 it mainly exists for use with the UHF/FM converters that are available for this rig. If you do any Ham listening or follow point to point utilities you will find a use for these controls but much beyond that, don't stop just smile as you go by.

Jim also informs us that he is using a Grove Mini Tuner 3, Realistic External Speaker, and Drake LF-2 linefilter. Jim goes on to ask, Why are these features not included in radios of this quality?

Yo Jim, I already told you that you have two switches more than you need. Actually these are all fine additions that cost you just under \$100 to add to your set up. Of course they could be added at the factory and of course the price would go up and of course less people would buy the radio etc., etc. I had the chance to talk with some folks in the marketing strategy end of the home electronics industry and they lean toward putting out a piece of hardware geared to the broadest audience possible leaving the extras to the options end of the market. Take your own R-2000 for example. If you were the kind of DXer that used tuned dipoles for specific bands and listening strategies would you then go out and buy a receiver with a built in tuner? A tuner that has raised the price of the radio by \$50+ dollars over a similar competitor? Or if you were a headphones only listener why would you want to spend extra cash on a speaker you will never use? I do agree with Jim on one point. I think a line filter should be built in. When your selling a piece of equipment that can potentially fritz out from a line surge when your neighbors air conditioner kicks in, it would seem to be good engineering to add a line filter. I guess it all comes down to costs against profits. But anyone who is operating a modern receiver without a surge protector must really get their jollies out of driving down to the service center.

Our next letter comes from Emily H. Bershad. She is having recording trouble. She can't seem to get the signal of her Panasonic RF 3100 successfully over to her Panasonic QQ 2 309A Recorder. Emily states that she is using the recommended RP 024 patch cord but she comes up with a signal that is too low in gain. She points out that the gain on the Record Out jack is set on the RF 3100 and wants to know if the output level can be changed in the receiver.

To answer the last question first, Yes but it is a pain in the lower parts. On most gear the gain is internally reduced to the input jack, usually through some manner of resistor network. This is supposed to result in a signal that will not distort when dumped to a recorder. This reduced gain can also occur via a resistor network built inline into some commercially available patch cords. In the case of the gear you are using, Emily, I would first get ahold of a VOM meter and check to see if that RP 024 patch cord isn't reducing an already reduced signal. The cable should show no resistance end to end. If it is resistive you could get a straight through patch cord at your local Radio Shack. The other possibility is that there may be an impedance mismatch. The output of the RF 3100 is low (4-8 ohms) check your recorders manual and make sure your input jack is also low. Once again if everything doesn't look kosher you can find an impedance matching transformer at the local electronics outlet or stereo store. Still no good huh? Well if you must you can look over the schematic of the radio and you will find a two resistor circuit just ahead of the output jack. You can try juggling these values until you get the desired effect. When I was deeply involved in Medium Wave DXing I was fond of modifying the Radio Shack IRF AM portables. I found the output levels to be so different from radio to radio that no two ended up with the same resistance values wired in. But there is a cheap and dirty, good old fashion way to get your signal if you already have a signal reducing patch cord on your hands. You can just hook it up across the antenna terminals or jack in through the headphone jack and you may get what your looking for. Without the specs on the recorder and cord I'm kind of half in the dark on this one. Sorry I can't be of more help, but the challenge of sorting this problem out is right up the alley of a first time radio modifier. In this case most anything you try will not result in a puddle of melted components and you can learn a great deal from the experimentation. My suggestion to anyone with a similar problem is to not go into the rig but buy some jacks to give you access to all the signal outputs, earphone, headphone, tape, etc. and conduct your experiments with resistance or impedance from these points. You will develop a healthy respect for ohms law along the way.

#### CATALOG CORNER

AMATEUR ELECTRONIC SUPPLY  
4828 W. Fond du Lac Ave.  
Milwaukee, WI 53216  
(414) 442-4200

Every year my AES catalog comes and I sit for hours drooling over all the gear they list. If I'm feeling particularly obsessed I might even make a list of my dream station just in case I hit the Lottery. They have it all folks, most receivers and accessories at competitive prices. While the catalog is geared toward the Ham, it lists all popular SW and UHF listening post gear as well. They include a complete line of MFJ and Palomar accessories.

COPPER ELECTRONICS INC.  
4200 Produce Road  
Louisville, KY 40218

This catalog is geared mainly toward the CBer's out there in radioland but it is worth a look for its limited components section, its antenna mounting hardware and its hilarious mailbag page.

DC ELECTRONICS  
PO BOX 3203  
SCOTTSDALE, AZ 85257

An excellent and complete components catalog that even includes good old project boxes. One of the few parts suppliers left that is not top heavy with computer components. Really worth the stamp.

Keep those cards and letters coming folks! REDI KILOWATT LIVES!!!



# Computer Corner

Editor: Bill Cole / 107 Charles Street / N. Cape May, NJ 08204

## QSL REPORT

I was muddling about trying to decide what to do with the August column when the July FRENEX arrived. Low and behold, in CONTACT I ran across Mike Nikolich's complaint about log strips and Stephen Moya's comment about his using his computer to automate the process. I thumbed through back editions of FRENEX to the December 1984 Computer Corner. There it was, Log Processor, a program to prepare, print your loggings in NASWA format and also save them to tape or disk.

I then remembered that Tom McElvy of NASWA and the Old Dominion DX Association had modified this program to print QSL reports for submission to FRENEX. Back to the July FRENEX, sure enough, each page in QSL REPORT contained several QSL's submitted by Tom. That solved the problem of the August column.

```
1 REM ****QSL REPORT****C64 EDITION****
2 REM BY TOM MCELVY, P.O.BOX 9645, NORFOLK, VA 23505
3 REM ADD YOUR NAME TO LINE 45 AND YOUR NAME AND ADDRESS TO LINE 102.
6 REM
10 PRINT"Q":PRINTTAB(15)*QSL REPORT*:PRINT:GOTO200
15 PRINT"Q":INPUT # OF QSLs TO BE ENTERED (MAX. 10)*Z:IFZ>10THEN15
20 FORY=1TOZ:PRINT"QSL #*Y:PRINT
25 INPUT"COUNTRY":A$(Y):PRINT
30 INPUT"STATION NAME":B$(Y):PRINT:INPUT# OF DAYS *C(Y):PRINT
40 PRINT"QSL DETAILS (UP TO 79 CHARACTERS)":OPEN1,0:INPUT#1,D$(Y):
41 CLOSE1:PRINT
45 E$(Y)="MCELVY":PRINT:INPUT"DATE":F$(Y):PRINT
55 PRINT"ANY MISTAKES? Y=YES N=NO"
60 GETA$:IF A$=""THEN60
65 IF A$="N"THENNEXTY:PRINT"Q":GOTO200
70 IF A$="Y"THENPRINT"Q":PRINTTAB(12)*DO QSL #*Y*OVER*:PRINT:GOTO25
75 GOTO60
100 X$="":Y$="QSL REPORT"
101 Z$=" "
102 W$="TOM MCELVY, P.O.BOX 9645, NORFOLK, VA 23505"
105 PRINT"Q":PRINT"PRINTING QSL REPORT":FORY=1TOZ
110 O=30-LEN(F$(Y)):IF O<2THENO=2
120 OPEN1,4:PRINT#1,X$:PRINT#1,Y$:PRINT#1,X$:
125 PRINT#1,"(1)*A$(Y)SPC(2)*(2)*B$(Y)SPC(2)*(3)*C(Y)
130 PRINT#1,"(4)*D$(Y)SPC(2)*(5)*E$(Y)SPC(2)*(6)*F$(Y)
140 PRINT#1,Z$:PRINT#1,W$:PRINT#1,Z$:PRINT#1:PRINT#1:CLOSE1:NEXTY
145 PRINT"Q":PRINT"LISTING PRINTED."
150 PRINT:PRINT"PRESS ANY KEY."
155 GETA$:IF A$=""THEN155
160 PRINT"Q"
200 PRINT"THESE ARE*Z*:LISTINGS IN MEMORY. PICK"
205 PRINT"THE PROCESSING YOU WISH FROM THE MENU*":PRINT:PRINT:PRINTTAB(18)*MENU*
210 PRINT:PRINTTAB(9)*A. PREPARE NEW LISTINGS*
215 PRINT:PRINTTAB(9)*B. HARDCOPY LISTINGS*
220 PRINT:PRINTTAB(9)*C. SAVE TO TAPE/DISK
225 PRINT:PRINTTAB(9)*D. RECALL FROM TAPE/DISK
226 PRINT:PRINTTAB(9)*E. DISPLAY LISTINGS*
230 GETA$:IF A$=""THEN230
235 IF A$="A"THENCLR:GOTO15
240 IF A$="B"THEN100
245 IF A$="C"THEN300
250 IF A$="D"THENCLR:GOTO400
251 IF A$="E"THEN500
255 GOTO230
300 PRINT"Q":INPUT"FILE NAME TO BE SAVED":F1$
301 PRINT:PRINT"PRESS KEY FOR T TAPE OR D DISK."
305 GETA$:IF A$=""THEN305
310 IF A$="T"THENPRINT:GOTO325
315 IF A$="D"THENPRINT:GOTO330
320 GOTO305
```



# NASWA Awards Program:

Awards Chairman: John M. Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA 01545

The Red Sox are in first place, in the morning we leave for Montreal and ANARCON-86, so we're generally in a jovial mood today. Even the lack of QLSs in our mailbox doesn't have us down too much.

During the month of June, 1986 the following folks earned NASWA Awards:

Edward BAKER, England : Senior China DXer, European Continent DXer, World Wide DXer, Asian Continental DXer, Arab World DXer, Soviet Sphere DXer, All Continent "QRP" DXer (50 Kw), Ecclesiastic DXer.

William F. FLYNN, Newark, CA: Master DX Centurian, All Continent "QRP" DXer (5! KW), Maple Leaf DXer.

Rick KRZEMIEN, Walnut Creek, CA: Senior DX Centurian

Brian W. LAWRENCE, Walnut Creek, CA: World Wide DXer, DXer de Pacifica Masaru NAKAGAWA, Japan: DX Centurian, All Continent "QRP" DXer (25 KW), Master China DXer, Master Indonesian DXer

Terry J. PALMERSHEIM, Columbia Heights, MD: Arab World DXPert, Master Pacifica DXer

Jerry RAPPEL, Davenport, IA: World Wide DXer

Dennis RICHARDS, New Haven, CT: European Continental DXer

Donald E. WARNER, New Carlisle, OH: European Continent DXer

Robert M. WEISS, Fairfax, VA: European Continent DXer, World Wide DXer

Harold J. WOERING, Easthampton, MA (my home town): European Continent DXer

#### \*\*\*\*KAP'S KOMMENTS\*\*\*\*

Our congratulations to Terry Colgan and Robert Horvitz for receiving the ANARC Executive Council Award for Excellence at the ANARC Convention in Montreal. Congratulations are also in order to Gerry Dexter, North American DXer of the Year; Dr. Bruce Elving, Specialty Band DXer of the Year; Jens Frost (of WRTVH fame), International DXer of the Year and to our own Glenn Hauser, International Broadcaster of the Year. These ANARC Awards are all presented for meritorious service to the hobby and their accomplishments over the years.

We've still got a lot of the 1986 Edition of the NASWA Country List and Awards booklet available. \$2.00 in North American, \$3.00 elsewhere via Air.

I'm looking for any Radio related software for the IBM-PC compatibles. My machine is a Leading Edge Mode D, 640 K, twin floppies. I have both Lotus 1-2-3 and Multimate, so any templates can also be used. Kindly write advising what you have and any costs involved. I'll be more than fair.

Till next month,

Best, Kap  
7/17/86

Once again an ANARC Convention is history. Others much more qualified than I will write of the technical details, such as the WARC Intercessional activities, the ITU Region 2 Medium Wave Broadcasting Conference and the International Frequency Management Seminar and Open Forum. Our report will center on the general and social aspects of the Convention.

Many have stated that the hobby is "in trouble" due to declining club memberships in some cases, the sunspot count, etc. This was certainly not in evidence over the weekend of July 18-21, 1986 as nearly 300 folks trekked from all corners of the world to the Holiday Inn Place Dupuis. What was in evidence was the exuberance and varied interests of the crowd. We in NASWA specialize in SWBC, but the UTE, MW, FM-TV and VHF-UHF UTE groups were also in attendance.

As is well known, the Canadian Dollar not the world's strongest currency these days. It's sort of strange to walk into the local McDonald's (conveniently located across the street from the Inn), order a Big Mac, fries and coke, hand over \$10.00 U.S. and receive \$10.05 in change. Enough on economics, back to the convention.

Two large salons were filled with exhibits. Every Major International Broadcaster was well represented. Danny Dong of Voice of Free China, which made its first ANARC appearance, was a hit of the crowd. Gene Reich and Dr. Kim Andrew Elliot of VOA spent long hours explaining why US residents cannot receive VOA "goodies" such as T-Shirts, hats and pennants (Congressional mandate), Ian MacFarland of RCI spent equal hours explaining why RCI only QSLs once a year (budgetary restraints). Old friend Jeff White assured us that Radio Discovery will soon be reliably heard outside of downtown Santo Domingo. Arthur Cushen advised that Radio New Zealand's funding for higher power transmitters is coming along quite well.

Among the club displays, we must give credit where it is due and offer a tip of Kap's cap to the Ontario DX Association for their super display.

Many interesting seminars were offered, but as is the case with many conventions, some of the best were held in local pubs. The cry of "another Molson messeer" was well and often held in the area. The local merchants did quite well selling souvenirs, with the language barrier being broken by our Pidgin French and their equally Pidgin English.

We're very happy to report that the engineer of the infamous Radio Habana Cuba "hum" transmitter is now employed as the chief engineer for the Holiday Inn's elevator system. Each trip was as much as an adventure as White Water Rafting. We'll not go into detail re the Grade Prix de Montreal One Man Wheelchair Race down Rue St. Catherine with Jim Conrad at the controls and a one Kap propulsion system. Nor will we get into the "Case of the Missing Leg", also authored by Jim Conrad. Don Hosmer of MARE is in the final stage of planning the 1986 Tierra del Fuego DXpedition, radio optional. Many additions were made to Steve McNeil's world famous collection of serial numbers. Canada Post now guarantees fortnight delivery to the US.

One highlight was the boat trip around Montreal Harbor. Once the "Case of the Missing Cabs" was solved, a good time was had by all. These boat rides have become so popular that ANARC has decided that any future Conventions must be located near a large body of water.

To outgoing ANARC Executive Secretary Terry Colgan go our best wishes for a speedy recovery.

To all those involved in the herculean effort to put on this fine convention - ya done great. And to all those reading this miracle insomnia cure,

*Best, Kap*

DI SHOWS: By Day of Week

Shortwave DI Program	DI Show Start Time	Transmission Start Time	Country	Station	Freq							Target Area			
					81	82	83	84	85	86	87		88	89	90
** DAY OF THE WEEK: Sunday															
SML Digest	0005	0000	Canada	R Canada Int'l	9755	5960	0	0	0	0	0	0	0	0	NA
SW Merry-Go-Round	0220	0200	Switzerland	R Swiss Int'l	12035	11925	9885	9725	6135	0	0	0	0	0	NA
DI Party Line	0230	0200	Ecuador	HQJB	9870	6230	0	0	0	0	0	0	0	0	NA
SML Digest	0305	0300	Canada	R Canada Int'l	9755	5960	0	0	0	0	0	0	0	0	NA
SW Merry-Go-Round	0420	0400	Switzerland	R Swiss Int'l	12035	9885	9725	6135	0	0	0	0	0	0	NA
DI Party Line	0630	0500	Ecuador	HQJB	11910	9870	6230	0	0	0	0	0	0	0	NA
Talkback	0710	0400	Australia	R Australia	17795	17750	17715	15395	15320	15240	15160	11910	0	0	Americas
Talkback	0910	0900	Australia	R Australia	15415	11800	11720	9655	9580	0	0	0	0	0	As/Pac/PapNG
Talkback	1230	1200	Australia	R Australia	11800	9770	9580	7215	7205	6080	6060	5995	0	0	As/Pac/PapNG
Shortwave Panorama	1230	1230	Austria	DRF	15320	11955	11915	6155	0	0	0	0	0	0	NA/Eu/Rus
World of Radio	1300	1200	USA	MRNO	9715	0	0	0	0	0	0	0	0	0	0
Radio Connection	1725	1658	USA	KCBI	11735	0	0	0	0	0	0	0	0	0	0
World of Radio	1730	1658	USA	KCBI	11735	0	0	0	0	0	0	0	0	0	0
Radio Connection	1800	1658	USA	KCBI	11735	0	0	0	0	0	0	0	0	0	0
DI Corner	1920	1900	Israel	Kol Israel	13725	12077	11960	11610	9435	9009	0	0	0	0	NA/Eu/Air
Talkback	2040	2030	Australia	R Australia	9620	9580	0	0	0	0	0	0	0	0	As/Pac/PapNG
DI Programme	2145	2100	South Africa	Radio RSA	11900	9585	7270	0	0	0	0	0	0	0	Air
DI Corner	2150	2130	Israel	Kol Israel	13725	12080	11960	9860	9435	0	0	0	0	0	NA/LA/Eu
DI Corner	2215	2130	Bulgaria	R Sofia	15330	11720	0	0	0	0	0	0	0	0	NA
SML Digest	2305	2300	Canada	R Canada Int'l	11710	9755	0	0	0	0	0	0	0	0	Carib
DI Corner	2320	2300	Israel	Kol Israel	9860	9435	7410	0	0	0	0	0	0	0	NA
R Sofia Calling	2345	2300	Bulgaria	R Sofia	15330	11720	0	0	0	0	0	0	0	0	NA/W Eu



** DAY OF THE WEEK: Friday		Netherlands		Netherlands		R Netherlands									
Media Network	0250	USA	0230	WHRI	9895	9590	6165	6020	0	0	0	0	0	EMA	
Sweden Calling Oters	0310	USA	0258	WHRI	7355	0	0	0	0	0	0	0	0	0	
SM Merry-Go-Round	0330	USA	0258		7355	0	0	0	0	0	0	0	0	0	
SM Club	1415	Hungary	1400		12000	11910	9835	9585	7225	0	0	0	0	0	Eu
Radio Connection	1800	USA	1658		11735	0	0	0	0	0	0	0	0	0	
Radio Connection	1900	USA	1658		11735	0	0	0	0	0	0	0	0	0	
World of Radio	2000	USA	1658		11735	0	0	0	0	0	0	0	0	0	
R Sofia Calling	2045	Bulgaria	2030		11735	0	0	0	0	0	0	0	0	0	Afr
R Sofia Calling	2345	Bulgaria	2300		15330	11720	0	0	0	0	0	0	0	0	NA/W Eu
** DAY OF THE WEEK: Saturday		USA		WRND		WRND									
World of Radio	0300	USA	0300		6185	0	0	0	0	0	0	0	0	0	
Talkback	0310	Australia	0300		17795	17750	17715	15395	15320	15240	15160	0	0	0	As/Pac/PapMG
SM Club	0315	Hungary	0300		12000	9835	9585	9520	6110	6025	0	0	0	0	NA
R Sofia Calling	0645	Bulgaria	0630		15140	11720	0	0	0	0	0	0	0	0	W Eu
DI Listeners Guide	0830	Guam	0730		11735	0	0	0	0	0	0	0	0	0	
Radio World	0910	Belgium	0800		15515	9880	0	0	0	0	0	0	0	0	Far East/NA
DI Party Line	0930	Ecuador	0700		11925	9745	6130	0	0	0	0	0	0	0	S Pac
DI Listeners Guide	1330	Guam	1330		9870	0	0	0	0	0	0	0	0	0	
SM Merry-Go-Round	1545	Switzerland	1530		17830	17570	15570	15430	0	0	0	0	0	0	E Afr
Talkback	1610	Australia	1500		9580	7215	7205	6080	6060	5995	0	0	0	0	As/Pac/PapMG
Radio Connection	1800	USA	1658		11735	0	0	0	0	0	0	0	0	0	
Radio Connection	1900	USA	1658		11735	0	0	0	0	0	0	0	0	0	
Waveguide	1945	England	1900		9515	0	0	0	0	0	0	0	0	0	NA
DI Radio Tips	2030	Turkey	2000		17725	9560	9535	7215	0	0	0	0	0	0	SE As/MR/NE/Eu
SM Digest	2035	Canada	2000		11875	17820	15325	11945	7185	5995	0	0	0	0	Eu
SM Merry-Go-Round	2115	Switzerland	2100		12035	9885	9590	0	0	0	0	0	0	0	Afr
DI Party Line	2130	Ecuador	2130		17790	15270	0	0	0	0	0	0	0	0	Eu
SM Digest	2135	Canada	2130		17820	15150	11945	0	0	0	0	0	0	0	Afr
DI Radio Tips	2230	Turkey	2200		17725	9560	9535	7215	0	0	0	0	0	0	SE As/MR/NE/Eu
World of Radio	2330	USA	2230		9852	0	0	0	0	0	0	0	0	0	



# Listeners Notebook

**GLENN HAUSER, P.O. Box 490756, Fort Lauderdale, FL 33349**

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**A L B A N I A** R Tirana in EG: 00 Am 9760 7065, 0130 Am 9755 7120, 0230 Am 9755 7120, 0330 Am 7300 6200 1458, 0430 Af 9480 7300, 0630 Eu 9500 7080, 07 As/Au 11985 9500, 0930 As/Au 11985 9500, 1230 Am 11960 9555, 14 As/Au 11985 9500, 1630 Eu 9480 7065, 1730 Af 15435 11985, 1830 Eu 9480 7065, 1930 Af 9500 7075, 2030 Eu 7065 1395, 22 Eu 9480 7065 1395. Half an hour each.

The only bcs in AB: 00 Am 9790 7300 6200, 02 Am 9790 7300 6200, 04 Eu 1215, 06 Eu 6200 1215, 10 Eu 1215, 13 Eu 7090 1458, 18 Eu 7090 6170. One hour each. Fqs may vary up to 5 kHz (WBI 4/7) AB bcs contain some nice folk mx (gh)

**A N G O L A** R Nacional, 4952.6, 7/5 0402 s/on w/NA, drums, ID, Icl mx, revly talks, 0415 ID, report on socialism; SIO 343. This stn wanders up and down the 60 mb, so take care to get a clear ID! (Roland Schulze, Stuttgart, FRG)

**A N T I G U A** R Reloj, Havana, reported 26/6: Offl US radio stn VOA is to install a high-power xmtr on Antigua for pgms to E Carib. Agmt grants US permission to use island for ideological propaganda purposes and was signed by Antigua/Barbuda For Min Lester Birm [sic--Bird] and US Amb in St John. Per VOA plans, stn'll be completed in autumn 1989 and'll boost bcng power of the plan [sic] currently op'ing on Antigua, which carries radio pgms originating in Wash. Last year, US offl stn VOA began bcng to neighbouring Lam countries as result of a modernisation project reportedly costing over a gigabuck (WBI 4/7) Ho hum, I'll wager the agmt did not use the language 'for ideological propaganda purposes'. VOA press release says 100 kW MW xmtr'll be built near Mt Coke, on S side of island, to replace current portable 50 kW unit on N side, 1580 kHz (gh)

**B A N G L A D E S H** [Cf July LN-22] Last month it seemed the V of Islam svc had been discontinued; since hrd 08-0830 on 11645, // unfoand, maybe 12045 as before (Noel Green, UKOGBANI, July DSWCI SWN) It's on 12030 & 11645; rest of R Bang ES sked: 1230-13 EG Eu 17653 15525, 1315-1345 NP 9775 7105, 14-15 Urdu & 1515-1545 Hindi 13615 9640, 16-1630 AR 13670 9640, 1630-18 BG 13670 9945 to ME, 1815-1915 EG Eu 7505 6240, 1915-20 BG Eu 7505 6240 (WBI 27/6)

**B E N I N** R Parakou was off the air from 8/7 to 11/7 due to faulty parts; ops on 7190 5025 936 kHz; per ORTB Cotonou reports (WBI 18/7)

**B H U T A N** R NYAB has changed its name to "The Bhutan Broadcasting Service" from June 1986. Speculation about the new 5 kW xmtr has now been confirmed;

per phone call to Ms Louise Dorji by Sudipto Ghose, she has confirmed that they have started the 5 kW xmtr from 2/6 and are using temporary studios near the old studio. Monitoring from Calcutta reveals that both xmtrs are in use Mon-Sat: 3395 300 W and 6035 5 kW 11-14 (EG 1330-14); Suns on 6035 5 kW only 06-09 (EG 0830-09). 6035 is providing VG sigs and I'm sure DXers will welcome this. Addr is still P O Box 1, Thimpu (Prodyut Banerjee, June IDXCI Asian DX Review) Hard to imagine a worse fq at 1100 than 6035--between VOA & AFRTS, but try (gh)

B O L I V I A R San Gabriel, 6080 listed, was featured in a Miami Herald article, but not yet hrd on this fq. Addr is G. Lanza 2001, La Paz, or Casilla 4792, La Paz. In an answer to the WRTH they claim to use this fq along with 620kHz and 101 MHz; powers 5 kW SW, 10 kW MW, 2 kW FM. MW & SW xmtr location is Chacaltaya, FM on Ceja del Alto, called Radio Color. Slogan "La Voz del Pueblo Aymara". Sked on MW & SW 0830-02. Plan to increase MW power to 14 kW. Proprietario: Arzobispado de La Paz. Dir.Gen: José Canut Saurat, fsc. [Franciscan?]; Dir. Tec: Ing. Miguel Gutiérrez. (Finn Krone, July DSWCI SWN)

R La Cruz del Sur, 4875, gave this info to WRTH: Addr Cajón Postal 1408, La Paz, or Calle Nicaragua 1759, La Paz. O&O by Unión Bautista Boliviana. Dir.Gen: Rodolfo Moya Jiménez. Dir.Tec: Mario Mamani Cuzco. On 10 kW MW they shifted to 740 from 730 in May, w/xmtr in zona "El Ingenio" as is the SW on 4875. FM 95 MHz is in zona "Villa Dolores". MW & FM sked 0930-21; SW 0930-14 & 15-17 - making reception in Eu almost impossible (ibid.)

AFP, Paris, reported 7/7 from La Paz: Owners of R Acción Cultural Loyola [ACLO] report their stn completely destroyed when two big bombs exploded early that morning in Tarija, 958 km S of La Paz. Said 5 hooded individuals entered stn, beat and tied up night guard Tomás Orosco, who is currently in a coma; and they destroyed the eqp. Tho not yet known who criminals are, stn has received phone threats last few days from some conservative political parties. R ACLO, belonging to Bol Jesuit priests, has largest audience in region including the southern Bol dept (Tarija, Chuquisaca, Potosí) and part of N Argentina; dedicated to improving living stds of peasants (WBI 11/7) Is that the stn on 600 kHz in WRTH? It's supposed to be in Sucre (gh)

B O T S W A N A R Botswana, Gaborone: \*0350 on 4820 3356 972 621 VHF/FM, 05 on 7255 4820 3356 972 VHF, 07 change to 7255 5955 4820 972 VHF, 11 on 7255 5955 972 VHF, 1125 on 5955 972 621 VHF, 15 on 4820 3356 972 621 VHF, 2100\*. EG nx: 0430 headlines w/Setswana; 0510, 1110=M-F, 1125=S/S, 1610=M-F, 1910 (WBI 4/7) On the contrary, VOA J86 fq sked shows this for 621 kHz: VOA relay. 03-0430, 1745-22; R Botswana 0430-14 & 15-1745 (gh)

B R A Z I L R São Carlos, 2420, 22/6 0237 intl mx, clear ID; a rare catch here! (Roland Schulze, Stuttgart, FRG)

Info stns sent to WRTH: R Brazil, 4785, 1 kW, ZYG857; apart from WRTH listed addr also Av Benjamin Constant, 1214, 5º andar, where studios are. Dir.Gen: Dr Synésio Pedroso Jr. Dir.Téc: Erick S Schmidt de Andrade. Dir.Pgms: Dr Ralfo Pedroso. SW sked 0730-03.

R Por Um Mundo Melhor, 4855, info in WRTH 86 still valid; another addr is Avenida Brasil 2770. Dir.Téc: Laurecy de Souza and José Antônio Moura. Dir.Pgms: Paulo Roberto Costa.

R Cultura do Pará is on 5045 w/10 kW, but plans incr to 50 kW. A lot of "da Silva"s at the stn: Diretor Geral: Francisco Cezar Nunes da Silva. Dir.Téc: Antônio Carlos Guedes da Silva. Dir.Pgms: Donizete Alves da Silva. Gerente is Guaracy Rabelo de Souza. SW sked 07-03 (Finn Krone, July DSWCI SW News)

C A N A D A RCI SWL Digest was suddenly retimed in mid-July: the UTC Mon 0306 bc is dropped and replaced by UTC Sun 0006 on 9755 5960; until Nov an addl airing is UTC Sun 0306 on same. Still Sat 2035 & 2135, Sun 2305. Look for some animated discussions on SWL Digest Forum the last weekend of the next two months w/David Newkirk & Larry Magne, recorded live at ANARCON (gh)

C O L O M B I A R Mira rarely reported tho still active, hrd 16/5 1900 on 6015 by DXSF member David Crawford (Terry L Krueger, July DSWCI SWN)

AFP Paris reported 3/7 from Bogotá: Left-wing Col guerrillas from M19 twice interrupted TV xmsns of a mass PJP2 had w/young people of Bogotá; first at 0112 GMT Thu, the second 12 mins later; but the msg from the insurgents, addressed to the pope, was vey weak and unclear: "The new nation rising today to govern,

welcomes you and invites you to Christian thinking about the unjust reality of LAm and the right our people have to conquer dignity." (WBI 11/7)

C H I L E R Santa María, 6030 tells WRTH: addr Bilbao 691, Coyhaique, or Apartado No 1, Coyhaique; CE603 1 kW; inaugurated 12/9/79 and interested in receiving anniv greets. Slogan "R Santa María, la emisora regional de proyección internacional". Owners are Vicariato Apostólico de Aysén. Dir.Gerente: Rodolfo Martínez Leiva. Dir.Téc: Jorge Espánosa Burgos. Sked 0930-03 (Krone, DSWCI)

R Chilena, Stgo, carried an address 2/7 2131 by Guillermo Hormazabal, Dir of the stn, quoting an order just received that the xmsns of his stn and three others--R Cooperativa, R Carrera, R Stgo, should be restricted to ads, mx, and govt-supplied info. Said R Chilena deplores & rejects this measure, and apologises to listeners. AFP Paris reported from Stgo 7/7 that the state of emergency ban on the 4 stns had been lifted; it had been adopted on the first day of the 48-hour natl strike (WBI 11/7) R Chilena reported 8/7 that the president of the stn BOD, Ernesto Corona had met w/a govt minister to reach some understanding to avoid such actions in the future (WBI 18/7)

D E N M A R K R Denmark hrd on 11745 at 2300-2353\* in DN to NAM; G sig 21/6, not on listed 11845; not found on 11925 or any other fq at 0000 (Cf June LN-20) (Ernie Behr, Kenora Ont, 7/7) [Cf July LN-23]

E C U A D O R E.R.P., 5015, 28/6 0301 telephone talks, addr, ID, 0305 start NA to 0308\*, 34333, also rare here (Roland Schulze, Stuttgart, W Germany)

R Mundial, 4860 info to WRTH: Addr León Borja 30-44, Riobamba; still lists itself on this fq tho not active. HCGR5 says SW sked is 10-13 & 23-04; MW 910 is also 1 kW and sked 10-04. Slogan "Primeros en calidad y servicio desde 1949" Prop: Galo Encalada Rodrihuez [sic], Dir.Ger: Galo Encalada Garzón. Dir.Téc: Enrique Camelos Chávez. Addr as in WRTH or Av. León Borja 30-44, Tercer Piso, Riobamba (Finn Krone, July DSWCI SW News)

R Antena Libre, 3240, recently reactivated here, tells WRTH: Addr Calle Sucre y Catedral, Esmeraldas; or Casilla 65, Esmeraldas; studios in "ciudad de los Muchachos, Esmeraldas". 1 kW. Dir.Gen: Luis Velasco. Dir.Téc: P José Siurana. Slogan "verdad y libertad" SW sked 22-03; also on 10 kW MW 1170 11-03 (ibid.)

E L S A L V A D O R DPA nx agcy, Hamburg, reported 11/7: Salv rebels took over two radio stns 10/7 and bc anti-govt msgsg; IDed as FMLN and forced apx 21 employees at R Cadena 1080 and R Cadena Central, in the same bldg, to bc 2 recordings for 10 mins. Police arrived minutes later and interrupted the bcs; released the employees who had been locked up in a room and warned that if they removed the cassettes a bomb'd explode in the control room; which proved to be false, police said (WBI 18/7)

F R A N C E In early July we noticed the R Beijing relays via French Guiana had suddenly disappeared at 0200, and been replaced at 04-06 on 9565 by RFI pgn in EG/FR and SP. We had been worried since the rightist Chirac govt took over that this agreement was endangered (gh) At the broadcasters' forum at ANARCON, Montréal, William Westenhaver asked the rep of RFI to explain this. He confirmed that the relays had been stopped due to pressure from the French govt (David Newkirk, Newington CT)

RFI reported 2/7 that its transcription svc had sent out its 100,000th item since inception 25 years ago. Apparently refers to bc svc called "Médias France Intercontinents", Mon-Sat 0915 & 1515 on SW fqs opting out from RFI genl svc in FR (WBI 4/7) So far, no BBCMS coverage of the Beijing affair (gh)

G A B O N RFI, probably via Gabon, hrd 31/5 0001-0022 on 3745, in FR, clear ID --seems xmttr mixing product, 9800 minus 6055, both Moyabi per WRTH NL; 33343 (Bernhard Gründl & others at a DX camp in S Germany, July DSWCI SW News)

G E R M A N Y W E S T DW in EG: 01-0150 Am 11785 9565 9545 6145 6085 6040. 02-0250 As/Au 11945 9690 9650 7285 6035 5995 1548. 03-0350 Am 9735 9640 9565 9545 6010. 0430-0515 Af 11765 9765 9565 7225 7150. 05-0550 Am 9700 6130 6120 5960. 0615-07 Af 15185 11765 9700 9625. 09-0950 As/Au 21680 21560 17800 17780 15320 15205 15185 15160 11945. 10-1030 Af 21600 17765 9735 7225. 1130-12 Af 21600 17800 17765 15410. 15-1550 Af 17825 15135 9735 7225. 1610-1650 As/Au on 15105 11785 9685 7200 7110 6170 1548. 18-1850 Af 11785 9700 7285. 21-2150 on

G R E E C E ERT complete sked: 00-0150 & 02-0350 Am 9420 9395 7430. 04-0450 ME 15630 12105 9420. 05-0615 Eu/ME 9935 9425 7430. 06-0730 Eu 9420 7430. 08-0850 Azores 15630 9420. 09-0950 Au 17565 15630. 10-1050 As 17565 15630. 11-1120 Eu 11645 9420. 1130-1150 ME 11645 9420. 12-1250 Am 17565 15630 11645. 13-1350 Af 17565 15630 11645. 14-1450 ME 15630 12105. 14-1450 As 11645. 15-1550 Am 17565 15630 11645. 16-17 Balkan 9425=xTu 9395 7430=xTu. 1715-1750 Eu 12105 11645=xTu 9420=xTu. 18-1850 Af 15630=xTu 12105 11645=xTu. 19-1950 Eu 9420 9395 7430. 20-2050 Balkan 9420 9395 7430. 21-2150 Au 9420 9395 7430. 22-2250 Au 9420. 22-2350 Am 11645 9395. 23-2350 Canal Zone 12105. EG mx: 0130, [no mention of 0340], 0940, 1040, 1235, 1540, 1840, 1920, 2335 (WBI 27/6)

H U N G A R Y R Budapest in EG: 01-0130 exc Mon Am 12000 11910 9835 9520 6110 6025. 02-0230 Am same. 03-0330 Mon Am 12000 9835 9585 9520 6110 6025. 03-0315 Wed/Sat DX pgm Am same. 0930-10 Au 17710 15220 15160 11910 9835. Mon-Fri 1050 -1120 Eu 17710 15160 11910 9835 9585. 1415-1430 Tue/Fri DX Eu 12000 11910 9835 9585 7225. 1430-1500 exc Sun As 21665 15220 15160 11910 9835. M-F 16-1630 Eu 15160 12000 11910 9835 9585. 18-1830 Tue & Fri Eu 12000 11910 9835 9585 6110. 20-2030 Eu 12000 11910 9835 9585 7220 (WBI 4/7) One hour later in winter. They missed Wed/Sat 0030-01 Am 12000 11910 9835 9520 6110 6025 (gh)

I N D O N E S I A Antara mx agcy, Jakarta, reported 19/6: govt'll do what it can to improve range of radio & TV xmsns. Due to limited capacity, of state radio, max 250 kW, many Indos overseas often hear mx about their country from for stns using an average of 1500 kW. For Indo to incr xmtrs to abroad from 250 to 500 kW'd require gigarupiah, while even at home some villages in remote areas are still coping w/reception problems, says Info Min Harmoko during a visit to Bali (WBI 27/6) Maybe he means the 'average' ISWBC stn has six 250 kW?

I R A N VOIRI ES on SW, complete: 0130-0230 SP Am 15084 9022. 0330(Ramadan 0630)-11 AR ME 15315 11780 9620 7215. 1100-1730 AR ME 15315 11940 9575 7215. 0530-0630 SP Eu 15084 9022. 0630-0730 FR Eu/ME same. 1115-1215 As EG 15084 [only despite usual reports of two // channels -gh]. 1215-1315 BG As 15085 11790. 1315-1415 Urdu As same. 1415-1515 Pashto 11790. 15-16 BG As 15084. 1515-1615 RS Eu 11930 9022. 1730-18 GM Eu/ME/Am 11930 9022. 1730-2030 AR Eu/ME/Am 15084 7230 7215 7110 incl 19-20 V of the Palestine Islamic Revolution. 18-1830 FR Eu/ME/Am 11930 9022. 1830-1930 TK Eu/ME 11930 9022. 1930-2030 EG Eu/ME/As/Am on 11930 9022. 2030-2130(Ramadan to 2430) AR ME 7230 7215. 2030-2230 Persian Familiar Voice svc Eu/ME/Am 15084 9022. 2230-2330 AR Eu/ME/Am 15084 9022. 2330 -0130 Persian Fam Voice Eu/ME/Am 15084 9022 (WBI 4/7)

I R A Q R Baghdad on 11830 in AR 1930-2028\*v, noted u/WYFR; also on 15130 in AR at 0250-0330+, my unID in July IN (Ernie Behr, Kenora Ont, 7/7)

I S R A E L Kol Israel, 17630, 8/6 0510 DX pgm in EG presented by Ben Dalfen, SIO 433 (M Harsha, Indian DX Club Intl Asian DX Review) Vy strange since 1) I've never known the DX pgm to be on the 15-min 0500 nx & comtry bc; 2) this svc has been retimed to 0400 since mid-May; and 3) 17630 is not currently sked for any svc after 0500 tho it is for 0400 (gh)

I V O R Y C O A S T R Cote d'Ivoire hrd on new 9620 since 22/6, from 2030 hilife mx & FR talk, 2200 FR nx, pop mx & NA to 2401\*; 23/6 until 2403\*; booming sig from new 500 kW xmtr, // 7215 much weaker. Also hrd on 11920 at 2200-2400\*, 21/6 only, instead of 9620 (Ernie Behr, Kenora Ont)

L E B A N O N V of the Natl Resistance reported 24/6: final preparations underway for the 9th May Movement Radio (Arabic: Idha'at Harakat Tis'ah 'Ayyar) a mouthpiece for Elie Hubayqah [former Leb Forces commander] to begin bc'ing, now that xmtr power has been boosted to reach more areas... (WBI 27/6)

V of Lebanon (Phalangist), Beirut, and 2/7: to demonstrate solidarity w/ tomorrow's strike call, all radios bc'ing on MW in the N & S as well as in the [Shuf] mountain and the capital, will obs a 10-min suspension in xmsns from 1030 to 1040 tomorrow [0730-0740 gmt 3/7]. The radios'll signal start of this by bc'ing the same slogan simultaneously. R Free Lebanon (pro-Sham'un) reported 3/7 that this did take place, TV would be off that night and no newspapers tomorrow in support of the General Labour Federation strike (WBI 11/7)

LIBERIA Since 23/6 a stn called ELRZ has been hrd testing on 1260 at 06-08 & 19-21; described as a svc of the Lib Rural Comms Netw w/studios in Zwedru in Grand Geddeh county. Tests of mx interspersed w/anmtns in EG & lcl lang (WBI 4/7)

ELWA reported 8/7: a new 10 kW radio network to be called Basel Christian radio stn is to be constructed shortly in Hardlandsville, Grand Bassa county. Per LINA [nx agency], the stn project is being jointly undertaken by the Christian Education Foundation, CEF and the Basel (?Ministers') Assn, BMA, w/assistance from the Radio Netherlands Intl, a radio (?college) in the Netherlands. During the ground-breaking ceremony on Sun for construxion of the stn, more than 2700 dollars were raised as part of 50K needed for the project. LINA quotes Exec Dir of CEF, Rev Albert (O'Connor) as saying overseas firms have agreed to provide stn w/eqp valued at 40K\$ when completed (WBI 18/7) Maybe SW involved?

MÉXICO LV de la América Latina no longer hrd on SW; monitoring research thruout June shows XEW LV de la América Latina de Caribe [sic] appears no longer to be bcng on SW. Use of fqs arnd 15160 9515 6165 no longer obs. Were still used in late Jan. Anmt on main MW fq 900 now refers solely to that fq (WBI 4/6) The SW usage has been highly irregular for years, and I doubt that not hearing them in June necessarily means they are gone for good. Even when used, I don't think they were customarily mentd on the air so the 900 kHz anmt is not consequential. And how did that extraneous "Caribe" get in there? SCDX Spanish bc 16/7 propagated this error in quoting WBI (gh)

MOROCCO On 6/3 I rcvd on 15350 R Mediterranean Intl at 1700 in FR. 1/7 rcvd confirmation, saying xmtg on 5, 9 and 18 MHz test xmsns. On 9575 reception is VG at 06-24. On the new fq they'll be using 2 x 250 kW xmtrs in Nador. Addr is R Médi Un, 3, Rue Emsallah, Tanger (Raymond Slagt, Aruba, 2/7)

MOZAMBIQUE Emissao Interprovincial de Maputo e Gaza, 4926.8, 4/7 2145 presumed in PT, ment of Moz 2200, time pips, short nx, 2205 time interval [?], short anmt, ID? at 2208\* w/NA. Very rare here; not listed in the TBS from DSWCI! (Roland Schulze, Stuttgart, Federal Germany, 7/7)

NIGERIA R Nigeria, Lagos, reported 2/7: an initial proposal to commercialise the FRCN has been rejected by the govt. Min of Info, Col Anthony Ukpo, made this known in Lagos 2/7. Said fedl govt still believes there is a need for FRCN to generate some funds; govt considering other options apart from total commercialisation, such as allowing corp to go into partial commercial activities. R Nigeria, Lagos, reported 4/7: Bendel state govt has approved merger of R Bendel and Bendel TV; the two para-statals will now be run by a body to be known as Bendel BCing svcs (WBI 11/7)

PAKISTAN R Pak made these changes: TK 1630-1730 on 13665 ex-7165 and 12025 ex-12005 // 9860. WS to UK 1645-19 on 9455 ex-9465, 6230 //. FR 1915-2015 on 11640 ex-11635 // 9465 (Noel Green, UKOGBANI, July DSWCI SWN)

PAPUA NEW GUINEA R Australia reported 8/7: In PNG the govt has threatened to block sked start of TV in 9 days time. PM Mr Wingti said it was vital that TV not start till an inquiry into all aspects of telecomms was completed by next Feb. Said if TV companies failed to act on govt req not to start bcng he'd bring legislation to enforce it. RA Port Moresby corresp Stephen Cotton [phonetic], says Wingti govt ancd in Feb an inquiry into telecomms and it'd been expected that it'd be finished by Nov 86. But inq still to begin and one of the companies, NTN [Niugini TV Net], a subsidiary of a TV stn [NBN] in Newcastle NSW, has advanced plans to start bcng 18/7. PM company, Media NG, which is now partly owned by the Kerry Packer media org of Australia, is also planning to start TV in competition w/NTN (WBI 11/7)

PARAGUAY AFP Paris reported 13/6 from Asunción: Embattled R Nandutí, the aggressive stn jammed for almost a month by unk supporters of Pg Pres Alfredo Strössner, was suddenly able to bc w/out QRM, even making calls abroad, beginning 11/6. QRM discontinued one day before stn owner and dir Humberto Rubin was sked to meet w/UN observer on human rights. UN obs arrived in Asunción 9/6 to hold talks w/reps of various sectors of the citizenry on HR in Pg. Pg govt has declared the UNobs to be its guest of honour and he attended several

receptions the authorities held in his honour. Monitoring 16-18/6: Selective jamming of RN mx reports obs 16/6; intensified markedly 22-2330 17/6 when Rubin was hrd to say: "Well, this is democracy. This is freedom. This is the everyday life of the country itself. So, what more can you ask for, you cannot listen to what you want to listen to, those of you who follow this radio's broadcasts. No one is deceived, and there is no need to deceive... These interruptions will not continue very long. Everything is going to be resolved soon, and tapes we cannot bc now we will surely bc sooner than people think; in a much shorter time than even the pirate thinks. We will be on the air with everything Nanduti has in its archives and it will be an historical event. In a much shorter time than people think we will be offering all the info we want to disseminate in ab solute freedom." During the 18/6 22-2330 mx, Rubin told his interviewee: "This is freedom of the press and expression as understood by pirates. If you want to continue, we are recording your words. This recorded material is being bc by another SAM stn. We are sending them apx 7 cassettes a week. If you want to speak to us keeping this in mind, please go ahead". At end of iv Rubin said: "That was Dr Miguel Abdon Saguier [PLRA leader]. I repeat, we are recording everything. There is already an important network in Eu and another in SAM that are carrying the material that unfortunately cannot be bc in our country." (WBI 27/6)

La Tarde, Asunción, reported 26/6: Rubin met Supreme Court of Justice Pres Dr Luis M Argana 26/6 to discuss this jamming. Upon leaving the SCJP office, Rubin said "I am very happy". Also expressed his confidence in justice and informed Dr Argana about req for injunxion he filed in the courts. Dr Argana told Rubin that court actions take time, assuring him that problems will be solved thru the appropriate channels... (WBI 4/7)

R Nanduti reported 1/7: Pg police have prevented Spanish Franciscan priest Fr Javier Arancón, from returning to the country. Dir of Catholic stn R Charitas, he had been warned about the stn's newscasts. Per the Superior of the Order of Friars Minor, which owns stn, incident occurred 30/6 as Arancón was returning from Buenos Aires. Police at Puerto Falcón withheld his ID documents and told him he could not return. R Charitas has been attacked by the pro-govt press, which charges it w/following a line [passage indistinct due to jamming of RN]. Sources from the Franciscan order have said that Fr Arancón is staying in the adjacent Arg city of Clorinda while efforts are made at the Interior Ministry to allow him to return. Meantime, Charitas reporter Celso Velázquez was released. He was detained last week along w/sev'l peasants on charges of usurpation of private prop in Caaguazu dept, where he was reporting on a land dispute. Velázquez was turnedover yesterday to the Villarica courts. His atty, Juan Carlos Ramírez Montalbetti, obtained his release today (WBI 4/7)

P E R U R Moyobamba, 5015, 28/6 0225 w/romx, slow LA mx, ID & NA at 0300\*, 23332, very rare catch here! (Roland Schulze, Stuttgart, Federal Republic de Alemania, 7/7)

Info provided by stns direct to WRTH: Nevada Radio - Organización Rondon Fudinaga SCRL - says they plan a SW installation, no fq given; until then on 900 kHz OBX6K 24h, and FM 97.1 OCZ6E. Correct addr to: Avda. Victor A Belaúnde C-8 Umacollo, Arequipa. Slogan: "Nevada Radio...La Sui Géneris...LO MÁXIMO!"

R Universal, 3310, gives addl addr Casilla 808, Huánchaq, Cusco. 5 kW SW xmtr is at Cerro Huayraquncu. Proprietario: Dir.Gen: Luis Villasante Colpaert. R Inca del Perú, 4762, o & o by Corp Electrónica Peruana SA, and is now 5 kW ex-1.8 kW, 24h on SW.

Rdif San Martín, 4810, Casilla de Correos 169, Tarapoto, or: Jirón Cabo A Leveau 158, Tarapoto; SW now 3 kW ex-1, and call OAX9R. Xmtr in Barrio Partido Alto some 3 km N of studio addr above. Slogan "San Martín una voz peruana para la libertad". Sked 10-03 on MW & SW.

R Moquegua, 4825, lists this licensed fq, but doubt they've ever more than thought of going on SW. Is 1 kW and OAX6Z, supposed sked 09-19 & 21-05. To change to 49mb in Apr 1987. Slogan "Transmitiendo desde la Capital del Core [Cobre?] Peruano desde la ciudad de Moquegua, Perú". Addr: Casilla de Correos 22, or Jr Ayacucho No. 639, Moquegua.

R Rioja, 5045, Empresa Individual de Responsabilidad, is at Jr Faustino 930-932, Rioja. Props: Teofilo Mori Mendoza & Victoria del Águila Rojas. Dir.Gen: Teofilo Juan Mori Mendoza. Dir.Tec: Jhonny [sic] Mori del Águila. Slogan "la emisora de la insignia roja y blanca". 5045 is OAX9C 1.5 kW 1030-0530; xmtr at Barrio de Cascaiyunga.

R Arequipa, 5950, Calle Palacio Viejo No. 401, or Casilla 657, Arequipa; slogan: "R Arequipa, La Mayor". Ger: Pedro Rufino Zúñiga Gutiérrez, OAX6A 1 kW 11-15 & 22-04 on SW; xmtr is 4 km from V. Uchumayo.

R Santa Rosa, 6045, has renovated xmtrs & eqp this year, so maybe they've reactivated SW in addn to MW; 6045 is OGY4H, 3 kW, xmtr 3 km from studio. Addr Jr. Camana 170, Lima, or Casilla 4451. Studio is in the "interior del Convento Santo Domingo". Ger: P Juan Sokolich A, O.P. Dir. Téc: Hno Ciprián H. 10-0430.

R Cusco, 6195, SCR Ltda, Saphi No. 601, Casilla 251, not active but will be reactivated after maintenance. Xmtr at Moliococha-Sacsayhuaman. Slogan "LV de la Capital Arqueológica de América" MW 1470 sked is 10-03; V by QSL card. (all the above: stns supplying info to 1987 WRTH via Finn Krone, DSWCI July)

RDif San Martín, 4810 [see above]: in March 1986 ownership changed. New owner is José Manuel Chong; Dir. Gen: Edgar Portocarrero. Secretaria is Rosa Ruiz. Rf for stns in Tarapoto is no longer a problem: stns put the rcvd IRC on the envelope instead of stamps and the local PO stamps them. RDif San Martín has one of the nicest letterheads I've received so far.

R Pampas, 4854, had to close down being in late 1984. Former Administrador Luis Mestre is now working as a chemist in Lima. Has still 20 of the formerly used verification formletters left and is willing to QSL old reports. Addr is: Luis F D Mestre Rojas, Estafeta Central de Correos, Lima 1. Registered mail recommended. When writing to him, please take into account that he only earns 20 US\$ a month and has no money left for postage (Michael Schmitz, July DSWCI)

R Victoria, 6021.4 is still active, noted at 1128 & 2300 w/slick format (Terry L Krueger, FL, DSWCI July) But Pedro F Arrunátegui, Lima, reports in R Nuevo Mundo on 6021.3, a new stn in Piura, Huancabamba, R Sensación at 14-1517+

PHILIPPINES [Cf July LN-26] The New Phil Daily Express reported 19/6: Def Min Juan Ponce Enrile 18/6 ordered lifting of two sequestration orders on two govt-run gambling establishments and three privately owned TV nets, i.e. R Philippine Net (RPN-9), Banahaw BCing Corp, and the Intercontinental BCing Corp as well as sister radio stns, 1/3/86. Enrile said seq no longer necessary (WBI 27/6)

FEBC reported 8/7: DZXL [radio] went on the air again at 0635 8/7; was one stn closed by mily due to rallying of Marcos supporters. Ray Pacheco, mx ed of R Mindanao Net, said stn was authorised to continue opns by BGen Hermigilio (?Tahuro) of the Integrated Natl Police. Per him, radio was closed to prevent it being propaganda msgs by Marcos supporters. (WBI 18/7) Manila Chronicle reported 9/7 that DZME, DZEC and DWAD radio stns, were also allowed back 8/7 (WBI ed)

FEBC SW sked, complete, including some unique langs; target As uos: 00-02 EG 15430 11865. 0115-0130 Burmese tribal lang 15410. 0130-0145 Kuki 15410, 0145-02 Metei 15410, 02-0230 Indian tribal lang 15410. 03-05 EG As/Au 15350 11850. 04-09 Std Chinese 11870. 0830-0930 EG As/Au 15350 11850 6030. 09-12 Std CH 9645. 0930-10 EG 6030. 0930-10 Hakka 15350 11885. 10-1030 Amoy 15350 11885. 10-11 Tagalog 6030. 1030-11 Swatow 15350 11885. 11-1130 Hmong 11850. 11-12 Tagalog 6030. 1115-12 Vietnamese tribal langs 9670. 1130-12 Laotian 11850. 1145-1230 Burmese tribal langs 15350. 12-13 Cambodian 11850. 12-13 Viet 9670. 12-1330 Indo 11840. 12-14 Cantonese 6145. 1230-14 Burmese 15350. 13-1330 Viet tribal 9670. 13-14 EG 11850. 1330-14 Tamil 9670. 14-1430 Burmese tribal 15350. 14-15 Cantonese 6140. 14-16 EG 11850 9665. 14-1930 RS 6120. 16-17 Tagalog to Saudi Arabia 11780. 1930-20 GM Eu/Am 6120. 21-22 Std CH 6120. 21-2230 Cantonese 6145. 2130-23 Tagalog 6030. 22-2230 Laotian 9675. 22-24 Std CH 9665. 2230-2325 Indo 9710 9690. 23-2330 Amoy 6145. 23-2330 Hmong 9675. 23-24 EG As/Au 15430 and until 2315 on 6030. 2315-2330 Lahu 11865. 2330-2345 Shan 11865. 2330-2345 Wa 11865. 2330-24 Cambodian 9675. 2330-0115 Burmese 15410 (WBI 18/7)

POLAND R Polonia in EG: 02-03 Am 15120 11815 9525 7270 7145 6135 6095. 03-0355 Am same. 0630-07 Eu 9675 7270 6135. 12-1225 Eu 7285 6095. 1230-13 Af 15120 11840 9675 9525. 14-1430 Eu 7285 6095. 16-1630 Eu 9540 6135. 1630-17 Af 11840 9675 9525 7125. 1730-18 Eu 9540 6135. 1830-1855 Af 11840 9675 9525 7125. 1830-1855 Eu 7285 6135 5995 1503. 20-2030 Af 9675 9525 7145 7125. 2030-2055 Eu 7285 6095. 2230-23 Eu 7270 7125 6135 5995 1503.

Esperanto: 0530-06 Eu 7270 6135 5995 1503. 11-1125 Eu 9525 7145. 1530-1555 Eu 9675 7285. 1630-1655 Eu 7285 6095. 1930-20 Eu 7285 6095. 2130-2155 Eu 7285 6095 5995 1503 (WBI 27/6)

ROMANIA R Bucharest in EG: 02-03 Am 11940 11810 9570 9510 6155 5990 and

5900. 04-0430 Am same minus 5900. 0530-06 Af 11940 9640. 0645-0715 Au 17805  
17790 15335 15250 11940 11810. 1045-11=not Sun Eu 15250 11940 9690. 12-1230  
As 17720. 13-1330 Eu 15250 11940 9690. 15-1530 As 15250 11940 11775 9690.  
1730-18 Af 11810 9690. 1930-2030 Eu 11940 9750 9690 7145. 21-2130 Eu 9690  
7195 7145 6055[sic] (WBI 18/7)

R W A N D A Me thinks the WRTH 86 listing of xmtr as a mere 5 kW on 3330 is outdated, or what I'm hearing here is not Rwanda. What I'm hearing is a substantial signal \*0300 under CHU, that has popular Afro mx, fades up significantly between 0330 & 0355, and then begins to f/out about 0405±. QRM from CHU, 30 over 9 here, is awesome, but a W & M can be hrd rendering nx in FR-sounding lang, but QRM just too severe to say for sure. 0335 W says "You are listening to..." but a beep squashes the rest. 0345, several IDs, one in FR, another in EG, which could be either Rwanda or Uganda. Definitely not Comoros, and'd arbitrarily outrule Uganda, except for the two nights noted, 28/5 & 29/5, the Afro-DX was good but not exceptional; and I'd consider Rwanda being audible beneath CHU at my QTH to be impossible from a 5 kW xmtr except for a truly major opening, such as in July 82, when such as Burundi were smashing in. Burundi, e.g. was not detectable under the Guat 28/5 or 29/5. So all the logic, however lacking an absolutely positive ID, points to Rwanda, unless someone can establish a reasonable power for their xmtr here, I cannot accept it as Rwanda; it simply is not possible. Have I made my point? I SINPO these receptions; during the peaking at 3+143+2. P.S.: There is however one bizarre possibility, and that is CHU so obliterates QRM on its fq that the audio from otherwise weak sigs under get manifested between the beeps--laughable, perhaps, but seeking an answer as to why a 5 kW signal from afar could be noted here under otherwise rather ordinary condx (Maxfield Greenwood, Sedgwick ME)

S A U D I A R A B I A SPA nx agcy, Riyad, reported from Jiddah 29/6: Info Min Ali Hasan al-Sha'ir has approved decision for Saudi radio to xmit the V of the [Gulf] Co-op Council [GCC] as of 15th Dhi al Qi'dah [22/7], at 08-09 on fqs of 2nd pgm. Radios of other GCC states'll link up w/Saudi xmsn of VoCC. Saudi bcs are already crowded: 16 channels, 4 in AR, 12 in various langs (WBI 11/7)

S O U T H A F R I C A R South Africa reported 11/7: Dir-Gen of SABC, Mr Riaan Eksteen, ancd that from 1/9 a number of pgms'll change because SABC has achieved greater flexibility in use of radio & TV channels w/leasing of Intelsat satellite from 1/7. From 1/9 R Orion [pop mx night svc] daily from 9:30-pm on R Suid Afrika [Afrikaans svc] xmtrs, while R Allegro [cl-mx night svc]'d be bc from the same hour on R S Africa [EG svc] xmtrs. R Five's two existing xmtrs'd be expanded to six w/addl stereo FM. R 5 also will bc on existing MW and SW from 1/9 to northern SW Africa. R 5 high-power MW stereo xmtr nr Johannesburg'll be used for xmsn of new pgm R Metro from 1/9--mainly EG, for urban black population; on MW stereo from 5 am to midnight. (WBI 18/7)

S P A I N REE reported 13/7: Due to precariousness of nx situation in Chile, REE'll bc spl nx pgms and bulletins on Chilean situation as from 14/7, as long as anomalous situation lasts; incl in pgm for SAM, last few mins of pgm "América, América", Mon-Fri 00-01 & 03-04 Spain time [Sun-Thu 22-23 UTC 15125 and 9630, M-F 01-02 11815 9745 9530 9360]. REE hopes this will soon cease to be necessary and that future condx'll enable free dissemination of nx (WBI 18/7)

S R I L A N K A Xinhua nx agcy, Peking reported from Colombo 23/6: VOA new xmsn stn will be set up in Puttalam, 75 mi N of Colombo, instead of originally chosen site Iranawila, near Chilaw, 50 mi N of Colombo, per local press. Under agmt signed in Jan 85, stn was to be on kiloacre site at Iranawila; ground-breaking started in March 1985; but actual construction unbegun so far. Building of the stn has evoked a great deal of criticism from the Indian press which alleged that the US might take advantage of the stn to put the Indian Ocean under its naval surveillance. [Gee, what's going on at Diego Garcia? gh] But of-fl sources here said their decision on the change of site was not influenced by India's position. They explained that setting up the facility in Iranawila would've resulted in displacement of 200 families, incl many fishermen, while that in Puttalam, only about 20 fams'd be affected. Another factor: Puttalam a few mi inland than the coastal site at Iranawila; corrosive effect of sea air on eqp'd be lesser. Wash already been informed of Colombo's decision on change of site and its reaxion to decision expected w/in next few days. Eqpd w/four

500 kW xmtrs and three 250s, the new stn, upon completion, would strengthen the VOA signal in SEAs and'd improve VOA worldwide xmsn net, estimated to command 110 megalisteners. SIBC is to have exclusive use of one of the 250s and access to the others (WBI 27/6) Doubt stn'll ever be built (Jayewardene confidant...)

Sinhala Natl svc, 4902 7/6 on new sked moving to 6075 at 0232, SIO 444 (Oli-ver T Goonawardena, SL, July DSWCI SWN)

S U D A N AFP reported 1/7: Sudan R & TV employees'll begin an indef strike 2/7 if govt fails to guarantee to keep bcng neutral. Statement issued by the employees union said that, despite an earlier decision by the transitional govt to keep the system out of politics, "we are now receiving instruxions on what to bc and what to ignore". "We want the apparatus to be kept open for all the people w/out discrimination. We are keen to avoid a previous experiment when radio and tv was exploited by the deposed ruler (ex-Pres Ja'far Numayri) for serving his own ends. We'll continue to resist the govt attempts to run the system into a propaganda tool of the ruling parties." (WBI 4/7)

S W A Z I L A N D R Swaziland reported 3/7: Stn CE Mr Timothy (McKenna) ancs that the Siswati svc of R Swaziland'll have some FM fq changes as from 8/7; Mbabane Mount Kelly will be on 98.1 instead of 92.022. Piggs Peak-Bulembu on 106.9 ex-89.066, and Manzini 89.2 ex-87.69 (WBI 11/7) Cf July LN SOUTHAFRICA

S W E D E N Sveriges Radio reported 24/6: SBC should give up the nx pgms in SP & PT on SW for abroad (as RSI), and should invest instead in e.g. more pgms to Poland and Baltic states. This is proposed by a govt report, completed by the former Minister of Trade, Hadar Cars. At same time, SP lang svc relayed by phone for use by 16 LAm stns would also disappear (WBI 27/6)

RSI reported 27/6: The TV pgm "Sweden Today", produced by Scand-Video of Boraas, can now be seen in 4 continents, now that Hong Kong is added; already via satellite thruout USA, Canada, Eu, Kenya (WBI 4/7) On SPN cable net? (gh)

SCDX via R Sweden is now mostly about computers and other stuff of little interest to DXers, with 2 or 3 mins of DX nx thrown in at the end. The following items were hrd on SCDX 1/7: R Free Afgh, via R Liberty, on 3555 at 0200; Dubai on 3640 at 0330 and on 3550 at 1500. Al fqs are actually in 9 MHz band, and one wonders why a supposedly experienced DX ed would let such obvious bloopers get on the air (Ernie Behr, Kenora Ont, 7/7) They were corrected on the air a week later; said the printer was malfunctioning, or something like that. However, same items appeared on the Spanish SCDX bc w/out error. You exaggerate: usually more than 2 or 3 mins of SW DX nx, but always seems to be secondary; one has the impression that the editor's 'heart' for SW DX long ago was lost to peripheral gadgets such as computers & satellites (gh)

T A N Z A N I A R Tanzania, Dar Es Salaam, reported 26/6: Pres Ali Hassan Mwinyi 26/6 praised R Tanzania for stressing development of Kiswahili both inside & outside the country...nothing but praise for RT's good work for the past 35 years, on its anniversary (WBI 4/7)

T I B E T R Beijing via Lhasa, 9489, 15-17 2/6 in Hindi, 33422 (Mike McGovern, Ireland, July DSWCI SW News)

T U N I S I A RTVT on 9585, hrd from 1730 w/AR mx & talk, 2100 NA, AR nx & mx to 2150\*, strong over RSA 7/6, varies to 2155\*; //12005 in QRM; my unID in July LN (Ernie Behr, Kenora Ont)

T U R K E Y VOT Genl Svc in TK: 23-03 Eu/As/Am 17725 9560 7215. 04-05 Eu/As 9630 9615. 05-09 Eu/As 15220 11860. 09-10 Eu 15220. 10-15 Eu/ME 15220 15160 11955. 15-16 Eu 15220. 16-22 Eu/ME 9535 7280. In EG: 03-04 Am 17725 9560. 1230-13 As 17880. 20-21 Eu 7215. 22-2250 Eu/ME/As/Am 17725 9560 7215 6105 (WBI 4/7)

U S S R [Cf July IN] I would like to see the BBCMS list of R Moscow SSB feeder fqs (Douglas W Johnson, Issaquah WA) NAM svc 22-07 on 7492.75L. 03-04 RSP&P Chinese 13775L. 05-06 Std CH 13710L. 07-14 RMWS 14790U. 0930-10 JP 7492.75L. 10-11 JP same. 11-12 JP 7492.75[not given as SSB but surely is]. 11-12 Korean 13710L. 17-20 RMWS 7492.75L. (WBI 6/6)

Since then Soviet domestic skeds have been issued, with more SSB usage:

Pgm 1: 18-04 on 5815, 04-12 on 14410, R Orbita 4 at 23-04 on 9140, 04-15 on 15600. Orbita-2 at 19-04 & 12-15 on 6805, 04-12 on 14850. Orbita-1 arnd 19-07 on 9905. Pgm 3 at 01-18 on 16330L, Pgm 3 23-16 14850L, Pgm 3 21-14 13710U.

Mayak: 8005U at 23-04, 6825L at 23-02, 5815-U at 23-24, 10670U 02-05, 12205L at 03-15, 16330U at 0430-14, 13735-U at 10-11, 1130-12, 9905U 1300-15, 9210U 15-17, 6825L 15-17, 8125U 19-20, 10140U 20-21, 5815U 2130-23, 6825L 22-23. [skeds are only approx -BBCMS]

Fifth Pgm: 10670U 04-06, 13735U 05-12 [to 13 not given as SSB]. Pacific Ocean pgm 0715-08: 9905U 7492.75L. [Any not specified above are upper] (WBI 11 R Tashkent in EG to As: 12-1230 & 1330-14 15460 11785 9715 7325, 17)

Kazakh R, Alma Ata in KZ to As: 00-0030 5915 5035, 1330-14 & 14-1430 & 15-1530 7255 5915 5035, 16-1630 7255 5915, 23-2330 5915 5035. (WBI 27/6)

Nx for Polar Regions from Moscow in Russian, Mon & Wed 14-1430 on 9490 [BBC MS no longer implies this is as much for Antarctica as for the Soviet Arctic]. TASS Dictation Speed in RS for towns and rayon newspapers, Mon-Fri 06-08 on 9850 9730 7420 7340 6770 5780 837 (WBI 11/7)

U K O G B A N I Re reception of BBC Radio Ulster pgms on 4870; per Dept of Trade & Industry, this is via an illegal xmtr "somewhere in England" and steps have been taken to stop its use; also reported on 3330 (Denis Radermecker, Belgium, July DSWCI SWN)

U S A Per WORLD OF RADIO interview with KVOH officials 14/7, they are buying one of HCBJ's old 100 kW xmtrs made by RCA, hoped to receive it by 25/7, and start testing on the air mid-Aug at earliest w/50 kW, 17-22 on 17775 (gh)

Voice of America is starting a new DX pgm in Spanish, to be carried both on the Sat & Sun bcs; exact sked not known yet (gh)

WORLD OF RADIO domestic outlets are now: KUWR-FM 91.9 Laramie WY, + xlters in CO & WY, Suns 11 pm MT; and WPKN 89.5 Bridgeport CT, Sats 3:30 pm ET. SW outlets are WRNO New Orleans, UTC Sat 0300 on 6185, 2330 on 9852.5 [may change to 7355], Sun 1300 on 9715; and KCBI Dallas, 11735, Fri 2000 & Sun 1730 (gh)

WINB Red Lion on new 15400 since early May; hrd from 1900 w/Dr Carl McIntire & mx to 1957\*. VOA on 11805 via unk site, hrd 0300 in Farsi 24/6, but not listed in new WRTH (Ernie Behr, Kenora Ont) Kavalla (VOA J86 sked)

Oh, tnx to Alex Batman in July FRENEX p 6 for his comments on WORLD OF RADIO, but note the correct times above (gh)

V E N E Z U E L A 30/5 noted a R Nacional de Venezuela on about 5031.5, w/ slightly distorted audio. Playing US & LA pops, s/off & NA at 0400\*. Presume this is the same one listed for 5020. Sig fair at best, 30 kW listing not a reality for sure (Maxfield Greenwood, Sedgwick ME)

R Alto Llano, 1450, is licensed to 5010 as well, but letter from stn to WRTH says nothing about it being active or not; suppose not. Has Continente affiliation and says 5010 is 5 kW; G.C. 07-48-15, 71-09-15. Studios at Carrera 3 No. 7-39, Santa Bárbara, Edo Barinas. Another addr is: P O Box 325, San Cristóbal. Slogan "La Poderosa 14-5-0". Dir.Gen: J Thomas Sarrault. Dir.Tec: Rodrigo A Carvajal M (Finn Krone, July DSWCI SW News)

Y U G O S L A V I A Tanjug reported 19/6 from Bijeljina: installation of xmtr eqp of 2000 kW (4 x 500) has started at the SWBC stn of R Yugoslavia. Should be completed and operational at beginning of 1987. RY pgm, then in 10 world langs, will be receivable anywhere on globe. Construction by staff of Belgrade Minel company w/leadership of experts from RY (WBI 27/6)

Z A I R E AZAP nx agcy reported 8/7: V of Zaïre, Kinshasa, experimenting w/new commercial ch for 3 months, leading to creation of a comm'l stn; to turn OZRT into profit-making office. Future stn'll serve Kinshasa city & vicinity; first tests began in June, till Sept. Also, regional stns of VOZ at Kananga and Mbuji-Mayi will soon have commercial stns (WBI 18/7)

Z A N Z I B A R New SW stn at Dolc commissioned 5/2/86. Two 50 kW xmtrs some 17 km from Zanzibar town. Complex built w/Chinese aid and replaces old 10 kW unit at Chunguni on Zanz outskirts. Hrd on 6018 & 11734.3 15-1815 in SH w/ mixed Zanz and DeS pgms (Wolfgang Blüschel, GFR, July DSWCI) Not clearly hrd now on 11 MHz but usually het (Noel Green, DSWCI ed.) Supplied by KCBI? (gh)

**CLANDESTINE CRANNY** R 15th September (R Quince de Septiem: bre) was first reported by R America, Tegucigalpa, Honduras and R Sandino, Managua, Nicaragua on 9/4/81. It was first observed on 27/4/81. It carries material hostile to the Nic govt and is believed to bc from a xmtr in Honduras. It also occasionally carries items in EG, Moskito and Suma. Now sked in SP daily 23-01, 04-05, 13-15, 17-19 on 5950 (WBI 27/6)

V of the Resistance of the Black Cockerel SAPA mx agcy, Jo'burg, reported 9/7: UNITA's radio stn 'the V of the Black Cockerel Resistance' is conducting test xmsns on two SW xmtrs possibly located in or near Jamba, the Angolan rebel mvmt's HQ [apx 200 mi ESE of Benguela], SAPA's correspondent in Mafeking reports. He said the tests, all monitored in Mmabatho, were on the following fqs and [S African] times: 9 am to 11 am 9450 & 5850, 3-4 pm 9450, 3-5 pm 5850, 7-9 pm 7315 4935. All but the bcs on 4935 are OOB. At present, xmsns consist of mx occlly interrupted by stn ID in PT, Umbundo or Kwanyama. Since 1980, UNITA has been using a SW xmtr based in S Africa lately only obs 5:30-7:30 am on 4973 or 4975. Monitoring 10/7: VOTROTBC was hrd 0705-0901 on 9450 & 5850, 17-19 UTC 7315 4935. At 0729 this anmt in PT: "Angolan people: this is the V of Resistance of the Black Cockerel conducting tests. We are with you daily. We shall always be with you to tell you the truth. The MPLA no longer has political power. It hasn't the courage to tell the people that it has failed. From now on [words indistinct], thru your radio, the V of Resistance of the Black Cockerel, we will be on your receivers to show you the way of national unity, peace and victory, [words indistinct] family, the way of General Savimbi [indistinct] hope for Angola. Down with the Cubans! Cubans out of Angola! United, from Cabinda to Cunene, we shall win!" BBCMS records show this stn was first hrd 4/1/79 (WBI 18/7/86)

Radio SPLA Stn reported in EG 1300 16/6: R SPLA's Nationalities Svc is being observed today by various SPLA info units in the field... In a related development, sources close to the SPLM/SPLA Political-Military High Command have disclosed here that efforts have been stepped up to expand the Nationalities Svc by introduction of more langs. However, the sources gave no hint as to when these addl langs'd be introed into the Nats Svc. BBCMS Ed note: R SPLA, which is controlled by the Sudan People's Liberation Army and /Movement started its Nats Svc June 1985 w/one hour of pgmes a day in 6 Sudanese langs (WBI 27/6)

V of Mujahadeen / V of Mujahadeen-e-Khalq is continuing its expansion. Now noted on 9515 7195 7110 5960 3928; only 7195 is jammer-free. 7110 is 24h; probably true for other fqs as well; may be the most extensive cland today (Supratik Sanatani, June IDXCI Asian DX Review) Pgming on 3928 is 3 mins ahead of 7110 on 27/6 (Prodyut Banerjee, ibid.)

V of the Crusader unID cland, probably this, 30/5 2320-2332\* on 3509.2, Qur'an recital & brief anmt; apparent closing tune and off, //3920, F-Ø (Bernhard Grüttdl, et al., DX Camp in S Germany, DSWCI SWN)

V of Khmer 6325, \*2300, short chant of Buddhist hymns to provide a non-communist flavour. Stn plays lots of Camb pop songs which sound so much like Thai pops we often hear from Thai MW stns. I am sure they must be using studio facilities and may be professional musicians from one of the Thai stns. Morning xmsn to 2400\* (Prodyut Banerjee, IDXCI Asian DX Review, June)

Voice of Tamileelam The following is reproduced in entirety from Jun IDXCI:::

## SPECIAL REPORT

## VOICE OF TAMILLELAM

The newspapers were still carrying the reports of bitter infighting amongst the rival Srilankan Tamil guerilla groups. The LTTE had brutally struck at the TELO leadership and there were stories of ghastly atrocities. And there we were in Madras to investigate into the Tamileelam Radio. The broadcasts from this clandestine station were already over three years old and still its location was uncertain. But of late it had been giving out a contact address in Madras - 11 Dshikar Street, Vadapalani, madras - 600026. Jose had even obtained a QSL via this address. So why not anoop into this address ?

luckily for me my uncle stays in Madras and when I fixed up the trip, Asis also tagged along. Prodyut had recorded this station last December and he passed on the cassette to us. To make ourselves more authentic looking we carried copies of ADXR which had frequently carried reports of this station. TRB had given me a Radio Veritas T Shirt which I was to wear while going to the station. That was about all the preparation we made before leaving for the "search".

Our initial mood was buoyant but uncertain. All sorts of story book pictures were conjuring up in my mind. Big dark hairy guys waiting at 11 Deshikar Street. But then Asis is a big man too - 72 kilos. In an optimistic mood I thought that we might even be taken for a tour to their transmitting site that is of course, only if we could sufficiently impress them. We started our inquiries right in the train we were travelling - Corromandel Express. There was a gentle man from Madurai and we picked up the topic of Tamil rebels. "Do they bother the tourists?" "No, No, they keep to their own". "Do they have training camps there?" "Yes, but all hidden from public eye." "Do they have a radio station?" "Yes I have heard programs in the weekends." "How big are the aeriels". "No, no they are all underground". So that was it.

The first day of our stay in Madras and it was a Sunday. Mr. Pedaki had fixed up a meet at his place. After the meeting had finished with the regular matters, I raised the topic of our investigation. Immediately there were vehement words of caution from all corners. Since the rebel groups were involved in infighting, they could mistake us to be snoopers from the other groups. And that might be dangerous. Kirubaharan who was in Sri Lanka some years ago, said that apparently there are numerous splinter groups and there is total chaos amongst them. Devrajan spoke of how two policeman on night beat were shot at and wounded apparently because of mistaken identity. And that was it. Everyone in the meeting were unanimous that we abandon our plans. That night a bedtime Asis and myself decided to abandon our plan. The next day when I visited Sreedhar, I asked him about what he thought about it. His advise was that we should write to the station instead of going there. Five days passed by and finally the day of return journey arrived and we were to leave that day evening at 8'o clock. And then the temptation of visiting Deshikar Street got



too much to resist. But Asis backed out. It was then decided that he would stay back and if I did not return by 4 hours, he would start a "search". I left house at 9 AM wearing a Radio Veritas T Shirt and carrying a polythene bag containing a cassette full of VOTE recording and an issue of ADXR.

Deshikar Street is a modest lane leading a way from the South Arcot Road, in the suburbs of Vadapalni. I was relieved when I found that the lane is just next to Police station. Standing at the end of the lane is a modest two story building with a small iron gate on which "11" is casually scribbled with white. When I rang the bell, a girl came down wearing a house coat. "I have come regarding Voice of Thamil-eelam and this address is given out by the station as a contact address", I said. "Yes, how can I help you" - she asked with a blank expression. Immediately I started telling her about what DXing was, and that we bring out a magazine called ADXR, a copy of which I showed her and that I wanted to cover VOTE for this magazine. Does she mind? "Of course not, we need publicity. By the way I am Malathi; I announce for VOTE's English service." I was stunned and all these happened in the doorstep. Had I hit the jackpot?

Malathi called me upstairs and told me to wait for sometimes while she was trying to get in touch with any of the "organisation" fellows. But the chief man "Candappa" wasn't there though he was expected anytime. He is incharge of VOTE. The "organisation" which Malathi referred to was Peoples Liberation Organisation of Thamil-elam (PLOT), the group which runs VOTE. I was seated in the drawing room while she sent a messenger for a PLOT member. It was a long three hours wait and in that time we talked about many related and unrelated things. But I got a glimpse into the affairs of VOTE.

Now who is Malathi ? All the while I was quite sure that they must those well to do Srilankan Tamils who migrated with all their fortunes. But when I put the question direct to her she struck back. "No, no, no, I am very much Indian". She finished her high school this year from Adarsh Vidyalaya in Madras. Her father is an Engineer employed with the Tamilnadu Government. It so happens that their tenant is a Sri-lankan Tamil who are involved with PLOT. And that is how she got to know all these and subsequently started feeling strongly for their cause. Then she met Candappa who told her that he needed a female voice for the Thamillelaam Radio. Since Sinhalese and Tamil are the only two official languages in Sri Lanka, except for Candappa no one else knew English and with one voice, the English program was getting monotonous. This is where she came in. She has been announcing for the past eight months, with an interruption because of her class XII exams. Interestingly enough she is not taken to the studios (at least she says so) but her portion is recorded at her own house and then mixed with the rest of programs. What kind of equipment do they use ? "It's something with a lot of controls in it and a sound engineer does that. They put some things, on the wall too". May be what she was referring to was a sound mixer and may be they put curtains on the wall to make a makeshift studio. But where are the main studios, are they in Madras ? She vaguely said that she was not sure. "What about the transmitters ?" "I think they are amateur transmitters", she said and then immediately went in for an excuse. "I don't know clearly. You see I am not in the organisation and they do not tell me everything". She also produces a women's program in English. "Is it about cooking and stitching etc" I asked. "No, no, no, she vehemently protested. "It is about emancipation of women". All this time the power was not there and the electricity came, she got a cassette player and I played the VOTE recording for her. It sure was a poor piece of recording, full of static, feeble audio and worse modulation. But in that din she beamed at a jingle which was playing "You hear this music. It is the Anthem of African National Congress". "How are they related.?" I asked. "They are Fraternal Organisations. Same with PLO." During monitoring of this radio in Calcutta Prodyut had noted some exaggerated piece of news. So I asked her where do they get the news from. "The news on Sri Lanka is through their sources. As for the rest there is usually information on other freedom struggles, such as news about the ANC and the PLO. This is picked up from BBC World Service". After listening to the cassette for sometimes Malathi asked me a frank question. "I say, can you make out anything from this recording. The reception is so poor". I told her that she was correct. "How do you receive the station here in Madras ?" "I have not yet heard it here", she replied. So that was it. The station was quite a distance away from Madras. P Prodyut had asked me to get a QSL for him and when I asked her for one, she didn't know what it was. "Don't you get reception reports ?" I asked. "Yes" she replied. "I have seen one or two such". So she has access to the mail as well. Where do they get the letters from ? "It is from Tamilnadu, Kerala and Sri Lanka. Even Sinhalese have written to us after listening to our programs". I had been sitting at her place for nearly three hours now. She had gone downstairs twice to see if the PLOT fellow had come. And in her absence I wondered how did her parents allow her to get involved with all these Militant activity more so because the Tamils of Madras view them with considerable caution. But Malathi had an answer to that "You see I have been brought up in a different fashion than other Tamil girls. I mean I have been given more freedom than my friends who will not be allowed alone even to visit a friend's place. May be that is because I am their only child of my parents". In a lighter mood I asked her what her plans for the future were. "I want to become veterinary surgeon. I have four dogs and I have had to take them to the hospital now and then and that is how I got impressed by the vets". Our conversation, a rather lengthy one was cut when finally news arrived that people downstairs would not be able to help me. Instead I was given a plain white card with the address of PLOT office in Madras, written by ball point pen and the bus numbers indicated on the reverse. As I was about to rise, Malathi asked me to write down the information which I needed, which she would collect from Candappa. I was also given an English magazine "SPARK" published by PLOT to help me to know more about their activity identity and ideology. A jubilant me was dying to rush home and inform Asis about my breakthrough. Malathi was no less exuberant. "It is so nice to know that some one living thousand miles away takes interest in our efforts".

I reached my place at 2.00 PM in the sweltering heat (41°C) and informed Asis. I had to visit the PLOT office and this time Asis agreed to accompany me. After a quick lunch I started going through the literature on PLOT. The cover showed a star of david superimposed on Bulls eye and a bare bodied Ronald Reagan holding a gun, in the inset. In the fore ground there were drawings of a soldier, a man and a woman training their guns at Reagan. The caption said "ALL GUNS AGAINST THE ENEMY". On the back cover there was the diagram of a Stangan, Olive branches and a bird. The caption said "We go to Thimpu with gun and olive branch in our hands ... we hope we will not be forced to use the gun" - Umamaheswaran. The literature was full of jargons typical of communist revolutionary groups - "fascist", "imperialists", "reactionary" etc. On first glance I noticed that there was a script of a program carried by VOTE. It was the interview of Comrade Umamaheswaran by Comrade Skantha. By the way, the verie signer of the VOTE QSL received by Jose was "Comrade Skantha". Umamaheswaran is the leader of PLOT. On close scrutiny I reached at a number of conclusion. This group is a moderate among the militants, which is somewhat paradoxical though. In its editorial it quotes Mao Tse Tung and Che Guevern and elaborates on the "Science of Guerilla warfare". Ultimately it concludes that guerilla warfare is harming the common man of Sri Lanka and hence useless. In various places the magazine hits out at the other more militant groups. In this context may I quote a line from the magazine which says "a small cotiary of individuals who control large financial resources are making use of hoodlums who go under the name ENLF. They make pretensions at being liberation fighters but attack civilians both Sinhalese and Tamils" - Umamaheswaran while mourning the death of two TULF MPs (3 Sep 1985), over VOTE.

With this homework and with Asis by my side, I set out for the PLOT office, some where in Madras. When we reached there, at 4.00 PM two gentleman were waiting for us. The room was a simple one with a table, three chairs, a telephone, a cupboard and the wall filled up with posters. "You are from that listener's club" one of them said while welcoming us. I got out a ADXR and showed him one item of Clandestine News. Then I told him that I am interested in featuring their station too. But these gentleman were tough nuts to crack. They did not reveal anything apart from communist jargons. When we asked them for the latest schedule, one of them got down a calendar from the wall. It was published by PLOT and showed all sorts of gory pictures, such as a man with slit throat, one with bullet injury etc. And then he pointed out the schedule, printed in one of the pages. It was in Tamil but the figures were in Roman numerals. "If your security permits may I know the location of your station in South India?" I asked not very hopefully. "It is in Northern Sri Lanka" was the answer. I could make out from the man's face that he was lying. Before ending our fruitless tour to this office. I thought of some "ideological teasing". I asked this man "What your claim in your literature, is that you are fighting to liberate Sri Lanka from the "imperialists". But your primary aim is to set up a separate nation called Thamilceem. Now this is essentially a racial aim because you are dividing the Sinhalese and the Tamils. Now how do you compromise communism with racism?" These people were not so outcaused in ideology and the answer was innovative - "Our enemy is not the Sinhalese but the Sri Lankan Government. But as a first step we want to liberate Thamilceem and then use it as a base to liberate the whole of Sri Lanka". As we were leaving we were given a copy of "SPARK" and a "Calender" and I wrote down my address in a big bound register which I suppose was the minutes book.

In conclusion what do I write? Nothing, but I just cannot help quoting a very frank letter lying in my desk. It is from a IDXC1 member whom I had approached for help in my investigation. "Sorry Sanatani, I can not provide you any information on VOTE. But I know well from where VOTE has been broadcasting and places they used to broadcast in the recent past. Even I know of their transmitter rig and antenna to some extent. even I visited once "Eelam Radio" (of Eelam Peoples Revolutionary Liberation Front) base. But I do not want to leak any precise information you might have observed that I avoid to give infomation on Tamil militant stations.. I know of Tamil militant stations for sometime now. It is not due to fear but because of my love upong Tamil Tigers. After Militants achieve "EELAM", I can give you a lot of information on Tamil militants radio stations. Till, then I wish to be a silent observer. Let the information not be leaked by me. If some body gives info on Tamil militant stations. I do not mind. Let these information not be leaked by such Eelam supporters like me! That's what I wish! I hope you understand me".

P.S. - Some of our members might be disturbed by the overtly political nature of this article. This is inevitable while dealing with any clandestine station, since they are essentially political.

The views expressed in this article are mine and not necessarily of the IDXC1 HQ people.

The latest schedule of V.O.T.E. could not be included as it is yet to reach us from the P.L.O.T. office.

by SUPRATIK SANATANI

I N M Y O P I N I O N (Ernie Behr, Kenora Ont, July 7)

If anyone feels that we have unjustly criticized KCBI's Radio Connection & Capital DXers of Sacramento in recent editions of LN, here is another list of their loggings, as heard from April to June 86 via KCBI. All items were taped and are quoted exactly as given by Club president Phil Reefer:

RRI Tanjung Karang 3346 & 2295 (stn is on 3246 & 3395)  
RRI Semarang 3335 at 1230 (stn is on 3235)  
TWR Monaco 11740 at 1500 (stn is Vatican R)  
TWR Italy 6215 at 0430 (stn is AWR)  
V of Turkey 9516 at 0030 (stn is on 9560)  
R Milene Bay 3260 at 1200 (stn is on 3260)  
R Anharera, Brazil 4890 at 0830 (no such stn)  
R Polina on 15120 at 0330 (pronounced Poleena)  
R Ayoacucho, Peru 3220 (more likely HCJB)  
R Universo, Peru 6020 (stn is R Gaucha, Brazil)

Many minor errors are not included here, and it should be noted that all items are aired without proper credits and cannot be traced to the original contributors. Although a long list of corrections was sent to KCBI, not one mistake has ever been acknowledged or corrected on the air. Instead, RC host Jeff Fallon keeps praising the accuracy of Capital DXers and continues to scoff at all criticism. Can we believe a DX-Club whose president and chief editor has never heard of Radio Polonia?

Some questionable items have also appeared in Frendx Log Report in recent months, including R Santiago, DR on 9700 (Apr LR) LV del Zanda, Peru, 4820 (May LR), & R Quimbi, Brazil, 4885 (June) (Tom Laskowski, South Bend IN, June 29) On KCBI's Radio Connection today at 1903 it ended with "You've been listening to the Radio Connection, your source for erroneous information... (short laugh) And if you believe that you've been reading too much from those who are legends in their own minds." Ironically their last report was from someone in Minnesota who gave the frequency for a hurricane network as 15325 kHz USB. The well-known freq for the hurricane ham net is 14325. Ernie Behr is right. I think this type of garbage should be avoided by those who want accurate DX information.

gh: Why am I running these? I would rather not, but the KCBI people have a platform to laugh off critics, and apparently won't quote Behr, so he and Laskowski deserve to have some platform--and their criticisms are backed up by facts. Despite this imbalance, I want to make it clear to the KCBI people that these pages are open for their response if they care to make one, in all fairness. I personally think it's a shame that a potentially useful program is marred in this way, since Jeff Fallon apparently decided to stonewall, letting his loyalty to contributors exceed his judgement, rather than simply broadcasting whatever corrections were necessary as soon as possible. I still have high hopes that TRC's error rate will gradually decrease even if they refuse to deal seriously with past mistakes. Perhaps it would be best for those so upset by the program to avoid listening to it! Except for any possible response here by the KCBI people, let's terminate this discussion. The points have been made.

PUBLICATIONS You may've hrd gh thinking out loud on W.O.R. about taking a break, but at the moment a stoppage is unlikely, just maybe a slowdown. A new DX Listening Digest, No. 7 is now available, 39 solid pages of DX news country-by-country; samples \$1.50, NAM subscriptions \$17 for 12 issues from gh's address

# QSL REPORT

Sam Barto, 47 Prospect Place, Bristol, CT 06010 USA

via Cathy  
Turner

PR68 B-1000 Russel Beppes

WORLD OMROEP  
BRT

**AFGHANISTAN:** Radio Afghanistan 9665 f/d cd. w/ details after writing to Radio Moscow to forward my rpt. (Kusalik-ALB)... Hope everyone notices my new typewriter... Sam.

**ALASKA:** KNLS 11930 f/d "Studio in Winter" cd. in 3 wks. (Eckert-PA).

**ALGERIA:** Radio Algiers 17745 f/d "Persian Rug" cd. in 10 mo. for ms. (Eckert).

**ANTIGUA:** BBC 6175 f/d form ltr. in 26 ds. (D'Angelo-PA).

**ARGENTINA:** RAE 9690/11710 f/d blue elo-PA). cd. w/ paper pennant in 6 mo. for 2 IRCs. v/s John A. Middleton, Head of RAE Team. (Kusalik).

**ASCENSION ISLAND:** BBC 6005 ltr. w/ photograph direct from site for 2 IRCs. v/s M.R. Watkins, Senior Maintenance Engineer. (Tutak-NJ).

**ASIATIC RUSSIA:** Radio Moscow 15425 via Petrovavlovsk-Kamchatsky f/d "Rowing Canal" cd. in 63 ds. (Forst-IL).

**AUSTRALIA:** Radio Australia 9655 f/d "Vineyard in Borossa Valley" cd. in 5 wks. (Bowden-CA). VLBK 2485 f/d ltr. via ABC-Darwin in 7 wks. v/s R. H. O'Sullivan. (Bishop-PHIL).

**VLBA** 2310 n/d ltr. in 1 mo. v/s R.S. Gulson, Supervisor of Engineering Services. (Kusalik). VNG f/d cd. in 30 ds. (McElvy-VA).

**AUSTRIA:** Radio Austria International 5945 f/d "Salzburg Costume" cd. in 6 wks. (Bowden).

**BANGLADESH:** Radio Bangladesh 7105/9775 f/d "Lighting on Independence Day" cd. in 3 mo. for 2 IRCs. v/s Abdur Rashid. (Palmer'sheim)

**BELGIUM:** BRT 15590 f/d ltr. in 104 ds. (George-NC). f/d "Fall of Troy" cd. in 1 mo. (Turner-NY). (Field-MI).

**BENIN:** RTB 4870 f/d "Flag/Map" cd. in 2 mo. on 3rd try for a PR rpt.

**BERMUDA:** ZPB 2550 per Marlin Field's QSL of a previous column could someone please explain his reception on this frequency. It is not a harmonic as ZBM operated on 1230khz in 1978... Sam.

**BOINAIRE:** Trans World Radio 9535 f/d "Sunset on Island" cd. in 3 wks. (Bowden)... I just received a very nice letter from NASWA member and Frequency Coordinator for TWR in Bonaire. He cannot understand why McElvy received a TWR QSL in 75 days when the usual turnaround time is about 1 month. Most reception reports are answered on the day they are received or the next day at the very latest. Chuck Roswell the Coordinator for TWR says to be sure to clearly write Netherlands Antilles on the report or it may find its way to Europe!... Sam.

**BRASIL:** Radio Anhanguera 4915 f/d prepared cd. in 2 mo. for a PT rpt. and a tape. v/s Jose Autauio A. Piluo, Chefe de Servicos. (Kusalik). f/d form ltr. in 130 ds. after my 4th rpt. in PT for ms. (Wilkins-CO). Radio Cultura do Para 5045 f/d form ltr. in 2 wks. for a PT rpt. Sticker rcvd. v/s Francisco Cesar Nunes da Silva, Director. (Palmer'sheim). p/d ltr. w/ sticker in 243 ds. for ms. (Wilkins). Radio Univer 11905 p/d ltr. for a PT rpt. in 8 mo. Decal rcvd. v/s Hermes Y. Akiyama, Produtor Executivo. (Plum-NJ). Radio Nacional de Manaus 4845 f/d form ltr. in 37 ds. for a PT rpt. v/s Eudson Monteiro de Lima. (George).

## COOK ISLANDS BROADCASTING AND NEWSPAPER CORPORATION

P.O. Box 126  
Narotonga  
COOK ISLANDS  
via Rich D'Angelo



Confirming your reception report of this station.

Freq: 11760 KHz

Date: 23-5-86

Time: 0421-0444 UTC

Pwr: 500 w

Many thanks and best wishes,

NOORDA E. TANGARDA  
DIRECTOR/CHIEF TECH.

**RÁDIO ANHANGUERA**  
RUA THOMAS EDISON, 21 - 5. BARRAGEM  
FONE: (PABX) 241-5833 - TELER 062210 - C. PORTAL 13

RADIO STATION: Rádio Anhanguera - Colônia-Goias - Brasil

TO: JOHN WILKINS

We thank you for your reception account. We confirm the precision of details of our broadcasting of short waves in the frequency of 4915 KHz from the 19 of April 1985, from 12:20, until 04:00 o'clock, exactly when we were showing the programs ANHANGUERA IN THE AIR with our speaker HOMER RUS BARBOSA.

We would like to continue receiving the reception account, because it is important for us to know that our Radio Station can also be heard out of our Country.

Sincerely, Cesario

dang 4753 f/d cd. in 27 ds. for an IN rpt. and 2 IRCs. v/s H.A. Nyongki BA. (Henschen-IN). f/d cd. in 1 mo. for an IN rpt. and ms. (Isen-VA).  
CHILE: Radio Nacional 15140 f/d cd. in 34 ds. for a SP rpt. and 2 IRCs. v/s Carlos Verdugo. (Laskowski-IN). Radio Minería 9750 f/d "Antenna/Logo" cd. in 666 ds. for a SP rpt. and ms. (Wilkins).  
CHINA, PEOPLES REP. OP: Radio Beijing 9820 f/d "Art Work" cd. in 6 wks. (Bowden). 9860 same cd. in 1 mo. (Bowden). 9535 f/d "Summer Palace at Kunming Lake" cd. in 5 wks. (Bowden). 15445 f/d cd. in 40 ds. (Harms-MD). Guangxi PBS 4915 f/d cd. w/ pennant in 6 wks. (Bishop).  
CLANDESTINE: Radio Truth 5015 n/d ltr. in 112 ds. for 2 IRCs. v/s J. Brown. Station requested that future correspondence be sent to: Stanley Hatfield, P.O. Box 815, Silver Spring, MD. 20910. (Paszkiewicz-WI). p/d ltr. in 125 ds. (Harms). n/d ltr. in 156 ds. for 1 IRC. (Forst). Radio Farabundo Martí 6620 f/d cd. in 2 mo. for a SP rpt. (Field-MI).  
COLOMBIA: Radio Nacional 11793 f/d prepared cd. w/ ltr. and a large 45th anniversary pennant in 28 ds. for a SP rpt. and ms. v/s Jaime Horta Diaz, Director. (Wilkins)... Haven't seen too many of these! Sam.  
COMOROS: Radio Comores 3331 f/d cd. w/ ltr. in 1 mo. for a FR rpt. and ms. v/s Antufi Mohamed Bacar. (Swaringen-NC).  
COOK ISLANDS: Radio Cook Islands 11760 f/d cd. in 35 ds. for 2 IRCs. (McDaniel). 3 f/d cds. for 3 receptions in 75 ds. for ms. v/s Nooroa E. Tangaroa. (Forst). 2 f/d "Conch Blower" cds. in 70 ds. for 2 IRCs. (Harms). same in 37 ds. (McElvy). f/d paper cd. in 17 ds. (D'Angelo).

BULGARIA: Radio Sofia 9700 f/d "Nessebur" cd. in 3 mo. (Eckert).

BURKINA FASO: Radio National Burkina 4815 f/d ltr. in 74 ds. for a FR rpt. and 2 IRCs. (Tutak-NJ).

CANADA: RCI 11945 "Canadian Music" cd. in 22 ds. (Dillon-MD).

CANADA (Pirate) TNFM via KQRO 7437 f/d "Power Station" cd. in 29 ds. for 1 IRC. (Giella). 7436.9 f/d prepared cd. w/ small KQRO cd. and form ltr. in 1 mo. Sticker rcvd. 100 w. (Palmerheim).

CELEBES: RRI Ujung Pandang 4753 f/d cd. in 27 ds. for an IN rpt. and 2 IRCs. v/s H.A. Nyongki BA. (Henschen-IN). f/d cd. in 1 mo. for an IN rpt. and ms. (Isen-VA).

CHILE: Radio Nacional 15140 f/d cd. in 34 ds. for a SP rpt. and 2 IRCs. v/s Carlos Verdugo. (Laskowski-IN). Radio Minería 9750 f/d "Antenna/Logo" cd. in 666 ds. for a SP rpt. and ms. (Wilkins).

CHINA, PEOPLES REP. OP: Radio Beijing 9820 f/d "Art Work" cd. in 6 wks. (Bowden). 9860 same cd. in 1 mo. (Bowden). 9535 f/d "Summer Palace at Kunming Lake" cd. in 5 wks. (Bowden). 15445 f/d cd. in 40 ds. (Harms-MD). Guangxi PBS 4915 f/d cd. w/ pennant in 6 wks. (Bishop).

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COLOMBIA: Radio Nacional 11793 f/d prepared cd. w/ ltr. and a large 45th anniversary pennant in 28 ds. for a SP rpt. and ms. v/s Jaime Horta Diaz, Director. (Wilkins)... Haven't seen too many of these! Sam.

COMOROS: Radio Comores 3331 f/d cd. w/ ltr. in 1 mo. for a FR rpt. and ms. v/s Antufi Mohamed Bacar. (Swaringen-NC).

COOK ISLANDS: Radio Cook Islands 11760 f/d cd. in 35 ds. for 2 IRCs. (McDaniel). 3 f/d cds. for 3 receptions in 75 ds. for ms. v/s Nooroa E. Tangaroa. (Forst). 2 f/d "Conch Blower" cds. in 70 ds. for 2 IRCs. (Harms). same in 37 ds. (McElvy). f/d paper cd. in 17 ds. (D'Angelo).

COSTA RICA: TIPC 5055 p/d cd. w/ pennant in 18 ds. for 1 IRC. v/s J. Ochoa. (Weber-OH).

CUBA: Radio Rebelde 5025 3 n/d cds. in 366 ds. for a SP rpt. Stickers rcvd. (Wilkins).

DENMARK: Radio Denmark 15165 f/d cd. in 1 mo. (Eckert).

DOMINICAN REP: Radio Discovery 15045 f/d cd. in 45 ds. for ms. (Forst). 6215 f/d brown "Logo" cd. in 7 wks. for ms. (Palmerheim). 6220 same cd. in 32 ds. (D'Angelo).

ECUADOR: HCJB 9870 f/d "Condor" cd. w/ pennant in 1 mo. for ms. (Bishop). Radio Zaracay 3395 p/d folder cd. w/ pennant in 41 ds. for a SP rpt. and ms. v/s Elsey Cun C., Secretaria. (Wilkins). Radio Quito 4920 n/d cd. in 24 ds. for 2 IRCs. Also rcvd. 2 pennants. (Weber). Radio Rio Amazonas 4870 n/d personal ltr. in 4 mo. for a SP rpt. Pennant rcvd. (Field).



DEPARTEMEN PENERANGAN  
DIREKTORAT RADIO REPUBLIK INDONESIA  
STASIUN - TANIUNGKARANG  
JL. GATOT SUBERJO NO. 24 (PANDHAN)  
KOTAK POS NO. 24 TELP. 31280 - 31444

REGIONAL I

Tanjungkarang, 20 Februari 1985

Kepada,  
Yth. Sdr. John M Wilkins  
di -  
Theat Ridge - U S A

Dengan hormat,

Laporan anda kami terima tanggal 19 Februari 1985, kami mengucapkan terima kasih atas perhatian anda pada siaran kami.

Setelah kami periksa dalam buku laporan siaran ternyata BENAR saudara telah mendengar dan sebagian dari program siaran RRI Tanjung Karang pada jam 21.35-21.59 WIB tanggal 5 Februari 1985 berupa program musik Indonesia yang dinyanyikan oleh Vina Panduwinata dan Eray Kulit.

Bersama ini kami lampirkan juga sebuah Leaflet RRI Tanjungkarang, semoga bermanfaat.

Sekali lagi kami mengucapkan terima kasih atas laporan anda.





His Majesty's Government of Nepal  
Radio Broadcasting Service



Post Box: 634  
Singha Durbar  
KATHMANDU, NEPAL  
Date: 11 April 1981

VERIFICATION OF RECEPTION REPORT

Dear Jahn Wilkins

We are very pleased to confirm your reception report of our transmission, which is in accordance with our Schedule.

DATE: Oct. 16, 1981

FREQUENCY: 9590 kHz

TIME: 1258-1415 UTC

We thank you for your report, we will be pleased to hear from you again. With best wishes from Nepal.

*R.S. Karki*  
Studio Engineer

- w/ "Puesta del sol en Luba" cd. in 6 mo. for a SP rpt. v/s Matias Ovan Engonga Nsanga. (Swaringen).
- FINLAND: Radio Finland 15400 n/d ltr. in 71 ds. (McDaniel).
- FRENCH GUIANA: Radio Beijing 9635/6015 and 9565 via Montinisserry f/d "Comical Buddha" cd. in 28 ds. (Harms). 9635 f/d cd. w/ ltr. in 17 ds. (Weber). RFI 9800 f/d "Transmitter" cd. in 45 ds. (Lobdell-MA)... Glad to see you again Chris... Sam.
- GABON: Radio Japan 9645 via Moyabi n/d "Tea Plantation" cd. in 18 ds. for 1 IRC. (Weber). p/d "Nagano Rice Fields" cd. in 17 ds. (Weiss-OH). f/d cd. in 24 ds. (D'Angelo). 21575 f/d "Winter Festival in Akita" cd. in 1 mo. v/s Y. Kume. (Kusalik). Africa No. One 4810 n/d cd. in 159 ds. for a FR rpt. and 2 IRCs. (Klein).
- GERMANY, DEMOCRATIC REP: Y3S 4525 p/d folder cd. in 53 mo. (Bishop).
- GERMANY, FEDERAL REPUBLIC OF: Sud-westfunk 7265 n/d "Globe" cd. in 57 ds. (D'Angelo). f/d cd. in 30 ds. (Harms). Sender Freies Berlin 6190 f/d cd. in 25 ds. (Harms). Bayerischer Rundfunk 6085 f/d sticker cd. in 28 ds. (Harms).
- GREECE: Voice of Greece 7430 f/d "Lions Gate" cd. in 52 ds. (Weiss). 11645/15630 and 17565 f/d cd. in 70 ds. (Harms). Radio Station Macedonia 9400 f/d cd. in 4 mo. (Field). VOA via Kavala 7205 f/d "Liberty" cd. in 7 ds. (Kremer-SC). 9680 same cd. in 9 ds. (Wilkins).
- GUATEMALA: Radio Maya de Barillas 3325 f/d "Mayan Warrior" cd. in 3 wks. for a SP rpt, tape and ms. v/s Francisco Juan Pedro, Gerente. Pennant rcvd. (Orcutt-CA)

ENGLAND: MSP 5000 f/d cd. in 20 ds. for ms. Station says that \* their 5 and 10 mhz outlets will close down early in 1988. (Harms-MD).


ETHIOPIA: Voice of Revolutionary Ethiopia 9560 f/d cd. w/ sticker in 76 wks. for 1 IRC. (Swaringen-NC).

EUROPEAN RUSSIA: Radio Moscow 7335 via Serpuukhov f/d "Economic Exhibition" cd. in 63 ds. (Forst). 9490/9520 via Moscow f/d "Bolshoi Theatre" cd. in 1 1/2 mo. (Palmerheim).

FRENCH GUIANA: Radio Nacional de Guinea Ecuatorial 6250 n/d ltr

TELEVISION DE FRANCE CONTINUE		 Société Française de Radiodiffusion Centre d'Émission BP 516 - 92243 MONTROUGE
NOTE REPORT D'ÉCOUTE ET VUE REMARQUE		
FREQUENCE (kHz)	5000	M. C. LOBDELL 150 Pickersham Avenue WILMINGTON MASSACHUSETTS 01887 U.S.A.
DATE (mm)	31	
DAY	12 MAI 1986	
UTC	05H14-03H30	
STATION	MONTROUGE	
PROGRAMME RADIO FRANCE INTERNATIONALE		BP 9516 PARIS FRANCE

4 VA 1080 KC      4 VB 5485 KC      4 VC 9485 KC



via Wendel Craighead

**Voix de la Révolution Duvaliériste**

P. O. Box 1143      Port-au-Prince, HAÏTI

- GUYANA: Guyana Broadcasting Corp. 5950 f/d ltr. in 28 ds. for 2 IRCs. v/s Juliet Lam. (Henschen-IN).
- HOLLAND: Radio Nederland 11740 f/d "Satellite" cd. in 22 ds. for 1 IRC. (Tutak-NJ).
- HONDURAS: HRVC 4820 f/d cd. in 1 mo. for 3 IRCs. (McElvy-VA).

Bujumbura, le 30/4/85

Mr HAROLD CONES  
2 WHITS COURT  
NEWPORT NEWS, VIRGINIA 2366  
U. S. A.

Nous accusons réception de votre rapport d'écoute  
de de notre station sur la  
fréquence de 3-300 KHz et dans les  
bandes de 90 mètres.



(Tutak). same in 25 ds. for 2 IRCs. (Weber-OH).

LITHUANIAN SSR: Radio Vilnius 5905 f/d cd. w/ ltr. in 126 ds. (Weiss). f/d cd. in 2 mo. (McElvy).

MALAGASY REPUBLIC: Radio Nederland f/d "Happy Station" cd. in 97 ds. (Mc-

MALAYSIA: Radio TV Malaysia 5965

f/d "Map/Flag" cd. in 2 mo. for a taped rpt. and ms. Pennant rcd. (Isen-HI).

MALI: Radio Mali 4835 f/d "Map" cd. in 35 ds. (Bishop)...Gerry says he's been after this one for 10 years!!!...Sam.

MALTA: Radio IBERA 6110 via Radio Mediterranean/d cd. in 28 ds. via Stockholm. (Harms).

MAURITIUS: Mauritius Broadcasting Corp. 9709.5 p/d cd. in 2 mo. for 2 IRCs and a taped rpt. (Allen-OK).

MONACO: Trans World Radio f/d cd. w/ personal ltr. in 32 ds. for 3 IRCs. (McElvy-VA).

MONGOLIA: Radio Ulan Bator 4995 f/d cd. w/ taped rpt. and 2 IRCs. (Isen). 12015 f/d ltr. in 65 ds. for 1 IRC. (Forst).

MOROCCO: Radio Monte Carlo 9795 p/d ltr. in 2 mo. for 1 IRC. Sticker rcd. v/s Pierre Casalta, Managing Director. (Palmerheim). p/d ltr. w/ stickers in 16 ds. (George).

MOZAMBIQUE: Radio Mocambique 9618 f/d cd. in 3 mo. for an EG rpt. (Kusalik) v/s Jose Penicene Tembe who is a SWL!

NEPAL: Radio Nepal 5005 f/d "Pokhara Transmitting Station" cd. in 6 wks. v/s R.S. Karki, Studio Engineer. (Swaringen).

NEW BRITAIN: Radio East New Britain 3385 f/d "Map" cd. in 1 mo. for 2 IRCs v/s Pomsie Pomat. (Palmerheim).

NEW CALEDONIA: RPO 7170 f/d "World Map" cd. in 4 mo. for a FR rpt. (Eckert). n/d cd. in 75 ds. for a FR rpt. and 3 IRCs. (Brouillette-IL). n/d cd. in 451 ds. for a FR rpt. and 2 IRCs. (Paskiewicz). same in 4 mo. (Isen). n/d cd. in 300 ds. for a FR rpt. and 2 IRCs. (Plum-NJ). p/d cd. in 41 ds. for 1 IRC. (Sylvester-CA).

\* 5010 p/d cd. in 1 1/2 yr. for 3 IRCs. This was for a 12/84 reception. (Thim-CT)...As per our telephone conversation Bill - even though the ID was taped you may of had a relay from Malagasy...Sam.

NEW IRELAND: Radio New Ireland 3905 p/d ltr. in 1 mo. for a taped rpt. and ms. v/s O. Malatana, Station Manager. (Isen-HI).

HUNGARY: Radio Budapest 6025 f/d blue "Cathedral" cd. in 65 ds. (Weiss). Elvy).

INDIA: All India Radio f/d cd. in 67 ds. (Mc-ISRAEL). IBA 5885 f/d cd. in 5 wks. (Bowden).

ITALY: RAI 5990 f/d cd. in 180 ds. (McDaniel). f/d "Renato Guttuso" cd. in 100 ds. (Harms).

Adventist World Radio 6215 via Forlì f/d "Transmitter Site" cd. in 28 ds. (Harms).

JAPAN: Radio Japan 9505 f/d "Cherry Blossoms" and Wild Geese" cd. in 1 mo. (Kusalik).

JAYA: RRI Surabaya 3975 f/d ltr. in 2 1/2 mo. for an IN rpt. and ms. v/s Yatim Tasmaran, Bagian Tehnik. (Kusalik).

KOREA, REPUBLIC OF: Radio Korea 7275 p/d cd. in 1 mo. for 2 IRCs. (Isen-HI).

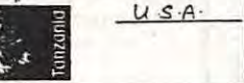
LAOS: Radio Hous Phan 4653 f/d cd. w/ site in 6 mo. for a rpt. to Vientiane. (Bishop).

LESOTHO: Lesotho National Broadcasting Service 4800 f/d "Flag" cd. in 21 ds. for 3 IRCs.

Dear Sir,  
Thank you for your reception report dated 23.8.84 on 5050 KHz which is in accordance with our frequency and programme schedule.  
The Power is 1.5 KW  
As from RUSDRAT  
We hope you will continue to enjoy our programme.  
Yours faithfully  
for Director of Broadcasting

Tanzania  
Dr HAROLD CONES  
2 WHITS COURT  
NEWPORT NEWS  
VIRGINIA 2366  
U.S.A.

RADIO TANZANIA  
P.O. Box 931,  
DAR ES SALAAM,  
Phone: 6342, Cable "SATTI"  
Telex: 4288



**OFFICIAL VERIFICATION**

Test Paper  
We acknowledge receipt of your  
reception report, etc. 9665KH:  
date: 30.03.1986  
In English language  
from 0900 to 1030 GMT  
Your report has been checked  
with our records it is correct in  
every detail. You may always  
receive our programmes in best  
quality possible.  
with kind regards  
Radio - TV Afghanistan  
Kabul, P. O. Box 544  
Democratic Republic  
of  
AFGHANISTAN

**QSL**

BY AIRMAIL  
PRINTED MATTER



Mr. Edward Kunalik

2117-1e Street "A"

Caedale, Alberta  
T0K 0L0 Canada

**NEW ZEALAND:** Radio New Zealand f/d cd. in 1 mo. for 4 IRCs. (McElvy).

**NIGERIA:** Voice of Nigeria 15120 f/d "Remembrance Arcade" cd. in 266 ds. for 2 IRCs. (Weber).

**NORWAY:** Radio Norway 15310 p/d cd. in 1 mo. (Lobdell).

**OMAN:** BBC 7160 n/d cd. in 3 mo. (Isen-HI).

**PAKISTAN:** Pakistan Broadcast-ing Corp. 4815 via Karachi f/d cd. w/ ltr. in 1 mo. for a taped rpt. and ms. v/s Saeed Athar, Senior Broadcast Engineer, Research. (Isen).

**PAPUA NEW GUINEA:** Radio East Sepik 3335 f/d "Map" cd.

in 3 1/2 mo. for 2 IRCs. (Meyer-WI). Radio Southern Highlands 3275 p/d ltr. in 2 mo. for 1 IRC. v/s Ralph Moion, Station Manager. (Palmerheim). p/d cd. w/ personal ltr. in 50 ds. for 2 IRCs. (Allen). Radio Eastern Highlands 3395 f/d cd. w/ ltr. in 1 mo. for a taped rpt. and ms. v/s Kiri Nige, Senior Technical Officer. (Isen). Radio Northern 3345 p/d ltr. in 4 mo. for a taped rpt. and ms. v/s Theophilus Beu, Assistant Station Manager. (Isen). Radio Enga 2410 p/d ltr. in 1 mo. for a taped rpt. and ms. v/s John Egging, Station Manager. (Isen). NBC 4787.5 f/d cd. w/ ltr. in 126 ds. v/s Pomsle Pomat. (Wilkins). 9520 f/d "Map" cd. in 126 ds. for US \$1.00. (Wilkins-CO).

**PHILIPPINES:** FEBC International 15350 f/d "Sunset over Manila Bay" cd. in 36 ds. for 3 IRCs. v/s Anita Sandersingh. (Giella). 15450 same f/d cd. in 3 mo. (Field).

**PORTUGAL:** Radio Portugal 9680 f/d cd. in 23 ds. (George). f/d plain white cd. in 40 ds. w/ sticker. (Weiss).

**ROMANIA:** Radio Bucharest 5990 f/d "Portrait of Nicolae Balcescu" cd. in 82 ds. (George). f/d cd. in 71 ds. (McElvy). 11940 f/d cd. w/ station pin in 96 ds. (Forst).

**RWANDA:** Radio Rwanda 3330 f/d ltr. w/ cd. in 1 mo. for a taped rpt. and ms. v/s Gamaliel Rwigema. (Isen).

**SABAH:** Radio Malaysia Kota Kinabalu 4970 f/d cd. w/ ltr. in 2 mo. for a taped rpt. and ms. v/s Nasib Mohd. Noor. (Isen). f/d "Map" cd. w/ p/d ltr. in 7 mo. for 1 IRC. (Palmerheim).

**SAIPAN:** KYOI 11900 f/d "Bird - Super Rock" cd. in 24 ds. for ms. v/s Alex U. Illisaier. (McElvy-VA).

via Cathy Turner



**SICILY:** RAI 7175 via Caltanissetta f/d cd. in 4 mo. (Harms).

**SINGAPORE:** BBC f/d cd. in 36 ds. for 4 IRCs. (McElvy).

**SOLOMON ISLANDS:** SIBC 9545 f/d cd. in 36 ds. for 3 IRCs. (McDaniel).

**SOUTH AFRICA:** Radio RSA 6010 f/d "Drakensberge" cd. in 6 wks. (Bowden).

**SRI LANKA:** SLBC 9720 f/d cd. in 5 mo. for 3 IRCs. v/s Likar Valamerr, Research Director. (Turner). f/d cd. in 100 ds. for 2 IRCs. v/s Snibali Valamon. (Forst)

**SUDAN:** Radio Omdurman 5039 long f/d ltr. for 3 IRCs. (Tutak).



**Azad Kashmir Radio**

MUZAFFARABAD

Telegram: AKRADIO

Phone: 2111

2112

2113

2114

Ref. No. ENG/AKIM/C-4/86-1493

Date: 21st April, 1986

Dear Sir/ Madam

We are extremely thankful to you for your reception report dated 18th March, 1986 regarding Azad Kashmir Radio.

We are pleased to confirm that you have been listening to Azad Kashmir Radio on the frequency 4780 KHz from 1158 to 1255 hours GMT on 18th March, 1986. The QSL is confirmed.

We hope that you will continue to take interest in our broadcasts and will keep informed about the reception quality.

**SUMATRA:** Radio Angkatan Udara 3367 Medan f/d ltr. w/ prepared f/d ltr. in 2 1/2 mo. after 2 second f/up rpt. in IN. Postcards rcvd. (Kusalik). RRI Jambi 4927 YDK6 f/d ltr. w/ prepared ltr. in 1 mo. for an IN rpt. and ms. v/s Syair Siak, Kepala. (Kusalik). RRI Tanjungkarang 3395 p/d ltr. in 17 ds. for an IN rpt. and ms. v/s Drs. H. Hamdan Syahbeni, Kepala.

\* (Wilkins). RRI Palembang 4855 f/d "Tengkuruk Permai" cd. in 24 ds. after a f/up rpt. in IN for ms. (Wilkins).  
**SWITZERLAND:** Red Cross Broadcasting Service 6135 f/d "Logo" cd. w/ decal in 1 mo. (Weiss).

**TAHITI:** RFO 11825/15170 f/d cd. in 222 ds. for a FR rpt. (McDaniel). f/d "Conch Shell" cd. in 123 ds. for 3 IRCs. (McElvy).

**TAIWAN:** Voice of Asia 5980 f/d "Totem of Lions" cd. w/ pennant in 138 ds. (Davis-NM). Voice of Free China 11855 f/d cd. in 6 wks. (Bowden).

**THAILAND:** Radio Thailand 9655.4 p/d personal ltr. in 1 mo. for 2 IRCs. v/s Bubpha Laemluang, Acting Director. (Palmerheim).

**UKRAINIAN SSR:** Radio Moscow 9710 via Simferopol f/d cd. in 1 1/2 mo. (Palmerheim-MN).

**USA:** WHRI 9690 f/d cd. in 65 ds. v/s Larry Pawbush. (Lobdell-MA).

**USSR:** Radio Moscow 15420 f/d cd. in 5 wks. (Bowden).

**UZBEK SSR:** Radio Moscow 15515 via Tashkent f/d cd. in 41 ds. (Paszkiwicz-WI).

**VANUATU:** Radio Vanuatu 3945 f/d cd. in 2 1/2 mo. for 2 IRCs. (Meyer-WI).

**VENEZUELA:** Radio Yaracuy 4940 n/d ltr. in 124 ds. for a SP rpt. and 2 IRCs. v/s Antonio Campos. (Brouillette).

**ZAIRE:** Radio Lubumbashi/OZRT 7204 f/d ltr. in 6 wks. for a FR rpt. and ms. v/s Mpanzu Kisema-ki-Nsundi, Chef de Service. (Kusalik).



25th anniversary of the USIA.



Stamp honoring the 50th anniversary of the ABC.

73's

Sam

July 23, 1986

Most of these listings of English language broadcasts have been compiled from live monitoring and schedules received from the stations themselves. The majority of these listings have been validated through monitoring. For example, Kol Israel announces 5880 kHz at 0100 UTC but they are actually on 5885 kHz. The multitude of Moscow and London frequencies have deliberately not been listed; it is an endless chore to keep up with those changes.

The database used is dBASE III Plus on a Compaq Portable with a 20M hard disk. Two files, one schedule and one dx shows, are used. A link is set from the DX show file into the schedule file to obtain frequencies and additional information when producing a screen or printed report.

Questions or comments should be directed to me. Electronic mail is preferred if you have that option.

Thomas R. Sundstrom	:	The SOURCE:	BCF 811
PO Box 2275	:	Compuserve:	(send via MCI Mail ID)
Vincentown	:	MCI Mail:	244-6376
NJ 08088-2275	:	Packet Radio:	W2XQ @ WB2MNF

SHORTWAVE BROADCAST SCHEDULES: By Start Time

Start Time (UTC)	End Time (UTC)	Country	Station	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Freq #8	Freq #9	Freq #10	Target Area
0000	0030	Canada	R Canada Int'l	9755	5960	0	0	0	0	0	0	0	0	NA
0000	0100	China	R Beijing	15445	11685	0	0	0	0	0	0	0	0	NA
0000	0200	Cuba	R Havana	9740	6100	0	0	0	0	0	0	0	0	Americas
0000	0030	Israel	Kol Israel	9860	9435	7410	0	0	0	0	0	0	0	NA
0000	0100	North Korea	R Pyongyang	15150	13770	11880	0	0	0	0	0	0	0	
0000	0030	Norway	R Norway	9605	9580	0	0	0	0	0	0	0	0	CA/SA
0000	0100	South Korea	R Korea	15575	0	0	0	0	0	0	0	0	0	NA
0000	0200	Spain	Sp Foreign Radio	9630	6055	0	0	0	0	0	0	0	0	NA
0000	0300	USA	WRND	7355	0	0	0	0	0	0	0	0	0	
0030	0125	Belgium	BRT	9925	9830	0	0	0	0	0	0	0	0	SA/NA
0030	0230	England	BBC	9590	6175	5975	0	0	0	0	0	0	0	NA
0030	0100	Portugal	R Portugal	9680	0	0	0	0	0	0	0	0	0	NA
0050	0110	Vatican State	Vatican Radio	11845	9605	6015	0	0	0	0	0	0	0	NA
0100	0200	Argentina	RAE	11710	9690	0	0	0	0	0	0	0	0	Americas
0100	0230	Australia	R Australia	17795	17750	17715	15395	15320	15240	15180	15160	0	0	As/Pac/PapNB
0100	0157	Czechoslovakia	R Prague	11990	9740	9630	7345	6055	5930	0	0	0	0	NA
0100	0200	Ecuador	HCJB	15155	9870	0	0	0	0	0	0	0	0	NA
0100	0150	Fed Rep Germany	R Deutsche Welle	11785	9565	9545	6145	6085	6040	0	0	0	0	ENA
0100	0130	Hungary	R Budapest	12000	11910	9835	9520	6110	6025	0	0	0	0	NA
0100	0130	Israel	Kol Israel	9435	7410	5885	0	0	0	0	0	0	0	NA
0100	0300	USA	WHRI	9690	0	0	0	0	0	0	0	0	0	
0130	0140	Greece	V of Greece	9420	4395	7430	0	0	0	0	0	0	0	NA
0145	0330	New Zealand	R New Zealand Int'l	15150	11780	0	0	0	0	0	0	0	0	Pac/Aus
0200	0250	Brazil	R Bras	11745	0	0	0	0	0	0	0	0	0	NA/CA
0200	0230	Canada	R Canada Int'l	9755	5960	0	0	0	0	0	0	0	0	NA
0200	0300	China	R Beijing	9635	6015	0	0	0	0	0	0	0	0	NA via Guyana
0200	0400	Cuba	R Havana	9740	6140	6120	6100	0	0	0	0	0	0	Americas
0200	0500	Ecuador	HCJB	9870	6230	0	0	0	0	0	0	0	0	NA
0200	0330	Egypt	R Cairo	9675	9475	0	0	0	0	0	0	0	0	NA

0200	0230	Hungary	R Budapest	12600	11910	9835	9520	6110	6025	0	0	0	0	NA
0200	0300	Japan	R Tokyo	17825	15420	15195	0	0	0	0	0	0	0	WNA
0200	0255	Romania	R Bucharest	11940	11810	9570	9510	6155	5990	0	0	0	0	NA
0200	0255	South Africa	Radio RSA	9615	6010	5980	0	0	0	0	0	0	0	NA
0200	0300	South Korea	R Korea	7275	0	0	0	0	0	0	0	0	0	GDS
0200	0230	Switzerland	R Swiss Int'l	12035	11925	9885	9725	6135	0	0	0	0	0	NA
0200	0300	Taiwan	V of Free China	11825	11745	11740	9765	9685	9680	5985	0	0	0	NA/Jap/As/CA/AusNZ
0200	0230	USSR	R Kiev	13605	11875	11790	9800	9685	7175	0	0	0	0	
0230	0300	Australia	R Australia	17795	17750	17715	15320	15240	15180	15160	0	0	0	As/Pac/PapNG
0230	0325	Netherlands	R Netherlands	9895	9590	6165	6020	0	0	0	0	0	0	ENA
0230	0245	Pakistan	R Pakistan	15115	11740	7315	0	0	0	0	0	0	0	
0230	0300	Sweden	R Sweden	9695	0	0	0	0	0	0	0	0	0	S As
0258	0500	Australia	R Australia	11945	0	0	0	0	0	0	0	0	0	Afr
0258	0600	USA	WRHI	7355	0	0	0	0	0	0	0	0	0	
0300	0400	Australia	R Australia	17795	17750	17715	15395	15320	15240	15160	0	0	0	As/Pac/PapNG
0300	0400	Bulgaria	R Sofia	7115	0	0	0	0	0	0	0	0	0	NA
0300	0330	Canada	R Canada Int'l	9755	5960	0	0	0	0	0	0	0	0	NA
0300	0400	China	R Beijing	15445	15280	11980	11970	0	0	0	0	0	0	NA
0300	0357	Czechoslovakia	R Prague	11990	9740	9630	7345	6055	5930	0	0	0	0	NA
0300	0350	Fed Rep Germany	R Deutsche Welle	9735	9640	9565	9545	6010	0	0	0	0	0	NA
0300	0315	Hungary	R Budapest	12000	9835	9585	9520	6110	6025	0	0	0	0	NA
0300	0500	Iraq	R Baghdad	11750	9565	0	0	0	0	0	0	0	0	NA
0300	0330	Portugal	R Portugal	9705	0	0	0	0	0	0	0	0	0	NA
0300	0400	Taiwan	V of Free China	11825	11745	9765	9685	9680	5985	0	0	0	0	NA/Jap/As/AusNZ
0300	0350	Turkey	V of Turkey	17725	9560	0	0	0	0	0	0	0	0	SE As/NA
0300	0500	USA	WRNO	6185	0	0	0	0	0	0	0	0	0	
0310	0330	Vatican State	Vatican Radio	6150	0	0	0	0	0	0	0	0	0	
0315	0330	France	R France Int'l	11700	9800	9790	9550	7135	6175	6055	0	0	0	Afr/NE/LA
0330	0415	United Arab Emirates	R Dubai	17890	15435	11940	9640	0	0	0	0	0	0	NA
0340	0350	Greece	V of Greece	9420	9395	7430	0	0	0	0	0	0	0	NA
0345	0355	France	R France Int'l	11700	9800	9790	9550	7135	6175	6055	0	0	0	Afr/NE/LA
0345	0730	New Zealand	R New Zealand Int'l	11780	0	0	0	0	0	0	0	0	0	Pac
0400	0500	Argentina	RAE	11710	9690	0	0	0	0	0	0	0	0	Americas
0400	0630	Australia	R Australia	17795	17750	17715	15395	15320	15240	15160	11910	0	0	As/Pac/PapNG
0400	0500	China	R Beijing	15280	11980	0	0	0	0	0	0	0	0	NA
0400	0450	Cuba	R Havana	9740	6140	6120	6100	6090	0	0	0	0	0	Americas
0400	0415	Israel	Kol Israel	13725	11605	9435	9009	0	0	0	0	0	0	NA/Eu/Aus/NZ
0400	0500	Japan	R Tokyo	11705	0	0	0	0	0	0	0	0	0	WNA
0400	0425	Netherlands	R Netherlands	9895	7175	0	0	0	0	0	0	0	0	NE/E Afr
0400	0430	Norway	R Norway	11870	9730	0	0	0	0	0	0	0	0	NE/India/E Afr

0400	0500	South Korea	R Korea	15575	13670	0	0	0	0	0	0	0	0	0	0	0	0	Eu
0400	0430	Sweden	R Sweden	11845	11705	9695	0	0	0	0	0	0	0	0	0	0	0	WNA
0400	0430	Switzerland	R Swiss Int'l	12035	9885	9725	6135	0	0	0	0	0	0	0	0	0	0	NA
0415	0430	France	R France Int'l	11880	9800	9790	9550	9535	7135	6055	0	0	0	0	0	0	0	Afr/NE/LA
0430	0500	Austria	ORF	11830	9755	6155	5945	0	0	0	0	0	0	0	0	0	0	NA
0430	0455	Finland	R Finland	17785	11755	11705	6120	0	0	0	0	0	0	0	0	0	0	Eu/NE
0445	0455	France	R France Int'l	11880	9800	9790	9550	9535	7135	6055	0	0	0	0	0	0	0	Afr/NE/LA
0450	0600	Cuba	R Havana	9740	6120	6100	6090	0	0	0	0	0	0	0	0	0	0	Americas
0500	0600	China	R Beijing	9565	0	0	0	0	0	0	0	0	0	0	0	0	0	NA via Guyana
0500	0700	Ecuador	HCJB	11910	9870	6230	0	0	0	0	0	0	0	0	0	0	0	Americas
0500	0550	Fed Rep Germany	R Deutsche Welle	9700	6130	6120	5960	0	0	0	0	0	0	0	0	0	0	WNA
0500	0600	Japan	R Tokyo	9735	0	0	0	0	0	0	0	0	0	0	0	0	0	
0500	0530	Norway	R Norway	15180	15165	0	0	0	0	0	0	0	0	0	0	0	0	NE/E Afr/S As
0500	0600	Spain	Sp Foreign Radio	9630	0	0	0	0	0	0	0	0	0	0	0	0	0	NA
0530	0625	Netherlands	R Netherlands	9715	6165	0	0	0	0	0	0	0	0	0	0	0	0	WNA
0530	0600	United Arab Emirates	R Dubai	21700	17830	17775	15435	0	0	0	0	0	0	0	0	0	0	Far E/Aus/As
0600	0800	Cuba	R Havana	9525	0	0	0	0	0	0	0	0	0	0	0	0	0	Americas
0600	0700	South Korea	R Korea	7275	0	0	0	0	0	0	0	0	0	0	0	0	0	GOS
0500	1200	USA	WRNO	6185	0	0	0	0	0	0	0	0	0	0	0	0	0	
0630	0700	Australia	R Australia	17795	17750	17715	15395	15240	15160	0	0	0	0	0	0	0	0	As/Pac/PapNG
0630	0700	Austria	ORF	9585	0	0	0	0	0	0	0	0	0	0	0	0	0	Pac
0630	0700	Bulgaria	R Sofia	15140	11720	0	0	0	0	0	0	0	0	0	0	0	0	W Eu
0630	0655	Finland	R Finland	11755	6120	0	0	0	0	0	0	0	0	0	0	0	0	Eu
0630	0655	Netherlands	R Netherlands	11930	9895	0	0	0	0	0	0	0	0	0	0	0	0	W Afr
0630	0700	Switzerland	R Swiss Int'l	15430	12030	9870	0	0	0	0	0	0	0	0	0	0	0	Afr
0700	0730	Australia	R Australia	17795	17750	17715	15395	15240	15160	9655	5995	0	0	0	0	0	0	As/Pac/PapNG
0700	1130	Ecuador	HCJB	11925	9745	6130	0	0	0	0	0	0	0	0	0	0	0	S Pac
0700	0800	Japan	R Tokyo	9735	0	0	0	0	0	0	0	0	0	0	0	0	0	
0700	0750	North Korea	R Pyongyang	15345	11940	0	0	0	0	0	0	0	0	0	0	0	0	
0700	0800	Taiwan	V of Free China	5985	0	0	0	0	0	0	0	0	0	0	0	0	0	NA
0730	0800	Australia	R Australia	17795	17750	17715	15395	11720	9655	9580	0	0	0	0	0	0	0	As/Pac/PapNG
0730	0855	Finland	R Finland	15265	15155	11755	6120	0	0	0	0	0	0	0	0	0	0	Eu/Aus/E As
0730	0900	Guam	KTWR	11735	0	0	0	0	0	0	0	0	0	0	0	0	0	
0730	0825	Netherlands	R Netherlands	9715	9630	0	0	0	0	0	0	0	0	0	0	0	0	NZ/Aus
0745	0900	Guam	KTWR	11735	0	0	0	0	0	0	0	0	0	0	0	0	0	
0800	0900	Australia	R Australia	17750	17715	15395	11720	9655	9580	0	0	0	0	0	0	0	0	As/Pac/PapNG
0800	0855	Belgium	BRT	15515	9880	0	0	0	0	0	0	0	0	0	0	0	0	Far East/NA
0800	1100	USA	MHRJ	7355	0	0	0	0	0	0	0	0	0	0	0	0	0	
0830	0925	Netherlands	R Netherlands	21485	17575	9715	0	0	0	0	0	0	0	0	0	0	0	SE As/NZ

1200	1300	Australia	R Australia	11800	9770	9580	7215	7205	6080	6060	5995	0	0	As/Pac/PapNG
1200	1300	China	R Beijing	9565	9535	0	0	0	0	0	0	0	0	NA
1200	1225	Finland	R Finland	15400	11945	0	0	0	0	0	0	0	0	NA
1200	1300	North Korea	R Pyongyang	9750	0	0	0	0	0	0	0	0	0	
1200	1400	USA	NRND	9715	0	0	0	0	0	0	0	0	0	
1200	1230	USSR	R Tashkent	15460	11785	9715	9600	0	0	0	0	0	0	
1230	1300	Austria	URF	15320	11955	11915	6155	0	0	0	0	0	0	NA/Eu/Aus
1230	1355	Finland	R Finland	15400	11945	0	0	0	0	0	0	0	0	NA
1230	1300	Sweden	R Sweden	11940	0	0	0	0	0	0	0	0	0	S As
1300	1330	Australia	R Australia	11800	9580	7205	6080	6060	5995	0	0	0	0	As/Pac/PapNG
1300	1355	Belgium	BRT	15590	15580	0	0	0	0	0	0	0	0	NA/Far East
1300	1400	China	R Beijing	9730	9550	0	0	0	0	0	0	0	0	NA
1300	1325	Finland	R Finland	11945	0	0	0	0	0	0	0	0	0	NA
1300	1330	Norway	R Norway	17770	15310	15245	9590	6040	0	0	0	0	0	NA/Aus/Eu/Afr
0830	0900	Switzerland	R Swiss Int'l	15570	11905	11745	9560	0	0	0	0	0	0	Aus/NZ
0900	0930	Australia	R Australia	15415	11800	11720	9655	9580	0	0	0	0	0	As/Pac/PapNG
0900	fade	Papua-N Guinea	ABC-Port Moresby	4920	0	0	0	0	0	0	0	0	0	
0930	1000	Australia	R Australia	15415	11800	9655	9580	0	0	0	0	0	0	As/Pac/PapNG
1000	1030	Australia	R Australia	15415	9770	9655	9580	0	0	0	0	0	0	As/Pac/PapNG
1000	1030	Israel	Kol Israel	17815	17685	17565	15650	15640	13725	11700	0	0	0	Eu/Aus/NZ
1000	1030	Norway	R Norway	15230	15185	9590	0	0	0	0	0	0	0	Aus/As/Eu/Far E/ME
1000	1030	Switzerland	R Swiss Int'l	15570	11905	11745	9560	0	0	0	0	0	0	Aus/NZ
1030	1100	Australia	R Australia	15415	9770	9580	0	0	0	0	0	0	0	As/Pac/PapNG
1030	1125	Netherlands	R Netherlands	9650	6020	0	0	0	0	0	0	0	0	Aus/Carib
1030	1215	New Zealand	R New Zealand Int'l	9620	6100	0	0	0	0	0	0	0	0	Aus
1030	1130	United Arab Emirates	R Dubai	21700	21605	17865	17775	0	0	0	0	0	0	Eu/Afr
1100	1130	Australia	R Australia	11800	11705	9770	9645	9580	7215	6080	5995	0	0	As/Pac/PapNG
1100	1200	China	R Beijing	9535	0	0	0	0	0	0	0	0	0	ENA
1100	1125	Finland	R Finland	15400	11945	0	0	0	0	0	0	0	0	NA
1100	1200	North Korea	R Pyongyang	9977	9555	0	0	0	0	0	0	0	0	NA/LA
1100	1115	Pakistan	R Pakistan	17660	15605	0	0	0	0	0	0	0	0	
1100	1200	South Korea	R Korea	15575	0	0	0	0	0	0	0	0	0	ME/Afr
1100	1130	Switzerland	R Swiss Int'l	17830	15585	15570	11795	0	0	0	0	0	0	SE As/Aus/NZ
1100	1300	USA	WHRI	5955	0	0	0	0	0	0	0	0	0	
1130	1200	Australia	R Australia	11800	11705	9770	9645	9580	7215	6080	6060	5995	0	As/Pac/PapNG
1130	1225	Netherlands	R Netherlands	21480	17605	17575	15560	9715	5955	0	0	0	0	Eu/ME/As

1300	1500	USA	MWRI	11790	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	2200	USA	MYFR	11875	9535	5985	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1330	1400	Australia	R Australia	9580	7135	6080	6060	5995	0	0	0	0	0	0	0	0	0	0	0	As/Pac/PapNG
1330		Guan	KTMR	9870	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1330	1400	Switzerland	R Swiss Int'l	17830	15585	15570	11955	11905	0	0	0	0	0	0	0	0	0	0	0	E Afr/India/Aus/NZ
1330	1400	United Arab Emirates	R Dubai	21700	21605	17865	17775	0	0	0	0	0	0	0	0	0	0	0	0	Eu/Afr
1330	1400	USSR	R Tashkent	15460	11785	9715	9600	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	1500	Australia	R Australia	9580	7135	6080	5995	0	0	0	0	0	0	0	0	0	0	0	0	As/Pac/PapNG
1400	1425	Finland	R Finland	17785	15400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NE/Afr/NA
1400	1430	Hungary	R Budapest	12000	11910	9835	9585	7225	0	0	0	0	0	0	0	0	0	0	0	Eu
1400	1430	Norway	R Norway	15310	15300	15245	0	0	0	0	0	0	0	0	0	0	0	0	0	NA/S As
1400	1500	South Korea	R Korea	9570	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SE As
1400	1430	Sweden	R Sweden	15345	11785	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NA
1400	1500	USA	MWRI	11965	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1400	2200	USSR	R Moscow	11860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	World Service
1430	1525	Netherlands	R Netherlands	17575	15560	13770	11735	5955	0	0	0	0	0	0	0	0	0	0	0	SW As/Eu
1500	1900	Australia	R Australia	9580	7215	7205	6080	6060	5995	0	0	0	0	0	0	0	0	0	0	As/Pac/PapNG
1500	1505	Gabon	Africa One	15200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	W Afr
1500	1600	Japan	R Tokyo	21625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	GDS
1500	1550	North Korea	R Pyongyang	9977	7105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NE/Afr
1500	1800	USA	MWRI	15105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	1700	USA	MWRI	11965	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1530	1600	Switzerland	R Swiss Int'l	17830	17570	15570	15430	0	0	0	0	0	0	0	0	0	0	0	0	E Afr
1600	1655	France	R France Int'l	17795	17620	15425	11705	6175	0	0	0	0	0	0	0	0	0	0	0	Afr
1600	1630	Norway	R Norway	17840	11925	9510	0	0	0	0	0	0	0	0	0	0	0	0	0	NE/India/S As
1600	1615	Pakistan	R Pakistan	17660	15595	11925	9465	0	0	0	0	0	0	0	0	0	0	0	0	NE
1600	1630	Portugal	R Portugal	15105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NE/India
1600	2100	Saudi Arabia	BC Serv of Kingdom of SA	9720	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600	1700	South Korea	R Korea	9870	5975	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Eu/GDS
1600	1630	Sweden	R Sweden	9665	6065	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S As/Eu
1600	1640	United Arab Emirates	R Dubai	15320	15300	11955	9550	0	0	0	0	0	0	0	0	0	0	0	0	Eu/Afr
1630	1725	Netherlands	R Netherlands	9515	6020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S&E Afr
1645	1745	Pakistan	R Pakistan	11635	9465	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Eu
1658	2100	USA	KCBI	11735	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	1750	Brazil	R Bras	15155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Eu
1700	1715	Israel	Kol Israel	13745	11585	9920	0	0	0	0	0	0	0	0	0	0	0	0	0	Eu
1700	1750	North Korea	R Pyongyang	9977	7105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NE/Afr
1700	1730	Norway	R Norway	15310	11925	9655	0	0	0	0	0	0	0	0	0	0	0	0	0	Eu/Afr/SA
1700	1730	Portugal	R Portugal	15250	11915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Afr
1700	2100	USA	MWRI	15420	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



2100	2130	Romania	R Bucharest	9690	7195	7145	6055	0	0	0	0	0	0	0	0	0	Eu
2100	2155	South Africa	Radio RSA	11900	9585	7270	0	0	0	0	0	0	0	0	0	0	Afr
2100	2130	Switzerland	R Swiss Int'l	12035	9885	9590	0	0	0	0	0	0	0	0	0	0	Afr
2100	2200	Taiwan	V of Free China	17845	15440	15370	11860	9765	9510	0	0	0	0	0	0	0	Eu/AusNZ
2100	2230	USA	MRND	11705	0	0	0	0	0	0	0	0	0	0	0	0	
2115	2245	Egypt	R Cairo	9805	0	0	0	0	0	0	0	0	0	0	0	0	Eu
2130	2200	Australia	R Australia	15395	15240	15160	0	0	0	0	0	0	0	0	0	0	As/Pac/PapMG
2130	2230	Bulgaria	R Sofia	15330	11720	0	0	0	0	0	0	0	0	0	0	0	NA
2130	2200	Canada	R Canada Int'l	17820	15150	11945	0	0	0	0	0	0	0	0	0	0	Afr
2130	2200	Ecuador	HCJB	17790	15270	0	0	0	0	0	0	0	0	0	0	0	Eu
2130	2200	Israel	Kol Israel	13725	12080	11960	9860	9435	0	0	0	0	0	0	0	0	NA/LA/Eu
2200	0100	Australia	R Australia	17795	15395	15320	15240	15160	0	0	0	0	0	0	0	0	As/Pac/PapMG
2200	2230	Canada	CBC	9755	5960	0	0	0	0	0	0	0	0	0	0	0	Eu
2200	2230	Norway	R Norway	11930	9605	0	0	0	0	0	0	0	0	0	0	0	W Afr/SA
2200	2300	Taiwan	V of Free China	17845	15440	15370	9955	0	0	0	0	0	0	0	0	0	Eu/AusNZ
2200	2250	Turkey	V of Turkey	17725	9560	9535	7215	0	0	0	0	0	0	0	0	0	SE As/NA/NE/Eu
2200	0100	USA	MHR1	9770	0	0	0	0	0	0	0	0	0	0	0	0	
2200	0200	USA	NYFR	11855	0	0	0	0	0	0	0	0	0	0	0	0	
2200	0300	USSR	R Moscow	7115	0	0	0	0	0	0	0	0	0	0	0	0	NA
2230	2400	USA	MRND	9852	0	0	0	0	0	0	0	0	0	0	0	0	
2300	2400	Bulgaria	R Sofia	15330	11720	0	0	0	0	0	0	0	0	0	0	0	NA/W Eu
2300	2330	Canada	R Canada Int'l	11710	9755	0	0	0	0	0	0	0	0	0	0	0	Carib
2300	2330	Israel	Kol Israel	9860	9435	7410	0	0	0	0	0	0	0	0	0	0	NA
2300	2400	Japan	R Tokyo	15235	11845	9675	9645	7140	0	0	0	0	0	0	0	0	GDS
2300	0000	North Korea	R Pyongyang	13650	11735	0	0	0	0	0	0	0	0	0	0	0	
2300	2330	Sweden	R Sweden	11705	9695	0	0	0	0	0	0	0	0	0	0	0	ENA
2330	2400	USSR	R Kiev	13605	11875	11790	9800	9685	9665	0	0	0	0	0	0	0	
2345	0145	New Zealand	R New Zealand Int'l	15150	11780	0	0	0	0	0	0	0	0	0	0	0	Pac/Aus

Compiled by Thomas R. Sundstrom, Vincentown, NJ

# update

August 1986\*\*\*Number 215

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

UPCOMING DEADLINES: 10 August (Mid-August) 20 August (September) 10 Sept (Mid-Sept)

Reproduction permitted. Credit original reporter and NASWA UPDATE. Dates, times and days GMT; freqs kHz.

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The "dog days" have certainly hit here, with temperatures in the high 90s during the day and static levels equally high throughout. Whew!!! But we have reports from Ed Kusalik in Alberta and some more from Dr. Richard Wood in Hawaii to keep you up to date . . .

First from Richard:

UAE UAE Radio Abu Dhabi, 4905, noted daily in Arabic, e.g., news 1530. ID is "Sawt ul Amirat al Arabiya Mutahida min Abu Dhabi." Into Arab music 1548. Despite claims of WRTH that this is subharmonic or error caused by non-use of a frequency doubler, and that the intended frequency is 9810, this appears to be an intentional regularly scheduled transmission. There is no sign of 9810. (6-25)

USA The Voice of Free China relay via WYFR, Florida noted on 11740 at 0200-0300 in English announced as beamed to Central America. Note that this conflicts with Radiobras, Brazil, also in English to the Americas 0200-0300 on 11740. (7-7) Also 0300-0400 in English on 9680. (6-30)

USSR R. Tashkent, 7325, in English to S. Asia 1330-1400; poor with ~~se~~ are QRM from another Soviet station, Mayak. (7-3)

THAILAND R. Thailand, 4830//6070 and MW 1467, heard with Thai talks 1530, vibrant chining interval signal 1558 and id "Thini...Prathet Thai" and sign-off; 1559 slow choral national anthem, 1600 automatic time signal (5 pips) through the anthem, off at 1601. Both good; no sign of listed 7115, which may be inactive. (6-16)

And now on to Ed's reports:

CLANDESTINE Council for the Liberation of Surinam via LV del CID, 9940, \*2239½-2256½\*. Noted at 2238 s/on after LV del CID signed off at 2235 and left dead air. Program of talks with comments directed to the government of Surinam. At closing of program several bursts of drums were noted. Sign-off 2256½ then dead air. LV del CID back on air 2257. Very strong here.

COOK IS. R. Cook Is., 11761(m), 0504-0605, noted with EG pop songs such as "Hello" by Lionel Richie, PSA's, IDs for "Radio Cook Islands", narration program at the half hour in Maori. Fairly strong at times. Time check 0600 for 8:00 local time. (7-1)

GABON Adventist World Radio, 9630, 1700-1720, heard with IS, s/on, ID for "AWR" then into religious program, with mentions of AWR. Bad noise made reception difficult and faded out to band noise 1720. (6-24)

Africa #1, 15200, 1448-1535, noted w/ EG pop songs, IDs for Africa #1, EG news bulletin 1504, then back to pop mx. Always a pretty strong signal here. (6-27)

ISRAEL Reshet Bet, 11585 and 13745, noted at 2020-2130. Phone in talk show at t/in, and newscast prior to hour. Five time pops on the hour, clear ID for "Kolyisrael b'Reshet Bet." Commentary/off the air relay, then back to talk show. // 13745. (6-26)

MALI RTVMalienne, 4835, \*0555½-0620, noted at sign on w/ "Cora" strings played, then NA, w/ nice clear ID for Mali, then program review/schedule of times, etc. This followed by program of native songs. Very strong. (6-25)

MOROCCO Radio Monte Carlo, 1353-1501\*, noted with commercial programs/pop songs, ads for Marlboro cigarettes. IDs for R. Monte Carlo and mentions of Morocco heard. IDs in AR and FR. Fair w/ full ID at s/off. (6-27) \*\*\*freq? tba

SOLOMON IS. SIBS, 9545, 0605-50, noted with very clear IDs and local time checks. Prgm of birthday wishes/requests, religious program and into program called "Solomon Messages." PSAs for the islands. Very strong this night. 7-1

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Thanks to Richard and Ed. 73 to all--



# LOG REPORT

## section B

4900 to 6199 kHz

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

September LR-B will be edited by Chris Lobdell, so send late items to Chris at 18 Nickerson Ave, Wilmington, MA 01887. I'll be back in October. Tnx, CL . . .

- 4915 GHANA Accra, EG 2250 6-16 (Feeley); 2250-2305\*, nx to 2255, ID, tribal mx, vernacular ID at 2300, sermon and choir mx, fair signal 6-4 (D'Angelo-PA);
- 4920 ECUADOR R. Quito, world cup nx 0105 6-22, ads, "la hora banco popular," LA mx, annod as "la voz de la capital;" fair signal (Dillon-MD).
- 4969.7 PERU R. Imagen, fair rcpn at 1130 on 7-5, "Buenos dias Peru . . . San Martin en Tarapoto, R. Imagen," fading at 1140 (Howard-CA).
- 4980 VENEZUELA Ecos del Torbes, 0050 6-22 w/Mex soccer, TC, ads, promos, fair sig (Dillon-MD).
- 4985 BRAZIL Tent. R.Br. Central, soccer 0013 6-22, TC 0044, guit, no ID hrd, poor (Dillon-MD).
- 5010 CAMEROON Garoua, seemed AR 0450 6-25, EG nx 0500, local mx, //4850,4000,4795(Laskowski-5022y VENEZUELA R. Nacional, talk 2355 7-3, ID, arnts, ballads (Alexander-PA); good with TH). futbol 0158 7-5, ID 0207 (Howard-CA); romantic mx 0214 6-27, off in mid-song 0228\*, fair (D'Angelo-PA); 5033, 6-6 0007, vocals, IDs, etc, still there 0223 (D'Angelo-PA).
- 5025 BRAZIL R. Transamazonica, PT pops 0815 7-6, arnts, ID, fair sig (Alexander-PA).
- 5027 UGANDA Kampala, lang talks 0340 6-21, NA, EG at 0400 (Laskowski-TN).
- 5050 ECUADOR Gran Poder, to 0104\* 7-1, NA(Tuchscherer-WI); to 1100 fade 6-28(Paszkiwicz-WI).
- 5949.3 PERU R. Arequipa, poor to 0315\* 7-6, OA mx, IDs, no s/off arnts (Howard-CA).
- 5950.5 CLANDESTINE R.15 de Sept, usual talk by M&W 0530-0610 7-4, mx breaks, poor(Alexander-5960 CANADA RCI, hrd 0259 on 6-9 with nx, wx, sports, SWLD, exc signal (Brann). PA).
- 5970 SPAIN Madrid, in SP at 0240, talk abt SP rock singers of the 70's (Slagt-ARUBA).
- 5975 COLOMBIA R. Macarena, ID 1017 6-28 (Paszkiwicz-WI); 1053 6-17, ID, TC, good (Brann).
- 5975 ENGLAND BBC WS, nx 2300 (Dillon-MD); relig.svc 0028(Brann); jazz, blues 0638 (Park-HI).
- 5981 GUATEMALA Union Radio, 1238-1245 tune-out, marimba mx, ID, 6-10 (Tuchscherer-WI).
- 5985 USA VoFC over WYFR, EG 0200, fair 6-29 (Dillon-MD); "Spotlight" 0245 6-17 (Slagt-ARUBA).
- 5995 AUSTRALIA RA, 1604 6-28, nx, "Talkback," //6060, 6080, fair signal (Park-HI).
- 5995 USA WERI, contemp.relig.mx 1235 6-29, ID 1236, more mx; fair, Aussie QRM (Trotto-FL).
- 6000 BRAZIL R. Guaba, hrd 1007 7-4, fair with nx, ID, rpt on Br. economy (Rigas-IL).
- 6005 ANTIGUA BBC hrd at 2241 on 6-15 with "Reflections," sports roundup, poor sig (Brann).
- 6006 COSTA RICA R. Reloj, 1002 6-9 with nx by gal, ID with echo, TC, LA mx, fair (Brann).
- 6010 SOUTH AFRICA R. RSA, EG 0200-0230 6-15, nx, ltra, "Sat Nite RSA," poor-fair (Brecht-AL).
- 6020 HOLLAND RW, EG 0127 6-28, "Newsline," 6025 splash (Dillon-MD); SP 0250 6-17 (Slagt-ARUBA).
- 6020 NETH.ANTILLES RN-Bonaire, 1038 on 6-19, nx, "Nxlne," RMN, good sig (Brann).
- 6029.4 CHILE R. Sta.Maria, fair 1138 6-28, ID 1156, fqys, jingle, ballads, 1220 fade(Howard-6030 BRAZIL R. Globo, 2309 6-10 with EZL mx, ballads, talk, ID (Paszkiwicz-WI). CA).
- 6035 LIBERIA VOA, "Daybreak Africa" 0645 7-3, EG, NAACP report, fair signal (Park-HI).
- 6040 ANTIGUA DW relay, 0100 6-14, "Focus On Bonn" (Stanley-AZ); good 0103 EG 6-29(Dillon-MD).
- 6055 JAPAN NSB, fair 0903 7-5 with "EG for Millions," evaluating "Harlem Shuffle" (Park-HI).
- 6070 E. GERMANY RFI, in SP 0120 on 6-17, awards to LA contributors, hvy QRM (Slagt-ARUBA).
- 6090 CUBA Havana, 0250 on 6-17, nice Cuban numbers of the 30's (Slagt-ARUBA).
- 6100 NEW ZEALAND R.NZ, weak 1150 7-3, mx, nx 1200, wx, full ID 1206, 1207\* (Howard-CA).
- 6100 W. GERMANY DW, choir mx 2335 6-22, gal DJ, all GM; Havana QRM 2357, fair (Dillon-MD).
- 6116 COLOMBIA LV del Llano, 0927 6-2, ads, IDs by deep echoing QM, good sig (Brann).
- 6120 CANADA BBC WS relay, world nx 0200 6-28, press review, sports world (Dillon-MD).
- 6120 NICARAGUA R. Zinica, LA mx at 1056 6-11, TC, man DJ with frequent IDs and greetings, fair sig (Brann); fair 1158 7-7, jazz, SP pops, many IDs (Rigas-IL).
- 6125 E. GERMANY RFI, 0115 6-17, awards to LA contributors, US pop mx (Slagt-ARUBA).
- 6138 SWITZERLAND SRI, IS 0113 6-17, ID, fgy amnt; EG, hvy QRM, fading by 0116 (Slagt-ARUBA).
- 6140 AUSTRALIA ABC-Wanneroo, natl nx 0959 6-16, PM mag, sports nx, poor sig (Brann).
- 6140 CUBA Havana, LA mx 0227 6-28, EG, interview w/Jesse Jackson, freedom songs, fair(Dillon-6145 W. GERMANY DW, in EG 0104 on 6-17, talk on Germans in S.Afr, elections(Slagt-ARUBA). MD).
- 6150 VATICAN R. Vatican, 0220-0330\* on 7-1, SP to 0245, then IS to FR prgm 0250, EG at 0310, nx; fair-poor reception (Jordan).
- 6165.2 S. KOREA Tent. KBS in Japanese at 1206-1220 on 7-4, //6135, JP talks, some mx; change from 6175 or just drifting? (Howard-CA).
- 6165 NETH.ANTILLES RN-Bonaire, in Dutch 0100 6-17, talk on Dutch Reformed Church in US (Slagt-ARUBA); "Nxlne" 0240 6-6, RMN, good signal (Brann).
- 6175 ANTIGUA BBC, good 2239 6-15 (Brann); mx prgmg from 0000 6-9 (Dillon-MD).
- 6185 USA WRNO, "World of Radio" at 0301 6-7, ads, "Entert. Coast to Coast," good sig (Brann).
- 6195 ANTIGUA BBC, mx at 1106, "Nx Abt Britain," exc sig 6-18 (Brann). 73 -



# LOG REPORT

## section C

6200 to 11699 kHz

Editor: Peter Drizhel, P.O. Box 663, Oxon Hill, MD 20745

### ON THE WAVE:

First to make mention of an increasingly common error--Radio Monte Carlo nests in Monaco not Morocco... Didn't use this log because it was already mentioned last month, but Jim Feeley (of GA) noted in his report of Radio Sweden (9695), "Letter bomb exploded at headquarters of Finland State Broadcasting." The kind of report you don't get every day--so thought it worth mentioning. Elsewhere...

Here's a brief extraction from a slightly irate letter received (or actually, a paraphrase with own interpretation)...REPORTERS: make sure your loggings are in Universal Time; b) before reporting a station, be certain you're actually hearing it (noting you caught an ID will help dispell my suspicion, especially with more uncommon stations broadcasting in a foreign language); c) it's better to list a station as "UnID" rather than cause confusion with a "MisID"; d) and by the way (to a couple of you), pu-leeze write legibly, and not in a cursive that only a decoder could read--these are, after all, supposed to be log reports and not prescriptions. [Did I cover it all, "E"?]

- 6240 UK BBC 2340-2400 EG, That I had a pirate at 1st, w/pop mx countdown pgm, jingles, b/then BBC ID & nx at 2400. What's the BBC doing on this freq? Weak (Alexander-PA 6/18 & 7/6)
- 6577nf ALGERIA RTA 2250-2309\* AR, AR mx, tx; g (Alexander-PA 6/14)
- 6670 UNID. 0115-0127\* SP, f b/with rtty QRM, tx by M&W, martial mx but no ID heard (LV de Alpha 66?) (Alexander-PA 7/5)
- 7105 SINGAPORE? BBC WS 1454 EG, "Best of the British" on disbanded rock gbs, this time w/ The Specials; "R.Nxreel" (Park-HI 7/3)
- 7120 CHINA RB 1008 lang, tx & mx, ID, jammed; f (Brann 6/6)
- 7125 UNID. (AIR-India?) 0125 lang, mx, M&W tx (Slagt-ARUBA 6/18)
- 7135 OMAN BBC 0220 EG, "R.Nxreel", not // to oth. BBC WS freqs; f (Hill-MA 6/14)
- 7140 UK BBC 0128 SP, internation nx at 0130 (Slagt-ARUBA 6/18)
- 7145 POLAND R.Pol. 0210 EG, "Radioactivity lev's in PL safe" (Feeley 6/18)
- 7150 USSR R.Kiev 0215-0230 EG, "Ukraine Today": responses to letters fr. listeners 'cerning Chernobyl accident (Brecht-AL 6/25)
- 7150 USSR RM 2340-2400 EG, "Lesson of Chernobyl": var's interviews w/ officials; Latvian tenor sings opera (Brecht-AL 6/25)
- 7160 OMAN BBC WS 1720 EG, "Meridian" fine arts pgm; p (Park-HI 6/30)
- 7170 IRAQ R.Bagh. 2138 EG, cmtry & mx (Feeley 6/23)
- 7195 SWEDEN RSI 0100 SW, s/on in 5 langs, nx? (Slagt-ARUBA 6/20)
- 7215 IVORY COAST RTV-Ivoirienne 2350-0001 FR, Afr. mx, ID, NA (Tuchscherer 6/12)
- 7225 RWANDA Dev.W. 0510 EG, tx on the development o/the GM.lang, Bavarian "nationalism", into FR 0515; p (Park-HI 7/6) 0525 lang, Afr.mx and M tx (Feeley 6/17)
- 7260 VANUATU RV 1058-1125\* lang, //3945 (weaker), f w/pops, ID 1100, nx fol'd by local mx (Rigas-IL 6/23)
- 7320 SIBERIA RM HS (which one?) 0751 RS, "Panorama" pgm, 1000 anmts, then "Izvestia" nx; p (Park-HI 6/7)
- 7355 USA R.Earth via WHRI 0313 EG, "SW Pandemonium" pgm (Feeley 6/22)
- 7473.2 PIRATE TNFM 0404-0432 EG, pop mx, TC, ph: 604-537-4445, "Free Voice of the Gulf Island" nr.Vancouver (Paszkiwicz 7/6)
- 7670 BULGARIA Stolnik, Home Svc. \*0259-0334 BL, No interval sig. s/on w/OM ID, 5 short & 1 long time pip at 0300, YL intro nx by OM, into mx 0304, really in the mud by 0330 (D'Angelo-PA 6/18)
- 9022 IRAN VOIRI 2332-2355 Farsi, mx, ment "Jumhuri Islami", wld nx 2338, ID 2347, tx abt. Argentina, //5084; f (Dillon-MD 6/15)
- 9027 CLAND. Vo Liberation o/Iran 0329-0351 FS, tx: Khomeini rule, ID in EG by M at 0329, fair sig. (Giella 7/5)
- 9075 PORTUGAL R.Por. 0239 EG, mx, nx (Levison 6/11)
- 9345 N.KOREA R.Pyon. 1740-1755 KR, Hostile sounding W tx abt. 88 Olympics, ID by W at 1745; g (Giella 7/4)
- 9420v GREECE VoG 0025-0045 GK, GK orthodox liturgy, ID, lcl mx (Brecht-AL 6/21) 0130 GK, ID, pgm o/GK mx, no nx (Stanley-AZ 6/14) 0339 EG, nx (Brann 6/21, L.Hall 6/30)

- 9435 ISRAEL KI 2300-2330 EG, Isr.nx, "Calling All Listeners", "DX Corner" tx abt.longwire antennas (Dillon-MD 6/15) 2330-2340 EG, nx abt.Isr & Mid.E (L.Hall 7/6) 0100 EG, IS, ID, nx: planned meeting betw. forgn.ministers o/Isr&Irk shortly (Stanley-AZ 6/13)
- 9465 PAKISTAN R.Pk. 1931-1946 FR, tx, mx 1941, better than //11640 (Tuchscherer 7/1)
- 9475 EGYPT R.Cairo 2308-2349 AR, OM/YL hosting live AR Orch. & Choral concert, off 2349, b/carrier still noted; f (Dillon-MD 6/8)
- 9510 ROMANIA R.Bu. 0400-0422 EG, W tx: 5 yr plan & irrigation system, M tx: art galleries & archeology (Brecht-AL 6/23)
- 9534.8 CHINA R.Bei. 1106 EG, wld nx, nx abt.CH; g (Brann 6/10)
- 9545 SOLOMON ISLANDS SIBC 0511-0534 EG, pops, ads, ID; g (Giella 7/4)
- 9560 E.GERMANY RBI 0350 EG, cmts on Nuke Arms, letters (L.Hall 6/30)
- 9560 TURKEY Vot 2205 EG, "TR/Belgium meet over trade volume" (Feeley 6/23)
- 9565 IRAQ R.Baghdad 0259, hrd ID, //11750 but severe co-chan. QRM by DW Monserrat (Laskowski-IN 6/19) 0304-0314 EG, drums, tx, Mid.E. mx, 11750 is better (Tuchscherer 6/29)
- 9565 RWANDA DW 0437 EG, Wld & Afr.nx, "The Week in Afr.", "Science Magazine", //7225, fair (Park-HI 7/5)
- 9575 MOROCCO R.Medi-1 2200-2230 FR, ID, nx w/mx betw.items, 2208 rep't on FR Open final, RAI QRM by 2230 (D'Angelo-PA 6/8)
- 9580 AUSTRALIA RA 0951 EG, R.Aust top hits, exc (Brann 6/3) 1120-1210 EG, publishing pgm w/look at new cookbooks (cuisine natural), wld nx (Dillon-MD 6/8)
- 9590 NETH.ANT. RNW 0250 EG, "Media Network": old radio equipment fr. 2nd Wld. War; fair (Park-HI 6/20)
- 9595 JAPAN NSB 1155-1205 JP, tx, R.Tanpa ID, IS, nx (Paszkwicz 6/23)
- 9605 OMAN BBC 1612 Urdu?, EG lang lessons, 1614\* (Park-HI 6/9)
- 9610 AUSTRALIA VLW9 1005 EG, Aussie nx, PM mag, g (Brann 6/18)
- 9615 S.AFRICA RSA 0300 EG, IS, ID, nx: S.Af.gov't satisfied w/progrs. being made to stabilize S Afr; f (Stanley-AZ 6/18)
- 9620 IVORY COAST RTV-IV. 2240-2306 FR, msly w/hi life mx, v.strong sig. (Tuchscherer 6/28) 2334-0003\* FR, EZL pops, FR vocals to ID & nx 2355, s/off ID, anmts & choral NA (D'Angelo-PA 6/30)
- 9625 CANADA CBC-N.Svc 1213-1225 EG, "Sons of Pioneers" (Trotto-FL 6/29)
- 9640 Lith.SSR R.Vilnius 2200 EG, "Here in Lithuania work on the farm is in full swing...", mx fr.Lith. composers, nx of Goodwill Games & Lith.econ (Robinson-TN 7/9; also Brann 6/16)
- 9655 AUSTRALIA RA 0650-0710 EG, mx, ID, wld nx (Hill-MA 7/5) 0855 EG, Australia Today, wld nx; g (Brann 6/3)
- 9665 Lith.SSR R.Viln. 2210 EG, feature pgmg, mx (Klein, Giella 6/30)
- 9675 EGYPT R.Cairo 0215-0225 EG, //9475, nx (Swaringen-NC 7/9)
- 9675 PERU R.del Pacifico 1358 SP, ID, ads, mx (Slagt-ARUBA 6/24)
- 9675 USSR RM Afr.Svc 1930 EG, "Africa--As We See It", mailbag show; p (Park-HI 6/21)
- 9680 PORTUGAL R.Prt. \*0030-0057\* EG, time gong, NA, brf.folk mx, ID, nx, trade & tourism items, EG b-cast sched 0045, "Our Choice of PT mx" fol'd by nx; g (Jordan 7/2; also Brecht-AL 7/3)
- 9695 BRAZIL R.Rio Mar 1405 PT, "My Brazil, My Music", ads (Slagt 6/24)
- 9700 USSR RM NAS 0204 EG, nx, Warsaw Pact meeting; p (Brann 6/16)
- 9705 BRAZIL R.Nacional-Rio. 1400 PT, tx of people having heart attacks after Brazil's World Cup loss (Slagt-ARUBA 6/29)
- 9710 ITALY RAI 0355-0411 EG, nx, vocals, s/off (Paszkwicz 6/15)
- 9715 NETH.ANT. RNW 0735 EG, nx, "Newsline", "Media Network" checking out NDxE rumors; p (Park-HI 6/26)
- 9630 CUBA RHC 2130-2138\* FR, tx abt. architecture in Havana, IS, ID, s/off anmts, NA; good (Dillon-MD 6/15)
- 9735 PARAGUAY R.Nacional 2325-0015 SP, string instr.mx, ID 2330 fol'd by 2 M w/15 mins o/nat'l & wld nx, lively folk mx, pop mx to 2400 then nx; f-g (Jordan 7/1) 0016-0034 SP, great variety of mx, IDs (Tuchscherer 6/30)
- 9740 CUBA RHC 0240 EG, Feature on anti-apartheid songs & singers, "The Mailbag" on religion in Cuba; f (Park-HI 7/6)
- 9750 CANADA RCI 0500 EG/FR, CBC IS, ID & freqs, FR nx; v.pr (Park 6/23)
- 9750 N.KOREA R.Py. 1100 EG, s/on, sched, tx abt.the experiences of the Party, martial mx, nx, s/off (What time?-ed.) (Brann 6/9)
- 9755 AUSTRIA RAI 0456-0500\* EG, pgm on Beethoven, ID, nx headlines, s/off, good sig, QRM DW, Moscow (Trotto-FL 7/3)
- 9755 CANADA RCI 2308-2329 EG, "SWL Digest Forum", ID for RCI Carib. Svc.; g (Dillon-MD 6/29) 0307 EG, "SWL Digest"; usual \*#(+) reception, hi? [Would you mind repeating that for those who tuned in late?--ed.] (I'm no more profane than Snorkel!) [Oh. Okay. As you were.--ed] (Dale Park-HI 6/16)

9755 USSR RM WS 1700 EG, nx, nx&views, listeners' request club; fair sig. (Brann 6/7)

9760 ALBANIA R.Tirana 0236-0242 EG, nx, ID, mx 0240 (Tuchscherer 6/21)

9770 AUSTRIA RAI 0130, IS, ID, nx, cmtry, feature programming (Swaringen-NC 7/9, Stanley-AZ 6/18) 0330 EG, nx, report on an architecture exhibition in Vienna; g (Stanley-AZ 6/24)

9770 USA WHRI 2106 EG, mx, tx (Feeley 6/21)

9775 CHINA CPBS II (per BBC MS in LN) 0958 CH, kids singing on top, ID, nx, //9020, KR at 0900; f (Park-HI 6/17)

9780v YEMEN R.San'a 1816-1832 AR, AR mx, ID 1830; p (Giella 7/4) 0255 AR, ann's w/ment o/Yemen, Qu'ran 0302 (Laskowski-IN 6/18) 0313-0320 AR, chants, tx, ID 0317 (Tuchscherer 6/26)

9780 DOM.REP. R.Santiago 1408 SP, tx abt. Central America (Slagt 6/24)

9800 FR.GUIANA RFI 0427 EG, filler mx of pop & Afro tunes, M at 0445 saying due to trade union strike nx will be reduced, nx; good (Park-HI 6/27)

9805 EGYPT R.Cairo 2142, hrd only AR mx (Feeley 6/23)

9830 BELGIUM BRI 0030-0100 EG, "Belgium Today", "Belgium Politics", "Sports Report" (Brecht-AL 6/17) 0030-0113 EG, "Brussels Calling", "Radio World", "Music Box"; f (Dillon-MD 6/30)

9840 KUWAIT R.Ku. 1745-1810 AR, AR mx, ID, disc.the Palestine issue; f (Dillon-MD 6/29) 2128-2148 AR, Mid.E mx (Tuchscherer 6/20)

9850 EGYPT R.Cairo 2119-2139 AR, AR mx, ID, //12050; f (Dillon-MD 6/8)

9885 SIBERIA RM WS 1608 EG, nx, cmnt on RS peace initiative, //9580; p (Park-HI 6/23)

9940 CLAND. R.Camilo Cienfuegos 2332-2359 SP, US rock & L.Am mx, Camilo & CID IDs by OM 2345; fair (Dillon-MD 6/29)

11490t CLAND. Vo Unity (presumed) 0220-0225\* Farsi??, tune-in to tx by OM, missed ID if there was one, but caught flute mx IS til carrier cut 0225, sio 353 (D'Angelo-PA 6/27)

11490 UNID. 0231-0236 AR?, poss.NA w/M&W singers & band, then M tx til abrupt end; good signal (Swaringen-NC 7/9)

11515 CHINA FB FS 0927 JP, End of pgm of CH pop mx, ID, tx about Taiwan; fair (Park-HI 6/13)

11605 ISRAEL KI 1700-1710 RS, ID, nx, tx; QRM, f (Trotto-FL 7/5)

11645 GREECE VOG 2320 SP, very slo SP int'l nx (Slagt-ARUBA 6/19)

11670 FR.GUIANA RFI 2322 SP, tx abt.popularity of Pres.Mitterand (Slagt 6/19)

11675 KUWAIT RK 2020 EG, Bob Seger's 'Albumtrac' disrupted by co-chan. RM "Trends in Tractors" (Klein 6/28)

11690 SIBERIA RS P&P 1300 CH, Horn IS, ID, into pgm; f (Park-HI 6/15)

11760 CYPRUS BBC 0620 EG, "Newsdesk"; fair (Hill-MA 6/15)

\*\*\*Thanks to all who took the time to submit, and... let's be careful out there (or something to that effect). G'day till next, .pmd.

Trans World Radio, Bonaire, Neth. Antilles, Caribbean  
High Frequency Transmitting Schedule      28 April 1986

FINAL [J86] 04 MAY 86 - 07 SEP 86.

Freq. kHz	mb	Time-Hora UTC/GMT	Time-Hora	Day-Dia	Pwr kW	Azi Deg	Zones	Target	Language
0145	49	0655-1100	0255-0700	Mon	50	170	12-16	S. Am.	Portuguese, Spanish
0145	49	0725-1100	0325-0700	Tue-Sun	50	170	12-16	S. Am.	Portuguese, Spanish
9535	31	0300-0530	2300-0130	Sun, Mon	50	327	6-8	N. Am.	English
9535	31	0300-0400	2300-2400	Tue-Sat	50	327	6-8	N. Am.	English
9535	31	0403-0500	0003-0100	Tue-Sat	50	285	10, 11	C. Am.	Spanish
9535	31	0925-1030	0525-0630	Daily	250	160	12-16	S. Am.	Portuguese, German
11815	25	1110-1255	0710-0855	Mon-Fri	50	336	6-8	N. Am.	English
11815	25	1110-1332	0710-0932	Sun	50	336	6-8	N. Am.	English
11815	25	1110-1405	0710-1005	Sat	50	336	6-8	N. Am.	English
11875	25	2255-0215	1855-2215	Daily	50	176	12-16	S. Am.	Spanish, Portuguese, Spanish
15355	19	2325-0045	1925-2045	Mon-Sat	250	160	12-16	S. Am.	German, Portuguese, Spanish
15355	19	2325-0030	1925-2030	Sun	250	160	12-16	S. Am.	German, Portuguese.



# LOG REPORT

## section D

### 11700 and above

Editor: Wallace C. Traibel, 357 N.E. 149 St., Seattle, WA 98155

- 11705 INDIA AIR in EG 1044, Hindi movie mx, cmty on media coverage of RSA vs. "New World Information Order", sig mixed with DW & jamming, p (Park HI 6/29)
- 11705 SWEDEN RSI in SP 0150-0200, DX pgmk, ID at 0157 and address (Swaringen NC 7/9) in EG 2325, tlk re reindeers in Sweden and protecting them (Slagt, ARUBA 6/19)
- 11745 SWITZERLAND SRI in EG \*0830-0840, IS, ID, nx, Grapevine pgm, p (Trotto FL 6/15)
- 11750 SINGAPORE BBC relay in EG 1012, "Omnibus" profiling Lerner & his mx, p (Park HI)
- 11750 IRAQ R. Baghdad in EG 0300-0317, ID, Iraqi mx, nx (Paszkievicz WI 6/5, Jones TX)
- 11800 ITALY RTV Italiana in IT 2341, tlk on psychological warfare, ID (Giella TX 7/2)
- 11805 BRAZIL R. Globo in PT 0313, world nx, update on World Cup, ID (Klein WI 6/28)
- 11815 NETHERLANDS ANTILLES TWR in EG 1125, "Family Talk", ID, nx, f (Dillon MD 6/28)
- 11815 PORTUGAL RFE in RM 2015, "Hot 100" pgm, nx (Paszkievicz WI 6/28)
- 11820 SPAIN REE in SP \*0500-0530+, ID, nx, spot jingle ID 0508, lively bongo drum riffs btwn tlk segs, //11730 which suffered from echo problems, f (Jordan PA 7/1)
- 11820 PIRATE R. Clandestine in EG 1750-1834\*, rock, oldies, ads (Paszkievicz WI 6/28)
- 11830 NORTH KOREA R. Pyongyang in JP 0401, NA, ID, sked, nx, //11780 (Park HI 6/15)
- 11830 IRAQ R. Baghdad in AR 2020-2028\*, mellow AR mx, ID, NA, f w/QRM (Dillon MD 6/22)
- 11840 CUBA R. Moscow relay in EG 2106, nx, "Home in the USSR", exc (Brann MO 6/15)
- 11845 VATICAN STATE RV in EG 0049-0103, ID, relig pgm, QRM fm Moscow (Dillon MD 6/29)
- 11850 ALASKA KNLS in EG 0958, Bible course, f/w jamming & distortion (Brann MO 6/12)
- 11865 SEYCHELLES FBBA in FS \*0258-0330\*, open & close with IS, tlks by YL 6M, some mx (Tuchscherer WI) also in FS 0301 w/tlk, relig hymns, ID at s/off, IS, g/w no QRM (Paszkievicz 6/18) in FS \*0258, preaching and choral singing (D'Angelo PA 6/27)
- 11890 SPAIN REE in SP 0002-0025, live World Cup soccer, ID, f (Dillon MD 6/23)
- 11900 SOUTH AFRICA RSA in EG 2102, cmntry on "fake" news reports (Feeley GA 6/21)
- 11905 WEST GERMANY DW in AR 2032-2120, AR mx, tlk re heart surgery, nx (Dillon MD 6/22)
- 11920 IVORY COAST R. Ivoriane in FR 1531, endless flute & drum mx, QRM obliterates at 1549 (Klein WI 6/10) in FR 1837-1903\*, hilife, ID, addr (Paszkievicz WI 6/14)
- 11930 PHILIPPINES VOA relay in RS 0958, US pop mx, tlks, jamming, p (Brann MO 6/11)
- 11930 USA R. Marti in SP 1500-1535, cmntry on nx items, US pop mx, vg (Jordan PA 6/21)
- 11930 ALASKA KNLS in EG 1000\*, sked, jazz, f (Brann MO 6/11)
- 11940 UNITED ARAB EMIRATES R. Dubai in EG 0330, world nx, contemp AR mx, //15435, 17890 (Hill MA 6/20) cmntry on So. African conditions in EG 0330 (Feeley GA 6/22)
- 11945 FINLAND RF in EG 1300-1322, nx re FN foreign trade & politics (Brecht AL 7/5)
- 11945 AUSTRALIA RA in EG 0325-0402, tlk, nx, ID, wx, TC, pop mx (Jordan PA 7/1)
- 11955 CANADA RCI in EG 1420, discussion of US space program (Feeley GA 7/6)
- 11965 PHILIPPINES VOA relay in CH 1336-1402, tlk on econ progress in CH, p (Giella TX)
- 11965 USA WRNO New Orleans in EG 1620, relig pgm, ads, rock mx, exc (Brann MO 6/9)
- 12005 PAKISTAN RP in AR 0449-0515, AR mx, nx, ID 0500, p (Giella TX 7/5)
- 12025 USSR R. Moscow in EG 1312, "The Way We See It" cmnty show, p (Park HI 6/26)
- 12050 USSR R. Moscow in EG 1902, nx, "Third Millennium", audio book club (Brann MO 6/1)
- 12080 ISRAEL Kol Israel in FR 2104-2130, Israeli nx, sports, f (Dillon MD 6/15)
- 13750 NORTH KOREA R. Pyongyang in KR 0837-0850\*, folk & modern revolutionary mx, NA, not listed in WRTH Newsletter, p (Park HI 6/10)
- 15000 ARGENTINA LOL time station at 1129, morse code ID & YL w/voice anmt in SP, no trace of WWV (Laskowski IN 6/16) Nice catch! only 2 kw. xmtr per WRTH.
- 15140 CHILE R. Nacional in EG 0031, DJ w/mx by Miami Sound Machine & Latin acts, promo for World Cup coverage, QRM fm RNZ on 15150, p (Park HI 6/29)
- 15145 USA WINB Red Lion, Pa. in EG 2354, relig pgm (McElvy VA 6/14)
- 15160 AUSTRALIA RA in EG 0415, internat'l rpt, mx, Aussie nx, exc (Brann MO 6/7)
- 15195 JAPAN RJT in EG 0219-0235, "Current Topics", "Japan Travelog" (McLemore FL 6/10)
- 15200 GABON Africa #1 in FP 0959, pop mx, nx, g (Brann MO 6/18) also in FR 1525, Afr'n pop mx w/ID after every song, no other comment between songs (Slagt ARUBA 6/19)
- 15250 ECUADOR HCJB Quito in GM 0003-0030\*, relig pgm & choral singing, ID in EG for //15155 xmsn at s/off, f (Park HI 6/29)
- 15255 WEST GERMANY R. Liberty in RS 2200-2238, ID, nx, cmntry at 2210, jamming on 1st day of listening but clear on 2nd day (D'Angelo PA 6/12)
- 15270 ECUADOR HCJB Quito in EG 2129, DX pgm re util stations, exc (Brann MO 6/16)
- 15280 SINGAPORE BBC relay in EG 1015, "Classical Record Review", f/w QRM (Park HI 6/8)
- 15315 NETHERLANDS ANTILLES R. Nederlands in SP 0002, "Radio Enlace" telecommunications and DX show, QRM from R. Australia on 15315, p (Park HI 7/5)

- 15320 AUSTRALIA RA in EG 2300, IS, ID, nx, "International Report", f (Stanley AZ 6/14)  
 15330 BULGARIA R. Sofia in EG 2215, DX program (Feeley GA 6/22)  
 15350 LUXEMBOURG RTL in FR 2030-2050, call-in requests, ads, splatter from AFRTS on  
 15345 (McLemore FL 6/13) also in FR 2303-2327 w/pop mx, ID, f (Giella TX 7/2)  
 15385t OMAN R. Oman in AR 1200-1250, OM ancr into presumed nx & cmntry w/many mentions  
 of Iraq & other gulf states, local string & percussion mx plus atonal M vocals,  
 poss ID 1230, then poss nx? (Jordan PA 6/16) ED: Has anyone else heard this yet?  
 15425 AUSTRALIA ABC in EG 0503, football, horse race results, g (Brann MD 6/7)  
 15430 MEXICO RMI in SP 0143, World Cup coverage (Argentina v. Brazil) (Paszkiwicz WI)  
 15435 UNITED ARAB EMIRATES R. Dubai in EG 0330, nx, contemp AR mx, //17890 (Hill MA)  
 15435 SINGAPORE BBC relay in EG 2340, "BBC Top Twenty", QRM frm FEBC (Park HI 6/18)  
 15445 PHILIPPINES VOA relay in EG 1733, "Now Music USA", rock mx, f (Park HI 6/10)  
 15465 MONACO R. Monte Carlo in AR 1339-1417, pop mx, ID, nx 1400 (Tuchscherer WI 6/10)  
 15475 GABON Africa #1 in FR 1933, DJ w/mix of US & Euro soul mx, p (Park HI 6/14)  
 15590 BELGIUM BRT in EG 1311, comments on bike races & World Cup (Levison PA 6/12)  
 15755 MADAGASCAR R. Nederlands relay in EG 0637, nx, "AsiaScan" show, f (Park HI 7/4)  
 17745 ALGERIA RTVA in EG 2003-2030, nx to 2015, then mx (Tuchscherer WI 7/1)  
 17755 BRAZIL R. Surinam via Radiobras in EG/DT 1800, ID & local nx at 1817, "shoe  
 company informed union of layoffs due to low sales", off 1825 (Feeley GA 7/4)  
 17775 UNITED ARAB EMIRATES R. Dubai in EG 1330-1400+, ID & QTH, nx, tlks on OPEC & oil  
 price issues, local instrumental & vocal mx, f (Jordan PA 6/21)  
 17780 PHILIPPINES VOA relay in KR 2150, cmntry on Libya & closure of Playboy clubs,  
 nx brief and s/off at 2159, f w/erratic fading (Park HI 7/2)  
 17650 USSR R. Moscow (FE) in EG 2336, pgm on the Balalaika or Russian mandolin, promc  
 for "Music & Musicians", //17590, 17880, f (Park HI 6/23)  
 17885 NO. MARIANAS KPBS Saipan in Burmese? \*0000, anncmt in EG of service to SE Asia  
 & India, mx resembling Burma IS, into pgr. of local pop mx, f (Park HI 6/24)  
 17890 UNITED ARAB EMIRATES R. Dubai in EG \*0330, nx, contemp AR mx, f (Hill MA 6/20)

\*\*\*\*\*  
 Several loggings received this month were listed in the July issue and were not repeated  
 in this month's issue. It is suggested that members scan their current issue of FRIENDLY  
 before mailing in their slips for Log Section D. Ordinarily, the current issue is in the  
 hands of members by the 6th of the month or earlier. This provides several days before the  
 July 12th cutoff for receipt of loggings by the Distribution Editor. Thanks also to those  
 members with several logging slips who have taken the trouble to put them in frequency  
 order and hand them together. That really speed things along, especially when there are  
 several hundred to sift through and arrange in order.  
 \*\*\*\*\*

Trans World Radio, Bonaire, Neth. Antilles, Caribbean  
High Frequency Transmitting Schedule      28 April 1986

TENTATIVE [S86] 07 SEP 86 - 02 NOV 86, [D86] 02 NOV 86 - 01 MAR 87

Freq.	mb	Time-Hora	Time-Hora	Day-Dia	Pwr	Azi	Zones	Target	Language
kHz		UTC/GMT	BONAIRE		kW	Deg	Zona	Alvo	Idioma
6145	49	0655-0930	0255-0530	Mon	50	170	12-16	S. Am.	Portuguese
6145	49	0725-0930	0325-0530	Tue-Sun	50	170	12-16	S. Am.	Portuguese
9535	31	0300-0530	2300-0130	Sun,Mon	50	327	6-8	N. Am.	English
9535	31	0300-0400	2300-2400	Tue-Sat	50	327	6-8	N. Am.	English
9535	31	0403-0500	0003-0100	Tue-Sat	50	285	10,11	C. Am.	Spanish
9535	31	0925-1030	0525-0630	Daily	250	160	12-16	S. Am.	Portuguese, German
9665	31	0942-1100	0542-0700	Daily	50	176	12-16	S. Am.	Spanish
11815	25	1110-1255	0710-0855	Mon-Fri	50	336	6-8	N. Am.	English
11815	25	1110-1332	0710-0932	Sun	50	336	6-8	N. Am.	English
11815	25	1110-1405	0710-1005	Sat	50	336	6-8	N. Am.	English
11875	25	2255-0215	1855-2215	Daily	50	176	12-16	S. Am.	Spanish, Portuguese, Spanish
15355	19	2325-0045	1925-2045	Mon-Sat	250	160	12-16	S. Am.	German, Portuguese, Spanish
15355	19	2325-0030	1925-2030	Sun	250	160	12-16	S. Am.	German, Portuguese.



# FRENDX LOG REPORTERS

Distributing Editor: John F. Henault, 55 Lincoln St., Abington, MA 02351

NASWA would like to express its appreciation to Abe Lewkowicz, this month's guest editor of the FRENDX Contributors List.

FRENDX CONTRIBUTORS LIST-----AUGUST 1986 ISSUE-----DEADLINE = 12th of MONTH  
\*\*\*\*\*

Brian ALEXANDER, Mechanicsburg, PA.; Dustin BRANN, Kansas City, MO. (ICF-2010); Richard D'ANGELO, Wyomissing, PA. (R-70); Peter DILLON, Columbia, MD. (DX-400); Jim FEELEY, Norcross, GA. (R-2000); Luther HALL, Indianapolis, IN. (R-2000/CRF-32D); Kenneth HILL, Somerville, MA. (DX-1000/ICF-2010); Ron HOWARD, Santa Barbara, CA. (R-71A); Brian JONES, San Antonio, TX. (R-70); Rufus JORDAN, Pittsburgh, PA. (DX-302/Zenith Transoceanic); Kevin J. KLEIN, Appleton, WI. (R-71A/ICF-2002); Tom LASKOWSKI, South Bend, IN. (ICF-2001); Harold LEVISON, Philadelphia, PA. (R-70); Tom McELVY, Norfolk, VA. (R-70/DX-400); Travis McLEMORE, Clearwater, FL. (FRG-7); Dale PARK, Honolulu, HI. (ICF-6700W); Sheryl PASZKIEWICZ, Manitowoc, WI. (NRD-515); Christos RIGAS, Chicago, IL. (R-2000/ICF-2002); Raymond SLAGT, Aruba, W. Indies (R-2000/ICF-7600D/DR-28); Trevor STANLEY, Flagstaff, AZ. (NRD-515); David SWARINGEN, Huntersville, NC. (R-70); Ron TROTTO, St. Cloud, FL. (CR-2021/Zenith Transoceanic); John TUCHSCHERER, Neenah, WI. (R-70/FRG-7700).

A total of 23 contributors this month, GOOD WORK FOLKS!!!

May I say hello to all you fellow shortwave listeners, I'm Abe Lewkowicz and I'll be filling in for John this month. He's ailing from kidney stones, OUCH!!! He should be back with you next month.

I live in South Weymouth which is the next town over from John's and I'm a computer repair technician for a computer company located in Plymouth. Well, you're probably wondering how do I fit in with John? We had met through an ad when John had some shortwave gear for sale which was well over two years ago and we have been good friends ever since. What more could you ask for than to have a friend close by that shares the same hobby and interests. He had also introduced me to other shortwave listening friends, one of which is your NASWA Awards Chairman, John Kapinos, and when we all get together we have a real good time (and our XYL's really don't seem to mind it at all..Hi Hi!!!).

He's a good editor and a good friend and let's all wish John A HAPPY GET WELL SOON !!!

And to all you contributors, it was a pleasure to be you temporary distributing editor, Now back to some DX'ing...



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 Telex ITT: MANILA 4004B

J-86 Frequency Schedule  
 04 MAY 86 - 06 SEP 86  
 Revised: 25 MAR 86

KHz	sb	Time (UTC)	Kw	Azi	Zone	Service Area	Language
9510	31	1300-1400	100	312	42-45	China	Chinese
9510	31	1230-1300	100	260	45,50,54	Malaysia	Malaysian
9510	31	1000-1230	100	242	49,50,54	Indonesia	Indonesian
9510	31	1400-1500	100	312	40-45	USSR-Central	Russian
9525	31	1100-1200	100	312	42-45	China	Chinese
9635	31	1300-1600	100	305	42-45	China	Chinese
9645	31	1200-1300	100	312	40-45	China	Chinese
9665	31	1500-1600	100	312	30-32	USSR-Central	Russian
9670	31	1300-1430	100	278	41,49,50	Vietnam	Vietnamese
9675	31	2300-2400	100	278	41,49,50	Vietnam	Vietnamese
9675	31	2200-2300	100	242	49,50,54	Indonesia	Indonesian
9685	31	1100-1300	100	305	42-45	China	Chinese
9745	31	1900-2000	100	323	29-33	USSR-Central	Russian
9870	31	1600-1900	100	323	29-33	USSR-Central	Russian
11735	25	2100-2300	100	305	42-45	China	Chinese
11785	25	0900-1100	100	341	32-34	USSR	Russian
11920	25	0800-0900	100	341	45	Japan	Japanese
11935	25	2100-0000	100	312	42-45	China	Chinese
15150 *	19	0500-0600	100	312	42-45	China	Chinese
15225	19	0900-1100	100	312	42-45	China	Chinese
15300	19	0000-0300	100	278	41,49,50	India	India
17880	16	0000-0300	100	276	41,49,50	India	India

LT/J86SFSKD \* Back-up for Iba C-100

# "Now why didn't I think of that?"



# DIAL

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**update**

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