

FRENDX

ANARCON 1988



***World Friendship
Thru Radio Communications***

**July 13 - 16, 1988
Irvine, California**



April 1988

NO COLLECT CALLS ON THESE ADS, PLEASE.

FOR SALE: Drake SPR-4 receiver with all crystals, manual, frequency extender, and brand new DC power cord. All in good condition. Price \$175.00 including shipping. Steve Leite, 190 Healy Street, Fall River, MA 02723. Phone (617) 675-2830.

FOR SALE: Barlow-Wadley XCR-30 portable. Continuous coverage from .5 to 30 MHz. Not digital, but built-in calibrator lets you tune to within 5 kHz on all channels. Original manual, and I will throw in an AC adapter. Good radio for someone moving up from a beginner set or as a portable to field trip. Asking \$75.00. Henry J. Michalenka, 11 Elizabeth Ann Drive, Johnston, RI 02919. Phone (401) 934-0918 early evening or weekends.

FOR SALE: NRD-525 in excellent condition from latest production run. Includes 1.0, 2.5 and 6.0 filters, manual, and carton. \$1120.00 or best offer. Eavesdropper II antenna in excellent condition, \$45.00 plus shipping. Jim Uerlings, 1437 Pacific Terrace, Klamath Falls, OR 97601. Phone (503) 884-7659 evenings and weekends or 884-8101 weekdays.

FOR SALE: FRENDX, 2/78 to 12/87 (no 6/79).

SPEEDX, 12/76 to 12/83.

Review of International Broadcasting, #5 - 122.

DX Listening Digest #1 - 18 (no #10).

National Radio Club DX News, Vol. 48/21 to Vol. 55/12 (no 48/22 or 54/8).

WFIDA VHF/UHF Digest, 6/83 to 7/85 (no 2/85).

International DXer's Club of San Diego, #44 to 67.

Other IDXCSD publications: 1981 Equipment Review.

1982 Supplement "A"

1982 Supplement "B"

1982 "Random Ramblings"

USDXA "Signal" - Jan. to April, 1982.

DSWCI News, 10/80 to 12/81.

"Voices" - first seven issues.

WRTH Newsletter, May 81 to May 82 (four issues).

FM Atlas #8 and #9.

Radio Database International: Tropical Band Survey and 1987.

NRC Domestic Log #5 and #6.

IRCA Foreign Log #9.

Speedx Utility Guide 1977.

WRTH 1976 and 1979 to 1984.

WRTH "How to Listen to The World" #7 (1972).

Bennett's "Complete SWL Handbook" (1974).

Ferrell's "Confidential Frequency List" #5 (1983).

Any offers will be considered on any of the above. I prefer to sell the periodicals as sets, but will break up into large quantities of consecutive issues. You pay postage. Please submit offers by mail only. before April 30 to Jay Novello, Box 51 Endwell Branch, Endwell, NY 13760.

WANTED: Hallicrafters S-119, Sky Buddy II receiver. Must be in good working condition. Edward Pyatt, 10-B Bainbridge Avenue, Hampton, VA 23663.

FOR SALE: Customized Beam Headings (from/to) and Distances (MI/KM) to over 415 WRTH-88 transmitter sites. Useful in selecting alternate transmissions and choosing listening times based on distances. ITU Country Codes included. Send your location/coordinates, \$5.85. Also WRTH-87, \$9.00; FRENDX-87 complete, \$7.00; Gilfer "Confidential Frequency List" and "Guide to RTTY Frequencies," \$5.00 each. All items include postage. Al Drehmann, Route 2, Box 3-B, Tryon, NC 28782. Phone (704) 894-3398.

FOR SALE: Popular Communications, September '82 (first issue) to June '87 complete, \$60.00. WRTH 1979, 80, 81, 82, 83, 84, 85, \$8.00 each. "Confidential Frequency List" (5th edition), \$5.00. All of the above plus shipping. Steven R. Lare, 824 West 25th Street, Holland, MI 49423.

NASWA

NORTH AMERICAN SHORT WAVE ASSOCIATION

WILLIAM E. OLIVER
Executive Director/
Publisher - NASWA
45 Wildflower Road
Levittown, Pa. 19057

An Announcement Concerning the Establishment of a FRENDX Editorial Committee

The members of the NASWA Executive Council, and Executive Director and Publisher Bill Oliver, are pleased to announce to the members that an Editorial Committee has been established to assist in the preparation of FRENDX, the club's monthly bulletin. The members of the committee are Bob Brown of Lansdale, Pennsylvania (known to many of you as the net control of the Sunday morning "SWL Net"), Harold Cones of Newport News, Virginia, and Chuck Rippel of Virginia Beach, Virginia, present FRENDX "DXer's Forum" editor. Chuck Rippel will chair the committee.

The main goal of the new Editorial Committee is to help with all aspects of the content of the bulletin and implement whatever new ideas seem appropriate. They will also be helping Bill by serving as liaison with the editors and performing whatever other tasks Bill may have for them. We hope that their efforts will keep NASWA the number one shortwave club in the country, and move it on to even greater accomplishments.

This is not only a good opportunity for the club as a whole, but also a chance for each of you, as individual members, to give us your comments on the contents of the bulletin. The Editorial Committee is considering issuing a questionnaire to all members in order to help the committee evaluate the direction it should take, but there is no need to wait to make your comments. If you have an idea about the bulletin, let Chuck Rippel know. His address is 1272 Parkside Place, Virginia Beach, VA 23454. He, and we, will be glad to hear from you.

THE NASWA EXECUTIVE COUNCIL

Don Jensen
John Herkimer
Glenn Hauser
Jerry Berg

Bill Oliver, Executive Director
and Publisher

NASWA NEWS

RADIO BUENAS NUEVAS

Radio Buenas Nuevas (Good News) began broadcasting on 23 July 1987 with 250 watts on 4800 khz. The provisional installations were placed on 28 January 1988 when the station started using 1000 watts and a different antenna system. An antenna between two trees was replaced when the towers were erected.

The station is owned by the National Evangelical Mam Church of Central America, a cooperative effort of twenty-nine churches in the departments of San Marcos, Huehuetenango, and Quetzaltenango in Guatemala. There are some 500,000 people in these departments who speak in the Mam language. San Sebastian H, the location of the station, is 276 kilometers northwest of the capital of Guatemala.

TGMI broadcasts daily from 1200 to 1330 UTC. All programs are in Mam with the exception of the station identification, which is also given in Spanish. Other languages of the area may be added later. The programs are mainly of an evangelical nature - readings from the Bible without commentary, Christian messages on different subjects, Christian songs with native music - along with programs on health and agriculture.

Three couples operate the station. Israel Rodas M., the manager, who is thirty-five years of age, and his wife, who have two sons and two daughters; Andreas Maldonado Lopez, who is forty-nine, and his wife, who have five children; and Gonzlo Lopez R, age forty-two, and his wife.

At the present time the station does not have QSL cards, but they are in the future plans of the station. My verification was a typewritten personal letter written by the manager and a colorful postcard of some of the Mam people who live in the region where the station broadcasts. TGMI's address is Radio Buenas Nuevas, 13020 San Sebastian H, Heuheitenango, Guatemala. Those wishing a verification should send return postage; Guatemalan stamps are preferred to international reply coupons.

(Information for this article was taken from the letter that I received as a verification -- Marlin A. Field, 128 Oak, Hillsdale, MI 49242.

According to a recent documentary on Guatemala on PBS television, a priest who operated an anti-government radio station was killed, supposedly by the Guatemalan military or some of the death squads. The station was located in Santiago Atitlan, but its name was not given. It was probably La Voz de Atitlan, a Catholic station on 2390 khz.; WRTV lists no other station in Santiago Atitlan. Reception on TGDS was last report in Frenx in May of 1987. (Field-MI).



Easy Listening

Editor: Alex Batman, 300 Hill St., Apt. 6, Boone, NC 28607

SUNDAY

- 0010-0015 *"The Week in Spain"* (Spanish Foreign Radio). This is an approximate title for a programme that reviews the most important events in Spain during the past week. Usual stories center around such subjects as: combating the Basque terrorist group Etta, state visits to and from King Juan Carlos, parliamentary proceedings, noteworthy accidents or weather damage (such as storms, etc) and an occasional sports or cultural event. Frequencies are 9.630 // 6.125 and is repeated at 0110. Also look for this programme at 0510 on 6.125.
- 0115-0120 *"Prague Mosaic"* (Radio Prague). Features people, places, and customs of the Czechoslovak capital. Past features have focused on Prague City Hall, the Horse Market (a large city square built by Charles IV in 1348), and the film studios in Prague's suburbs. Frequencies are: 5.930 // 7.345 //. The programme is repeated at 0315-0320 on the same frequencies.

MONDAY

- 1300-1315 *"Enterprise Finland"* (Radio Finland International). A programme which contains a series of features on important developments in the Finnish economy. Tourism has been featured along with the paper industry, central to Finland's industrial enterprise and the developing high-tech segment of Finland's industrial sector. Frequencies are: 15.400 // 11.945 repeated at 1400 on the same frequencies.
- 2325-2335 *"People"* (Radio Moscow). This is a re-titling and expansion of Radio Moscow's "The Future Talks". Whereas "The Future Talks" was devoted exclusively to aspirations and ideals of young Russians, "People" also includes interviews with older Soviet citizens, generally with regard to relations with the US and with healthy doses of discussions about "Perestroika" (restructuring). Frequencies are: 6.0000 // 6.045 // 7.115 // 7.215 // 7.310 // 5.915. Repeated at 0125 and 0335 on the same frequencies.

TUESDAY

- 1305-1315 *"Woman's Page"* (Radio RSA). A program devoted to woman's concerns but with a focus that many American women would find chauvinistic. Past features have included features on what to do with left-overs, simple grooming techniques, child rearing, and cooking. Frequencies are: 21.590 // 17.810 // 15.125 // 9.750. Monday-- Saturday.
- 0020-0025 *"Travel talk"* (Radio Beijing). As the name implies, a travel program devoted to the lesser known tourist attractions in China, often giving history and legend surrounding the sites as well as describing the geography. This is, by the way, the "International Year of Travel" in China, and some programs have featured interviews with foreign tourists, but that tends to be the exception rather than the rule. Frequencies are: 9.770 // 11.715. Repeated at 0320 on the same frequencies.

WEDNESDAY

- 1225-1245 "*The Farming World*" (BBC). A program devoted to rural and agricultural concerns not only in Britain but throughout the world. Features have included research on biological pesticides, biotechnology, innovative farm credit programs in the third world, cattle breeding, etc... Frequencies are: 5.965 // 6.195 // 11.775.
- 0420-0425 "*Aspects of Cooperation*" (Radio Sofia). A program devoted to different forms of cooperation--economic, scientific, and cultural--between Bulgaria and other countries. Although the focus is primarily on socialist or Balkan countries, exchange programs with other countries in the third world and in the west are also included. I seem to remember having reviewed this program about three years ago when I first started doing "Easy Listening" (I'm too lazy to get out the back issues to check), but if I did I can say that the program hasn't gotten much more interesting with age. On 7.115 every other week.

THURSDAY

- 1225-1230 "*Commentary*" (Radio Berlin International). A program which features a single editorial per day. Past editorials have focused on Afghanistan, the nuclear arms race, Nicaragua, etc. with predictable Party Line commentary, including the one they had on the repressive regime in Chile. (don't you hate it when they're right?) Frequencies are: 21.540 // 21.465 // 17.880 and repeated at 1340 on the same frequencies.
- 0045-0050 "*North/South*" (B.R.T.) A program on development projects involving third world countries, including agriculture, finances, famine relief, fund raising, etc. Although most programs are based on Belgian involvement with the projects, this is not invariably the case. Frequency is: 5.910. Repeated on Friday at 1345 on 15.590.

FRIDAY

- 2325-2330 "*Sports Round-Up*" (Radio Vilnius). General review of the week's sporting events in Lithuania, in particular, and the soviet Union in general. Usually includes football and basketball results, handball, volleyball, tennis, etc.. Frequencies are: 6.200 // 7.165 // 7.400 // 11.790 // 11.860 // 13.645.
- 0228-0233 "*Focus*" (Radio Cairo). A kind of catch-all program that includes a variety of single edition features, including the cairo Book Fair, efforts at reclamation in the Egyptian desert, and projected industrial development. Kind of a potpourri with a different feature each week. Frequencies are: 9.475 // 9.675.

SATURDAY

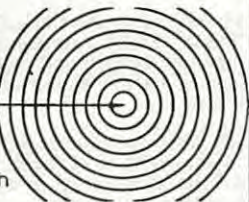
- 1240-1250 "*GDR Report*" (Radio Berlin International). The focus of this program usually somehow connects the GDR with its Asian target area. Past features have included a report on an elementary school named after Nehru, interviews with members of the GDR swimming team recently returned from Australia, and interview with a professor who for the last twenty years have been staging Brecht plays in Asia. Frequencies are: 21.465 // 17.880. Repeated at 1355 on the same frequencies.
- 1405-1430 "*Medical File*" (Radio RSA). A panel of medical experts answer questions sent in by listeners who have questions pertaining to medication or diseases and are for some reasons unsatisfied with their treatment or their physicians. Frequencies are: 21.590 // 17.810 // 15.125 // 9.750. Monday through Saturday.

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DX'ers Forum

Conducted by:
Chuck Rippel
1272 Parkside Place
Virginia Beach, VA 23454

E-Mail: ODDX or ACE BBS
ID = Chuck Rippel
Deadline: 17th of the month



April, 1988

The month of April marks the traditional setting of the sun on the DX season. I hope that the 1987 - 88 season was as good to *DX'ers Forum* readers as it was to your editor. The upcoming spring and summer months are good times for DX'ers to send follow up reports and perform some maintenance or housekeeping chores around the shack.

Perhaps if your DX habits are like mine, now might be a good time to try and QSL those countries or stations that seem to be on regularly, yet still manage to elude verification. I seem to still need cards from rather a lot of "regulars" and summer is a good time to get those QSL chores taken care of.

Before getting deeply involved with this month's DX highlights, I would like to thank Mr. Arthur Kleiner for his contribution which was forwarded to LN. Also to Bob Brown for his Sri Lanka contribution and superb job conducting the 7.240 net each week. Take the opportunity to listen in!

Probably the most timely item of interest comes from no sovereign nation at all. *Radio Caroline*, broadcasting from a ship anchored in International Waters off the coast of Britain has been back on 6.210 and was first noted on 02/26 by our own Jerry Berg. The broadcast has consisted of back to back (mostly) British pops on a "DJ" type program, weather reports and time checks. It has been heard as early as 2100 or so and past 0400 U.T.C. *Radio Caroline* has been ID'ing as "Caroline-558." Although the exact schedule is not known at this time, it is assumed that *Radio Caroline* broadcasts 24 hours a day. (NU #946)

WSZO seems to now be broadcasting on 6.070 during the popular 0900 - 1000* slot. Bill Sparks noted them 02/06 mentioning only the 49 meter outlet where in the past they made note of both the 60 and 90 meter outlets. (NU #946)

When directly asked if the transmission from *Azad Kashmir Radio* on 4.790 was actually coming from a transmitter located that country or Pakistan as rumored, Engineering Manager Abrar Ali would only say in his QSL letter to me that while he would verify the broadcast as being one from *Azad Kashmir Radio* he added, "the broadcast you listened to is actually meant for the part of *Azad Kashmir* which is occupied by India and the fate of which is to be determined by a plebiscite to be held under United Nations supervision. Due to Indian intransigence it could not take place till now." So I guess the exact transmitter location is still as much a mystery as ever. (Editor)

A good way to catch the *Sri Lanka Broadcasting Service* is during its morning english language transmission beginning at *1230 UTC on 9.720. If recording interval signals is of interest to you, this is also a good opportunity to record their hauntingly beautiful drum IS. (Bob Brown VIA the 7.240 SWL NET.)

Report from the 7.240 SWBC Convention

There are some who would say that our hobby is shrinking and diminishing in popularity, I would like to take firm issue with this position. I have several contacts within one of the largest manufacturers of SW band portable receivers. My manufacturer contact told me his company sold 80,000+ of a single model of all band radio in the US during 1987 alone! Both Gilfer and Universal Shortwave as well as other suppliers at times have had trouble filling orders for even the big ticket NRD-525's. So where all those folks who bought a SWBC receiver?? This is perhaps the question of the time. It is obvious that they are indeed out there and I'll bet looking for ways to make better use of their equipment. It is unfortunate how many receivers are probably sitting on shelves collecting dust because their owners don't know how or where to look for exciting and informative Short Wave Broadcasts.

Through this short article, I would like to provoke some interest in not only seeking out these "hidden" SWBC enthusiasts, but also motivate some of you established SWL's and DX'ers to come together to form and enjoy your own local hobby groups. We here in Tidewater Virginia have formed ODDX, the Old Dominion DX'ers Association; no doubt you have read about it here before.

Any hobby is best enjoyed in the company of others. That was certainly proven true during the "Winter SWL Fest" held in Willow Grove, PA, February 13 & 14. What started out at the 1987 ANARC Convention as a simple reunion of a small number of attendees mushroomed in just a few short months to a convention sized get together of over 60 people! Although this get together was sponsored by no club or organization in particular, by my own very rough count, about 80% of those in attendance were NASWA members!

Without over simplifying or selling short the efforts of Fest coordinators Bob Brown and Chris Field, their approach to organizing the Winter SWL Fest was basically to line up a suitable meeting place and then let people know where and when the meeting would be. No formal programs were planned or special speakers invited yet, a large number of attendees came from as far as Florida and an excellent time was had by all. The fun centered around just enjoying and sharing the common interest in our hobby.. Bob and Chris tied the ribbons on the Fest during the Saturday evening banquet where door prizes were handed out courtesy of Gilfer Shortwave, Universal Shortwave and Grove Enterprises.

Several by-products came from that event which ultimately, will become part of the larger picture of the SWL hobby. It was discovered that there were many SWBC enthusiasts who live in the Philadelphia area and yet were not aware of each others existence. Now, this group is organizing and beginning to set up regular meetings in the area so they may share their hobby experiences among themselves. The second benefit of this meeting and subsequent forming of the Philadelphia area group is their level of enthusiasm let to their entering a bid to organize a NASWA sponsored 1989 ANARC Convention to be held in the Philadelphia area! Although submitting a bid for an ANARC Convention does not automatically mean the group submitting it will win the bid, I am sure we all wish them the best of luck in doing so.

Here are a few snaps taken by ye ed during the convention:



Above: A few faces behind your monthly bulletin. Left to right:

Rowland Archer- *DX'ers Forum* Harold Cones- *Dr. DX* Tom Sundstrom- *English Language Program Guide* Chuck Rippel- *DX'ers Forum* Skip Arey- *Technical Topics* Bill Oliver- *FRENDX* Publisher Mike Harris- *Log Report "A"*

Below: Panel discussion group on SWBC DX'ing. Again, left to right:



Vlad Cucura

Mike Harris

Rich DeAngelo

Rowland Archer

Chuck Rippel

Harold Cones

Although several radios were hooked to our excellent antenna system, not a great deal of DX was heard. Undaunted by propagation conditions and the noise generated by the large neon "wedding palace" sign in front of our hotel, Dr. DX is shown below looking for openings. It would appear he has stumbled upon some openings of a different sort made by a few of the more "enthusiastic" attendees of "singles night" at the beautiful and historic Fiesta Motor Inn.

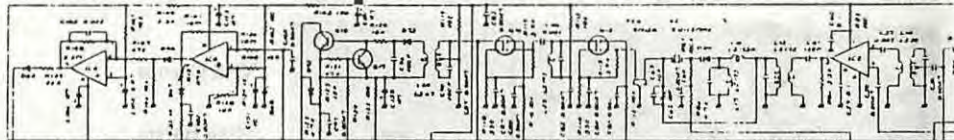


So what does all of this have to do with DX? Nothing, but everything! I should be a politician, yes?

There are many joys to be found within our hobby without really looking hard or going too far. A new station or country heard, enjoying a particular program, getting a QSL card or other correspondence from a station. Maybe it's just the anticipation felt when walking out to the mailbox wondering if there will be a wispy thin envelope covered with exotic stamps waiting inside. Yet, all these pleasures shine dim when compared with mutually sharing experiences within our peer group. If nothing else, who else would understand?

* * *

Technical Topics



Editor: T. J. "Skip" Arey, WB2GHA, P.O. Box 644, Waterford Works, NJ 08089-0664

Well...Didn't everybody have fun at the Willow Grove get together??? It is clear that the shortwave hobby will be forever changed by the meetings at the Fiesta Motor Inn. Imagine, DR. DX and BABA RAM GRID BIAS in the same room! This operation got Old Uncle Skip's juices flowing better than any "organized" convention I have attended in quite some time. BOB BROWN and his troops deserve a real big vote of thanks from all who attended this gathering.

One of the things that invariably comes up at such gatherings is the quantity and quality of equipment that people use. To hear folks talk it seemed as though half the North American shipment of NRD 525s were owned by people in that meeting room. Grant it, the most dedicated among us will go the extra mile to buy the best equipment to participate in this hobby (Or almost any hobby for that matter). T'aint nuthin' wrong with that. But sometimes I get a bit concerned that we present an image to newcomers that if you don't drop two kilobucks on hardware you may as well take up knitting. I think, if you were to do a true survey of SW enthusiasts, you will find that many SWL's and even some DXers are getting by just fine with modest gear. A lot of my hard earned cash has gone out the door to build my listening post but it has yet to be any more fun then fiddling the dials of my First DX-160.

GET TO THE POINT SKIP!!!

What I intend to do over the next several issues is pay heed to about fifty previously received letters and give the beginner, the newcomer, the novice, and even the experienced old coot an idea of how you can succeed and even excel in our hobby without selling your first born child to buy adequate equipment. If you follow along in our SPAM RADIO series you will learn how to get the most bang for your available buck and Old Uncle Skip will even let you in on a big secret revealed to him high on a mountain by BABA RAM GRID BIAS...

YOU WILL BE ABLE TO HEAR JUST AS MUCH DX AS ANYBODY (I TELL YOU THREE TIMES, ANYBODY) ELSE IN OUR HOBBY REGARDLESS OF THE PRICE OF THEIR EQUIPMENT!

The basic concept that I hope to instill in you, my loyal reader, is that headwork will beat hardware most any day of the week. By using your head, conducting a little research, and maybe even performing a few simple modifications it is possible to give yourself a listening system that can hear just as many rare loggings as the guy who just bought the latest hot box from the far east. Even the most experienced DXer will tell you that being a truly great listener involves about 25% hardware and 75% knowing what to do. So we will also spend some time looking into how to "listen smart".

The goal of all this is to once again make our hobby accessible to the kid with the paper route, the retiree on a fixed budget, and that "rare" individual who has other issues addressing his or her pocketbook.

Now to get this project really rolling I am hoping that all you folks out there will join in the process and send OLD UNCLE SKIP your thoughts and ideas. IF there is a particular topic you want addressed or a tip or hint that has made your listening less of a financial burden, please send it in. Let us also know the kind of things that didn't work for you also. That way others can avoid covering unnecessary ground in their pursuits. If you know of any particularly good sources for equipment, accessories or parts, both new and used, let us know that too. My mailman just thinks I get every radio catalog in the world.

So without further soapboxing, let us begin.

SPAM RADIO 1
THE NITTY GRITTY
or
SETTING PRIORITIES

When I went to college I was forced to sit through a mandatory Economics 101 course. The subject was dull and the professor was worse. Later, in graduate school I sat through an Ethics course that was about as exciting as watching solder joints corrode. As bad as these courses were, each presented one simple principal that served to make life a whole lot more interesting. (This is known as the intrinsic value of the liberal arts education).

In INTRODUCTION TO MACROECONOMICS, I learned of a concept called OPPORTUNITY COST. More simply stated around the pool halls of this great land as "What's it worth to ya, Bub?"

Applied directly to our hobby it could read more like this...

How much time, effort and money am I willing to expend to make it possible to hear RADIO NIBI NIBI.

Lets see now, I can quit my job so I am available to listen at all hours, I can keep my wife working and make her take a part time job as well so I can afford to buy a HAWKAZOOMIE 9000 receiver. I can purchase all the land around my house in several directions so I can run all the antennas I need. I can sell my car to buy all the latest gold plated signal processing accessories. When the bands are down I can embark on a rigid program of diet and exercise so I can live as long as possible to assure that I take advantage of every single possible chance to hear NIBI NIBI. And then, after years of effort and bushels of money, when I finally log NIBI NIBI I can send the logging into FRENDX, The Log report editor will publish it, and nobody will believe I heard it anyway!

For some people, the pursuit of DX takes on the proportions of the quest for the holy grail. But for most folks this is a hobby that we spend a few hours each week relaxing with. It becomes important to put the amount of money you spend on this hobby in perspective with the rest of your life. For example, I am also an amateur radio operator. The station I might like to own would consist of one of the top of the line transceivers, a tower and a good beam antenna. Add the accessories and I'm in for about \$3000. But, when I look at my log book, I find that I usually only spend two or three hours a week on the air. So instead I use a good used transceiver feeding a simple dipole antenna,

total cost with accessories, well under \$500. And for those two or three hours a week I have a ball. I have achieved all the usual awards, WAC, WAS, etc. Every now and then I beat out some big gun with kilowatts when chasing DX because I utilized operating skill as opposed to brute force to make the contact. So I can safely say I have fun at my hobby.

In ETHICS I learned about CORE AND PERIPHERAL VALUES This could best be examined when applied to automobiles. A Porsche 924 and a 62 Ford Falcon are both designed to get you from one place to another. I admit that the Porsche will most likely get you there faster but if either car gets a flat tire your just as stopped by the side of the road. Now let us apply this premise to SWLing. I have two primary receivers in my shack. A Collins R-390A and a SONY ICF-2010. The R-390 is hooked up to about 40 meters of wire, the 2010 has its own whip antenna. When I take the log reports from FRENDX and try to compare what I can hear with the Collins as opposed to the portable Sony I find that I can usually hear about 80% of the signals on the Sony when compared to the Collins. The advantages of the improved antenna and signal processing of the R-390A only improves my loggings by 20%. Now I turn to my pocket rocket PANASONIC RF-9. Its limitations when compared to the 2010 center more on limited frequency coverage and selectivity as opposed to the total number of signals heard. So at under \$70.00 for the RF-9, I may not hear NIBI NIBI at noon but I could probably log enough stuff to keep my interest up. Also the RF-9 is substantially more portable than my R-390A so you might say I am likely to listen more often with the RF-9 because I can take it with me to listen at other locations. The same could be said for the 2010. All three radios "get me there"!

I have also compared current FRENDX loggings with those of years past and what I find is that, on percentage, those folks using lower priced gear were still hearing about 80% of what was out there when compared to the folks back then with very serious equipment. So it is clearly possible that the person with modest equipment can have a great deal of fun playing radio.

In closing, it is important for anyone involved in this hobby to really try to understand why they listen and what they really want to listen to. Some people just love point to point utilities, to me they are boring. But I like Spy Numbers stations and some people look at me funny when I bring up that subject. But getting in touch with your desires can also help you make wise and practical decisions about equipment. If you really only want to listen to the major international broadcasters you can probably live with a very inexpensive portable and never once miss all the bells and whistles of the more expensive set ups. So before you break out the checkbook, do some soul searching. Because in the end, the only person you have to impress is yourself!

Keep those cards and letters coming folks!

73,

Ships WB2GHA

Computer Corner

Editor: Tom McElvy, P.O. Box 9645, Norfolk, VA 23505-0645

GREETINGS!

Lots of stuff this month, so lets get right down to business!

PC-LOG

PC LOG, a logbook program for the IBM-PC/XT/AT & clones, is just that: a computerized logbook. Primarily designed for the ham, SWLs will find it very useful. Ease of use was the major design goal of PC-Log. The format of the program is similar to that of Lotus 1-2-3; you simply move the cursor to the cell that you want to fill, by using the cursor control keys and typing in the desired information.

After playing with PC-LOG, I have found the program to be very flexible and fun to use, not to mention EASY to use! Much information can be stored, including a comment line. The program also allows searches by certain fields, so if you want to find ALL entries in your logbook for Radio Moscow (shiver!), simply hit F5 and follow the on-screen prompts. From there you will be given ALL instances where Radio Moscow appears in your logbook!

Easy and simple to use, PC-LOG is a MUST addition to every SWL who uses a MS-DOS machine. The program is available on all of the major SWL BBSs. The author, C.H. Chapman, WB4UIH of Acworth, Georgia, is accepting donations in the amount of \$10.00 for his program (and it's well worth it!) After using PC-LOG, you might drop him a note with YOUR ideas for improvements to the program!

THE SWL ECHOCONFERENCE

In April 1986, Larry Digiola, sysop of the "NEVERBOARD" in Pittsburgh, organized a small group of BBSs operating the Fido software into a network to exchange shortwave related messages and files automatically every night. This arrangement not only increased the information available on each BBS, making them more interesting to callers, but allowed callers to save on their phone bill by accessing the pool of messages through the node nearest to them. From this small seed grew the FidoNet's SWL EchoConference. The basic idea remains the same, and the Neverboard is still the unofficial "hub." But, so many BBSs are involved now, and the number of files and messages transferred nightly is so large, that not all participating boards store the same information. Most of the messages seem to be discussion of equipment, reports of recent DX "catches," and questions asked and answered. While there is a definite similarity to the mix of information sharing and camaraderie one finds in the radio clubs, the EchoConference has no analog to club newsletters' consolidated lists of loggings, so useful as tuning guides, and Fido's software limits the length - thus the detail - of message texts. Here is a list of bulletin boards in the SWL EchoConference, based on information provided by Kurt Barnhart, Dennis Diaz, Larry Digiola and David Snyder. They do their best to keep track of who's who in the net, although as proud-papa Larry points out, "Now there are simply too many boards to keep an accurate list":

SW ECHOCONFERENCE LIST:

Telephone #	Name of BBS	Fido Node	Location of Board
(913) 677-1288	A#C#E BBS	280/304	Shawnee Mission, KS
(404) 546-7857	Athens Forum	18/43	Athens, GE
(412) 427-4488	ARMG #101	unknown	Pittsburgh, PA
(414) 738-1219	Applegate	139/630	Appleton, WI
(216) 883-0578	Auer Register	unknown	Cleveland, OH
(301) 574-1984	Berkshire Board	261/204	Essex, MD
(602) 742-1551	Bit Bucket	15/20	Tucson, AZ
(319) 377-0004	Cedar Valley Mill	unknown	Cedar Rapids, IA
(312) 491-2611	Chicago Business	115/429	Evaston, IL
(716) 937-3521	The Comm Centre	260/160	Alden, NY
(312) 630-6282	CDPH Mail	115/700	Chicago, IL
(616) 363-3262	Edge CBCS	120/63	Grand Rapids, MI
(312) 529-1586	Elk Grove Repeater	unknown	Rosale, IL
(301) 350-1299	Fido's First RBBS	109/652	Largo, MD
(206) 565-1476	The Forum	17/43	Tacoma, WA
(602) 235-9653	Health Info-Com Net	114/15	Scottsdale, AZ
(303) 593-0766	Hip Shack	128/19	Colorado Springs, CO
(816) 331-5868	Howard's Notebook	280/301	Raymore, MO
(603) 783-4239	Info-Biz	unknown	Canterbury, NH
(807) 345-3991	M-Nat	148/124	Thunder Bay, Ontario
(417) 869-5294	The Matrix	unknown	Springfield, MO
(303) 972-9600	Microlink-B	104/108	Littleton, CO
(415) 752-6172	Midnight BBS	161/201	San Francisco, CA
(414) 282-4181	Midwest Commun.	unknown	Milwaukee, WI
(413) 684-2886	Mountain Top	321/131	Windsor, MA
(415) 651-4147	Nat'l Family Forum	unknown	Fremont, CA
(412) 243-5880	NEVERBOARD	129/17	Pittsburgh, PA
(301) 454-0360	No Place Like Home	109/117	Hyattsville, MD
(718) 442-1056	NY Transfer	107/105	Staten Island, NY
(319) 351-8783	Opus Board	unknown	Iowa City, IA
(612) 377-3469	PC-Info Exchange	14/321	Minneapolis, MN
(306) 586-1551	Polestar	140/10	Regina, Saskatchewan
(201) 963-3115	Police Station	107/341	Jersey City, NJ
(509) 487-3900	Red Wolf Opus	343/14	Spokane, WA
(306) 347-4493	Regina Fido BBS	140/19	Regina, Saskatchewan
(202) 833-1889	Rick's Fido BBS	109/635	Washington, DC
(301) 967-3309	Ronnie's Roadies	109/999	Capitol Heights, MD
(415) 659-9169	RSVP	10/425	Fremont, CA
(312) 394-0071	Samson	115/108	Arlington, IL
(808) 533-0190	Small Biz Help Net	113/1	Honolulu, HI
(306) 244-8378	Software Library	140/33	Saskatoon, SK
(415) 651-4147	Sonshine	161/56	Fremont, CA
(408) 251-4926	Tranquility Base #1	143/31	San Jose, CA
(312) 630-6282	TNT BBS	unknown	Chicago, IL
(615) 320-6963	The Unknown Opus	unknown	Nashville, TN
(413) 443-6313	VetLink #1	321/203	Pittsfield, MA

So, what good are all these listings? Well, instead of calling a board direct, you can "call it" by logging onto one of these, and joining the SWL Conference. Any mail you want to send to anyone in the world (who is on the conference) will receive it, usually the next day! And of course, you will be receiving mail, as well as reading the public messages from other boards in the SWL EchoConference! Sounds pretty neat, eh? Well, it is! Give it a try, you might find that the rare country YOU need is only a phone call away!

MS-DOS SWL DISK NOW AVAILABLE!

Since I acquired my pc clone computer last year, I have been on a quest for SWL programs; and I have found many of them, some good, some bad, some not worth my mentioning! However, as a service to all you readers out there with MS-DOS machines, I have compiled a disk of various programs, both shareware and public domain, and have them available to you either on 5.25 inch or 3.5 inch disks (standard XT formats). The programs on this disk perform a wide variety of functions, ranging from propagation and grayline prediction, to log keeping and schedule organizing. The disks are available from me for the nominal fee of \$5.00, to cover the cost of the media, disk mailers and postage. Please send checks or money orders only, NO CASH to me at the address listed in the masthead. The programs that are on the disks are:

MINI-PROP	Prediction program for HF frequencies
SCANLIST	A very nice scanner database program
PC-LOG	Described earlier in this column
GRAYLINE	Predicts what countries fall on YOUR line Today (requires BASIC, BASICA or GWBASIC)
SHORT14	Shortwave Database Program by Dan Keever
MUF4EXE	Greatly enhanced version of the MUF program

Each file is archived to conserve space, and requires Phil Katz' PKARC archive extraction utility. Full documentation is included for implementation of each program. It is suggested that you have a MINIMUM of two floppies or 1 floppy and a hard drive. I CAN make the programs available UNarchived, write me for info and prices. The \$5.00 does NOT go towards the shareware fees in any way; it is simply for the media, mailers, postage and my time in copying the disks. Besides, that is a very small investment for 6 great programs! (and that's less than a buck a program!!!!)

COMING SOON TO A FRENEX NEAR YOU...

I recently received a very nice article from Bill Krause, Sysop of the ANARC BBS out in Spokane Washington. The article is entitled COMPUTERS AND SHORTWAVE RADIO: THEN AND NOW. The article is informative and interesting, and should prove to be good reading for you all. Because of it's length, it will be broken up into several articles, starting next month. Hope that you enjoy it!

WRAP UP DEPARTMENT:

Well, that about does it for this issue. Glad to see the goodies rolling in from you folks! Without your help, there could be no Computer Corner! So keep the cards and letters rolling, and I look forward to hearing from you soon!

73!



NASWA Awards Program:

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

Greetings and welcome to the April 1988 NASWA Awards Page. The following folks earned NASWA Awards since the last column was prepared:

Rowland ARCHER, Raleigh, NC: Master Pacifica DXer; South American Continental DXPer

Richard E. DAVIS, Portales, NM: Senior Time Station DXer

Sheryl PASZKIEWICZ, Manitowoc, WI: Senior Radio Moscow DXer

Thomas V. ROSS, Lyons, IL: DX Centurian

Gayle VAN HORN, Orange Park, FL: Senior DX Centurian, Senior British Commonwealth DXer, Senior Ecclesiastic DXer - 35 station endorsement.

Kent WILLIS, Louisville, KY: DXer de Pacifica

We are also holding several applications for the new Antarctic Award. The Certificates are expected any day now and the Awards will be sent out post haste.

**** kap's comments ****

Mr. Ulrich Neye, Danziger Strabe 11, 3172 Isenbittel, West Germany sent us information on a new Award he is handling. This Award, "Middle East DX Award", requires QSLs from Short Wave Broadcast Stations in 10 of the following countries: Afghanistan, Algeria, Bahrain, Cyprus, Egypt, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, Qatar, Saudi Arabia, Syrian, Tunisia, Turkey, United Arab Emirates, Yemen Arab Republic and the People's Democratic Republic of Yemen. The cost is \$2. US, 4 IRC or 4. DM in unused West German stamps. Mr. Neye does require that photocopies of the appropriate QSLs or a notarized statement be submitted with the application.

We are always pleased to mention Awards available from other organizations. Information and requirements should be sent to me and we will run the information as soon as space considerations permit.

We are also pleased to announce that even with the upcoming postage rate increases we will not raise the Awards price. However, should USPS do it again next year we will have to reconsider our position.

The "Senior Master DX Centurian" plaque we mentioned recently has elicited some very favorable comments. Our erstwhile official NASWA Awards designer, John Herkimer, has graciously volunteered to do the design and production honors. Details will follow.

For the last time, kindly do not contact me regarding non receipt of materials from either the "WDX" service or the UHN Newsletter. There is nothing I can do about these problems.

Should we not suffer a complete foo-zoo-woo-zoo fit (a/k/a nervous breakdown) thanks to the IRS by April 15th look for us at the ANARC booth at the Dayton Hamvention the end of the month. Actually, we are being unkind to the IRS, they only enforce the law. The manufacturers of Maalox and Gelusil can thank the Congress of the United States for the Tax "Reform" Act of 1986 and the "Technical Corrections" which were passed on December 22, 1987. We in the Accounting profession are pleased that the Congress, in its infinite wisdom, spent almost as much time on Tax "reform" as they have listening to Woody Allen complaining to various Congressional Committees about the "colorizing" of a couple of his films.

Yes, the above was a political statement, perhaps the last one that will ever appear in this column, unless

Till next month (I should live so long)

Best, [Signature] 4/19/88

DR. DX GOES TO THE WINTER SHORTWAVE LISTENER'S FESTIVAL IN
THE PINK AND PURPLE PANCHO VILLA ROOM OF THE BEAUTIFUL AND
HISTORIC FIESTA MOTOR INN AT WILLOW GROVE, PENNSYLVANIA

Dr. DX was sure excited. He was going to the Winter SWL festival at the beautiful and historic Fiesta Motor Inn in Willow Grove, PA. But Dr. DX was also excited because he was going on AMTRAK. Dr. DX loves to ride the train and AMTRAK always has surprises in store for Dr. DX. Mrs. Dr. DX let Dr. DX off at the train station and told him to have a good time at his silly radio thing (Mrs. Dr. DX sometimes does not understand the really important things in life). Dr. DX got very concerned because the train was running on time and arrived in Philadelphia right when it was supposed to and did not hit anything. The first thing Dr. DX saw in the City of Brotherly Love was a car parked in a No Parking zone with a rhino locked on its wheel. Dr. DX kept thinking about the bumpy ride that person would have and how he would explain that thing on his wheel to his wife. Dr. DX was met at the station by a bunch of nice shortwavers who loaded him up for the trip to Willow Grove. The shortwavers took Dr. DX through some really beautiful parts of Philadelphia and Dr. DX was sure glad his window was rolled up and his door locked. Soon, looming on the horizon, was the mecca of the east, the beautiful and historic Fiesta Motor Inn and Marriage Emporium (honest, that is what the sign said, Dr. DX would not fool you). Dr. DX had to wait awhile to get into his room because construction workers had been living there for a week and the floor was covered with some sort of funny looking stuff and funny looking cigarettes that were rolled up at both ends. The nice lady with no teeth who was cleaning the room told Dr. DX to come back a little later because they were not quite finished using the flame thrower in the bathroom. It was easy for Dr. DX to find his room again because in front of the door there was a broken-down truck with a flat tire and a shovel handle wedged under the rear wheel to keep it from rolling away. While Dr. DX was waiting for his room to be rebuilt, he helped the other shortwavers erect an antenna between the two wings of the building. Soon, however, Dr. DX was allowed to enter the Pancho Villa room, the breathtakingly beautiful meeting room for the Winter SWL festival. The walls of the Pancho Villa room were a lovely shade of pink (in most places) with purple stripes that were almost in straight lines. The carpet was black and green and red swirl, which was just right for hiding most of the major stains. Dr. DX asked about the large number of trash cans at odd places around the beautiful Pancho Villa room and found out that they could not be moved because they were catching the roof drips and the management did not want the freshly varnished partially tiled dance floor of the beautiful pink and purple Pancho Villa room to become wet. It was just as the motto said, "Nothing is too good for the Winter SWL Festival." It soon got dark at the beautiful and historic Fiesta Motor Inn and Dr. DX headed for the hospitality room where all the radio tuning oil was kept. The tuning oil acted like a magnet to all the shortwavers who had arrived early and Dr. DX realized real quick that the beautiful and historic Fiesta Motor Inn of Willow Grove, PA, was going to host a real Jim-dandy event. The hospitality room was filled with really fine folks, including most of the editors of FRENEX. Dr. DX lifted a toast to all, then again, and again, and then another. Dr. DX was sure having some fun. That night was "Single's Night" at Murphy's Bar and Lounge, the restaurant attached to the beautiful and historic Fiesta Motor Inn, and Dr. DX had an interesting evening watching the police come and go hauling assorted people away. When Dr. DX got to his room late that night he was sure surprised--the management of the beautiful and historic Fiesta Motor Inn had sprayed some sort of stuff on the ceiling and when Dr. DX turned the lights out for the night,

It looked like he had stars in his ceiling, shining all around the water stains. Wow, Dr. DX was sure lucky to be at such a neat place. Dr. DX thought this room was nearly as neat as an AMTRAK sleeper. Dr. DX got up early and ate breakfast at Murphy's. Dr. DX did not even have to eat near the spot where the man had been shot the night before. As Dr. DX looked around Murphy's he thought it was too bad he would not be there for the Valentine's dance they were advertising--with all the fun of single's night, Dr. DX bets that the Valentine's dance would be real neat. He also saw an ad for the Chippendale Dancers due there next week--Dr. DX is not sure why people would pay money to see furniture dance. Dr. DX guesses that some people must not have liked dancing furniture because the wall just outside the bar was full of holes where people had put their fist through the wall. Perhaps, though, that is just some sort of custom that the people of the beautiful and historic Flesta Motor Inn have. Anyway, Dr. DX met a lot of shortwavers at breakfast and luckily, none of them had to sit near where the man had been shot the night before either. When the group finally met at the beautiful pink and purple Pancho Villa room for the panel discussions, everybody settled into groups according to their interest and had an outstanding time. At one time the activities became so intense that some people moved some of the trash cans. Dr. DX was sure amazed by all the information that was exchanged that day and was awful glad he had come. All too soon the time came for the evening banquet. The evening banquet was beef and beer and, unlike the ANARC convention Dr. DX attended in Canada, people did not have to dress up to look like somebody they were not but could look just like they really were--that was kind of scary to Dr. DX. Dr. DX was asked early in the evening to bung the keg (because they needed an expert) and that turned out to be a big mistake for Dr. DX. The food was not served for a long time and Dr. DX got a little too friendly with the keg. Then, when the highlight of the evening came--the keynote speech by Dr. DX, Dr. DX was not really able to give a speech, so he had to read his speech instead. The problem was that Dr. DX was trying to read the speech through the bottom of two beer cups and Dr. DX made a few mistakes. Nobody seemed to care though, because everyone was having the same trouble as Dr. DX. The man who served the meal was real nice and nobody seemed to care that his fly was open. The lady helping with the serving was also very nice. Nobody really knew what the job was of the 400 pound person who sat in the corner, but then nobody asked either. The time at last came that everyone had been waiting for--the drawing for prizes. Prizes had been donated by Bob Grove, Fred Osterman, and EEB. Even Dr. DX won a prize (and he didn't get the bird this time)! But the highlight of the evening came with the distribution of the sacred Universal Shortwave screwdrivers. Dr. DX had been hearing about these screwdrivers all day and was first in line to receive his. Dr. DX now keeps it in a special place in his radio room as a reminder of the Winter Shortwave Listener's Festival in the pink and purple Pancho Villa room of the beautiful and historic Flesta Motor Inn of Willow Grove, PA, and no one is allowed to touch it. Dr. DX just hopes that one day he will receive a second one so that he will have a matched pair--ah, if those screwdrivers could just talk! After another night in the starlight room of the beautiful and historic Flesta Motor Inn, it was time for Dr. DX to board the AMTRAK for the trip home. AMTRAK had a very strange trip in store for Dr. DX-- Dr. DX got home 20 minutes early. Now Dr. DX thinks that must be some sort of record for AMTRAK and he is going to look that up and let you know another time.



Listeners Notebook

GLENN HAUSER, Box 1684, Enid, OK 73702

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AFGHANISTAN R Afgh ES in Baluchi/Pashto 0130-0430 is on 9755 & 4450; het on 6085 could be another // for this (Dr Supratik Sanatani, Calcutta, India 5/3) New M88 fqs for ES in Pashto & Dari 1730-1830, GM 1830-19, EG 19-1930: 9640 & 7160 (WBI 11/3) I suppose most or all of the above are Soviet relays

ALGERIA R Algiers has new addr: Enterprise National de Télédiffusion, Centre Nodal Bouzareah, Alger (Edwin Southwell, UKOGBANI, DSWCI SWN March) Monitoring 16-28/2: Since 16/2, nx at 17 on RTA-3 in FR; 9-15/2 had been in Colloquial Algerian AR (WBI 4/3) RTA DS: all HF channels subject to variation; times of some pgms may be changed during Ramadan [which is high -gh]. Channel One (Arabic Net): 24h on LW & MW; plus: 00 6160. 05 11715 6160. 0803 11715 and 7246=not Fri. 11 on 11715. 14 on 11715 and 7246=not Thu/Fri. 15 same plus 7145. 16 11715 7145. 17-24 11715 7145 6160. Nx on top of most hours; other pgms incl: 0500-0505 National anthem. 0533-08 Together on the path of life. 1703-18 The V of Palestine. 20-2015 Fri The Week's Events. 2315-2320 pgm pw. RTA Channel Two (Kabyle Net) on MW + 7246: 05-0803, 0803-1100 Fri, 11-14, 14-16 Thu/Fri, 16-22. Pgm pw on 0510-0512, Fri 1102-1104, Sat-Thu at 1112-1114, Thu/Fri 16-1602, Sat-Wed 1608-1612. RTA Channel Three (French Net) 0458 on 15205 15160 9509. 11 on 15205 15160. 12 on 15205 15160 9509. 19 on 15205 15160. 21 on 15205 15160 9509. Nx on the hour (WBI 11/3) + MW

ANDORRA I was in Andorra for skiing, and there on the next mountain to our resort was the old Sud Radio site, actually at top of the runs of next resort down the road, Pas de la Caste (or similar). QSL showed two masts up on that hill but one has blown down in a storm and only a small part of it is still standing. On opposite direction down in a valley between two great mountains was site of old R Andorra, not far from capital, high on a mountain looking up from road, but actually between two mountains. At side of lake used hydro electric power stn. No one seems to know if stns would ever come back on the air (Ken Baird, Feb DSWCI SW News)

ARGENTINA R Rivadavia, on new 9115 3/1 2148-2200* tangos, correpondents reports, abrupt s/off at new time (Martin Elbe, FRG, Feb DSWCI) not new

AUSTRALIA RA reported 25/2: policy paper prepared by fed govt says RA bears no clear cut or direct relationship to main purposes of the ABC. There may be good reason for transferring RA, the ABC overseas svc, to another organisation. Paper to be released tomorrow amid continuing debate whether ABC getting sufficient funding. Proposes that ABC charter contain (¿core) priorities such as nx and current affairs, arts, educ pgms and politics. Peripherals: RA, orchestras, public concerts, parliamentary bcs (WBI 4/3)

RA Communicator reported 6/3: Review of Natl BCing Policy released a week ago by Senator Gareth Evans, Minister for Transport & Comms. Refers to funding of core pgming, i.e. nx and current affairs, drama, children's features. Other activities such as entertainment and sport, 'd have to be financed separately, perhaps by corporate sponsorship, opposed by ABC. Finally, peripheral activities including symphony orchs, and yes, R Australia. Sen Evans proposes we be hived-off [sic], settadeer set adrift from ABC to find berth at either Forn Affairs or Dept of Comms, perhaps even to become totally independent. But Sen says not yet made up mind. [Evans:] I have no doubt RA's funxions worth preserving. [Presenter:] Debate underway here at RA; some think should remain part of ABC; others Communications and not Forn Affairs. All incl Sen Evans agree we must maintain our editorial independence. RA Director Peter Barnett is against breaking ties w/ABC, due to 50-year association, part of ABC tradition of credibility. [Barnett:] Must face possible cutbacks due to inadequate funding: 24 hours of English; weekend sporting service; drop smaller languages; 25% of budget on nx & current affairs. [Presenter:] Listeners are invited to take part in the debate about where cuts should be made; write to the Director, RA, Melbourne (WBI 11/3)

B A N G L A D E S H Recent printed sked from R Bang shows from 1/4 new EG xmsn to SEAs at 1145-1215 on 17740 15255 (WBI 11/3) WRTH 88 has messed up the S Asian countries and in case of Bang HS on SW, the mess has been complete. It is observed: 4890 00-0330. 7080 0330-05. 6195 0430-11. 4890 1250-16. 6170 1250-16. 6170 has full carrier but vy feeble audio due to mod problems. ES in Bengali 1915-20 on 6220 ex-6240, and on 7505. On 1/3 6220 obs switching several times to 6240 and 6260 but during s/off returned to 6200, ancd as 6220 & 7505 (Supratik Sanatani, Calcutta, India, 5/3)

B E L G I U M LV du Zaire reported 1/3: You are tuned to Zaire Cultural Radio. If you are passing thru Brussels, just tune into RCZ, a stn to be established soon there. A personal initiative of Marshal Mobutu Sese Seko, MPR party founder and president of republic (WBI 11/3) Probably on FM (gh)

B H U T A N After seeing this country's listing in WRTH 88 I can understand why gh upset re Aruba in Jan LN. I am feeling the same. In ADXR of April 87, Sudiopto Ghose mentd that Bhutan was planning to use 9615. Then SCDX printed that they had already done so. We could see from here that some of the Euro clubs were lifting off the Bhutan info w/out due credits and many a time incorrectly. And see now, WRTH wrong on one of the most wanted radio countries. Contrary to WRTH 88, BBS Thimphu continues on 6035, and 9615 has not been used so far. Sked still 11-14 weekdays, 06-09 Sundays (Dr Supratik Sanatani, Calcutta, 5/3)

BBS Thimphu on 6035 providing G reception thruout our eves, Mon-Sat 11-14. Clear channel but still seems rare catch in Eu and rest of world. EG 1330-14 includes 5 min nx and rest filled by western pop songs. No signs of planned 50 kW SW xmtr yet (Sarath Weerakoon, Sri Lanka, Dec-Feb Union of Asian DXers)

B R A Z I L R Alvorada, reported at 0002 on new 3315, is inactive! (Ravin G Sewdien, Suriname, Feb DSWCI SWN) R Liberal, 3225, ans w/ltr, viewcard, note. V/s Carlos Antonio Dorosario, a reporter at stn. Collects viewcards and says he is planning tour to Eu/Sweden (Stefan Bjorn, SWB via Feb DSWCI SWN) R Morimoto, 5025, on ltrhead shows diff addr from WRTH 88: Rua Costa e Silva 1113, Villa Jotão, CEP 78930, Ji-Paraná, RO. Has 5 kW. Diretor is Joel Nogueira (Lars-Eric Svensson, SWB via ibid) The Braz on 4976.2 was R Timbira!! Got an ID the day after previous report sent. It then settled more or less on nom 4975 for next few days; it was on 4976.2 21/12 and 22/12. ID was quite tough: no mention of stn name, just MW ID ZYH888 1290 kHz 232.5m OM (Gordon Bennett, England, Mar DSWCI SWN) So how do you know the stn name has not been changed?? (gh)

B U R K I N A F A S O Burkina Natl R, Ouagadougou, DS: 0530-07 M-F on 4815, 07-08 daily on 4815, 08-09 daily on 7230, 09-12 Sun/Thu/Sat 7230, 12-17 daily 7230, 17-24 daily 4815. Pgmng is multilingual incl FR nx at 06-0605, 0630-0640, 19-1930, 22-2210 (WBI 11/3)

B U R M A Re power of Maymo Defence Bcing Unit, I can bet my Tanzania MW QSL that power is more than the estimated 1kW, if not 50 kW (Supratik Sanatani, VU)

C H A D Report of 4890.2 in Jan SWN is definitely spur as also on 4918.8, ± 14.3 kHz from 4904.5 (Bernhard Grundl, GFR, March DSWCI SWN)

AFP reported 26/2 from Ndjamena: Three cameras, four video recorders, two TV sets and one 100-watt xmtr: this is all that a dozen journalists, cameramen and techs have been using to operate a TV stn for two months now. The idea of Télé-Chad came up unexpectedly last Dec during summit of Customs & Economic Union of Central Af (UDEAC). Despite scanty resources, Chad authorities promised to overcome challenge of having event covered by hitherto non-existent natl TV. 10/12, first pgms bc to great surprise of Ndjamena residents. Has no control room or pro eqp. All pgms recorded and sent to xmtr at suburb Goundji. 100-W xmtr w/15-km radius does not meet needs either. Receiving Tele-Chad is particularly acrobatic feat. Sound and image fgs are such that ordinary TV set cannot receive both at same time. One has to choose betw silent image or sound w/out pix. Otherwise one has to get a costly and rare multisystem TV set. But continues to carry regular pgms Mon, Tue, Wed eves, Sun morns. Competes w/Came-room TV, receivable in Ndjamena and along border. Second xmtr ordered from France w/same mod system as Cam TV expected to rid Chad viewers of current gymnastix (WBI 4/3) wonder if it was NTSC or OIRT xmtr they used (gh) +LMI

C H I N A Xinhua reported 1/2: W/more bcng and TV stns being set up and more HF eqp installed in local factories, Peking [sic] residents face greater threat of electromagnetic radiation. Experts agree amount of electromag rad in areas near xmtrs is over approved safety std of 30 microwatts/cm². (WBI 26/2) I can believe it, from the overload on FM band there (gh)

Only apx fq usage is shown here; fqs are changed progressively over the hour prior to that shown in this sked [something I've suspected for long time in BBCMS info about this and other countries; glad they're finally spelling it out]

CPBS Taiwan Svc First Pgm, Peking [sic], mostly in Std Chinese, w/some pgms in Amoy and Hakka: 0055-0610 15710 11925 11100 9455 [+MW in all cases]. 0955- on 11925 11100 9380 3815. 1118 on 11100 9380 7620 3815. 1245 on 9380 7620 6015 3815. 1400 on 7620 6015 5125 3815. 2320-24 on 9380 7620 6015 3815.

CPBS Taiwan Svc Second Pgm, Peking [sic], in Std CH, Amoy, Hakka: 2053 on 6790 5090 4850. 23 on 9170 6790 6095 4850. 2330 on 6790 6095. 00 on 11000 9170 6095 until 0102. 0353-0605 on 15880 11000 6095. 0605-0955 exc Wed on same. 0955- daily on same. 1015 on 11000 9170 6095. 1130 on 9170 6790 6095. 1215- 1803 on 6790 6095 5090. (WBI 26/2)

Zhongguo Xinwen She reported 15/2 from Canton [sic]: Guangdong TV stn determined to improve in Year of Dragon. Ch 1 renamed Guangdong Lingnan TV Stn; Ch 2 renamed Guangdong Zhujiang TV Stn. Lingnan in Std Chinese mainly for intellectuals w/political and current affairs; Zhujiang in Cantonese, stressing entertainment. Skeds increased to 18 hpd, 23-17 utc. Staff increased from 890 to 1200. 90% increase in funding. Last year's 600 hours of imported pgms to increase to 800 this year. TV nx pgms 10x a week this year, ex-8 (WBI 4/3) Be sure to ascend the TV tower for a terrific view of the city (gh)

Shaanxi PBS, Xian, reported 4/3: Plans to expand prov radio & TV centre. To start second TV channel; increase hours of second radio svc (WBI 11/3)

C O S T A R I C A R Discovery is now off the air (Feb DSWCI SWN) Yes, it's off the air in CR and zillions of countries including the one where it was once on the air, Dominican Republic. Not the first time a DX publication has put this stn in CR instead of DR. How could they possibly be confused??? (gh)

C H I L E Info gathered during recent visit to Stgo: 6020 R Portales inactive. 6030 R Santa Maria *0855-0300* 1 kW. 6080 R Pagonia [sic] Chilena Mon-Th 1030-04, Fri & Sat 1030-06, Sun 11-03. 6100 R Calama has problems w/SW concession, so only on Suns 10-01 and during football; 1 kW. 6135 nf for R Univ de Concepción, reactivatd since 8/12, *10-02*, 10 kW. 9550 R Nacional *0930-1230*, *1530-1830*, *2100-0000*. 9572 R Portales inactive. 9630 R Agricultura inactive at the moment. 9750 R Minería *11-1230*, *17-18*. 15140 R Nacional *0930-1230*, *1520-1830*, *21-00* (Gabriel Iván Barrera, March SWN of DSWCI)

D E N M A R K QSL policy of R Denmark is: SW = a QSL card is sent to correct reports, plus [incorrect??] reports from Denmark/Europe. MW/LW/FM reports are not verified, at least not by RD. Some regional FMs do verify, others don't. (Erik Kjøie, Feb DSWCI SWN) New SW xmtrs earlier mooted [sic] are unlikely to be set up due to pressure of public opinion. RD now negotiating w/R Norway Intl for relay, as latter now has excess xmtr capacity. Poss problem is that authorities in Oslo most control all pgming as required by law, and Denmark may not accept this kind of 'censorship' (JADX via Dec ADXR, mailed in March)

DOMINICAN REPUBLIC R Amanecer, 6025, besides usual QSL sent me nice square-shaped 4-color pennant, which I haven't seen reported by anyone else. Either brand new or I just lucked out (Steve Reinstein, FL, Mar DSWCI)

E C U A D O R (Feb DSWCI Shortwave News)

and from G.A.B. Italy we've received the "Concesionarios del servicio de radiodifusion" as of 19th May, 1987. Some of the listings are a little outdated, some possibly predated, but there's a good amount of interesting info, so let's go ahead in this order: Frequency, station name, name of concession holder, address (these are the true addresses, most in WRTH are Appartados):

- 3240 R ANTEÑA LIBRE Vicariato Apostol. Esmeraldas
- 3250 Av. Sucre s/n, Esmeraldas
- LA VOZ DEL TRIUNFO Yanez Orquera Manuel Maria
- Av. 1a. Circunv., Sto. Domingo
- 3260 LA VOZ DEL RIO CARRIZAL Navarrete V. Roque
- Av. 10 de Ag. s/n, Calceta
- 3280 LA VOZ DEL NAPO Vicariato Apostolico del Napo
- Mision Josefina, Tena
- 3285 LA VOZ DEL RIO TARGUI Pulla Celleri Alicia
- R. 1a. Mar 12-102, Cuenca
- 3290 R PANAFRERICANA Llerena Paredes Luis Hdros.
- Av. Montalvo 10a, Guero
- 3310 LA VOZ DE LA FRONTERA
- Coop. Ahorro y Cred. Chimborazo
- Av. Bolivar 326, Macara
- 3315 R PASTAZA Sind. Choferes Pastaza
- Av. Ceal. Marin 391, Puyo
- 3320 R SANGAY Rivadensira R. Simon Lcco.
- Macas
- 3325 ONDAS GUEVEDENAS Alvadaro Prado Humberto Lcco.
- Av. 12va 205, Guevedo
- 3330 LA VOZ DE ZAMORA Comunidad Franciscana
- Zamora
- 3360 R FEDERACION SHUAR Federacion Centros Shuar
- Av. D. Comin 1738, Sucua
- 3380 R IRIS Alvarez Tenorio Daniel Lcco.
- Av. Bolivar y Roc., Esmeraldas
- 3395 R ZARACAY Velastegui Dominguez Holguer
- Av. Ibarra y Babah., Sto. Domingo
- 4755 R EL MUNDO Vergara Jimenez Gabriel
- Av. Rocafuerte 719, Guayaquil
- 4760 R ATALAYA Sistema de Emisoras Atalaya
- Av. Rumschaca 934, Guayaquil
- 4765 C.F. E. Guerrero Valenzuela Rafael
- Av. Boyaca 642, Guayaquil
- 4770 ONDAS CANARIS Vicuna Novillo Carlos H.
- Av. Rivera 313, Atroque
- 4785 R FEDERACION SHUAR Federacion Centros Shuar
- Av. D. Comin 1738, Sucua
- 4795 LA VOZ DE LOS CARAS Nevarez Pinto Jose Alejandro
- Av. Malecon 1502, Bahia
- 4800 R POPULAR INDEPENDIENTE Villavicencio de Manana
- Av. Loja 936, Cuenca
- 4810 LA VOZ DE GALAPAGOS Comunidad Franciscana
- Pto. Baquerizo, San Cristobal
- 4820 R PAZ Y BIEN Pesantez G. Luis Enrique R.P.
- Av. Fco. Flor. 321, Ambato
- 4850 R LUZ Y VIDA Mis. Sociales de la Iglesia
- Ac. Rocafuerte 1143, Loja
- 4870 R RIO AMAZONAS Diaz Diaz Marco Gonzalo
- Macuna
- 4880 R ESEJO Brborich Hidrovo Gerardo
- Av. Esmeraldas 865, Quito (used to be 4680kHz, Ed)
- 4890 R CENTENILA DEL SUR Coronel Illiescas Jose
- Av. Olmedo 1156, Loja
- 4900 LA VOZ DE SAGUISILI Mena Herrera Vicente Arturo
- Av. 24 de Mayo, Saquisilí
- 4910 EM. GRAN COLOMBIA Cevallos Castaneda Eduardo
- Av. Galapagos 112, Quito
- 4920 R QUITO C.A. El Comercio
- Av. Chile 1347, Quito
- 4930 R DIF CASA DE LA CULTURA ECUATORIANA
- Casa de la Cultura Ecuatoriana
- Ac. 6 de Dic. 794, Quito
- 4940 R NACIONAL DEL ECUADOR Gobierno del Ecuador
- Av. Chile 1267, Quito
- 4960 R FEDERACION SHUAR Federacion Centro Shuar
- Av. D. Comin 1738, Sucua
- 4970 R TARGUI Radio Tarqui Cia. Ltda.
- Av. G. Moreno 1315, Quito
- 4990 R BAHAI Asamb. Nacional Baha'i del Ecuador
- Av. Quito 712, Otavalo
- 5015 ESCUELAS RADIFONICAS POPULARES Luzuriaga N. Luz V.
- Av. Alvaro 2060, Riobamba
- 5025 R SPLENDIT Valencia Zurita Ruben
- Av. L. Cordero 1818, Cuenca
- 5040 LA VOZ DEL UPANO Mision Salesiana del Oriente
- Av. 10 de Agosto s/n, Macas
- 5050 R JESUS DEL GRAN PODER Comunidad Franciscana
- Av. Cuenca 477, Quito
- 5055 R CATOLICA NACIONAL Fundacion Juan Pablo II
- Av. America 1830, Quito
- 5065 R PROGRESO Herrera Guerrero Efrain
- Av. G. Colombia 2663, Loja
- 5965 LA VOZ DEL UPANO as 5040 kHz
- 6000 LA VOZ DEL UPANO as 5040 kHz

*) not on air at present time, as to Ed's knowledge.

more ECUADOR, LMI

F R A N C E RDP intl, Lisbon, reported 26/2: Agmt signed here today betw RDP and R Alpha, a Portuguese radio stn in Paris. Enables hundreds of thousands of Ports living in Paris area to listen on a 1c1 FM stn to main nx, sports and other RDP bcs. In exch, R Alpha'll give RDP assistance w/nx and reports. Also will carry pgms from RDP intl svc. Also provides for RDP journalists to use R Alpha studios in Paris, and R Alpha staff to have pro training at RDP-1 (WBI 4/3) Also see WBI of 27 weeks ago

G A B O N ANO on 15308v, spur of 15200 also on 15092v, + 108 kHz, at 1641-1650. At 17 15475 also hd on + 108 kHz! (Martin Hilbig, FRG, undated in March DSWCI SWN) Those'd be 15367, 15583 (gh)

Monitoring 3/3: AWR Af pgm in FR Mon-Sat 17-18 on 9625; EG from 7/2 on Sun 12-13 on 17890; Addr is BP 1751, Abidjan 08, RCI [sic], Ivory Coast [sic], per AWR Current Feb-Mar issue. Believed to be from ANO, Moyabi; see also SENEGAL (WBI 11/3)

G E R M A N Y W E S T RNMN reported 25/2: Peter Senger, DW HF dept says test via Radiobras mid-Oct to mid-Nov 87, GM & SP; quite positive results so making use of Radiobras from beginning of 88, starting before 1/3. Is 23-0050 on 6145 15185 in SP, 01-03 6075 9545 FM, both to SAM. Since 1/12 Chinese sesquihour daily via R Veritas Asia from Palavig [sic] to Peking [sic], using their new stn. Quite good results and in July may start more airtime there. Link from Cologne to xmtr site in Phil is quite complicated. By satl to Manila, taped, sent by courier to site. DW hopes Sri Lanka site can be reactivated one day, but also looking for permanent relay site in FE; also plans two new SW xmtrs in Rwanda; one more at RTE Sines, Portugal; later, two xmtrs two be added to Antigua facility shared w/BBC (WBI 4/3)

RNMN reported 25/2: Peter Senger says DW Russian and Dari-Pashto svcs remain jammed, tho Czechoslovak DLF svc jamming stopped recently, and Bulgarian some months ago (ibid.)

The stn reported on 909 was a short-time opn of the Bayerische Rundfunk which gave xmtg facilities to the army at the manouvre "Daring Sparrow" of French and German troops. Pgms produced by German army for soldiers and bc on MW 801 & 909. This item was discussed widely in Germany. May an offl bcer lend facilities to a restricted number of people? What about rights of others (pece mvmt, political parties etc). A unique act and in my own opinion it is better so (Roland Hiller, FRG, Feb DSWCI SWN) See also WEST BERLIN

G U A M AWR-Asiawaves, winter 88 issue reports: 2nd ant system growing; 8/2 began putting up bases and tower sections for towers 4, 5, 6; to be finished in about 3 weeks. Then put up antennas, a 6-11 MHz one, and a 9-17 more to the northern countries, improving reception in Japan, N China, Korea, E Russia. Beginning in Mar, two new pgms in Cantonese and Shanghainese Sats & Suns. (WBI 11/3) Those langs still not mentd in M88 sked, just lots of Mandarin. EG hours: 00 on 15125, 02 on 17865, 15 on 11980, 21 on 11965 (via Marlin Field)

G U I N E A Guinean natl radio, Conakry reported 20/2: we'll launch new pgm sked Mon 22/2. Has about 40 pgms a week, in 3 major categories: info, educ, culture. Priority to info, then educ, then cult. Will have 12 hours (as hrd) of pgming Mon-Fri, 18h on Sat, 16 on Sun & holidays. Sat is longest: *0600-2400*. Other days unchanged: *06, break at 08; resume at 12 until 24*. Suns, 08-24. New pgms: Travaillons en Musique, topical; Developpement et Nation, on restruxuring country's administrative sector plus advantages of decentralisation and rôle everyone must play in nation's development; produced in collaboration w/office of Secy of State in charge of Decentralisation. Twice monthly, TV pgm called Point d'interrogation; likewise, Le Dossier du Jour, indepth exam of current natl problems. [soundtrax of TV pgms, seems]

Rdif Natl obs on 4765-4766v apx 1945-2045, //1404, seems ex-4900 unhrd (WBI 26/2) RTVG on new 4788 drift from 4900 29/12, bad mod (Roland Hoeller, Michael Nodes, Oliver Popp, Michael Schmitz, Michael Schnitzer, Wolfgang Seyfried, at the Bavarian DX Camp, Feb DSWCI SWN) All over 60 mb

G U Y A N A Just when I reported GBC inactive they reactivated 5950. Following their on/off game it seems they usually are active during Xmas/NY season. Hrd thruout the day here (Ravin G Dewdien, Suriname, Suricall via Mar DSWCI)

HUNGARY, LMI

I N D I A Govt proposes to expand ES of AIR by March 1990. Two 500 kW SW xmters presently being installed in Bangalore. Seventh Plan scheme to install four 500 kW SW is also under implementation (Indian Express, 1/12 via B Padaki, Dec IDXC1 ADXR) AIR reported 6/3: 50 kW SW xmttr being set up in Tirivanandapuram to facilitate spl bc of Malayalam pgms for Keralites in Gulf countries. So says Dpy Minister for Info & Being Mr S Krishna Kumar (WBI 11/3)

I N D O N E S I A RRI Ujung Pandang is on 9551.3 for daytime 02-0755; WRTH has 9510 and s/off 0855. Vy regular harmonic hrd on 6553.3 from Jakarta, 2 x 3276.65, best arnd 1300 (Dec-Feb UADX, someone in Sri Lanka)

When I was in Indo a few yrs ago, I was amazed at apparent anarchy existing among private radio comms users. One govt offl I stayed with had modern FM handheld transceiver, which he told me was for "amateur radio" but he didn't have any callsign or license, and used it not only for private conversations but to keep in contact with other govt employees in the area. At another govt offl's home was a licensed ham opn, also used by all and sundry, including house-keepers and drivers as they saw fit, for business, prviate and other purposes. It became vy difficult to work out who was doing what with any given piece of eqp.

Military may be taking control of comms regulation in an attempt to crack down on comms by resistance fighters in E Timor and Irian Jaya. There has been infqt radio contact between FRELILIN forces in E Timor and their supporters in Australia by HF radio link. News msgs have come via the radio contact. Australian govt has said, under pressure from Indonesia, it will take action. Users of radio link defend their actions saying it's the only way to get msgs to and from E Timor. It is not possible to make a direct phone call to E Timor --even operator-assisted calls are impossible. Other mail and telex link are vy closely scrutinised for their content. For thousands of E Timorese living in Au, it's impossible to communicate w/friends and families back home. This fact acknowledged by Overseas Telecomms Commission, who concur that free contact w/

E Timor is impossible, due to Indo mily security opns. As an interesting side-line, earlier this year [1987?], Indo govt offls were complaining that people in E Timor were watching X-rated movies that they were receiving on their TV sets, late into the evening and that were emanating from a mysterious source in northern Australia or the Timor sea. It was believed that the porno movies were being screened by Australian mining companies to serve their staff on oil rigs and vessels in the area of the NW shelf oil and gas deposits (Matthew Francis, Tasmania, Dec-Feb UADX)

I R E L A N D Breffni R, 2340 kHz, harmonic of 1170, 4/1 & 5/1 in EG w/C&W mx, at 2000-2352 and 1655-1730, 34333 (Michael Schnitzer, FRG; Bjorn Fransson, Sweden; Martin Hilbig, FRG, Feb DSWCI SWN) Is audible daily on 2340, at 0017, SINPO 32342 (Martin Elbe, FRG, Mar DSWCI SWN)

R Dublin active on SW lately; 31/1 on 6928 but since then on 6915. Mod quality rough at times, but now even worse. I was once told they linked the SW rig off the MW xmtr to try to stop RF in the studio. All the R Dublin rigs are in the studio location bar one highish powered FM rig which is high on the Dublin Mountains, but this not noted for some time. Postal addr is 58 Inchicore Rd, Kilmainham, Dublin 8, Eire. R Caldonia (as opposed to the old name for Scotland Caladonia [sic]), noted 17/1 and 21/2; on the latter date, 09-1230 on 7370 op complaining that he usually had a sore hear [sic] on Sunday morning, no doubt due to heavy drinking sessions the night before (Ken Baird, Mar DSWCI SWN)

I S L E O F M A N Since beginning of Oct, United Christian Broadcasters, PO Box 255, Stoke-on-Trent, Staffordshire ST4 2UE (Tel: 0782 202466) has been using all the Manx R fqs at 22-02 (to extend to 06 in 1988) to bc Christian mx, talk, competitions, etc. Presenter of pgm, 7 days a week, was trained at R Rhema in NZ (Keith D Philmore, UKOGBANI, Feb DSWCI SWN)

I T A L Y AWR Forli now has Spanish Tue-Sat 0830-09 on usual 7257 (Salvatore Placnica, Italy, Feb DSWCI SWN)

M A L I Monitoring 17-20 Feb: at 1945 17/2. RTVM, Bamaka [sic], obs on 7285 5995 4783. 20/2 1700 hrd on 11969 [sic] 7285 7110. 7110 seems ex-9635, unhrd and believed to be react_ivated for winter (WBI 26/2) [oops] MORE, LMI

J A M A I C A Cana nx agcy, Barbados reported 15/2 from Kingston: Jam govt ancd formation of spl unit to expedite establishment of new Public Bcing Service (PBS) which'll run state-owned radio & TV. Minister of State for Info, Babsy Grange, said Carey Robinson, GM for JBC will from 15/2 head PBS. Seaga govt planning to divest JBC and grant licences for new radio & TV stns. PBS will have responsibility for pubaffs bcing. Grange also ancd that Ulric Simmonds, a retired Gleaner nypaper political writer and now consulting editor of JBC has been appointed to act as Corp's GM (WBI 26/2)

J A P A N AFRTS rcvd on 15260 for past four weeks, //15345, fq formerly used by FEN Tokyo, But since beginning of Dec, 15260 reception seems inaudible w/ extreme QRM, vy weak sig (LKJ, Penang, Malaysia, Dec-Feb UADX)

K A S H M I R A Z A D Muzzafarabad xmtr on 3662v hrd in Oct/Nov after a long lay-off is again missing; not hrd during Jan. Always vy weak but should be audible if on, arnd +1530-18. Xmtr ailing or used as backup for 4790 and used only sparingly. AKR Trarkhel via Is'bad xmtr API-8 is hrd quite well on 4980 7265 4790: Sked is 0045-04 4980, 06-0930 7265, 1145-18 4790. Quite often you could hear R Pak pgms relayed by AKR (Sarath Weerakoon, Sri Lanka, UADX)

K U W A I T Al-Ra'y al-Amm reported 2/3: From 1/3, R Kuwait again hosting V of the Gulf Coop Council for the fourth time, daily 07-10; after 3 months on UAE; includes hourly nx summaries of Gulf events (WBI 11/3)

L A O S Vientiane ES now on 7109v, down from earlier 7113v. Both morn & eve xmsns audible in SL, 23-0130 & 1130-14; EG at 01-0130 & 1330-14. Mod vy much better than before. Prov stns hrd in Jan/Feb: Pakse 6648v at +2300-0030+ and +1030-1415*, weak. Savannakhet 7383v +2300-0030+ and +1030-1400*; Xieng Khouang 4990 +2300-0030+ and 1100-1230*; Vientiane Capital R 4445 at 2230-0100 & 10-1230*; No signs of Houa Phan 4660v, Luang Prabang 7162/6987 and Oudom Sai on 4535 (Sarath Weerakoon, Sri Lanka, Dec-Feb UADX)

National R of Laos, DS; most regional stns carry the 00, 05, 12 and 14 nx from Vientiane; some also carry a relay of the 0430 Laotian People's Army pgm. Vientiane on 6130 & 640 in Laotian exc half-hours in Mong at 2130, 0330, 13. Sked is 2130-0230, 0330-07, 09-16. Some other pgms: Agitprop at 23-2330 daily, repeated at 11 exc Sat. National Defence and Socialist Construction pgm 0030-01 daily; 04-0430 exc Tue, 1030 exc Tue when Industry & handicrafts pgm instead. LPA pgm at 2230, 0430, 1230. 0530-06 International feature.

Regionals: Houa Phan 4660 23-0130 & 11-1330 in Laotian /Tribal, local nx at 2330, 1130; Luang Prabang 7165 Laotian/Tribal, 2230-0130, 04-06, 10-13 w/lcl nx 23, 04, 0530, 11, 1230. Oudomsai 4535 2230-0030, 11-13 Laotian/Tribal, lcl nx 23, 1130. Pakse 6647 in Laotian/Tribal, 23-02, 04-06, 10-1415, lcl nx at 2330, 04, 10, 1315. Savannakhet 7385 in Laotian 2230-01(Sat/Sun 0130), 0430-06, 11-14 (Sat/Sun 1030-1430); locl nx at 2330, 0430, 1130. Vieng Xay unconfirmed on 4285, 10-1115 in Laotian/Tribal. Vientiane Capital 4440 in laotian 2230-01, 04-0630, 10-1230 incl lcl nx 2330, 0430, 1130. Xieng Khouang Regional on 5005 in Laotian/Tribal, 23-0015, 0430-0530, 10-13, lcl nx at 2330, 1030 w/ the midday xmsn a relay of Vientiane (WBI 26/2)

LEBANON Al-Shira, Beirut reported 22/2: National Liberal Party planning to establish own radio stn, cover Sham'in's campaign for pres elections; since radio has become leading mass medium in Leb (WBI 4/3) MALI previous page

MALTA IBRA R over R Meditterran, 06-08 Sat & Sun on 9765 in various langs; 5960 19-20 & 20-2115 on 6100, not 6110 as in WRTVH, w/EG 2045-2115 (via Marlin Field, MI)

MAURITIUS Recent reports of this back on SW 4855 incorrect; reproduction of this have produced some assumed logs. Here in Piliyandala we've been monitoring extensively for weeks and dont hear any SW activity. We do hear Mozambique, Maputo w/EG svc *1750 tuning sig, 1800 EG ID & pgm to 1900* w/NA. This fits into the "Mauritius" report exactly; measured 4854.8. Let us hope they come back some day (Victor Goonetilleke, Sri Lanka, Dec-Feb UADX)

MEXICO R Consentida, on new 11480, 25/12 2207-2252 phone -in w/local mx, relay of XEFAC-1560, on USB, SINPO 22532 (Vashek Korinek, RSA, Feb DSWCI SWN) R Consentida, XEFJ on 4899.8 new, hrd regularly in Jan, USB only; best 02-0330 w/G 44444 sig; feeder? Daily mx pgm Mexico Con Amor, often canned ID as Org. Radio Centro stn, 10 kW ERP [surely mean xmtr power?], 24h. Over past few years this has turned up on many fqs; also hrd in Jan on 11480 arnd 2300. I've written to them, asking what story is (Steven H Reinstein, FL, DSWCI SWN)

MONACO Not only R Austria Intl has changed IS to an electronic version of same tune but also TWR Monte Carlo too (Franz Suss, Romania, Mar DSWCI SWN) We'll miss clix & bumps of old mx box, I think (Noel Green, UK, DSWCI ed.)

MONGOLIA Altai on 4828.6v, Mong nx, comment, drifting 4827-4834. Murun 4892.8 at 2345 Mong talk, piano mx (Mikhail P Timofeyev, USSR, DSWCI Feb SWN) RUB, new 12015 [sic], often in EG 1210-1236*, addr PO Box 265 tho WRTH 88 says 365! (Roland Schulze, FRG, Mar DSWCI SWN) Radio relay line connecting UB and Suhbaatar, border town in far north, commissioned in Darhan, new Mong industrial centre. 360-km line passes thru 20+ towns, possibilizes color TV; Soviet built. As reported by All Union R, Moscow, 15/2. Montsame nx agcy, UB, says 40+ cities will now get natl TV thru Orbita system. Mesmo tempore, reception of all country's radio bc stns'd be improved (WBI 26/2) Mong here = Mongolian not Laos

MOROCCO Monitoring 7-17 Feb: Moroccan radio's FR, SP, EG svcs for domestic listeners absorbed into a single svc RTM Intl Channel (French: RTM Chaîne Inter). Daily 05-01 w/SP 09-10; EG 1630-1830 weekdays, 17-18 Sats, 19-20 Suns; rest FR. Fqs ancd at 1000: 1026, 1188, 594, 1197, 909 kHz; 87.9, 90.0 98.8, 95.1, 93.4 FM. But actually on 828, not 594, from Oujda; also on 91.8. EG nx at 1630 weekdays, 17 not Suns, 19 Suns (WBI 26/2) ¿Why not put it on SW too, like Algeria & pick up worldwide audience speaking those langs?? (gh)

RTM Main Pgmme, Rabat DS, SW portion, all in AR: 00-01 15335 15105. 10 on 15335. 11 on 17815 15360 15335. 14 on 17595 15360 15335. 17 on 17815 15335 15330. 19 on 15335 15330 11920. 21-24 on 15335 15105 11920. Summer time in Morocco usually doesn't affect fq usage, but pgms move one hour earlier.

R Mediterranean Intl (Medi-1), commercial stn for listners in Morocco, Algeria, Tunisia; SW & LW xmters in Nador; MW in Tangier, Sebba-Aioun; FM in some Moroccan towns. Studios in Tangier. During Ramadan, 07-02; during summer time all pgms one hour earlier. Regular sked on SW is 08-21 on 9575, with AR nx on the hour, FR on the half-hour generally except 13, 1330, 1730, 20; and 2030 exc Sun, in AR (WBI 11/3)

M O Z A M B I Q U E [see also MAURITIUS] R Moz reported 4/3: Today R Moz began reorganising producion mgt to improve content and quality of xmsns. The Maputo & Gaza interprov stn will become known as the Maputo-Gaza Interprovincial Transmitter and'll undergo internal reorg. New in charge of xmttr is journalist Ricardo Dimande. Spl attn'll be paid to staff training (WBI 11/3)

R Mozambique, DS, National Programme, Maputo in PT: 0250 on 4865 3210. 0430 change to 11818 9618 4865 3210. 0600 11818 9618 4865. 1730-2210 4865 3210. Pgms include: 0255-03 pgm pw. News generally on the hour. 04-07 Morning Pgm. 0430-05 exc Sun Correspondents reports. 06-0610 nx & exchange rates. 1030-11 exc Sun Radio Newsreel. 14-1410 nx & wx. 1429-1431 pgm pw. 1606-17 Armed Forces pgm. 1730-18 Newsreel. 1830-19 Tue Emergency in Mozambique. 21-2110 Nx & Exch Rates. 2205-2210 closing anmts. Also on 737 kHz.

Maputo & Gaza Interprov Pgmme, Maputo: 0255-2205 in PT/Tsonga on 9525 7111 4855 3348; regional nx in PT 07, 13; other bulletins relayed from Natl Pgm. Nx in Tsonga 0430, 09, 10, 12, 16, 19, 21.

Prov stns; all fqs subject to considerable variation. These stns may relay certain Natl Pgmme nx bulls. Sofala prov, Beira only one w/SW: A pgm on 6025 3370; B on 9640 6090 3280 (WBI 11/3)

Em Interprov de Maputo e Gaza, 3338.5v, 1735-1810 23/1 ID, fast talks, mbira IS, EG & PT IDs, nx, 32332 (Roland Schulze, FRG, Mar DSWCI SWN)

N E P A L R Nepal on SW w/HS is on 5005 and 3230 only; 7165 not in use. At 0015-0445, 0715-1015, 1145-1715. Nx in EG at 0215 & 1415. ES in EG 1115-1145 on 5005 (Dr Supratik Sanatani, Calcutta, India, 5/3)

N E T H E R L A N D S The Voice of Love always raises my interest by popping up for short xmsns any time of night. Usually on 1615, reported once in the 90 mb, probably 2nd harmonic [3230]. Has vy pro sound yet seems to have a life of short tests, abrupt s/off's mid-record. Logged on an obscure Tue morn at 0048-0056*, and a Thu at 0208. No addr given but in 1979 or 80 a stn of same name on same fq had Spain addr, claiming to be ship stn. Not genuine addr, I think. May well operate up to a kW as sig always strong (Ken Baird, Mar DSWCI)

NEW ZEALAND LMI

N I G E R I A Plateau R & TV Corp, Jos, obs 24/2 on 5965 in EG, *0430 anc 1313 & 1224 kHz, 88.636 MHz; no ment of 5965. Pgm pw said nx at 08, 11, 13; relay FRCN Lagos nx at 06, 12; Hausa nx at 10-1015. Believed that only FRCN stns on SW since late 1981 or early 1982 (WBI 4/3)

FRCN Lagos, reactivated on 4931.8, 23/12, 31/12 0513-0605 in EG, hilife mx, 0600 ID, IS, nx //4990 (Karel Honzik, Slovakia; Franz Suss, Romania; Roland Schulze, FRG, Feb DSWCI SWN)

P A K I S T A N R Pak, Is'bad, 6129.3 new fq, at 1304 27/12, 29/12 report on Xmas in EG after As lang, 43333 (Roland Schulze, FRG, Feb DSWCI SWN) R Pak, Is'bad, 7008.8, 0225-0245* 7/12 Urdu talk, ID, fq sked, slow EG nx, ancd as 7010, 35343 (Frank A Baldwin, UKOGBANI, Feb DSWCI SWN)

R Pak changes to original sked: 1315-1545 WS to Gulf & ME now 11615 9795 9475K 7365K. EG nx & slow speed nx to same area 16-1630 on 6210 9795 9475K 7365K. Turkish 1645-1745 6295 7365K 9465K. 1645-19 WS to UK 6210 7235. 17-1745 Irani 6235 7385. K = via Karachi; others Islamabad (Noel Green, Feb DSWCI SWN)

P A N A M A La Prensa reported 13/2: Govt & Justice Ministry resolution signed by Minister Rodolfo Chiari de Lion permits R Chiriqui to reopen 12/2, but only for mx and ads, w/out usual nx shows La Prensa, Opinion, Impacto, and Tribune of Conscience. R Chiriqui'll bc w/out nx or religious pgms tfn; 780 kHz from David (WBI 26/2) more, LMI

P E R U On new 6242, R Calca, namechange from R Municipal de Calca. Sent friendly 2-page ltr and stamped, signed ppc, photos, etc, after several f/ups from v/s José Victor del Castillo Farfan, locutor-operator. Power 120 watts.

Sked *10-13*, *23-03*. Non-commercial, cultural, owned by Concejo [sic] Provincial de Calca; Julian Alvarez no longer dir, and Del Castillo, who says he is a DXer, now is responsible for the dirección but does not assume the title of director. Other locutor is Julio Serapio Surco Ramirez. Addr: Edificio Municipal, 2do piso, Calca; tho v/s signs his name and adds addr Correo Central, Calca, Cuzco (Henry Lazarus, NU, via March DSWCI SWN)

P H I L I P P I N E S R Veritas w/EG on 15365 & 15330 at 0130-0155; 9770 and 15215 at 15-1530 (R Veritas via M Field, MI, undated) more, LMI

P O L A N D PAP nx agcy reported 15/2: In a commentary headlined RFE's super-goof, the Gazeta Poznanska newspaper writes about the end of RFE being jammed in Poland: Knowing that w/equal nuclear weapon levels waging nuclear war would not bring about the intended results, American strategists have decided to turn propaganda into a key political tool of struggle against Socialist bloc and democratic [sic] mvmts thruout whole world. Last year, e.g. Am admn allotted 67.5 M\$ to RFE/RL. Everything therefore seems to indicate broad trend towards propaganda aggression and ideological confrontation is rather a permanent phenomenon, independent of 'warming' in E/W relations. How should one explain the decision of Polish authorities not to jam pgms aired by RFE, which undoubtedly is in forefront of popularising slander against Poland? Because latest polls have shown that Western Polish-lang pgms are rcvd by only 22% of listeners in Poland, w/RFE's rating amounting to 2% of those who are regular listeners and 9% of those who tune in vly rarely. One could state w/all conviction that greater & greater amts of money of Am taxpayers used to finance the Munich stn practically go down drain and that the sovereign decision to stop jamming was made in Warsaw [most of the jamming by skywave originated in USSR -gh], the Polish team at RFE nonetheless had its share in it (WBI 26/2)

P O R T U G A L IBRA Radio, from RTE on 9665 17-20, 9685 at 20-21 in various langs (IBRA via Marlin A Field, MI)

SÃO TOME E PRINCIPE LMI

S A U D I A R A B I A BSKSA General Pgm, Riyadh, domestic/external, in AR: *0257 on 9720 7280 [+ numerous MW, FM thruout] except during Ramadan *0457. 05 on 15435 15140 9720 7280. 0830 change to 15435 15140. 1000 on 15435 15140 7225 5875. 11 on 15060 7225 5875. 15-17 Call of Islam from Mecca 15060 9655 5875. 17 on 9870 7150. 20 on 9870 9740 7150. 21 on 9870 7210. 2130 9885 9720 9705 7210. 2300* except during Ramadan 2400*. 1945-20 pgm is With the Fedayeen.

BSKSA Second Pgm, Jiddah, in AR: *0257 on 9570, change to 5875 at 17-21.

BSKSA Music/Forn lang pgm, SW portion: FR 14-16, EG 16-21 w/nx 1830-1840, both on 9720 & 9705.

BSKSA Holy Koran Pgm, Riyadh, in AR natch, SW portion: 06-08 17740 11730. 08-10 21495 17895. 10-14 15170. 15-19 7250. 19-2105 9770 9620 7275 7250. First two xmsns to As, rest to Af.

BSKSA occlly available on DSB feeders betw 16 and 2 MHz. When audible, BSKSA first pgm on USB, Holy Koran radio on LSB (WBI 26/2)

S C O T L A N D R Scorpio hrd w/pgm via one of the 'Scottish' free radio network xmtrs, on 7490, 21/2; addr is P O Box 10974, Utrecht, Holland 3501 DB. Xmtr of SFRN on 6318 and I believe the one on 7423 both hrd in NAM recently on first part of normal Sunday bc [starting when?? Most of them not before 09], and it must be watched as the rigs are actually in Eire, hence the QSL is not a Scottish one. Only chance of Scottish SW reception at present seems to be Weekend Music Radio (Ken Baird, Sorn, Ayrshire, Scotland, Mar DSWCI SWN)

S E N E G A L Monitoring 3/3: AWR Af pgm V of Hope (French: LV de l'Espérance) obs at apx 1910-1925 on natl svc of ORTS, Dakar, 4890 (WBI 11/3)

S O M A L I A R Hargeisa, 11640, 1205-1230* 13/12 Somali reports, 1cl songs, ID, 32442 (Gerhard Buetow, Austria, Feb DSWCI SWN) Be careful w/IDs! R Paki-stan also here till 1230*, widely reported !! (Bernhard Grundl, GFR, Mar SWN) & the NAM report of Somalia 11640 to 1230* a few months ago has also been retracted. But if it's in Somali, and an ID was hrd, must a poor editor be forced to call the reporter an imagineer? (gh) Go for 7200v ± spurs instead

SOUTH AFRICA Jan issue of RSA Calling reports: R RSA began 1988 with addl SP svc targeted at Angola and Cuba, and by launching mass-circulation pgm magazine posted to listeners worldwide. Part of our aggressive new approach to contract disinfo about RSA overseas, per stn head Fanus Venter. Said de Kock, organiser of SP svc says long felt need for spl SP pgm targeted at Angola, due to Cuban troops; also Spanish fishing fleet, 3rd largest in world, operates extensively along WCAF. Svc began 3/1, angled so that can be beamed simultaneously at Angola and Cuba; 500 kW, also to be hrd in Eq Guinea and most of Spanish West Africa [sic]. New svc gives stn potential audience of some 450 million. German svc nx bulls now being telexed or telefaxed to R Tyrol, whence rebc [on FM]; estimated about 3 megalisteners reached thusly. [Hmmm, Nazi Brüderländer]. 200 kilocopies of RSA Calling printed & circulated.

Another article in same mag: in 1969 just three years after launching, R RSA rcvd almost 24 kletters from arnd world. By 1977 doubled, half from Af. Currently some 120 kletters rcvd annually, some 80% from Af. It is known that intl delegations at UN tune in daily to R RSA for info on Af, and that Af leaders such as Pres Kaunda of Zambia, Pres Banda of Malawi, Zimb MPs regularly tune in R RSA, in many cases to be informed abt developments in and about their own countries. Nx for R RSA ES supplied by a nx svc intly recognised to be one of most comprehensive, w/nx disseminated in 320 nx bulls daily in 20 langs (WBI 11/3)

R RSA DX Corner reported 21/2: R Highveld, regional stn in Jo'burg on FM, will soon switch to FM stereo, the 2nd such stn of SABC. Other is R 5, which is also bc on SW eves on 4880, daytime on 9665 (WBI 26/2)

Binnelandse Kortgolfdienste Rooster vanaf 1/11/87, revised 1/2/88: R Suid-afrika 03-05 3955, 0505-1545 9555, 1550-1930 on 3955 (including Tu-F 1610-1655 Market Reports and Meat Prices [considered a separate stn not just a pgm] also on 3320), all to SW Africa. To NW Cape Province: 03-0405 3320, 0410-1610 7230, 1615-1930(Sat/ Sun 1940) on 3320 w/same exception.

R Oranje to NW Cape 03-0420 3215, 0425-1540 7285, 1545-1930 on 3215. Radio 5 to SW Africa 03-0510 4880, 0515-1620 9665, 1625-22 4880. R Orion [no target] 1930-03 on 3955 & 3320 (via Ed Cichorek)

S R I L A N K A SLBC ES, including certain unspecified relig pgms produced by AWR: 0030-0230 EG 15425 9720 6005. 0030-0430 Hindi 11800 7190 including Wed 0330-04 Nepalese, Sat 0330-04 Urdu. 0230-0430 EG 15425 9720. 06½(Sun 04½)-07½ Hindi 11800 7190 incl Mon 0715-0730 Urdu. 0730-0830 Kannada 11800 7190. 0830-10 Telugu 11800 7190. 10-11 Malayalam 11800 7190. 1030-1130 EG 17850 15120 & 11835 incl 1040-1055 Sat Japanese, 1040-1055 Sun/Wed Sinhalese, 11-1115 Mon JP. 11-1130 Tamil 11800 7190. 1230-1730 EG 9720 6075 incl 15-1509 nx, 1509-1510 pgm pvw, 1715-1730 nx. 1330-1630 Hindi 11800 7190. Target thruout:Asia except these final xmsns to ME/Af: 1645-1745 Sinhalese 11800; 1745-1815 EG 11800 incl nx 1745-1755; 1815-1845 Tamil 11800 (WBI 26/2)

S W E D E N R Sweden reported 27/2: Our SSB xmsns may come to an end; mainly relaying natl pgm P1 plus sports and some forn svc pgms. If Televerket does not get financial support from Riksradio, xmsns'll cease as from 1/7/88. Until now Televerket alone has paid for this relay, experimentally, costing 600 kronor per annum. Uncertain whether Riksradio, which has large deficit, can contribute so much money for the SSB xmsns to continue (WBI 4/3) more, LMI

R Sweden's Claude Stephenson, an American who moved to Sweden in 1954, has visited India 27 times in 21 years, covering almost the entire country. On Jan 10 he was Chief Guest at an SWL meet in Bombay attended by about 30 people, all male as the two females invited did not appear. He is now in charge of issuing QSLs, audience relations and answering every single letter! Also has narrated about 600 documentary films, wrote a play, composed jazz, collects stamps including India complete, speaks 8 languages, had heart-attack last April but recovered in record 3 months; and is retiring in April 1988 but may continue to produce Stamp Corner monthly. Says R Sweden plans to relay from Norway in near future. R Sweden is a private org so govt can't interfere in pgming (from a much longer report on the meet by organiser K Ravi Prasad, VU2-RVU, in Dec IDXCI ADXR)

S W I T Z E R L A N D Next Red Cross bc the week of 24/4: Eu Sun 11-1130 EG, 1130-12 FR, 12-1220 GM, 1220-1240 SP all on 7210; Mon 17-1840 repeat same. On Mon & Thu AuAs 0740-0757 EG 9560 9885 17830 21695; FE 1040-1057 11935 13685

ENGLISH LANGUAGE

SHORTWAVE

BROADCAST

SCHEDULES

Compiled

by

THOMAS R. SUNDSTROM, W2XQ

Notes (in no particular order): BR1, Belgium, has dropped its Sunday broadcasts of Radio World. The program is now aired Mon 08; Sat 1330, 1630, 1730, 2100, 2330. Austria and WHRI fight it out on 9870 during the evenings here, and neither is really listenable. Someone has to move. Radio RSA has inaugurated an amateur radio-oriented show to air Saturdays and Sundays. The new 1800 transmission is quite easy to listen to (DX Corner Sat 1840) on 17880 kHz. Canada absolutely goes out of its way to have one of the most convoluted broadcast schedules I have ever seen -- with different schedules on the weekends and total chaos trying to keep up with summer time changes in Europe and NA. I don't know how regular listeners keep track of the programming. I hope I have it reasonably correct. Luxembourg on 6090 is down the tubes with WYFR starting up at 2150. I had checked the Albania transmissions between 18 and 04 UT, but I see my findings were different than later published by the BBC NS. Albania still hasn't cleared out of 40 meters below 7100 kHz. Cuba has revamped its Americas schedule, including broadcast segments on 6090 and 9770 kHz. I think I have most of the summer time shifts in here but there may be a few more coming. North Korea is on a new outlet of 9345 at 13 UT, and announces a schedule prior to s/off, but the signal has not been good enough to copy the details. Japan has probably changed some things but I don't have that data yet... should be next month.

Bill Cole has uploaded a number of radio-related Commodore programs to the Pinelands RBBS. The latest ANARC newsletter and club list is also available, uploaded by Bob Horvitz.

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Thomas R. Sundstrom : Telex: 6502446376 (via WUI)
PO Box 2275 : MCI Mail: 244-6376
Vincetown : The Source: BCFB11
NJ 08088-2275 : Compuserve: (send via MCI Mail)
: Packet Radio: W2XQ @ W2MNF
: Pinelands RBBS: 609-859-1910 (24/12/3 BNI)
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SHORTWAVE BROADCAST PROGRAM SCHEDULES TEXT FILES NOW AVAILABLE

Are you interested in the data that produces these listings, but don't have don't have an IBM PC? ASCII text files from the SWBC program are now available on a subscription basis from the Pinelands RBBS. Although it will take longer to download the files and you won't be able to manipulate the data -- two reasons for purchasing the SWBC program if you have the IBM PC/XT/AT or compatible -- you WILL have the most current information available. The following reports are available:

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SCH_COUNT.TXT: Schedules by Country, Station and UTC Transmission Start Time
SCH_TIME.TXT: Schedules by UTC Transmission Start Time
DXSHOWS.TXT : DX Shows by Day of the Week and Time
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During the subscription period you may download any or all files as often as you like. Rates: \$25/one year, \$15/six months, and \$10/three months. Checks or money orders should be made payable to TRS Consultants. Your support will help make the Pinelands RBBS the best BBS on the East coast.

ENGLISH LANGUAGE SW BROADCAST SCHEDULES: By Start Time
Compiled by Thomas K. Sundstrom, W21G

Start Time (UTC)	Time (UTC)	Country	Station	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Freq #8	Target Area	Notes	Record Last Updated
0000	0100	Australia	R Australia	17755	17750	15395	15320	15240	15160	15140		As/Pac/PacNG	Sun-Mon	03/14/87
0000	0100	Canada	R Canada Int'l	9755	5960							Nh	11/21/87	03/13/88
0000	0100	China	R Beijing	11715	9770	9685						ENh	11715, 9770 v Mali	11/21/87
0000	0200	Cuba	R Havana	6090								Americas		03/14/88
0000	0200	Iraq	R Baghdad	11810	6110							Ind/Pakis/Nh/SA		03/16/88
0000	0330	Israel	Kol Israel	9815	9435	7462						Nh		03/11/88
0000	0245	Luxembourg	R Luxembourg	6090								regional		10/28/87
0000	0050	North Korea	R Pyongyang	15180	15115							As		11/13/87
0000	0030	Norway	R Norway	9625								ENh/Ch/SA	Eng Mon only	02/07/88
0000	0100	Spain	Sp Foreign Radio	9830	6125							Nh		11/04/87
0000	0300	USA	KUSM	11655								Canada	70 deg	03/26/88
0000	0400	USA	KVOH	9495								Car/Carib	100 deg	11/11/87
0000	0200	USA	WCSN	9850								N Afr	90 deg	01/25/88
0000	0300	USA	WRHO	7355								Nh/CA	20 deg	03/16/88
0000	0300	USSR	R Moscow	7310	7150	7115	6000	5940	5915			ENh		03/16/88
0030	0130	Ecuador	KCJB	11910								Americas		04/19/87
0030	0330	England	BBC	9515	7325	6175	5975					World Service/Nh		11/12/87
0030	0230	Pakistan	R Pakistan	15115	11570							S & SE As	World Service	09/06/87
0035	0200	Ecuador	KCJB	15155	11775	9870						Nh		11/10/87
0045	0330	New Zealand	R New Zealand Int'l	17705	15150							Fac/Aus/Melanesia	Sat only	12/13/87
0045	0100	South Korea	R Korea	15575								60S	World News Service	10/03/87
0050	0110	Vatican State	Vatican Radio	11780	9695	7315	6150					Nh		11/10/87
0100	0200	Australia	R Australia	17795	17750	17715	15395	15320	15240	15180	15160	As/Pac/PacNG		03/14/87
0100	0130	Canada	R Canada Int'l	11840	11845	9755	9535					LA		03/13/88
0100	0400	Costa Rica	R for Peace	7375									End to Span	11/13/87
0100	0157	Czechoslovakia	R Prague	11890	9740	9630	9540	7345	6055	5930		Nh		06/06/87
0100	0150	Fed Rep Germany	R Deutsche Welle	11785	9735	9565	6145	6085	6040			ENh	9735, 6085 v Malta	03/12/88

0100	0130	Hungary	R Budapest	11910	9835	9585	9520	6110	6025	NA	NA	erc Mon	03/11/88
0100	0130	Israel	Kol Israel	9815	9435	7462				NA	NA		03/11/88
0100	0120	Italy	RAI	11800	9575					NA	NA		03/19/88
0100	0130	Japan	R Japan	17845	17835	17810	15280	15195		60S/Asia			02/27/88
0100	0200	Spain	Sp Foreign Radio	9630	6125					NA	NA		11/04/87
0115	0200	German Dem Rep	R Berlin Int'l	9730	6080					ENA			03/11/88
0130	0200	Austria	ORF	9870						NA	NA	End news	02/21/88
0130	0138	Greece	V of Greece	9420	9395	7430				NA	NA		02/17/87
0130	0155	Philippines	R Veritas Asia	15365	15330					As			12/13/87
0145	0230	German Dem Rep	R Berlin Int'l	6165	6125					LA	LA		03/11/88
0150	0400	Guatemala	AMR	5980						LA	LA		06/03/87
0200	0300	Argentina	RAE	11710	9690					Americas			05/14/87
0200	0230	Australia	R Australia	17795	17750	17715	15395	15240	15180	As/Pac/PapNG			03/14/87
0200	0250	Brazil	R Bras	11745						NA/CA			02/28/86
0200	0400	Cuba	R Havana	9770	6140	6090				Americas			03/14/88
0200	0700	Ecuador	HCLR	11775	9720	6230				NA			11/15/87
0200	0330	Egypt	R Cairo	9675	9475					NA			07/20/86
0200	0250	Fed Rep Germany	R Deutsche Welle	9690	9615	7285	6035	5995		As			11/29/87
0200	0205	France	R France Int'l	9790	6055	5950	3965			ENA/LA/Caribbean/Eu	NA	in English	11/22/87
0200	0245	German Dem Rep	R Berlin Int'l	9560	6080					MNA			03/11/88
0200	0500	Guam	KGMA	17865	11700					As			12/03/87
0200	0230	Hungary	R Budapest	11910	9835	9585	9520	6110	6025	NA	NA	340 dec	03/11/88
0200	0800	N Mariana Is	KY01	17780						Japan			12/03/87
0200	0300	Poland	R Polonia	11815	9525	7270	7145	6135	6095	NA			08/07/86
0200	0255	Romania	R Bucharest	11940	11810	9570	9510	6155	5990	NA			06/24/86
0200	0356	South Africa	Radio RSA	9615	9580	6010				NA			02/05/88
0200	0230	Switzerland	R Swiss Int'l	12035	9895	9725	6135	5965		NA			11/16/87
0200	0300	Taiwan	V of Asia	7285						SE As			07/20/87
0200	0300	Taiwan	V of Free China	15345	11745	11740	9765	7445	5985	5945	NA/Jap/As/CA/Aus/NZ	MYFR:11740,9765,5985	02/27/88
0200	0400	USA	MCSN	9850						E Afr		75 dec	01/25/88
0200	0230	USSR	R Kiev	13645	11850	11790	7400	7165	6200	6020	NA		03/16/88
0200	0215	Vatican State	Vatican Radio	9650	7125	6145				As/Aus/NZ			03/07/88
0230	0300	Albania	R Tirana	9760	7065					NA			03/07/87
0230	0300	Australia	R Australia	17795	17750	17715	15240	15180		As/Pac/PapNG			03/14/87
0230	0325	Netherlands	R Nederland	9895	9590	6165	6020			ENA			9590, 6165 v Bonaire 02/23/88
0230	0245	Pakistan	R Pakistan	17660	15580	15115	11570	7610		S t SE As			09/06/87
0230	0300	Portugal	R Portugal	11640	5705	9680	9635	9600	6060	Sr/NA			03/07/88

0230	0300	Sweden	R Sweden	9695		NA			05/18/87					
0258	0600	USA	WRNO	6185		NH/CA		20 deg	03/16/88					
0258	0700	USSR	R Moscow	13645	12050	11750	7290	7260	7165	6190	6150	MNA	add'l freqs in use	03/16/88
0300	0400	Australia	R Australia	17795	17750	17715	15395	15320	15240	15160	11945	As/Pac/PapNE/Afr		03/14/87
0300	0400	Austria	ORF	6015		NA						Afr/NA	Sunday only	01/10/88
0300	0400	Bulgaria	R Sofia	11840	11735	9560	7115							03/16/88
0300	0400	China	R Beijing	15455	11980	11715	9770	9645				MNA	11715, 9770 v Mali	11/21/87
0300	0357	Czechoslovakia	R Prague	11990	9740	9630	9540	7345	6055	5930		NH		06/06/87
0300	0350	Fed Rep Germany	R Deutsche Welle	9700	9605	9545	6010					NA		03/12/88
0300	0425	Guatemala	TBNC	3300										12/23/87
0300	0315	Hungary	R Budapest	11910	9835	9585	9520	6110	6025			NA	Med/Sat	03/11/88
0300	0400	Japan	R Jaapan	21610	17845	17835	17825	17810	11870	5960		EO5/Asia/NA	5960 v Sackville	02/28/88
0300	0430	Netherlands	Trans World Radio	9535								NA	Su/No to 0530	05/19/87
0300	0400	Poland	R Polonia	11815	9525	7270	7145	6135	6095			NH		08/07/86
0300	0400	Taiwan	V of Free China	15345	11745	9765	7445	5985	5945			NH/Jap/As/Aus/NZ	MYFR:9765,5985	02/27/88
0300	0500	USA	KUSW	9815								Canada	70 deg	02/15/88
0310	0330	Vatican State	Vatican Radio	6150								NA		09/07/87
0330	0400	Albania	R Tirana	9760	7065							NH		03/07/87
0330	0400	Austria	ORF	6015								NH	Mon-Sat	01/10/88
0330	0430	England	BBC	6175	5975							World Service/NH		02/01/88
0330	0355	Finland	R Finland	11945	9635							NH		10/09/87
0330	0344	France	R France Int'l	11895	9800	9790	9550	7175	7135	6175	6055	ENH/LA/E	Eu/NE/Afr	11/22/87
0330	0415	German Dem Rep	R Berlin Int'l	9560	6080							MNA	nx in English	03/11/88
0330	0630	New Zealand	R New Zealand Int'l	17705	15150							Fac/Aus/Melanesia		12/13/87
0330	0400	Sweden	R Sweden	11705								NE		11/12/86
0330	0415	United Arab Emirates	R Dubai	17890	15435	11940	9640					NH		05/23/87
0340	0348	Greece	V of Greece	9420	9395	7430						NA	End news	02/17/87
0345	0430	German Dem Rep	R Berlin Int'l	11920	9620	5965						EdW Afr/Eu		03/11/88
0350	0410	Italy	RAI	15330	11905	9710						S AS		07/20/87
0400	0500	Argentina	RRE	11710	9690							Americas		05/31/86
0400	0500	Australia	R Australia	17795	17715	15320	15240	15160	11945	11910		As/Pac/PapNE/Afr		03/14/87
0400	0500	China	R Beijing	11980	9645							MNA		11/08/87
0400	0600	Cuba	R Havana	9770	6140	6090	6035	5965				Americas		03/14/88
0400	0415	Israel	Kol Israel	17620	13750	9815	9435	9010				Aus/As/NH/Eu		03/11/88
0400	0425	Netherlands	R Nederland	13700	9850							NE/E Afr		02/23/88
0400	0430	Norway	R Norway	9655	9650							MNA/NE/E Afr	End Mon only	02/07/88
0400	0455	Romania	R Bucharest	11940	11810	9570	9510	6155	5990			NH		11/13/86

0400	0426	South Africa	Radio RSA	9560	7270	5880	4990	Afr	02/05/88
0400	0430	Switzerland	R Swiss Int'l	12035	9885	9725	6135	NA	05/24/86
0400	0450	Turkey	V of Turkey	17760	9445			SE As/NA	11/08/87
0400	0600	USA	WCSN	9870				W Afr	01/25/88
0400	0600	USA	WHRI	7400				90 deg	02/15/86
0415	0645	Pakistan	R Pakistan	17660	15605	12015		World Service	09/06/87
0425	0440	Italy	RAI	7275	5980			Mediterranean	03/19/86
0430	0500	Albania	R Tirana	11835	9480			Afr	12/24/86
0430	0500	Austria	ORF	15410	6155	6015		ME/WNA/Eu	02/21/86
0430	0545	England	BBC	9510	5975			World Service/NA	11/12/87
0430	0515	Fed Rep Germany	R Deutsche Welle	9765	9565	7225	7150	9510 S	11/11/87
0440	0450	France	R France Int'l	11700	9800	9790	9550	S&C&E Afr	11/12/87
0500	0600	Australia	R Australia	17795	17750	17715	15395	4890 ENA/LR/Eu/ME/Afr	03/14/87
0500	0600	China	R Beijing	9690				As/Pac/PapNG	03/14/88
0500	0550	Fed Rep Germany	R Deutsche Welle	9635	6130	6120	5960	via Spain	03/14/88
0500	0700	Guaa	K50R	17865	11980			6120 v Antiqua	11/11/87
0500	0600	Japan	R Japan	17835	17810	15235	5990	NA	12/03/87
0500	0600	Kuwait	R Kuwait	15345				As	02/27/89
0500	0530	Norway	R Norway	11865	11735			60S/As/NA/Oceania	04/18/87
0500	0600	Spain	Sp Foreign Radio	6125				Far E/S&E As/Aus/NZ	02/07/86
0500	0700	USA	KUSM	6155				ME/Afr	09/25/87
0500	0520	Vatican State	Vatican Radio	15190	11725	9645	6185	NA	02/15/86
0515	0530	Canada	R Canada Int'l	15180	11840	11775	9750	Canada	02/15/86
0530	0545	Czechoslovakia	R Prague	11990	9505	6055		Afr/Eu	03/07/88
0530	0555	Finland	R Finland	11755	9605	6120		Eu/Afr/NE	10/11/86
0530	0625	Netherlands	R Nederland	9715	6165			NA	10/09/87
0530	0600	Romania	R Bucharest	15380	15340	11940	11840	WNA	09/19/86
0530	0600	United Arab Emirates	R Dubai	21700	17775	15435	11955	Afr	12/14/86
0545	0600	Canada	R Canada Int'l	15180	11840	11775	9750	Far E/Aus/As	07/21/87
0545	0600	England	BBC	5975				Eu/Afr/NE	03/13/88
0545	0630	German Dem Rep	R Berlin Int'l	21540	21465	17880	15240	World Service/NA	11/12/87
0600	0630	Australia	R Australia	17795	17750	17715	15395	SE As	03/11/86
0600	0600	Cuba	R Havana	9505				As/Pac/PapNG/Afr	03/14/87
0600	0730	England	BBC	11810	5965			Americas	01/25/86
0600	0645	German Dem Rep	R Berlin Int'l	11810	5965			World Service/NA	02/01/86
0600	0700	South Korea	R Korea	9570	7275	6160		9640 Carib	03/11/88
								ME/Eu	10/03/87
								As/60S	

0600	0700	Taiwan	V of Asia	7285			SE As	07/20/87
0600	0800	USA	WCSN	9495			Eu	03/16/88
0600	0800	USA	WRI	7400	6100		Eu/CA/SA	09/04/87
0600	1200	USA	WRNO	6185			NA/CA	02/15/88
0615	0700	Fed Rep Germany	R Deutsche Welle	15185	13790	11765	W Afr	02/12/88
0630	0700	Albania	R Tirana	9500	7045		Eu	12/24/86
0630	0700	Australia	R Australia	17750	17715	15395	As/Pac/PapNG/Afr	03/14/87
0630	0700	Austria	ORF	17870	15410	11915	ME/Eu	02/21/88
0630	0700	Bulgaria	R Sofia	11720	9700		W Eu	03/16/88
0630	0655	Netherlands	R Nederland	11930	8895		W Afr	09/19/86
0630	0700	Switzerland	R Swiss Int'l	17570	15430	12030	Afr	05/09/87
0645	0715	Romania	R Bucharest	21665	17805	17790	Pac	11/13/86
0650	0830	Ecuador	HCB	11835	9845		Eu	04/22/87
0700	0730	Australia	R Australia	17750	17715	15395	As/Pac/PapNG	03/14/87
0700	1030	Ecuador	HCB	11925	9745	6130	S Pac	04/18/87
0700	0900	Guam	KSDA	17855	11980		As	12/03/87
0700	0800	Italy	AMR Europe	7257			Eu	02/27/88
0700	0800	Japan	R Japan	21695	17810	15235	60S/As/Ae/Oc/Eu/ME	10/25/87
0700	1115	Pakistan	R Pakistan	17660	15605		Eu	09/06/87
0700	0800	Taiwan	V of Free China	5985			NA	07/21/86
0700	1100	USA	KUSW	6135			Canada	02/15/88
0715	0800	German Dem Rep	R Berlin Int'l	21540	21465	9730	Far E/Eu	03/11/88
0715	0730	Vatican State	Vatican Radio	15190	11725		Africa	01/03/88
0730	0800	Australia	R Australia	17750	17715	15395	As/Pac/PapNG	03/14/87
0730	0800	Czechoslovakia	R Prague	21705	17840	11865	SE As/Pac	09/13/87
0730	0755	Finland	R Finland	11755	9560	6120	Eu	10/09/87
0730	0825	Netherlands	R Nederland	9715	9630		NZ/Aus	02/05/88
0800	0830	Albania	R Tirana	11835	9500		As/Aus	12/24/86
0800	0900	Australia	R Australia	17750	17715	15395	As/Pac/PapNG	03/14/87
0800	0825	Belgium	BRT	15510	11695		SE As/Aus	02/27/88
0800	1600	M Mariana Is	KYOI	11900			Japan	02/15/88
0800	0900	South Korea	R Korea	13670	7550		Eu	10/03/87
0800	1100	USA	KHLS	6150			As	11/27/87
0800	1100	USA	WRI	7355			Eu/CA/SA	02/15/88
0805	0930	Guam	KTHR	11805			Japan	08/31/87
0828	0855	Netherlands	R Nederland	9630			Aus	09/19/86

0830	0900	Austria	ORF	17870	15410	11915	6155	NE/Aus/As/Eu	02/21/88
0830	0930	China	R Beijing	15440	11755	9700		S Pacific	11/14/87
0830	0900	Czechoslovakia	R Prague	21705	17840	11865		SE As/Pac	09/13/87
0830	0925	Netherlands	R Nederland	21485	17575			Asia	09/19/86
0830	0900	Switzerland	R Swiss Int'l	21695	17830	9885	9560	Aus/NZ	11/18/87
0845	0930	German Dem Rep	R Berlin Int'l	21540	21465			Far E	03/11/88
0900	1000	Australia	R Australia	15415	9710	9655	9580	As/Pac/PapNG	03/14/87
0900	0915	Austria	ORF	11915	6155			Eu	02/21/88
0900	0950	Fed Rep Germany	R Deutsche Welle	21680	21650	17780	15510	Aus/As	03/12/86
0900	1100	Guam	KSDH	11980	11700			As	12/03/87
0900	1000	Japan	R Japan	17810	15235	11885	11840	60S/As/OC	02/27/88
0900	fade	Papua-N Guinea	AEC-Fort Moresby	4920					09/08/85
0900	1000	Portugal	NR Europe	9670				Eu	11/27/87
0930	0940	Canada	R Canada Int'l	9755	5960			Carib	11/12/86
0930	1030	China	R Beijing	15440	11755	9700		S Pacific	11/14/87
0930	0955	Finland	R Finland	17860	15245			Aus/E As	10/09/87
0930	1100	Guam	KTKR	11805				AusNZ	06/31/87
0930	1000	Hungary	R Budapest	21525	17710	15320	15160	Aus/NZ/Japan	03/11/88
0930	1115	New Zealand	R New Zealand Int'l	11780	9540			Aus/Melanesia	11/08/87
0930	1000	Sweden	R Sweden	15390	9630			Aus/NZ/Eu	08/29/87
1000	1030	Australia	R Australia	15415	9655	9580		As/Pac/PapNG	03/14/87
1000	1025	Belgium	BR1	17795	15510			Afr	10/27/87
1000	1030	Fed Rep Germany	R Deutsche Welle	21600	17765	9735	7225	SE/E Afr	04/04/87
1000	1100	India	AIR	17875	15335	15320	11940	60S/E As/Aus/NZ	04/17/87
1000	1030	Israel	Kol Israel	17630	15650	15840	15485	W Eu/Aus/As	03/11/88
1000	1030	Norway	R Norway	21730	15235	15180		Afr/Eu/NE/FarE/AusNZ	02/07/88
1000	1030	Switzerland	R Swiss Int'l	21695	17830	9885	9560	Aus/NZ	11/18/87
1000	1100	USSR	R Moscow	17820	17655	15540	15320	World Service	03/16/88
1030	1100	Australia	R Australia	15415	9580			As/Pac/PapNG	03/14/87
1030	1130	Ecuador	HCB	11925	6130			S Pac	04/18/87
1030	1125	Netherlands	R Nederland	9685	6020			Aus/Carib	02/23/88
1030	1040	Taiwan	V of Asia	5980				SE As	07/20/87
1030	1130	United Arab Emirates	R Dubai	21605	17865	15435	11955	Eu/Afr	07/21/87
1045	1100	Romania	R Bucharest	15250	11940	9690		Eu	12/14/86
1050	1120	Hungary	R Budapest	17710	15160	11910	9835	Eu	03/11/88
1100	1130	Australia	R Australia	11800	11705	9770	9710	60E/As/Pac/PapNG	03/14/87

1100	1200	China	R Beijing	9665	6195	5965	World Service/NA	ENA	10/27/87
1100	1300	England	BBC	11775	6195	5965	World Service/NA	World Service/NA	11/12/87
1100	1400	Suva	KSOA	11980	9465		As/Phil	As/Phil	12/03/87
1100	1200	Japan	R Japan	17810	9695	6120	60S/Asia/NA	6120 v Sackville	02/27/88
1100	1150	North Korea	R Pyongyang	11735	9600	6576	As	As	01/30/88
1100	1200	South Korea	R Korea	15575			ME/Afr	ME/Afr	10/03/87
1100	1130	Sweden	R Sweden	21690	9630	6065	Eu/Afr/ME	Eu/Afr/ME	05/18/87
1100	1130	Switzerland	R Swiss Int'l	17830	15570	11935	SE As/Aus/NZ	SE As/Aus/NZ	11/18/87
1100	1200	Taiwan	V of Asia	7445	5980		SE As	SE As	07/20/87
1100	1600	USA	KUSM	9850			Canada	Canada	12/20/87
1100	1300	USA	WHR1	11790	5995		Eu/Ch/SA	Eu/Ch/SA	09/04/87
1100	1200	USSR	R Moscow	17820	17655	15585	World Service	World Service	03/16/88
1110	1257	Netherlands Antilles	Trans World Radio	11815		15225	NA	NA	05/19/87
1115	1225	France	R France Int'l	17880	17620	15435	SA/Ch/Eu/ME/Afr	SA/Ch/Eu/ME/Afr	10/26/87
1115	1200	German Dem Rep	R Berlin Int'l	21540	21465	17880	SE As	SE As	03/11/88
1115	1130	Pakistan	R Pakistan	17660	15805		Eu	Eu	09/06/87
1115	1130	Vatican State	Vatican Radio	21485	17840		Africa	Africa	03/07/88
1130	1200	Albania	R Tirana	11855	9480		As/Aus	As/Aus	12/24/86
1130	1200	Australia	R Australia	11800	11705	9770	As/Pac/PapNG	As/Pac/PapNG	03/14/87
1130	1200	Ecuador	HCBJ	11740		9680	Americas	Americas	04/18/87
1130	1200	Fed Rep Germany	R Deutsche Welle	21600	17800	17765	W Afr	W Afr	04/04/87
1130	1225	Netherlands	R Nederland	21480	17605	17575	Eu/NE/As	Eu/NE/As	04/04/87
1145	1230	German Dem Rep	R Berlin Int'l	15240	15170	11785	ME/NW Af	ME/NW Af	02/23/88
1158	1300	Canada	R Canada Int'l	17820	11955	9625	NA/Carib	NA/Carib	03/11/88
1158	1235	Ecuador	HCBJ	6075			Fare/Jap	Fare/Jap	03/13/88
1159	1500	Canada	R Canada Int'l	17820	15440	11955	NA/Carib	NA/Carib	05/14/87
1200	1230	Australia	R Australia	11800	9770	9710	As/Pac/PapNG	As/Pac/PapNG	03/26/88
1200	1230	Austria	ORF	17870	15320	11915	ENA/Aus/As/Eu	ENA/Aus/As/Eu	03/14/87
1200	1229	Canada	R Canada Int'l	17710	15385		SE As	SE As	02/21/88
1200	1300	China	R Beijing	15130	11715	9665	SE As	SE As	03/04/88
1200	1600	Ecuador	HCBJ	17890	15115	11740	ENA	ENA	15130, 11715 v Mali
1200	1225	Finland	R Finland	15400	11945		Americas	Americas	03/14/88
1200	1300	Ivory Coast	AMR Africa	17890			NA	NA	04/18/87
1200	1230	Romania	R Bucharest	17720	15380	11740	Af	Af	10/09/87
1200	1400	USA	NCSN	5980			As	As	02/28/88
1200	1400	USA	WRNO	9715			NA/CA	NA/CA	11/13/86
1200	1300	USSR	R Moscow	17820	17655	15585	World Service	World Service	02/15/88
					15540	15465			20 deg (Su only)
					15540	15225			03/16/88
					15540	15225			03/16/88

1200	1225	USSR	R Tashkent	11785	9715	9600	7275	5945	As	12/25/87			
1200	1215	Vatican State	Vatican Radio	21485	17865	17840	15190		Afr/As/Aus/NZ	03/07/88			
1201	1300	China	R Beijing	11755	11600	9530			SE Asia	11/14/87			
1215	1330	Egypt	R Cairo	17675					As	01/10/87			
1230	1300	Australia	R Australia	9770	9580	7215	7205	6080	6040	5995	03/14/87		
1230	1300	Austria	ORF	17870	15320	11915	6155		ENH/Aus/As/Eu	02/21/88			
1230	1315	German Dem Rep	R Berlin Int'l	21540	21465	17880			SE As	03/11/88			
1230	1300	Sweden	R Sweden	15430	9565				S As/E As	10/25/87			
1235	1243	Greece	V of Greece	15630	11645				NA	03/08/87			
1245	1255	France	R France Int'l	17880	17620	15435	15425	15365	15195	11670	12/27/87		
1300	1400	Australia	R Australia	9580	7205	6080	6060	5995	As/Pac/PapNG	03/14/87			
1300	1400	China	R Beijing	7335					MNA	11/14/87			
1300	1345	England	BBC	11775	11750	9740	9510	6195	5965	11750 & 9740 FE	02/01/88		
1300	1325	Finland	R Finland	15400	11945				NA	10/09/87			
1300	1800	Jordan	R Jordan	9560						11/04/87			
1300	1350	North Korea	R Pyongyang	11735	9600	9345			NA	03/19/88			
1300	1330	Norway	R Norway	25730	21700	15310	15190	9590	6035	Eng Sun only	02/07/88		
1300	1600	Pakistan	R Pakistan	15665	13665	11615	9465		NA/CA/Eu/Afr/SAs	World Service	11/14/87		
1300	1330	Romania	R Bucharest	15250	11940	9690			NE	06/07/86			
1300	1500	USA	NHRT	11790	9455				Eu	11/08/87			
1300	1400	USSR	R Moscow	17820	17655	15540	15225	13790	12040	11900	11840	11840 v Cuba	03/16/88
1301	1400	China	R Beijing	11795	11600	9530			SE Asia	11/14/87			
1330	1355	Belgium	BRF	15590	15510				NA/SE As	Mon-Sat	02/27/88		
1330	1500	India	AIR	15335	11810	9545			60S/SE As	04/17/87			
1330	1400	Switzerland	R Swiss Int'l	21695	17830	15570	15135	11935	11695	E Afr/India/Aus/NZ	11/18/87		
1330	1400	United Arab Emirates	R Dubai	21605	17865	15435			Eu/Afr	09/13/87			
1330	1355	USSR	R Tashkent	11785	9715	9600	7275	5945	As	12/25/87			
1345	1500	England	BBC	11750	9740				World Service/NA	02/01/88			
1400	1430	Albania	R Tirana	11985	9500				As/Aus	12/24/86			
1400	1430	Australia	R Australia	9580	7135	6080	5995		As/Pac/PapNG	03/14/87			
1400	1430	Austria	ORF	9665	6155				E As/Eu	02/28/88			
1400	1500	China	R Beijing	15165	11600				S Asia	11/14/87			
1400	1425	Finland	R Finland	15400	11945				NA	10/09/87			
1400	1600	Guam	KSOH	11980	9830				As/India	12/03/87			
1400	1500	Italy	RAI Europe	7257					Eu	02/27/88			

1400	1500	Japan	R Japan	15195	11815	9695	5990	60S/As/Aa	02/27/88
1400	1430	Norway	R Norway	15310	15310	15305		NA/S As	02/07/88
1400	1658	South Africa	Radio RSA	21590	17755	15125	9655	Afr/NE/UK/Ireland	02/03/88
1400	1500	South Korea	R Korea	15575	9750	9570		As/SE As	10/03/87
1400	1430	Sweden	R Sweden	15345	9695			NA	10/25/87
1400	1600	USA	WCSN	13760				E Canada/Eu	02/15/88
1400	1500	USA	WRNO	11965				NA/CA	20 deg (Su only)
1400	1500	USSR	R Moscow	17820	17655	15540	13790	World Service	03/16/88
1415	1500	German Dem Rep	R Berlin Int'l	17880	15240			SE As	03/11/88
1415	1430	Hungary	R Budapest	11910	9835	9585	7225	Eu	03/11/88
1430	1500	Australia	R Australia	9580	7265	6080	6060	As/Pac/PapNG	03/14/87
1430	1500	Bulgaria	R Sofia	15310	11840	11735		Afr	03/16/88
1430	1457	Czechoslovakia	R Prague	21505	17730	15155	15110	S&E As/Pac	05/15/87
1430	1500	Hungary	R Budapest	17780	15160	1910	9835	As	03/11/88
1430	1525	Netherlands	R Nederland	17575	15560	13770	11740	S&E As/Eu	03/26/88
1445	1500	Canada	R Canada Int'l	17820	15325	15315	11935	C&E Eu	03/13/88
1445	1530	German Dem Rep	R Berlin Int'l	15255	15170	11785		W Afr/NE	03/11/88
1458	1700	USA	WRNO	11965				NA/CA	03/16/88
1500	1530	Australia	R Australia	9580	7215	7205	6080	As/Pac/PapNG	03/14/87
1500	1600	China	R Beijing	15165	11600			S Asia	11/14/87
1500	1700	Costa Rica	HR	15460				LA	06/14/87
1500	1515	England	BBC	15260	11750	9740	9515	World Service/NA	11/12/87
1500	1550	Fed Rep Germany	R Deutsche Welle	21600	17810	9735	7225	S&E Afr	03/12/88
1500	1630	Gua	KIWR	9820				India	02/22/88
1500	1600	Japan	R Japan	21700	15195	11815	9695	60S/As/Aa/Eu/NE	02/27/88
1500	1530	Philippines	R Veritas Asia	15215	9770			As	08/29/87
1500	1530	Romania	R Bucharest	15335	15250	11940	11775	As	05/23/87
1500	1700	USA	WHRI	21550	15105			Eu/CA/SA	02/15/88
1500	1600	USSR	R Moscow	11840	9565			World Service	03/16/88
1500	1515	Vatican State	Vatican Radio	17870	15090	11960		As/Aus/NZ	03/07/88
1505	1530	Finland	R Finland	15185	11850			NE	10/09/87
1515	1615	England	BBC	15260	11750	9515		World Service/NA	11/12/87
1515	1600	German Dem Rep	R Berlin Int'l	9730	7295	6115		Eu	03/11/88
1530	1600	Albania	R Tirana	11835	9480			Afr	12/24/86
1530	1900	Australia	R Australia	9580	7215	7205	6080	As/Pac/PapNG	03/14/87
1530	1600	Austria	ORF	11780	11915	6115	5945	S As/Eu	02/21/88

1530	1625	Czechoslovakia	R Prague	21505	17705	15110	13715	11990	11685	11665	9605	Afr/As	02/21/88
1530	1600	Switzerland	R Swiss Int'l	17830	15430	13685	9885					ME/E Afr	01/31/88
1530	1630	Taiwan	V of Asia	7445	5980							SE As	07/20/87
1540	1548	Greece	V of Greece	17565	15630	11645						NA	11/15/85
1545	1600	Vatican State	Vatican Radio	17730	15120	11810						Africa	01/03/88
1600	1700	China	R Beijing	9570	7295							EAS Afr	11/14/87
1600	1655	France	R France Int'l	17795	17620	15360	11705					Afr/ME/NA Eu	03/13/88
1600	1700	Guaa	KSDA	9830								India	12/03/87
1600	1630	Hungary	R Budapest	11910	9835	9585	7225	6110				Eu	03/11/88
1600	1630	Norway	R Norway	15310	11870	9660						SAs/WNA	02/07/88
1600	1630	Pakistan	R Pakistan	15125	11625	11615	9785	9465	7365			ME/EAS Afr	Slow-speed news 1615 11/14/87
1600	1630	Portugal	R Portugal	15245								India/NE	03/07/88
1600	2100	Saudi Arabia	BC Serv of Kingdom of SA	9720								ME/Afr/SDS	07/20/86
1600	1700	South Korea	R Korea	9870	5975							S As/Eu	10/03/87
1600	1630	Sweden	R Sweden	11855	6065							Eu/Afr	11/22/87
1600	1640	United Arab Emirates	R Dubai	17865	15320	11955	11730					Canada	03/13/88
1600	1900	USA	KUSM	15225								70 deg	12/20/87
1600	1800	USA	MCSN	21640								S Afr	02/15/88
1600	2200	USSR	R Moscow	11840	9565	7115						105 deg	11840 v Cuba
1610	1650	Fed Rep Germany	R Deutsche Welle	17875	15510	15105	11785	9745	7300	6170		World Service	03/16/88
1615	1745	England	BBC	15260	9515							Aus/As	03/12/88
1630	1655	Belgium	BRT	21810	17595							World Service/NA	11/12/87
1630	1830	Egypt	R Cairo	15255								Afr	02/27/88
1630	1725	Netherlands	R Nederland	9540	6020							S Afr	08/17/87
1630	1900	Pakistan	R Pakistan	11570	6210							SME Afr	03/26/88
1645	1730	German Dem Rep	R Berlin Int'l	9730	7260	6115						Eu	11/14/87
1655	2200	USA	VDA	17800	17785	15580	15410					Afr	03/11/88
1659	2000	USA	KCB1	11735								World Service	01/09/88
1700	1750	Brazil	R Bras	15265								Sat & Sun only	07/25/87
1700	1800	China	R Beijing	9570	7295							Eu	10/28/87
1700	1715	Israel	Kol Israel	11655	11655	9925	9480					EAS Afr	11/14/87
1700	1730	Japan	R Japan	11815	5990							Eu	03/11/88
1700	1730	Norway	R Norway	15310	15220	9655						SDS/As/NA	08/30/87
1700	1800	USA	WHRI	15105								WNA/Afr/Eu/ME	02/07/88
1700	2100	USA	WRNO	15420								Eu/CA/SA	12/03/87
1715	1800	German Dem Rep	R Berlin Int'l	15255	15145	9665						NA/CA/Eu	03/16/88
1730	1825	Argentina	RAE	15345								C&E Afr	03/11/88
												Eu/Afr/ME	05/14/87

1730	1755	Religión	BRF	11695	5910	Eu	02/27/88
1730	1800	Bulgaria	R Sofia	15310	11840	Afr	03/16/88
1730	1825	Czechoslovakia	R Prague	21505	15110	Afr/As	11/21/87
1730	2015	New Zealand	R New Zealand Int'l	15150	11780	Fac	11/08/87
1730	1800	Romania	R Bucharest	15340	15270	Afr	05/12/87
1730	2030	USA	XNLS	7355		As	11/27/87
1800	1830	Canada	R Canada Int'l	17820	15260	Afr	09/30/86
1800	1827	Czechoslovakia	R Prague	7345	5930	Eu	09/08/87
1800	1850	Fed Rep Germany	R Deutsche Welle	15120	13790	S&C/E Afr	03/12/88
1800	2000	India	AIR	15360	11940	60S/E Afr	04/17/87
1800	1900	Ivory Coast	R Cote-d'Ivoire	7215			exc Sundays
1800	2100	Kuwait	R Kuwait	11665		Eu/N&A/As/NZ	08/22/87
1800	2200	N Mariana Is	K101	9495		Japan	02/15/88
1800	1856	South Africa	Radio RSA	17880		M&C Afr/UK/Ireland	02/05/88
1800	1900	South Korea	R Korea	15575		Eu	10/03/87
1800	2000	USA	MESH	15390		E Afr	03/16/88
1800	2100	USA	MHR1	17830	13760	Eu/CA/SA	02/15/88
1800	2200	USA	MFR	15170	13695	Eu	11/04/87
1800	1830	USSR	R Kiev	7170	6165	Eu	03/16/88
1805	1900	Austria	ORF	12010	11825	ME/S Afr/Eu	02/21/88
1815	1900	German Dem Rep	R Berlin Int'l	6115	6080	Eu	03/11/88
1830	1900	Albania	R Tirana	9480	7120	Eu	02/28/88
1830	1900	Austria	ORF	12010	11825	ME/S Afr/Eu	02/21/88
1830	1900	Bulgaria	R Sofia	9700	7155	M Eu	03/16/88
1830	1900	Canada	R Canada Int'l	17875	15325	M Eu	03/13/88
1830	2000	Cuba	R Havana	9670		Eu	12/26/87
1830	1925	Netherlands	R Nederland	21685	17605	Afr/Eu	02/23/88
1830	1930	Spain	Sp Foreign Radio	15375	11840	Afr/ME/Eu	11/10/87
1830	1900	Sweden	R Sweden	11845		Eu/Afr	10/25/87
1830	1900	Switzerland	R Swiss Int'l	11955	9885	Afr	05/09/87
1845	1930	German Dem Rep	R Berlin Int'l	15255	11920	C Afr	03/11/88
1845	1945	India	AIR	11620	9910	60S/W Eu	04/17/87
1900	1930	Afghanistan	R Afghanistan	9635	6020	Eu	03/11/88
1900	2000	Algeria	R Algiers	1745	15215		01/30/88
1900	2000	Australia	R Australia	9580	7215	As/Pac/Pap/MS	03/14/87
1900	1930	Canada	R Canada Int'l	17820	15260	Afr	09/30/86

1900	2000	China	9740	8860	Eu	11/14/87
1900	1957	Czechoslovakia	7345	5930	Eu	09/08/87
1900	2000	Ecuador	17790	15270	Eu	03/14/88
1900	1930	Israel	13750	12077	NA/Eu/Afr	03/11/88
1900	1930	Japan	9505		60S/Americas	10/25/87
1900	1930	Norway	15310	15230	NA/SA/Eu/NZ	02/07/88
1900	1930	Portugal	15250	11870	Afr	03/05/88
1900	1956	South Africa	15225	11900	Afr	12/20/87
1900	2200	USA	17715		Canada	11/04/87
1900	2100	USA	17845	11905	Canada	09/07/87
1920	1930	Greece	11645	9425	Eu	11/14/87
1930	2030	China	9440	7480	NA/Afr	10/09/87
1930	1955	Finland	11755	9530	Eu	02/05/87
1930	2025	Iran	9765	9022	Eu/N Afr/NE/As/ENA	03/07/88
1930	2000	Portugal	11795	9740	Eu	05/19/87
1930	2025	Romania	11940	9750	Great Britain	03/19/88
1935	1955	Italy	11800	9710	60S/W Eu/Afr	01/23/88
1945	2045	India	11860	11620	Eu	03/07/88
1950	2010	Vatican State	9645	7250	As/Pac/PapNG	03/14/87
2000	2030	Australia	9620	9580	N Eu	02/15/88
2000	2030	Canada	17875	17820	E AS	03/11/88
2000	2100	Suaz	11665	5995	Eu	03/16/88
2000	2030	Hungary	11910	9835	NA/Eu	02/07/88
2000	2030	Iraq	9770		CA/Carib	08/16/87
2000	2030	Norway	15310	6000	World Service	03/16/88
2000	2400	USA	17775		Eu	12/15/87
2000	2200	USA	15390		Eu	08/17/87
2000	2100	USSR	11840	7195	Near East	03/19/88
2005	2105	Syria	11625	9950	Afr	12/24/86
2015	2145	Egypt	9670		As/Pac/PapNG	03/14/87
2025	2045	Italy	11800	7235	Eu/NA	03/16/88
2030	2100	Albania	11835	9480	W Afr	11/14/87
2030	2100	Australia	9620	9580	N Afr	08/17/87
2030	2100	Bulgaria	7155	7115	M Afr	02/23/88
2030	2130	China	9440	7480	M Afr	
2030	2200	Egypt	15375		M Afr	
2030	2125	Netherlands	15560	11740	M Afr	
			9895	9540		

2030	2130	South Korea	R Korea	15575	7550	6480	Eu/NE/Afr	10/03/87
2030	2130	Spain	Sp Foreign Radio	9745	7275		Eu	04/11/87
2045	2130	German Dem Rep	R Berlin Int'l	6125	5965		ENR/Eu	03/11/88
2045	2230	India	AIR	11715	11620	9910	605/W Eu/Aus/NZ	03/28/87
2045	2100	Vatican State	Vatican Radio	15120	11760	11700	Africa	01/03/88
2100	2130	Australia	R Australia	15395	15240	15160	As/Pac/Fap/NS	03/14/87
2100	2125	Belgium	BR1	9925	5910		NA/Eu	02/27/88
2100	2115	Cameroon	R Cameroon	5010	4850			12/23/87
2100	2200	China	R Beijing	9740	4660	6165	Eu	11/14/87
2100	2150	Fed Rep Germany	R Deutsche Welle	9745	9605	7130	Aus/As	11/29/87
2100	2110	Ghana	Ghana BC Corp	3346				12/23/87
2100	2300	Gua	NSDA	11945	11700		Phi1	12/03/87
2100	2130	Japan	R Japan	17835	9695	7140	60S/As/SA	02/27/88
2100	2130	Romania	R Bucharest	11940	9750	9690	Eu	05/19/87
2100	2130	Sweden	R Sweden	9700	6065		Eu/Afr	10/25/87
2100	2130	Switzerland	R Swiss Int'l	15570	12035	9865	Afr	05/09/87
2100	2150	Turkey	V of Turkey	7215			Eu	10/03/87
2100	2400	USA	WHFI	17830	9770		Eu/CA/SA	02/15/88
2100	0000	USA	WRNO	13740			NA/CA/Eu	02/15/88
2100	2200	USSR	R Moscow	15455	13645	12050	World Service	03-18/88
2105	2205	Syria	R Damascus	11625	9950		NA	01/13/88
2130	2200	Australia	R Australia	15395	15240	15160	As/Fac/Fap/NS	03/14/87
2130	2200	Austria	ORF	11915	9870	6155	W Afr/Eu	02/21/88
2130	2230	Bulgaria	R Sofia	11720	6070		NA/W Eu	03-16/88
2130	2200	Canada	R Canada Int'l	17620	15150	11880	Afr	10/03/87
2130	2200	Ecuador	HCJB	17750	15270	11740	Eu	03/14/88
2130	2200	Israel	Kol Israel	15585	13750	12077	NA/Eur/LA	03/11/88
2155	2229	Canada	R Canada Int'l	11745	9755	5960	SE As/NA	03/13/88
2200	2300	Argentina	RAE	11710	9690		Americas	09/25/87
2200	2400	Australia	R Australia	17795	15395	15320	As/Pac/Fap/NS	03/14/87
2200	2300	Canada	R Canada Int'l	11945	9740		W Eu	10/03/87
2200	2230	Czechoslovakia	R Prague	6055			Eu	05/14/87
2206	2245	England	BBC	6175	5975		World Service/NA	11/12/87
2200	2225	Finland	R Finland	9670	6120		SA/Eu	11/26/87
2200	2245	German Dem Rep	R Berlin Int'l	7295	6165	6125	ENR/Eu	03/11/88
2200	2225	Italy	RAI	9710	5990		Japan	12/01/87

2200	0200	N Mariana Is	K/DI	15405		Japan	340 deg	12/03/87
2200	2230	Norway	R Norway	11860	9525	SA	Eng Sun only	02/07/88
2200	2300	Taiwan	V of Free China	15370	11805 9555 7355	Eu/Aus/NZ	MYFR:11805 & 7355	02/27/88
2200	0000	USA	KUSN	15580		Canada	70 deg	12/20/87
2200	2400	USA	WCSN	15300		W Afr	90 deg	03/16/88
2200	2300	USSR	R Moscow	15455	13665 7310 7215 7195 7150 7115 5915	As/Aus/NZ	ENA	03/16/88
2205	2225	Vatican State	Vatican Radio	11830	9615 6015			01/03/88
2213	2230	Yugoslavia	R Yugoslavia	9620	7240 5780			03/13/88
2230	2300	Albania	R Tirana	9480	7210	Eu		02/16/88
2230	2300	China	R Beijing	6185	3785	Eu	v Switzerland	11/05/87
2230	2330	Malta	R Mediterranean	6110				03/28/87
2230	2300	Poland	R Poland	7270	7125 6135 5995	Eu		08/07/86
2230	2300	USSR	R Vilnius	6100		Eu		02/28/88
2245	2300	England	BBC	7325	6175 5975	World Service/NA		11/12/87
2245	2255	Ghana	Ghana BC Corp	4915	3366	Pac/Aus/Melanesia		12/23/87
2245	0045	New Zealand	R New Zealand Int'l	17705	15150	NA/W Eu		11/08/87
2300	0000	Bulgaria	R Sofia	11720	6070	Carib		03/16/88
2300	2330	Canada	R Canada Int'l	11730	9755	World Service/NA		08/29/87
2300	0030	England	BBC	9590	9515 7325 6175 5975	ENA		11/12/87
2300	2345	German Dem Rep	R Berlin Int'l	9730	6080	SE As	9570 S, 9515 A	03/11/88
2300	0200	Guam	KSOA	15125	11700	NA		02/15/88
2300	2330	Israel	Kol Israel	9815	9435 7462	60S/As/Aw/Eu/NE/AF		03/11/88
2300	2400	Japan	R Japan	15300	15280 15195 11815 11800 9695	NA		02/27/88
2300	2350	North Korea	R Pyongyang	13650	11735	NA	11500 Gabon relay	12/28/87
2300	2330	Sweden	R Sweden	11705	9695	SE As/NA/Eu/NE/AF		03/01/88
2300	2350	Turkey	V of Turkey	17760	9445 7160 7135	NA		11/08/87
2300	0000	USSR	R Moscow	15455	13665 7310 7215 7195 7150 7115 6000	SE As/NA/Eu/NE		03/16/88
2300	2330	USSR	R Vilnius	13645	11860 11780 7400 7165 6200	ENA		02/28/88
2300	0000	Albania	R Tirana	9760	7065	NA		12/24/86
2330	2355	Belgium	BRT	11695	9925	SA/NA		02/27/88
2330	0030	Canada	R Canada Int'l	9755	5960	NA		03/13/88
2330	0030	South Korea	R Korea	15575		NA	SA/Su-0000	10/03/87
2330	0000	USSR	R Kiev	13645	11890 11790 7400 7165 6200 6020	NA		03/16/88
2335	2345	Greece	V of Greece	11645	9395	NA	End news	08/03/87
2345	0030	German Dem Rep	R Berlin Int'l	9730	6080	ENA		03/11/88
2355	0100	USA	VOA	15205	11580 9775 9455	NA		02/15/88
2358	0400	USA	WRI	9870	7400	Eu/CA/SA		02/15/88

ENGLISH LANGUAGE DX SHOWS: By Day of Week
Compiled by Thomas R. Sundstrom, W2IQ

Shortwave DX Program	Show (asn) Start Start Time Time Country	Station	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Target Area	Notes re DX Show	Record Last Updated
** DAY OF THE WEEK: Sunday												
SML Digest	0005 0000 Canada	R Canada Int 1	9755	5960						NA		03/13/88
World of Radio	0030 0000 USA	WRNO	7355							NA/CA		10/17/87
Communications World	0110 2355 USA	VOA	15205	11580	9775	9455				Americas		12/05/87
Shortwave Panorama	0200 0130 Austria	ORF	9870							NA		02/28/88
SM Merry-Go-Round	0220 0200 Switzerland	R Swiss Int 1	12035	9885	9725	6135	5965			NA		05/16/86
Communicator	0230 0230 Australia	R Australia	17795	17750	17715	15240	15180			As/Pac/PapMG		12/27/87
DX Party Line	0230 0200 Ecuador	HCJB	11775	9720	6230					NA		05/03/86
Amateur Radio Spectr	0250 0200 South Africa	Radio RSA	9615	9580	6010					NA		02/28/88
SM Merry-Go-Round	0420 0400 Switzerland	R Swiss Int 1	12035	9885	9725	6135				NA		05/16/86
DX Party Line	0630 0200 Ecuador	HCJB	11775	9720	6230					NA		12/20/87
Communicator	0730 0730 Australia	R Australia	17750	17715	15395	9655	5995			As/Pac/PapMG		12/27/87
Pacific DX Magazine	0840 0805 Buaa	KFMR	11805							Japan		08/31/87
Shortwave Panorama	0905 0900 Austria	ORF	11915	6155						Eu		09/13/86
AMR DX Program	0915 0900 Portugal	AMR Europe	9670							Eu		11/27/87
DX Corner	0929 0900 Japan	R Japan	17810	15235	11885	11840				60S/As/OC		05/09/87
DX Corner	1129 1100 Japan	R Japan	17810	9695	6120	5990				60S/Asia/NA		05/09/87
DX Program	1200 1200 USSR	R Tashkent	11785	9715	9600	7275	5945			AS		10/16/86
Communicator	1230 1230 Australia	R Australia	9770	9580	7215	7205	6080	6060		5995 As/Pac/PapMG	Su after 2nd Sat/so	12/25/87
Shortwave Panorama	1233 1230 Austria	ORF	17870	15350	11915	6155				EMA/As/As/Eu		05/09/87
Shortwave Panorama	1430 1400 Austria	ORF	9665	6155						E As/Eu		09/28/86
World of Radio	1700 1700 USA	WRNO	15420							NA/CA/Eu		03/16/88
Communicator	1730 1530 Australia	R Australia	9580	7215	7205	6080	6060	6035		5995 As/Pac/PapMG		12/27/87
Shortwave Panorama	1805 1805 Austria	ORF	12010	11825	11915	6155	5945			ME/S Afr/Eu		09/28/86
DX Show & Mailbag	1815 1800 USSR	R Kiev	7170	6165	6090	6010				Eu		03/16/88
DX Corner	1840 1800 South Africa	Radio RSA	47880							MEC Afr/UK/Ireland		02/05/88
DX Spot	1850 1830 Spain	Sp Foretn Radio	15375	11840	9765	7275				Afr/ME/Eu		05/31/87
DX Corner	1920 1900 Israel	Kol Israel	13750	12077	11605	9455	9011			NA/Eu/Afr		03/11/88
DX Corner	1940 1900 South Africa	Radio RSA	15225	11900	7270					Afr		02/05/88

Communicator	2030	2030	Australia	R Australia	9620	9580	As/Pac/PapNB	12/25/87
DX Spot	2050	2030	Spain	Sp Foreign Radio	9765	7275	Eu	04/11/87
DX Corner	2150	2130	Israel	Kol Israel	15585	13750	NR/Eu/LA	03/11/88
R Sofia Calling	2215	2130	Bulgaria	R Sofia	11720	6070	NR/W Eu	03/16/88
SW Diquest	2305	2300	Canada	R Canada Int'l	11730	9755	Carib	05/31/88
DX Corner	2320	2300	Israel	Kol Israel	9815	9435	NA	03/11/88
DX Corner	2329	2300	Japan	R Japan	15300	15280	60S/As/Am/Eu/NE/AF	05/09/87
R Sofia Calling	2345	2300	Bulgaria	R Sofia	11720	6070	NR/W Eu	03/16/88
DX Show & Mailbag	2345	2330	USSR	R Kiev	13645	11890	6020 NA	03/16/88
** DAY OF THE WEEK: Monday								
DX Corner	0020	0000	Israel	Kol Israel	9815	9435	7462	NA
DX Spot	0020	0000	Spain	Sp Foreign Radio	9630	6125		03/11/88
SW Feedback's DX Cor	0025	2330	South Korea	R Korea	15575			01/11/87
DX Corner	0120	0100	Israel	Kol Israel	9815	9435	7462	10/03/87
DX Spot	0120	0100	Spain	Sp Foreign Radio	9630	6125		03/11/88
DX Show & Mailbag	0215	0200	USSR	R Kiev	13645	11890	7400 7165	03/16/88
DX Corner	0245	0200	South Africa	Radio RSA	9615	9380	6010	02/28/88
DX Corner	0329	0300	Japan	R Japan	21610	17845	17825 17810	05/05/87
R Sofia Calling	0345	0300	Bulgaria	R Sofia	11840	11735	9560 7115	03/16/88
Shortwave Panorama	0435	0430	Austria	ORF	15410	6155	6015	05/19/84
Waveguide	0450	0430	England	BBC	9510	5875		12/01/87
DX Spot	0520	0500	Spain	Sp Foreign Radio	6125			10/03/87
Radio World	0815	0800	Belgium	RF1	15510	11695		09/22/87
DX Party Line	0930	0700	Ecuador	HCJB	11925	9745	6130	05/03/86
DX Party Line	1206	1158	Ecuador	HCJB	6075			05/14/87
REI DX Club	2105	2045	German Dem Rep	R Berlin Int'l	6125	5665		03/11/88
DX Party Line	2130	2130	Ecuador	HCJB	17790	15270	11740	05/03/86
REI DX Club	2220	2200	German Dem Rep	R Berlin Int'l	7295	6165	6125	03/11/88
DX Program	2250	2200	USSR	R Moscow	15455	13665	7310 7215	03/16/88
REI DX Club	2320	2300	German Dem Rep	R Berlin Int'l	9730	6080		03/11/88
** DAY OF THE WEEK: Tuesday								
REI DX Club	0005	2345	German Dem Rep	R Berlin Int'l	9730	6080		03/11/88
DX Program	0050	0000	USSR	R Moscow	7310	7150	7115	03/16/88
REI DX Club	0135	0115	German Dem Rep	R Berlin Int'l	9730	6080	5915	03/11/88
REI DX Club	0220	0200	German Dem Rep	R Berlin Int'l	9560	6080		03/11/88
DX Party Line	0230	0200	Ecuador	HCJB	11775	9720	6230	05/03/86
DX Program	0250	0000	USSR	R Moscow	7310	7150	7115	03/16/88
SW Merry-Go-Round	0305	2358	USA	WHRI	9870	7400		02/15/88

Sweden Calling Diers	0310	2358	USA	WRR1	9870	7400				Eu/Ch/SA	R Earth repeat	02/15/88
Dx Program	0340	0258	USSR	R Moscow	13645	12050	11790	7250	7260	7165	6190 WNA	03/16/88
REI DX Club	0350	0330	German Use Rep	R Berlin Int'l	9560	6080					biweekly	03/11/88
Dx Program	0540	0258	USSR	R Moscow	13645	12050	11790	7250	7260	7165	6190 WNA	03/16/88
Dx Party Line	0630	0200	Ecuador	HCBJ	11775	9720	6230					12/20/87
Waveguide	1115	1100	England	88C	11775	6195	5965					03/23/88
SML Digest	1230	1158	Canada	R Canada Int'l	17820	11955	9625				Worl'd Service/NA	03/26/88
Sweden Calling Diers	1410	1400	Sweden	R Sweden	15345	9695					NA	12/23/86
SM Club	1417	1415	Hungary	R Budapest	11910	9835	9585	7225	6110		Eu	03/11/88
Sweden Calling Diers	2110	2100	Sweden	R Sweden	9700	6065					Eu/Afr	05/19/87
Sweden Calling Diers	2310	2300	Sweden	R Sweden	11705	9695					NA	05/13/86
** DAY OF THE WEEK: Wednesday												
Sweden Calling Diers	0240	0230	Sweden	R Sweden	9695							06/17/87
World of Radio	0300	0100	Costa Rica	R for Fesce	7375							11/13/87
SM Club	0302	0300	Hungary	R Budapest	11910	9835	9585	9520	6110	6025		03/11/88
Ham Radio Today	0800	0700	Ecuador	HCBJ	11925	9745	6130					03/26/88
Ham Radio Today	1030	1030	Ecuador	HCBJ	11925	6130						03/26/88
Ham Radio Today	1206	1158	Ecuador	HCBJ	6075							01/30/88
Dier's Special	1750	1730	Argentina	FAE	15345							02/26/88
Ham Radio Today	2130	2130	Ecuador	HCBJ	17790	15270	11740					01/30/88
Dier's Special	2220	2200	Argentina	FAE	11710	9690					Americas	02/26/88
** DAY OF THE WEEK: Thursday												
Waveguide	0130	0030	England	88C	9515	7325	6175	5975			Worl'd Service/NA	12/16/87
Dier's Special	0220	0200	Argentina	FAE	11710	9690					Americas	02/26/88
Ham Radio Today	0250	0200	Ecuador	HCBJ	11775	9720	6230				NA	01/30/88
Dier's Special	0420	0400	Argentina	FAE	11710	9690					Americas	02/26/88
Ham Radio Today	0630	0200	Ecuador	HCBJ	11775	9720	6230				NA	01/30/88
Media Network	1150	1130	Netherlands	R Nederland	21480	17605	17575	15560	9715	5955	Eu/ME/AS	08/22/88
Media Network	1450	1430	Netherlands	R Nederland	17575	15560	13770	11740	9595		S&E AS/Eu	09/04/86
World of Radio	1515	1458	USA	WRNO	11965						NA/Ch	03/16/88
Media Network	1650	1630	Netherlands	R Nederland	9540	6020					S&E Afr	09/04/86
Media Network	1850	1830	Netherlands	R Nederland	21685	17605	9540	6020			Afr/Eu	08/22/86
Media Network	2050	2030	Netherlands	R Nederland	15560	11740	9895	9540			W Afr	08/22/86
** DAY OF THE WEEK: Friday												
World of Radio	0030	0000	USA	WRNO	7355						NA/Ch	03/16/88
Media Network	0250	0230	Netherlands	R Nederland	9895	9590	6165	6020			ENA	05/30/86
Media Network	0550	0530	Netherlands	R Nederland	9715	6165					WNA	11/21/86

Pacific DX Magazine	0940	0930	Suwa	KTHR	11805	9835	9585	7225	6110	Aus/NZ	08/31/87
SW Club	1417	1415	Hungary	R Budapest	11910	9835	9585	7225	6110	Eu	03/11/88
DX Show	1615	1600	Portugal	R Portugal	15245					India/NE	11/13/87
DX Show	1915	1900	Portugal	R Portugal	15250	11870				Afr	11/13/87
DX Show	1945	1930	Portugal	R Portugal	11795	9740				Eu	12/22/87
R Sofia Calling	2045	2030	Bulgaria	R Sofia	7155	7115	6070			Eu/NA	03/16/88
R Sofia Calling	2325	2300	Bulgaria	R Sofia	11720	6070				NA/W Eu	03/16/88
** DAY OF THE WEEK: Saturday											
World of Radio	0100	0100	Costa Rica	R for Peace	7375						11/13/87
DX Show	0245	0230	Portugal	R Portugal	11840	9705	9680	9635	9600	6060	01/16/88
World of Radio	0300	0258	USA	WRNG	6185						03/16/88
SW Club	0302	0300	Hungary	R Budapest	11910	9835	9585	9520	6110	6025	03/11/88
R Sofia Calling	0645	0630	Bulgaria	R Sofia	11720	9700					03/16/88
DX Party Line	0920	0700	Ecuador	HCJB	11925	9745	6130				03/16/88
SW Merry-Go-Round	1115	1100	Switzerland	R Swiss Int'l	17830	15570	11935	9885			09/06/86
DX Party Line	1206	1158	Ecuador	HCJB	6075						05/14/87
DX Programme	1330	1330	USSR	R Tashkent	11785	9715	9600	7275	5945		10/16/86
Radio World	1345	1330	Belgium	BRT	15590	15310					01/24/87
SW Merry-Go-Round	1345	1330	Switzerland	R Swiss Int'l	21695	17830	15570	15135	11935	11695	09/04/86
Pacific DX Magazine	1515	1500	Suwa	KTHR	9820						02/22/88
SW Merry-Go-Round	1545	1530	Switzerland	R Swiss Int'l	17830	15430	13685	9885			05/24/86
Radio World	1645	1630	Belgium	BRT	21810	17595					01/24/87
Communications World	1710	1655	USA	VOA	17800	17785	15580	15410			12/05/87
Radio World	1745	1730	Belgium	BRT	11695	5910					02/27/88
Amateur Radio Spectr	1845	1800	South Africa	Radio RSA	17880						02/28/88
SWL Digest	2005	2000	Canada	R Canada Int'l	17875	17820	15325	11945	9670	5995	03/13/88
Communications World	2110	1655	USA	VOA	17800	17785	15580	15410			12/05/87
Radio World	2115	2100	Belgium	BRT	9925	5910					02/27/88
SW Merry-Go-Round	2115	2100	Switzerland	R Swiss Int'l	15570	12035	9885				05/24/86
DX Radio Tips	2120	2100	Turkey	V of Turkey	7215						02/20/88
DX Party Line	2130	2130	Ecuador	HCJB	17790	15270	11740				05/03/86
SWL Digest	2135	2130	Canada	R Canada Int'l	17820	15150	11080				10/13/86
DX Radio Tips	2320	2300	Turkey	V of Turkey	17760	9445	7160	7135			02/20/88
Radio World	2345	2330	Belgium	BRT	11695	9925					02/27/88

15570 17830. S&SEAs 1310-1327 EG 13685 15570 17830 21695 + Beijing 11695, Kunming 15135. Near East/Eaf 1510-1527 AR 13685 15430 17830 21695. Af 1710-1727 FR/EG [so must be diff pgm from other longer EG bcs] 9885 11955 15430 15525 17830. SAm 2210-2227 PT 5965 9885 12035 + Moyabi, Gabon on 9810. UTC Tue & Fri: N&CAm 0110-0127 SP 5965 6135 9725 9885 12035; 0310-0327 EG 6135 9725 9885 12035 (via Jim Renfrew, Rochester NY)

THAILAND Thai univ stn on 6148, sounding like Mor Sor, continues regular 1030-1200. Still not certain about correct identity. Perhaps only clue Koran chants hd arnd 1140-1150 just before s/off. So has to be from southern Thailand. Gordon Darling who was in Bangkok recently said on RA Communicator that it is not Or Sor, Royal Palace Stn (Sarath Weerakoon, Sri Lanka, UADX Dec-Feb) But a source not available to NASWA says letters from the two stns in question confirm it is Or Sor (gh)

R Thailand EG pgms, intended mainly for domestic consumption on AM & FM, but also on SW 9655 11905: 2300 Morning Call, 2330 Travel Thailand w/Bob Theriault, 0000 official nx bulletin. 0030 Special Report, Business News, Sports, Social News. 0100 nx from wire services. 0120 A Page from Thai History. 0130 R Thailand Bookshelf. 0145 Music Scene. 0200 News. 0215 Happy hour. 0300 News, Happy Hour/Music Mine, 0400 News, Around Town, 0430 into French. 0500 News, 0530 Official News Bulletin, News in Perspective, 0600 closing. 1130 open evening EG svc w/nx heads, main points; 1200 Official News Bulletin, News in Perspective. 1230 Closing. 1500-1700 Say When, late nite show w/Jim Davidson (Bangkok Times [undated] via Pierre Thézé [sic], Thailand, Feb DSWCI SWN) Since it's a daily newspaper, some details above may apply only to the day of the week it was published. Why don't people keep track of dates?!! (gh)

TUNISIA RTT reported 18/2: Genl Secretariat of Arab Parliamentary Union has submitted memorandum to 44th session of Standin Committee for Info being held in Tunis now w/a recommendation to increase radio & TV bcs in fornl langs directed to world public opinion (WBI 26/2) About time we had some more EG out of Naf, cf Morocco (gh)

UKOGBANI April London Calling fq charts show that BEC is making a major change in sites serving NAM in the evenings on 49m: 5975, which had been from Britain until 0430 switching over to Antigua, now will be Antigua only 2000-0730, ex-6175. Sackville moves from 6120 to 6175 at 23 [or 22 for DST?]-0330. No longer any UK site on that band to us (gh)

BBC reported in Nov SWN on 3927.5 is a spur, also noted around 4 MHz (Bernhard Grundl, GFR, Mar SWN of DSWCI) Spur of what? Also reminds me that we may now enjoy the 5975 Antigua spurs at multiples of \pm apx 25 kHz all eve long

USA WORLD OF RADIO via WRNO as resked and refqd for DST: Thu 1515 on 11965, Fri 0030 on 7355, Sat 0300 on 6185, Sat 2330 on 13760, Sun 1700 on 15420 (gh)

RNMN reported 25/2, interviewing GM of WNQM, Nashville TN, George (McClintock): building SW stn to start in a few months, 100 kW xmtr, TCI ants. Air-date, unless supplier problems, 1/7. Studio is apx 3/4 finished, all eqp in and working. Call will be WWCR for Worldwide Christian Radio; towards Eu. We've started contacting SW stns & groups in other worldparts who might be interested in reaching NAM listeners. If enough response, will build 2nd hi-angle SW ant (WBI 4/3)

USSR TASS reported 4/2 that publishing and being for Crimean Tatars has been increased, following unrest among that ethnic group. Lenin Bayragy in Tashkent ran article 9/1 listing bcs in Crimean Tatar: on Uzbek R program I: 12/1 0423 Review of Lenin Bayragy; 13/1 1415 concert of CT mx. 14/1 0423 & 16/1 0523 reviews of Lenin Bayragy. 2nd pgm: 11/1 1500 News; 1410 Lofty Obligation of a Writer; 15/1 1500 News, 1510 Concert. In Uz SSR second pgm, Mash'al, concert of CT folk and modern mx Tues 0705-0730 (WBI 26/2)

R Moscow ancd 25/2 in Serbo-Croat: from 27/3 Yugo svc: 16-17 SC, 17-1730 Macedonian, 1730-18 Slovene, 18-19 more SC, 19-20 SC; on 41, 49, 321m; taking into account DST, still different from last year's sked.

All Union Radio, Mayak, reported 28/2: New pgm, Signal, about restructuring, Monds 0435 on pgm I, 1530 on Mayak [one hour earlier now]. Karelian R, Petrozavodsk, ancd 5/1 a new info pgm, "Good Morning, Karelia"; Kar R bcs in RS & Karelian Finnish on 765 kHz and FM. Since 4/1, K.R. pgms obs in morns 0340-04, 0445-05, 0515-0540 (WBI 4/3) Note no mention of SW, in line w/Behr suspicions

Excerpts from WBI 4/3 exhaustive Soviet DS skeds; note: these times are pre-DST, so now look for anything mentioned here one hour earlier. There will have been further changes in fqs at beginning and ending of March. (gh)

All-Union R First Pgm (M1) *02-06 on 6920U 5815U. 06 on 6920U. 07 on 14410U & 6920U. 12 on 6920U. 14 on 6920U 5815U until 22* [picking out the SSB fqs and skipping the several inband AM ones] Mon & Fri 11-1130 is a pgm Voices of Friends which might present complete pgms, IDs, ISes of various stns; Sat 15-1520 irregularly, Satirical microphone.

AUR R Orbita-4 (MID), *2359 on 7410U, 07 on 15600U, 1130 7410U to 2000* Mon & Fri Voices of friends at 10-1030.

AUR R Orbita-3 (MIC) *2159 on 6825L until 04; 0430 on 12205L, 11 on 6825L to 18*. Mon & Fri 07-0730 Voices of Friends.

AUR R Orbita-2 (MIB) *1959 on 6390U; Mon & Fri 06-0630 Voices of Friends, the SSB fq having become 11510U at 06. 11-16* back on 6390U. Satirical Microphone Sat 0930-10.

AUR R Orbita-1 (MIA) *1759 but no kHz, MHz of GHz fqs shown until 10-14 on 7390L; includes Mon & Wed 1115-1145 News--Polar edition.

AUR Mayak (M2), including Fifth Pgm fqs, SSB only here: 00 on 5815L 3368U. 03 on 6890U 5815L 3368U. 0330 on 5815L 3368U. 04 on 6890U 5815L 3368U. 05 on 5815L 3368U. 0530 3368U. 07 14410L 12205U. 09 on 14410L 16330U 12205U. 0930 on 14410L 11301U. 10 on 14410L 13735U 12205U 11301U. 1030 add 11740U. 11 on 14410L 13735U 11301U 6825U. 1130 on 14410L 13735U 6825U. 12 on 6825U. 14 on 13735U 6825U. 1430 on 6825U. 15 on 6825U 5815L 3368U. 1530 on 6920U 6825U 5815L 3368U. 1630 add 4930U. [17 4930 but not SSB.] 1730 6920L 6890U 6825U 5815L 3368U. 1830 6920L 6890L 5815L 3368U. 19 6920L 3368U. 1930 on 6920L 6890L 5815L 3368U. 20 on 6920L 5815L 3368U. 2030 6920L 3368U. 21 on 9320U 6920L 5815L 3368U. 2130 on same. 22 on 5815L 3368U. 2230 on 9320U 6890U 5815L 3368U. 23 on 9320U 6890U 5815L 3368U. 2330 on 6890U 5815L 3368U. Also frequently mentions 4765.47 [which must be Cuba, varying far more than that].

Some pgms on Mayak above: M-Sa 0405-0430 Good Morning! comedy show. Sun 14-1405 nx for stamp collectors, addl fqs being 12060 12000 11720 9865 9620 9555 9470 5935 5015 4930. M-F 1430-1435 Nx from republican studios [mentd previously in LN for IS source] also on 12060 12000 11720 9620 9555 9470 5935 5015 4930. Daily 17-1705 national wx report: 9645 6015 5935 5925 5015 4930. Daily 2130-2135 natl wx report also on 9890 7390 7315 6190 6015 5015 4930 4895 4825. 22-2205 shipping nx 7315 4930 4895.

AUR Third pgm (M3): 03 on 5035, 06-21 on 11840 9585 9570 5035; is youth/classical music and cultural svc. [Note strange juxtaposition of youth with classical and cultural!]; AUR 3rd pgm (Double) M3D, 01-19, only fq shown being 8125U after 12. Also same M3C at 23-17, no fqs; M3B at 21-15 on 11510L 6805U.

AUR Fifth pgm [composite svc for Sov seamen & compatriots abroad][excerpts]: 22-23 Fri For Soviet Fishermen, from Leningrad on 5950. 2330-0030 Radiostantsiya Rodina on 6890U 4765.47 and numerous 9, 8, 7, 6, 5 MHz fqs. 0030-0130 For Those at Sea, from Moscow, Sineropol', Leningrad on same. 02-03 RS Rodina. 0715-08 For those at Sea repeating 0045-0130 on 17, 15, 12, 11 MHz fqs. 0815-09 RS Tikhyy Okean, from Vladivostok, no fq details available. 09-0930 Tue & Fri For Soviet Specialists in Asia & Africa. 13-14 RS Atlantika, from Riga on W/M/W/T/S, from Murmansk Tue & Fri, on 17880 17745 17710 17680 17645 17615 15495 13735U 12070 12020 11980 11770. 1315-14 RS Tikhyy Okean, Vlad, no fqs. 14-15 RS Rodina on 18195U 17880 17745 17680 17645 17615 15495 15375 15260 13735U 12070 12065 12020 11980 11830 11770 9890- 9450. 1645-17 1/2 RS Atlantika, repeat of 12-13 [& no doubt tape speeded up...] on 13780 12070 9890 9745 9590 7420 7310 6890U 6805L 6020. 1930-2030 RS Tikhyy Okean, Vlad, no fqs. 20-21 RS Rodina on 9890 9795 9320u 7400 6890U.

R Moscow Interprogramme on 963 kHz 03-22 in SP, AR, FR, EG, GM, JP, with EG at 08-10, 11-12, 13-14, 15-16; also 24h RMWS relay in Moscow area on 918.

News for Polar Regions, Mon & Wed 15-1520 Russian nx on 9490.

TASS dictation-speed Russian, for towns and rayon newspapers, M-F 07-09 on 9850 9730 7420 7340 6770 5780 (WBI 4/3)

R Moscow ECNAm svc mentd 3/3 in reply to listener letter: It's true our nx is not always 'hot' and there is little change in it during the day. We begin NAM bcs at 2 am local and so news is recorded in advance. We are now considering possibility of using night shifts to prepare the news (WBI 11/3) Yay!

V A T I C A N Re Jan SWN report of 3931, may I humbly suggest this is spur (Bernhard Grundl, FGR, Mar DSWCI SWN) Of what? I ask equally humbly (gh)

Apr-Jun issue of R Vaticana reports: New SW 500 kW xmtg ant installed at S Maria di Galeria; is rotating ant 106m hi, joins the other 79m-hi ant of this kind built in the 1970s. Ant consists of two wideband dipole curtains (one for 6-11 MHz, other for 11-21 MHz), supported by two towers which rise at the en[d]s of a horizontal bridge, about 95m long, resting on four bogies. Each bogie is supported by a group of four wheels on a circular monorail about 89m in diameter. Orientation of ant remote-controlled. Complete rotation takes abt 5 mins. Important aspect of this is vly low take-off angle, ideally suited to long-distance bcs (WBI 18/3) Bogie is a Britishism; why don't they speak English? Hi.

VENEZUELA 3253 kHz, R 980, El Tigre, 26/1 ads and IDs, back on in irreg opn (Ravin G Sewdien, Surinam, Feb DSWCI SWN) Irreg, as hrd 25/11; called stn & they said xmtg just broke down and need spareparts to get it back on. Got them 28/11 but still not hrd again (Manuel A Rodriguez Lanza, Venezuela, Feb DSWCI)

R Occidente new on 9750, 11-12 6/2 //MW & 3270 (Rodriguez, Mar DSWCI) More on 3253, LV del Tigre: 40th anniv 28/1/88, had mx and ads at 2245. Quite irreg tho spent 600 kilobolivares on parts (\$20K); sked when it is on: 22-24 (Rodriguez, Mar SWN) R Occidente on new 9750 since 6/1 11-20 (ibid.)

Venezolana de TV ancd 13/2: Tonight we welcome new Televen channel, on air from today 12/2. Channel 10 started test period w/colour bars, mx, to continue for 2 months as required. Offl bcs start in March. First TV concession granted durin Ven's democr_atic period. Also strongest because will be 40 kW (as hrd). Its emergence a challenge for TV workers, due to more competition; and new source of jobs for hektopeople, incl reporters, artists, techs, labourers and admn personnel (WBI 26/2)

WEST BERLIN [Cf March LN-28] R Glasnost is not a new opn by RIAS Berlin, but title of pgm by new Berlin commercial radio stn Radio 100 (on 100.6 MHz). R Glasnost is presented by various E German listeners and consists of spl info on events in E Berlin. R. 100 can be hrd in both parts of divided city and in surrounding parts of GDR. Besides this stn there are two other new commercial FMs in W Berlin, namely R. 100.6 (sharing this fq w/ R. 100), and Radio in Berlin on 103.4 MHz (Heinz Kramer, DX ed. of Kurier, of ADDX)

ZANZIBAR RTZ, on new 3339 1730-2005 30/12 & 18/1, SH talk, local songs, anmts, mx, 2000 ID (Poul Erik Sørensen, Denmark and Bavarian DX Campers, Feb DSWCI SWN) 3338.7 at 1812-1823 13/2 vn talk, xylo-phone mx (Roland Hoeller, FRG, March DSWCI SWN) & just above it was 3338.5v Interprov Mozambique, qv(gh) below

ZIMBABWE ZBC reported 19/2: Minister of Info, Posts & Telecomms, Comrade Witness [sic] Mangwende, says govt may soon intro extl svc stn at ZBC in Harare. Was speaking in Gweru after touring ZBC xmtg at Guinea Fowl. Comrade Mangwende was accompanied by his deputy, Comrade Kenneth Manyonda and the ZBC Dir-Gen Comrade Tiriuafi Kangai. Said govt still seeking funds for project which is expected to cost more than 9 mega dollars (WBI 26/2) Ahem, it is only fitting that Comrades speak in terms of rubles instead (gh)

CLANDESTINE CRANNY Revolutionary Armed Forces of Colombia Radio At apx 1337 on 13/3, stn obs on 6835 in SP; just before it went off a few mins later, ancd: "...that was an info bulletin from the Natl Secretariat of the R-A-F-C, FARC, the people's army guerrilla co-ordinators [words indistinct] every Sunday per this sked: 1330 on 6835, 16 on 10257, 1630 on 7215, 2130 on 7422, 23 on 14285. You are cordially invited to our next edition". None of subsequent xmsns traced on 13/3. (WBI 18/3) DXLD reporter Ed LaCrosse in CA was hearing some unID SP on 10245 between 1150 and 1245 on 17/3 & 18/3, not Sundays. On 23/3 I sat on 10245 the hour around 20-21 to find only an extremely strong and unfading double carrier, unmodulated (gh)

National R of the Saharan Arab Democratic Republic (SADR) continues on 1355 kHz. But now at 20-24 w/AR till 2315, then SP. 1355 now joined by 576 kHz, fq that used to xmit Algerian R's AR svc and Polisario Front's V of Free Sahara svc, also carried by Alg R. 576 known to be in Bechar, Algeria. Still carries Alg DS Channel 3 in French from 05 to 20. Possibly dates back to inaug of Alg's 153 kHz xmtg in Bechar for AR svc in May 1987 (WBI 26/2) Stn IDing in Arabic as Al-Idha'at al-Wataniyah li al-Jumhuriyah al-Arabiya as-Sahrawiyah ad-Dimo-

gratiyah first obs in Dec 1979, but existence first mentd by Alg R on 21/8/79. The 1355 channel, believed to emanate from xmtr in Tindouf, joined by 576 some time in 1987 or 1988. [goes on to repeat above info, our \$\$\$ at work in WBI]. It is possible that there may be bcs from NR of SADR on 1355 only prior to 2000 (WBI 11/3)

R Freedom R Moscow Af svc in EG reported 3/3: R Liberty [mis-translation from Russian for R Freedom --BBCMS] is situated on outskirts of Malagasy capital, Antananarivo. For two hours every eve, bcs to Saf in 49mb in EG, Zulu, Xhosa, Sotho, Tanga, and almost all other langs spoken in the south of the continent. R Liberty airs nx, reports on struggle against apartheid and comments on events as they are viewed by the ANC, organiser and main force of resistance to the regime of racial discrimination (WBI 18/3)

R Bardai Monitoring 27/2 to 2/3: R Bardai, being in support of Chadian Transitional National Unity Govt (GUNT) from xmtr believed to be in Libya, obs bc-ing on 27/2 from apx 18 on 6009, its usual fq. Subsequent days, stn hrd betw apx 11 & 13, and 18-20. In FR, AR, local Chadian langs. Stn last hrd before this at end of Aug 1987 (WBI 4/3) 11-1130 FR, 1130-12 AR, 12-1315(Sat/Sun to 1415) in Sarah/Korah; 18-1830 FR, 1830-19 AR, 19-2030 Sarah/Korah. GUNT is hostile to govt in Ndjamena under Hissein Habre; first hrd Feb 1983. Ancs bcs from Bardai, town in extreme N Chad. Initially xmtr believed to have been in Sabha, Libya, but in early 1987 traced to location near Zuwarah, some 50 mi W of Tripoli, Libya. This is Lib R's main SW xmtr site. Also anc itself as "R Chad" and "Chadian Natl R". Describes self as "voice of liberation" Timing of pgms w/in bcs is variable (WBI 11/3)

R Voice of Ethiopian Unity At 1900 17/2, RVEU obs in Amharic on 7100 instead of 11180. Also //usual fq 9425. Sudan's Natl Unity R recently obs using 7100 at 1400 and 11180 also believed to have emanated from Sudan xmtr (WBI 26/2)

V of Libyan People MENA nx agcy, Cairo reported 7/3 on visit of head of Sudanese Democratic Unionist Party to Egypt: Muhammad Uthman al-Mirghani pointed out that his talks w/Pres Mubarak also dealt w/Egyptian-Libyan relations. He also pointed out that media attax betw two countries stopped yesterday, and he described this as a good indication. Monitoring 5-16 March: Egyptian radio has discontinued being the V of the Libyan People pgm formerly carried Mon/Wed /Sat by V of the Arabs svc at 2040-2050; last hrd 5/3 (WBI 18/3) But what about the separate VOLP cland xmsns? (gh)

V of the Palestine People's Revolution 18000 kHz, 1330-1400* 26/1 & 27/1 & often since. First thot harmonic or rx fault. AR pgm in progress at 1330 w/many ments of "Filistin" and fqt IDs as "Sawt il-Thowrah il-Sha'biyah Il-Filastin" and sometimes also as "Sawt al-Filastin". Talk by M&W w/heroic mx between continued until 1400* apparently w/out closing anmt. Again 27/1 from t/in 1137 to 1339* And again 10/2 after several days absence w/unID AR pgm in progress at 1112. Pal pgm apparently started at 1300 this day w/same heroic tunes. Almost daily from 10/2 thru 18/2. Seems to give out a couple of diff IDs so maybe same stn or pgm called V of the Popular Revolution in Palestine in other sources and is believed to originate from Libya (Mathias Kropf, Bad Hersfeld, FRG, DSWCI SWN)

Al-Quds Radio ancd 17/2 it'd bc a spl msg from Qadhafi at 1000 18/2, and so it was. Al-Quds ancd 21/2: in view of Zionist-American authorities' continuous jamming...we have been forced to approach the fq of the enemy radio; testing on 732 kHz. Monitoring 17-20 Feb: alternated 702 and 630 kHz several times a day in order to escape jamming. At 0700 21/2, opened on 732. V of Israel AR svc bcs from 1200 KW Tel Aviv xmtr on 738. AQR not hrd so far on previously-ancd reserve fqs of 576 and 530 (WBI 26/2) AQR ancd 11/3 that it'd have to change fqs more to combat jamming. Monitored sine 26/2 on 734 kHz. But 14-18 xmsn 12/3 on 702. Shortly before 1804*ancr mentd FM 105.4, 96.7, main MW 702, reserve MW 630 and 729. 13/3 07-12 xmsn again on 702; but switched back to 734 for 2nd xmsn. At 1451 repeated anmt about QSY to avoid jamming (WBI 18/3)

V of the [sic] Iranian Kurdistan tent on 4094v, 0327-0402 30/12, first noted on 4094 w/ME mx; 0336 jumped to 4103. Pgming changed to serious talk thot to be in Kurdish, backed by serious mx. F ancr mentd Kurdistan at 0337. 0338 jumped

to 4092, seemed Quran. 0340 changed again to 4100, trapping self under heavy ute. At 0342 on 4093 SINPO 24333, 0343 on 4103 23333. W at this point changed back to normal talk. Fq changes continued every couple mins. 0402 t/out when they were still going strong. May I be the first to dub this the "Venceremos of the east"! (Michael Osborn, UKOGBANI, Feb DSWCI SWN)

V of the Communist Party of Iran, 3895.5, *1658-1715 29/12 IS, opening anmt by girl 1659, brief tune and shouted IDs by M. Start of Internationale at 1700, lengthy anmt over song. Farsi talk along w/mx breaks, USB-mode as usual. 1705 seeming nx incl plenty of ments of Khargara; 34433 (Bernhard Grundl, DSWCI) 3895.2 at 1710 30/12; 3885.2 at 1830 recheck 30/12 in Azerbaijani. 3905.4 at 0454-0520* 6/1, M&W ancrs alt in apparent Azerbaijani (Azer always sked on Fri only so maybe now extended? --DSWCI ed Kropf), talk on revolution, Khomeiny, Iran, communism. Andean-sounding instl on guitar/flute, clear Farsi ID 0504 "Seda-ye Hezb Komoniste Iran". 0513 next ID just before start of singing Intle. 0514 pgm closed, 30 sec dead air, then coded msg by girl whose voice vyfamiliar to me now. USB-mode, SINPO 24343. On 3330 0414-0520 14/1, Farsi talk by lady, ID, found 3890.7 //, both USB and equal level. CHU and RTTY QRM on 90mb. 0515 coded msgs, neither fq hrd the following morn (Bernhard Grundl, GFR, DSWCI SWN)
On 3380, 1705-1931* 24/1. T/in to pgm of talk segments interspersed w/some mx on guitar/piano. Lang Farsi, usual M&W ancrs; 1740 on, lady only hrd, many refs to Kargara, Iran and Komonist. 1812 finally IDed "In Seda-ye Hezb-e komonist-e Iran"; 1845 hopped to 3380.05. More of same, s/off anmt plus singing Intle till 1901*, but 30 secs later coded msgs, no jamming, whereas vacant 3885 had big jammer sitting there. First that this may have been punch-up error for 3880.3 where observed last 18/1, and unusually weak sig seemed to point in same direction--antenna resonant on 75m only? This turned out to be wrong as further loggings proved. 25/1 1710-1725 on 3382.4v, so deliberate move from 75 m for evening bcs only. 1725 changed to 3380.4 where remained until jamming appeared on low side; then to 3390.4 arnd 1755 ME singing till t/out 1805. 1900 check yielded addl bubble jamming w/coded msgs in progress. Slowly drifting up to 3390.6 by 1926*. Careful w/IDs on these channels! (Bernhad Grundl, DX Window via March DSWCI SWN)

12/1 on 3340-42 cland w/nx? at 18-1803, then oriental song; 1806 played Chopin's Minute Waltz as hrd once before on VOCP1, unusual for a cland! 1808 jammer found it and moved to 3334 (Björn Fransson, Sweden, DSWCI)

Letter from stn says xmtr is in border areas of western Iran; wants to cover all of Iran up to 2 Mm away; have used fqs arnd 4500 summer, 3800 winter, but latest data shows these need to change. Need as much info as possible about this. Also need info on directional antennas for fqs below 4.5 MHz; simplicity a key factor; from Technical Manager of RV of the Iranian Rev and RV of the CPI (via Martin Hilbig, W Germany, Mar DSWCI) No addr but believed still: O.I.S., Box 50040, S-104 05 Stockholm, Sweden (Mathis Kropf, DSWCI cland ed)

R Iran Anti-Khomeni stn in Farsi noted 1/3 & 2/3 on 9045 //7075 for 15 mins during start of 1830-1930 pgm. But then reverted to 9400, fq used for last 6 months. 9045 carries Iran's Flag of Freedom R at 1630-1830 in Farsi //7080 & both use same anthem at start of xmsn (Dr Supratik Sanatani, Calcutta, India) A clear proof that these two use same xmtrs: listening to s/off of FoF at 1825 on 7080; then xmtr remains on and is mod w/1 kHz tone. If you listn on a very wide bandwidth setting at 1827 app it can clearly be hrd how fq is switched from 7080 to 7075. At 1829 carrier-modulation is switched off and R Iran starts (Franz Süss, Romania, DSWCI) Why even bother to change fqs? (gh)

V of Mujahadeen/Mujahadeen e Khalq anti-Khomeni stn in Farsi noted on new 6175 *1515 past 2000. Also noted around 0200. Fq first appeared 2/3 and replaced 7130 and 5995. No other outlets obs. So we have only one channel now of this once-upon-a-time king of the clands (Supratik Sanatani, Calcutta, India, 5/3)

V of the Crusader (Persian: Inja Radyo Seday-e Mojahed ast) General Pgm: 1530-16 on 9580 7130 6145 5995 3964v 3930 1539 1431; repeated next day [whynot same day?] at 18 on 3905v; and at 0330-04 on 7220 7180. Special pgm ancd as for combatant units and Natl Libn Army cells behind the fronts: 1830-2130 on 7130 6145 5995 3995v 3964v 3930; repeated at 0630-0930 on 9595 7130; 12-15 on 7130 & 5995. Exact times vary. MW fqs also carry Persian svc of R Baghdad. Some SW fqs first used by Free V of Iran, R Iran, R Baghdad. Some vary; Kurdish too (WBI)

unID on 3964.0 maybe V of the Mojahed, 9/1 & 16/1 1532-1800; orch tune w/M ancy mx in Farsi, plenty of refs to Mojahed. 1541 W alt w/M every few mins. 1551 drastic change in audio, recorded msg? Symphonic tune by 1622, also some orl mx, ment Seda-ye Mojahed. Revly songs, QRM R Afghanistan past 1610, 1755 drowned by QRM when RFI came on. USB completely blocked by usual Iranian bubble jamming, so seems anti-Khomeiny. Gone at 1920 recheck. Wonder if Crusader opration reactivated as anmt at 1630 implies? (Bernhard Grundl, GFR, Feb DSWCI)

Arabic Freedom R, 17540, 1528-1600* 28/1 & 1/2. Had expected usual V of Unity pgm but was not //12230 and 15685. Pgm of talk by M in some Afgh langs, Arabic mx and IDs as "Arabiya Hurriyat Radio". 1600 talk cut off during nx, test tone, OC to 1611*. Usual Unity pgm hrd 29/1 thru 31/1 but new pgm reappeared on 1/2. Seemed to be repeat of 28/1 pgm, same nx, s/off pattern. Langs seem Pashto and Dari. Unjammed on both days, best 1/2 SINPO 55444. Unhrd from 1/2 until just before 19/2, but too busy to check daily. Wonder if new program will replace Unity sooner or later in connexion w/Soviettroop withdrawal? Absence of jamming and choice of name could indicate something like this. Seems rathr irregular so far, so we wait and see (Mathias Kropf, GFR, DSWCI SWN) Why would they name it "Arabic..." for people who are not Arabs? (gh)

V of National Army of Democratic Kampuchea This stn supporting Khmer Rouge and opd by Democratic Party of Kampuchea is not obs on 5200. Search for stn proves futile. Talks in Paris betw Prince Norodom Sihanouk and the Kamp premier aimed at restoring normality in Kamp might have made stn superfluous (Supratik Sanatani, Calcutta, India, 5/3) Now using new 5405, perhaps drifted from long used 5200; I remember 5407 used for about a week in May 1985 before moving back to 5200. Sked is 2315-01 Kamp, 01-0130 Viet, 0430-05 Kamp, 05-0630 Viet, 10-14 Kamp, 14-1430 Viet. Xmtr believed somewhere in S Laos and N Kampuchea [both?] (Sarath Weerakoon, Sri Lanka, UADX Dec-Feb)

V of Khmer Kamp-speaking stn supporting Sihanouk continues steady on 6325 at 05-07, 11-14, 23-24. S/on w/16 note bell chimes for ea xmsn. Recordings of Sihanouk's speeches played and the ones in FR at nx confs are xldd by ancr (Supratik Sanatani, Calcutta, 5/3) Stn oprated jointly by Sihanoukist Natl Army and non-communist Khmer People's Natl Libn Front KPRLF, led by Son Sann; continues excellent on 6325. SW xmtr believed in rebel camp in liberated zone of Kampuchea. Sked 23-24, 11-14 all in Kamp. Lively pgms when compared w/VNADK and China-based V of Democratic Kampuchea (Sarath Weerakoon, Sri Lanka, UADX)

V of the People, 3912.0, 2038-2100* 22/12, tent, vy tough copy w/LSB completely blocked by ute and BBC splatter on USB. Mx seemed Korean-style or similar but no chance to tell lang as anmts next to inaudible. Pulled plug 10 secs past hour. So-called R V of the People, another cland opn, reported here recently at 20-21; SINPO 12431 (Bernhard Grundl, FRG, DSWCI) 3912.0, 1953-2015 29/12 tent, carrier by 1953 already. Time pips on hour plus opening anmt and orch tune. Couldn't catch ID since my command of Korean non-existent. March mx by 2003 and talk in presumed KR. Hrd Shinuiju s/on 1958 on 3920, but they were weaker. Time pips might've originatd from BBC-Singaproe as well. USB a must, unfortunately due to ute on LSB. 22332 w/TVI QRM as usual. 3912.0 at*15-16* 31/12 tent, opening w/orch tune and Korean M ancr. Carriq from 1455; weak (ibid) My files show ID is Inmin-e Sori (Mathias Kropf, DSWCI ed)

V of the Worker [oops, should've been on previous page] 4149.8, *1627-1638 20/12 likely one w/usual s/on routine and W ancr for spoken pgm in Farsi? Checking to see if fq changed, but not. No ID. On 4144.8 *1730-1920a* 22/12 hopped down by 5 kHz even w/out jamming. Same pattern as on 21/12. 1918 still carrier, 1920 gone, fair. 4149.8 at 1707-1726* 30/12, 1629-1727* 29/12, nothing hre at t/in 1625, but there a few mins later. 34433, sig dropped by 1705. On 4154.8 at 1732-1912* 29/12, found after 4149.8 had closed, clear ID "Seda-ye Khargar... Rah-e Khargar" by M at 1734 amid symph mx, 34433 (Bernhard Grundl, FRG, DSWCI) VG on 4150 03-04 w/normal talk, mx, SINPO 34434. 0402 bubble jamming reducing sig to 33333 (Michael Osborn, UK, ibid) Also as late as 0445 several days in mid-Jan but no trace of jamming hrd here (Mathias Kropf, FRG, DSWCI cland ed.)

U N I D E N T I F I E D 5000 kHz, 2054-2113* 22/12 in AR mentd Arabiya Islamiya often, no image (Björn Fransson, Sweden, DSWCI) Maybe Libya (Andy Sennit, DSWCI)

LAST-MINUTE INFO CHAD Chadian Natl R, RNT, DS pgms in FR,

AR, local langs = Sara, Kanembou, Moundang, Toupouri, Gorane & Massa Zakawa. 0430-0730 on 4904.5; 0730-1025 Sat/Sun & 1025-16 daily on 7120; 16-22 on 4904.5. Pgms include 0430-0432 pgm pvw in FR; 0445-0515 Rural Radio Forum in FR, 0530-0555 nx in FR; 17-1715 nx in colloquial AR, 1835-1840 pgm pvw in FR, 1845-1915 Chad Actualités Soir nx. R Moundou, multilingual in FR, AR, Af verns, 05-08 & 14-18 on 5287v (WBI 18/3)

ECUADOR HCJB ES in EG: 0030 on 15155 1910 11775 9720. 0130 on 15155 11775 9720. 02 on 11775 9720. 05-07 11775 9720 6230 Am. 0645(Sat/Sun 07) Eu 6205, 07-0830 9675 6205. 07 Au 11925 9745, 0830 11925 9745 6130, 1030-1130 11925. 12-16 Am 17890 15115 11740 [omits EG to Japan 12 on 6075]. 19-20 Eu 17790 15270 11740. 2130-22 Eu 17790 15270 11740 [sic; I hear them on 11790].

SP nx from Rdif Nacional del Ecuador M-F 2201-2215 on 17790 15270. HCJB's weekly lang output totals: Czech 7 hours. EG 127:15. FR 10:30. GM 24:45. JP 10:30. Nordic 9. PT 41:25. Quechua 77. RS 14:30. SP 161; Total 492:55 (WBI 18/3)

HUNGARY R Bud reported 10/3: From 1/5 the German and Austrian-lang depts will be merged. R Bud also runs only GM-lang commercial stn in EEu, R Danubius, which this summer will have nx in EG and ads in DT. Shake-up in skedding from 2/5, in keeping w/young listeners or workers who miss morn, lunch, early aftn pgms. Overall cutting around 33% in airtime, but EG will be at 1830, 20, 2330, 0030 for regular pgms; DX shows increase from 4x a week to two separate shows 8x a week on every day of the week, twice on Sundays, doubling our DX output. RB ancd 25/2: from 2/5, new EG times 1830 7 days a week, 2000 likewise to Eu; 2330 six days and 0030 daily to NAm. 11/3 anmt of DX pgm times: Eu Mon 1515, Thu 1515, Sat 1030, Sun 0945; NAm Tue, Wed, Fri, Sat 0130 (WBI 18/3)

MALI Malian R ancd 12/3 new pgming from 14/3 incl nx for Malians abroad at 1300, Sats 0830-09 in Bambara (WBI 18/3)

NEW ZEALAND RA Communicator reported 13/3: BBC would like to put in two 500 kW, = four 250s on North Island; could be shared w/RNZ Intl (WBI 18/3)

PANAMA R Nacional reported 10/3: from 10/3 two daily nxcasts on natl net at 1645, 2245, in view of crisis promoted by US vs Panama (WBI 18/3) Decree effective 11/3 makes it obligatory for stns to join this net (WBI 18/3)

PHILIPPINES R Veritas Asia sked includes Std Chinese on 9690 at 1230-13 & 13-1355 as if it were their own pgm, no mention of DW relay (WBI 18/3)

SÃO TOMÉ E PRÍNCIPE RDP Intl, Lisbon reported 9/3: PR Office of RDP ancd that an RDP team has left for ST&P for on the spot assessment of needs of that country's natl radio stn in tech, pgm-making and info spheres (WBI 18/3)

SWEDEN RS printd sked for *27/3 says SW SSB relays of HS pgms will continue until 1/7 then close down. Also on SSB are RS ES in SD at 2330 & 02, EG 0230 (WBI 18/3)

PUBLICATIONS DX LISTENING DIGEST and REVIEW OF INTERNATIONAL BROADCASTING

I still feel that both publications are by far the best available in the hobby area, including clubs. I have come to scan all of the bulletins I receive, including the one I edit for. I read every line of LN, RIB, DXLD each month. Your publications are a great service to the hobby, and I really feel you don't get 10% of the credit you deserve. I've been burned by many publications... I've come to rely on yours, and just wanted to thank you for making them available. I doubt many people understand the amount of time, effort and sacrifice you've given all of us! (Russell A Lay, Lawrenceville GA) *Blush* Tnx for your very kind comments. The best way to thank me is for more and more people to subscribe to DXLD and RIB so I will be encouraged to, and can afford to, continue such work, besides gratis work like LN. Due to postage increases, I am now asking \$20.50 for 10 issues of either, \$39 for both if ordered at same time, by first class in USA. Foreign rate increases to be announced. Samples in NAm still \$2 each. Sub payment by check, MO or cash at sender risk; sample, stamps also accepted, from gh, Box 1684, Enid OK 73702.

QSL REPORT

ABU DHABI: Voice of the UAE 5955 f/d m/c ltr. w/ sticker in 24 ds. for ms. (Archer-NC). 11825 same in 24 ds. for 2 IRCs. (Davis-NM).
ADMIRALTY ISLANDS: Radio Manus 3315 f/d ltr. in 48 ds. for 2 IRCs. v/s Eliun Sereman, Station Manager. (Van Horn-FL).
ANGOLA: Radio Nacional 9720 f/d cd. w/ ltr. via registered mail in 200 ds. for ms. v/s Carlos Ferreira, O Chefe do Departamento. (Archer).
 * Emissor Regional do Lobito 7172 f/d cd. w/ ltr. in 2½ mo. for a PT rpt. via registered mail. Same v/s as above. (Barto-CT).
ANTARCTICA: LRA36 Radio Nacional 15474 f/d ltr. in 119 ds. v/s Jose Antonlo Murga, Director. Five others signed the ltr. (Archer).
ANTIGUA: Deutsche Welle 17715 n/d "Globe" cd. in 38 ds. (Rubin-NY).
 BBC 6175 n/d cd. in 30 ds. (Willis-KY).
ARGENTINA: RAE 9690 f/d cd. in 56 ds. v/s Silvana Licciaroi. (Topoleski).



ASIATIC RUSSIA: Radio Moscow 7135 via Komsomolsk-on-Amur f/d cd. in 10 wks. (Orcutt-CA). 6070 and 12050 via Khabarovsk f/d "Lenin Library" cd. in 87 ds. (Archer). 7185 via Blagoveshensk f/d cd. in 10 wks. (Orcutt). 4810 f/d "Bolshoi Theatre" cd. w/o site in 2 mo. Presume site in A.R. (Barto).
AUSTRALIA: Radio Australia 17795 via Shepparton f/d "Lyre Birds" cd. in 15 ds. (Brouillette-IL). 9770 same cd. in 19 ds. (Rubin). VLM4 4920 f/d cd. in 52 ds. for 2 IRCs. (Archer). cd. in 33 ds. for 1 IRC. Schedule rcvd. (Brouillette-IL). (Paszkiwicz-WI).
AZERBAIJAN SSR: Radio Baku 4785 f/d paper cd. in 5 mo.
BOLIVIA: Radio El Mundo 6015 f/d ltr. w/ cd. and schedule in 3 mo. Rcvd. very large B&W, blue pennant. v/s Freddy Banegas Carrasco. (Barto-CT).
BORNEO: RRI Pontianak 3995 nice personal ltr. w/ business cd. in 21 ds. for an IN rpt. v/s Magrib Suparman: Hi! (Bryant-OK).

The defender of truth, justice and the American way of life. Hi!

BOUGANVILLE: Radio North Solomons 3325 f/d prepared cd. in 35 ds. for SASE. (Archer). f/d ltr. in 1 mo. for 1 IRC. v/s S. Sawa, Station Manager. (Swaringen-NC).
BRAZIL: Radio Educacao Rural 4755 form ltr. in 28 ds. for a PT rpt. and 1 IRC. v/s Ailton Guerra, Gerente. (Schmitz-FRG). Radio Cultura do Para 5045 p/d ltr. in 21 ds. for a PT rpt. and ms. v/s Ronald Pastor, Director. (Rugg). Radio Rural do Santarem 4765 f/d form ltr. w/ sticker in 37 ds. for a PT rpt. and ms. (Rugg-QUE). Radio Rio Mar 9695 p/d cd. in 18 ds. for ms. (Van Horn). Radio Bras 11745 "Waterfall" cd. in 47 ds. for 1 IRC. (Willis). Radio Clube do Para 4885 f/d ltr. in 22 ds. for a PT rpt. and ms. (Rugg). Radio Nacional Manaus 4845 f/d cd. in 31 ds. for a PT rpt. and ms. v/s Eudson Monteiro Lima. (Van Horn)...More to come.

DEPARTEMEN PERTANIAN
 BADAN PENDIDIKAN, LATIHAN DAN PENYULUHAN PERTANIAN
BALAI INFORMASI PERTANIAN JAWA TIMUR DI WONOCOLO
 JL. JENDERAL A. YANI 116 TLP. (314171) TELEK 32280 PO BOX 247 SURABAYA 80001
 I N D O N E S I A

RADIO KHUSUS INFORMASI PERTANIAN WONOCOLO
 gelombang SW 64 m Prakuensi 4699 kc/s


Dear Sir,
 Thank you very much for your reception report of our station's broadcast. On this opportunity I would like to give you some information about our radio broadcasting which is called Radio Khusus Informasi Pertanian (RKIP) means Agricultural Information Specific Radio Broadcasting, it is a section of Agricultural Information Centre's activity in East Java. We have planned our program for the farmers in the villages, so the whole programs were made to serve the farmer's problem, for example : agricultural technique, animal husbandry, fishery, special program for woman farmer about home economic, family planning etc. also young farmer's program and entertainment program.

We broadcast two times daily : 05.00 a.m. - 08.00 a.m.
 05.00 p.m. - 11.00 p.m.

carried out by 17 personnels consists of 7 full timers and 10 part timers. Our program that you reported was in accordance with our logbook,

Broadcasted by : Radio Khusus Informasi Pertanian (RKIP) on 63,86 meter band.
 Date : 14 th March 1985.
 Time : 19.00 - 20.30 L.T. (WIB)
 Frequency : 1699 kc/s.
 Transmitter's power : 2500 Watts.
 Antenna : Dipole.

Thanks a lot for your attention.



Respectfully,
 Koern Tor Indri
 leader of RKIP.

Radio Korea



GAMES OF THE XXIVTH OLYMPIAD SEOUL 1988

Notes: Harry Helms reports that after several years of being trapped in NYC highrises he has finally relocated to a house in the southern California area. He has his antennas up and the R71A in fighting trim. Father John Eckert is wondering if he can get QSL burn-out. Probably. Hi! He has 31 reports outstanding. Don't give up...Sam. Charlie Fox in VA also hopes that the QSL situation will pick up in 1988. This past year was very slow. Rich Arland (Secretary for the GCSS) was recently hired as Director of Telecommunications and Center Support for the student loan marketing association in Wilkes-Barre, PA. Good going! By the way, I'm typing this while listening to the SWL net on 7240. Great DX listening!!! Joe Zobro wonders why some of the DX publications in NA haven't merged. I've been thinking about the same thing...Sam. Rich Davis reports that in spite of very low QSL return rate, his C/V totals increased from 182 to 191. Quality was excellent! He is also looking forward to a good DX and QSL year in 1988. David Morby in NY

is working towards the World Wide DXer award by this summer. He has been DXing for about 15 years and hopes to verify many new catches.

Radio Korea



SEOUL 1988

15135 via Kunming f/d cd. in 5 wks. (Barto). Yunnan PBS 5960 p/d "Dianchi Lake" cd. in 324 ds. for a taped rpt. and 2 IRCs. (Kashiwabara-CA).

* Voice of Jinling 4875 p/d "Pavilion of Tang Tablet on Yunlong Mt." cd. in 11 wks. for ms. (Allen-OK).

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LATVIJAS RADIO



BRASIL: Nova Radio Inconfidencia 6010

* p/d ltr. in 22 ds. for a PT rpt. and ms. v/s Joao Barbosa, Director Superintendente. (Rugg). Radio Cultura Sao Paulo 17815 f/d ltr. in 29 ds. for a PT rpt. and 1 IRC. v/s Olimpio Jose Frano. (Van Horn).

* Radio Morimoto 4915 f/d ltr. w/ cd. in 2 mo. for a PT rpt. v/s Joel B. Nogueira. Station now on 5025. (Barto).

Radio Nacional Boa Vista 4875 f/d ltr. in 36 ds. for a PT rpt. and ms. (Van Horn). Radio Nacional Macapa 4915 f/d "Manaus Opera House" cd. in 36 ds. for a PT rpt. and ms. (Van Horn). cd. w/ ltr. in 25 ds. for a PT rpt. and 2 IRCs. New Addr: C.P. 2514, CEP 69100, Macapa. (Schmitz-FRG).

* Educ. Braganca 4825 f/d folder cd. in 37 ds. for a PT rpt. and ms. v/s N.S. Barros. (Van Horn-FL).

CHINA, PEOPLES REP. OF: Xi Jiang PBS 5075 f/d cd.

in 93 ds. via Beijing. (Leite-MA). Fuzhou PBS 5770 f/d cd. in 93 ds. via Beijing. (Leite).

Swiss Radio International 11695 via Beijing and

in 11 wks. for ms. (Allen-OK).

CLANDESTINE: Radio

* Truth 5015 p/d personal ltr. in 75 ds. for 1 IRC. v/s J. Brown. (Van

* Horn-FL. Radio Iran 9400 p/d form ltr. in 67 ds. (D'Angelo-PA).

COSTA RICA: TIPC

5055 cd. in 50 ds. for 1 IRC. (Rhyne-NC).



Radio Canada International

COSTA RICA:
AWR Radio Lira
International

15460 f/d cd. in 97 ds. w/ pennant. (Leite).
f/d "Logo" cd. w/ pennant and sticker in 6 ds. for ms.

v/s David Gregory. (Van Horn). 9725 cd. w/ pennant in 52 ds. (MacHarg-IL).

Radio Impacto 6150 p/d ltr. w/ sticker in 204 ds. v/s Hector Requena C. (MacHarg). 5030 f/d ltr. w/ sticker in 57 ds. for a SP rpt. and

* 3 IRCs. (Topoleski). Radio For Peace International 7375 f/d cd. w/ ltr. in 29 ds. v/s James Latham, Station Manager. (Allen). same in 3 wks. for US \$1.00 (Orcutt). f/d cd. w/ ltr. in 2 mo. for ms. (Palmerheim-MN). Radio Reloj 4832 f/d cd. in 62 ds. for a SP rpt. and 1 IRC. (Smith-NY).

VERIFICATION SIGNERS: Radio Illimani 4945 Carmelo de la Cruz Huanca, Productor y Locutor. Radio Morimoto 4915 Joel Nogueira, Director. AWR - Radio Lira 15460 David L. Gregory, Chief Engineer and Manager. Radio Stathmos Makedonias 11595 D. Goussides, Director. Radio Buenas Nuevas 4800 I. Rodas M., Director. FEN 15260 Kazusada Kobayashi, Chief Engineer. RRI Ujung Pandang 4719 A. Nyongki B.A., Kepala Stasiun. Radio Kampala 4976 L.B. Lubega, Senior Engineer.....via PLAY-DX...Sam.

CUBA: RHC 9550 f/d "Castillo de Morro" cd. in 98 ds. v/s Rolando Pelayez. (Rubin). Radio Moscow 11840 cd. in 10 wks. (Orcutt). 6000 and 6040 cds. in 87 ds. (Archer).

CZECHOSLOVAKIA: Radio Praha 11685 f/d "Wallachian Museum" cd. in 106 ds. (Rubin). 5930 and 7345 same cd. w/ schedule in 36 ds. (Levison).

DOMINICAN REP: Radio Amanacer 6025 n/d ltr. w/ postcard in 1 mo. for a SP rpt. (Archer). Radio Clarin 11700 p/d cd. in 1 mo. for a SP rpt. and 2 IRCs. (Smith).

DUBAI: UAE Radio and TV 17865 f/d cd. in 54 ds. (Levison). p/d cd. w/ paper pennant in 1 mo. (Willis). 21605 same in 21 ds. w/ schedule. (MacHarg). f/d cd. in 20 ds. for ms. (not used). (Rippel-VA).

ECUADOR: HCJB 15115 f/d "Sketchbook" cd. in 29 ds. for 2 IRCs. (Robinson-IL). La Voz del Napo 3280 f/d cd. in 133 ds. for a SP rpt. and 1 IRC. v/s Ramiro Cabrera, Director. (Schmitz-FRG). Radio Jesus del Gran Poder 5050 n/d cd. w/ pocket calendar in 46 ds. for a SP rpt. and 2 IRCs. (Topoleski). HD210A 3810 f/d cd. in 46 ds. for a taped rpt. and 2 IRCs. Sticker rcvd. (Burns-IN).

ESTONIAN SSR: Esti Radio 5925 f/d "Town * Hall of Tallinn" cd. in 4½ mo. (Palmerheim-MN).

EUROPEAN RUSSIA: Radio Moscow 9790 f/d cd. in 10 wks. (Orcutt-CA).....via Moscow

FINLAND: Radio Finland 11945 n/d ltr. w/ schedule in 29 ds. (Archer).

GALAPAGOS ISLANDS: La Voz de Galapagos 4810.2 p/d "Native Animals" cd. in 37 ds. for a SP rpt. v/s Padre Victor Maldonado. (Archer).

GERMANY, FEDERAL REP. OF: Sueddeutscher Rundfunk 6030 f/d cd. in 67 ds. for 1 IRC. (Paszkiwicz-WI).

GHANA: GBC 4915 f/d cd. w/ schedule in 38 ds. for 2 IRCs. (Smith-NY).

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Media 730 K.Hz. 411 Metros

Corta 4875 K.Hz. 61.54 Metros

Cajon Postal 1408. En su Sintonia Desde el 15 de diciembre de 1949

Teléfono 350539


LA PAZ


SEÑALA EL CAMINO DE LA VERDAD

Note: Received a very nice letter with photograph from Harold Levison in Philadelphia. He is 76 years young and a retired railroad mechanic. He has been listening to SW broadcasts since the 1930s. The photo was a display of some of his old QSL cards dating back to the 30s. They were all tossed out when he returned from the military in 1946. Among them are the following: La Voz de la Philco, YV2RC, XEWB, COGF, CT4AA, VPD, 3TR, TGW, HAT, HRN, HRD, HJ1ABP, HIX, COCN, COCH, COKG, HL5N, COJK, and others. Quite a collection. I have sent your photo to the Committee to Preserve Radio Verifications....Thank you Harold...Sam.



GREECE: Voice of Greece 7430 f/d "Olimpia" cd. in 3 mo. (Rubin).
GRENADA: Radio Free Grenada 15045 p/d ltr. in 5 yrs. v/s George Grant. (Bryant-OK). same in 3 wks. for US \$1.00. (Swaringen). f/d prepared cd. in 2 1/2 mo. for US \$1.00. (Palmerheim-MM).
GUAM: KSDA 11965 f/d cd. in 36 ds. for ms. v/s Kathy Pflugrad. (Paszkwicz)
HAWAII: WVNH f/d "Aloha" cd. in 14 ds. (Willis).
HOLLAND: Radio Nederland 6020 f/d cd. in 37 ds. (Topoleski). 13770 via Flevo f/d cd. of "Official Opening of the RN transmitter Park by H.R.H. Prince Claus" in 24 ds. (Rubin).
HONDURAS: La Voz Evangelica 4820 p/d cd. w/ ltr. in 2 1/2 mo. w/ pennant. (Eckert). La Voz de la Mosquitia 4910 n/d personal ltr. w/ pennant in 2 1/2 mo. v/s Larry Sexton. (Eckert-PA).
HONG KONG: BBC East Asia Relay 15435 n/d cd. via London (rpt. sent to H.K.) (Palmerheim). 7160 p/d "Dragon Boat" cd. in 22 ds. v/s Philip Sandell. (Davis-NM).
ICELAND: ISBS 9986 f/d cd. in 2 mo. w/ schedule. (Barto).
INDIA: AIR Kurseong 3355 f/d cd. in * 62 ds. for 1 IRC. v/s H.O. Agrawal. (Schmitz). AIR 11620 via Delhi f/d "Laxman Jhoola Bridge" cd. in 1 mo. (Eckert). same cd. for 11860 via Delhi and 15335 via Madras in 6 wks. (Barto). AIR 4800 via Hyderabad same cd. in 33 ds. (Archer). * AIR Guwahati 3235 personal ltr. direct from station in 299 ds. for 1 IRC. v/s N.C. Jain, Assistant

SUPERPOWER
KUSW  **RADIO**
WORLDWIDE



FROM THE WEST TO THE WORLD!
Salt Lake City, Utah - United States of America
 via D'Angelo and Edwards

Station Engineer. (Schmitz-FRG).
 * JAPAN: NHK Tokyo 3607.5 p/d cd. in 48 ds. for 2 IRCs. (Allen-OK).
JAVA: RRI Yogyakarta 5047 f/d "Logo" cd. in 120 ds. for 1 IRC. (Schmitz).
RRI Surakarta 4932 p/d cd. in 1 mo. for ms. v/s Ton Martono. (Allen).
KENYA: Voice of Kenya 6100 f/d ltr. in 33 ds. for 2 IRCs. (Archer).
KAZAKHSTAN SSR: Radio Moscow 9610 via Alma Ata cd. w/ no site (site per RDI) in 67 ds. (Archer).
KIRGHIZ SSR: Radio Moscow 15140 via Frunze f/d cd. in 7 wks. after a f/up
KOREA, REP. OF: Radio Korea 15575 f/d "Olympic Site" cd. in 22 ds. w/ 2 different pennants. (Willis). f/d "Cycling Race" cd. in 65 ds. (Rubin). cd. in 42 ds. (Rugg-QUE).
LAOS: Lao National Radio 6130 f/d cd. in 2 1/2 mo. for a FR rpt. and US \$1.00. (Palmerheim).
LATVIAN SSR: Latvian Radio 5935 f/d * "Riga Opera House" cd. in 27 wks. for an RS rpt. and 1 IRC. v/s Lena Bojanszeda. (Swaringen).
LESOTHO: Radio Lesotho 4800 f/d cd. * in 64 ds. for 4 IRCs. (Michalanka). Hi Hank - long time!!!...Sam. f/d cd. after 7 yrs. of rpts. for 2 IRCs. (Archer). f/d "Flag" cd. in 1 mo. for US \$1.00 (Orcutt-CA).



VERIFICATION SIGNERS: Radio Candip 5066 Michel Dezfosse. La Voz de la Selva 4825 Dulce Nombre Padilla. FEBA 17875 Pearl Metcalfe, QSL Secretary. Radio Abidjan 9620 G. Tchimou. Radio Impacto 6150 Sandra Monge Jara. Royal Observatory Hong Kong 8539 H.M. Chow. FRCN Ibadan 6050 Mrs. Bisi Kasumu, Secretary. Radio Liberal 3325 Carlos Antonio Dorosario. Radio Madre de Dios 4950 Javier Aniz, Director....via PLAY-DX.

LIBERIA: VOA Monrovia 3990 f/d cd. in 25 ds.(Rugg).

MALI: Radio TV Malienne 4783 and 4835 f/d cd. in FR in 5 wks. for a FR rpt.(Barto). 4783 p/d cd. in 34 ds. for a FR rpt. and ms.(Willis). Radio Beijing 9770 via Bamako f/d cd. in 18 ds.(Topoleski-PA).

MANCHURIA: CPBS 4850

f/d cd. in 25 ds. for ms.

(Rippel). Heilongjiang PBS 4840 p/d cd. in 19 ds. via Beijing.(Paszkievicz).

MEXICO: XEPPM Radio Education 6185 f/d ltr. w/

photo in 5 mo. for US \$1.00.

v/s Ing. Gustavo Carreno L., Sub. Director Tecnico.(Palmerstein). same in 259 ds. for a SP rpt., tape and ms.(Kashiwabara-CA).

MONACO: TWR 7105 f/d "Globe" cd. in 23

ds. w/ pennant and schedule.(Macharg).

NEW BRITAIN: Radio East New Britain 3385 p/d

personal ltr. in 27 ds. for ms. v/s A.L. Rumina, Manager.(Van Horn). f/d ltr. in 3 wks for 1 IRC.(Swaringen-NC).

NEW CALEDONIA: RFO Noumea 3355 n/d cd. in 57 ds. for a FR rpt.(Rippel-VA).

NEWFOUNDLAND: CK2N 6160 f/d folder cd.(Robinson).

NIGER: La Voix du Sahel 5020 f/d ltr. in 49 ds. for a FR rpt. and 2 IRCs. v/s Yacouba Alwali.(Willis). f/d ltr. in 22 ds. for ms.(Rugg-QUE).

OMAN: Radio Oman 9735 f/d cd. in 2 mo. for 2 IRCs.(Paszkievicz) 15385 f/d m/c cd. in 2 mo.(Barto). 9735 and 15385 f/d cd. in 80 ds.(D'Angelo-PA).

PAKISTAN: Radio Pakistan 11570 f/d cd. in 1 mo.(Willis). 11615 f/d cd. w/ ltr. in 23 ds. for ms.(Rugg).

PLEASE NOTE: Your Editor received a letter from the clandestine station Radio Voice of the Communist Party of Iran. They are presently soliciting recommendations for changes in their operating frequencies. If you have any requests, please write to: O.I.S., Technical Manager, Box 50040, 104 05 Stockholm, Sweden or BM, Box 3004, London WC1N 3XX, U.K.

PAPUA NEW GUINEA: Radio Guli

3245 p/d ltr. in 18 ds. for ms. v/s Timothy Akia, Senior Broadcasting Officer.(Allen). p/d ltr. in 81 ds. for ms.(Davis) n/d long ltr. in 67 ds. v/s Daniel Mailau, Acting Manager.(Rippel-VA).

Radio GUATAPURI
 1.140 KC. ONDALARGA
 4.915 ONDA CORTA
 5 MC
 60M
 10 KW.
 LAPRIMERA EMISORA DELCESAR

via R. Archer

PERU: La Voz de la Selva 4825 p/d ltr. in 67 ds. for a SP rpt. v/s Dulce Nombre Padilla. (D'Angelo-PA). same in 60 ds. for a SP rpt. and 3 IRCs. (Topoleski). Radio Moderna 4299.3 f/d paper cd. in 3 mo. for a SP rpt. v/s Gregorio * Sanchez Junio. (Barto). Estacion "C" 6324 cd. w/ personal ltr. in 62 ds. for a SP rpt. and 2 IRCs. v/s Roquimer Centurion Tapia. (Schmitz). Radio Huancayo 5955 f/d prepared cd. w/ p/d ltr. in 1 mo. for a SP rpt. and ms. v/s Ana Maria C.R. (Palmerheim). Radio del Pacifico 9675 f/d ltr. in 25 ds. for a SP rpt. and ms. v/s J. Petronio Allauca. (Rugg).

PHILIPPINES: RVA 9645 and 7190 f/d cd. In 1 mo. v/s Ms. Cleofe R. Labindao. (Barto).

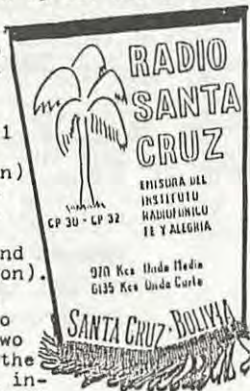


QATAR: QBS 9585.4 f/d large m/c cd. w/ schedule in 2 mo. (Barto). p/d cd. w/ form ltr. in 43 ds. for 1 IRC. (Willis-KY).

ROMANIA: Radio Bucharest 9690 f/d. cd. in 3 mo. (Rubin)

SAIPAN: KFBS 11980 f/d cd. in 1 mo. for ms. (Paszkiwicz). Station requires a request for a "response card" if you want a QSL. (Michalenska).

SENEGAL: ORTS 4890 f/d cd. in 72 ds. for a FR rpt. and ms. (D'Angelo). cd. in 24 ds. for a FR rpt. (Robinson).



Notes: John Eckert reports that he sent a report to Medi-Un 4 months ago. Two months ago he received the same package back - all intact even with the US \$1.00 still in it. French stamp said "Refused at Customs-Morocco". I repackaged the whole thing and sent it to the Paris address. I finally got my answer. Kent Willis in KY says that he is back in the QSL game after 8 years of inactivity. He sent his last report in December of 1979! Also received nice letters from Sheryl Paszkiewicz, Ed Church and Gerry Bishop. Also thanks for the Info Dr. DX. Column makes for great reading...Sam, Sheryl, thanks for the USSR transmitter site list. It is appreciated...Sam, Harold Cones is still trying to figure out if there is really a Sierra Leone or a Guinea. Your not the only one who is wondering about this. Also received a very nice letter from Kirk Allen in OK. His recent QSL from Tibet is V/C 169 and H/C 200!



SICILY: RAI 7175 via Caltanissetta f/d "Santa Teresa" cd. in 81 ds. for US \$1.00 (returned!) (Allen). Radiodue 7175 f/d cd. in 81 ds. (Paszkiwicz).
SINGAPORE: BBC 9740 n/d cd. in 60 ds. for 3 IRCs. (Michalenska).
SOUTH AFRICA: Radio Oranje 3215 f/d "Zebras" cd. in 18 ds. (Rugg). Radio RSA 9580 same cd. w/ sticker in 18 ds. (Levison). 15230 cd. in 25 ds. (Levison)
SPAIN: REE 9630 f/d "Centennial America" cd. in 52 ds. (Rubin-NY).

SULAWESI: RRI Manado 3215 f/d prepared cd. in 24 ds. for an IN rpt. v/s Drs. Sonny H. Kasenda. (Bryant) Are you really going to send them your first grandchild? Hi!..Sam.

SUMATRA: RRI Medan 4765 f/d "Logo" cd. w/ sticker in 29 ds. for 1 IRC v/s Siam Abdoerrahman, Head of Station. (Schmitz). RRI Tanjung Pinang 3225 f/d prepared cd. in 23 ds. for an IN rpt. (Bryant). RRI Banda Aceh 4954.7 f/d prepared cd. w/ personal ltr. in 21 ds. for an IN rpt. v/s S.H. Rosakim. (Bryant).

Falkland Islands Broadcasting Station

QSL This is Roland Archer's prepared f/d card. Excellent job!

To: Rowland Archer

This is to confirm your reception of my transmission on Oct 10/79 10, 1979

from 0824 to 0903 GMT on a frequency of 3958 kHz and with a power of 350w

STATION MANAGER
 RFB5 (SSVC)
 BRIDGE HOUSE, NORTH WHARF RD
 PALDINGDON W2 1LA

Signature: [Signature] Seal

SWAZILAND: Swazi Radio 4980 f/d cd. in 240 ds. for 3 IRCs. v/s Bill Cookson, Chief Engineer. (Archer).

SWEDEN: RSI 9695 via Horby f/d "Stockholm in May" cd. in 14 ds. w/ schedule and sticker. v/s Claude Stephenson. (Topoleski-PA).

SWITZERLAND: Swiss Radio International 6135 f/d cd. in 27 ds. (Topoleski). Radio Beijing 3985 via SRI f/d cd. w/ site in 17 ds. (Buer-FL).

TAIWAN: Voice of Free China 9955 p/d "Pavillion" cd. in 36 ds. w/ schedule. (Willis).

TANGIER: RTVM 1920, 15330 and 15335 f/d cds. in 3 mo. for a FR rpt. v/s Tanane M'Hammed Jamal Eddine. Also QSLed Azilal on 209 khz. (Barto).

TIMOR: RRI Dili 3306 f/d prepared cd. w/ personal ltr. in 26 ds. for an IN rpt. and ms. v/s Paul J. Amalo. (Allen). RRI Kupang 3385 f/d prepared cd. w/ personal ltr. in 20 ds. for an IN rpt. and US \$1.00. v/s Daud Jusuf Maro. (Orcutt-CA).

Q. S. L.

Nous avons le plaisir de vous
confirmer l'exactitude de votre rapport
reçue du 03 Dec. 81 aux 0830 Hrs
à 23:01 à 23:53 heures GMT
dont nous vous remercions.

M^r Richard A. D'Angelo
2216 Buckley Drive
Wilmington, PA 19810
U.S.A.

OFFICE DE RADIODIFFUSION
TELEVISION DU SENEGAL - O.R.T.S.
B.P. 1788 - DAKAR

CH. 12 INTER SENEGAL I 1785 kHz - 128.5 72.5 kHz - 122.5 415 kHz - 415 kHz - 1225 kHz - 20.5	CH. 12 INT SENEGAL II 7170 kHz - 108.5 6195 kHz - 128.5 785 kHz - 208.5	SENEGAL III 1387 kHz - 32.5 6415 - R. P. 218 SAINT-LOUIS	SENEGAL IV 3078 kHz - 4.5 3210 kHz - 28.5 3222 kHz - 28.5 6115 - R. P. 128 ZIGUINCHOR	SENEGAL V 1785 kHz - 4.5 6415 - R. P. 218 KAOLACK	SENEGAL VI 6845 kHz - 4.5 3210 kHz - 28.5 3215 - R. P. 118 TAMBACOUNDA
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Verification card
From Radio Oman
SULTANATE OF OMAN

Radio Oman
Ministry of Information
PO Box 602, Muscat
Sultanate of Oman

Dear Richard A. D'Angelo
Thank you for your reception report and we are pleased to confirm the transmission of Radio Oman

in Wilmington, U.S.A.
on the frequency of 15335 kHz.
at 19:57 - 20:53 hrs (GMT)
on 12/03/81
transmitted from TIMOR.

Your further reports as well as comments on our programs will be much appreciated.

With best wishes from Radio Oman.

Sincerely yours,
(Signature)

RASHID HAGOON
HEAD OF RADIO OMAN
P.O. BOX 988 MUSCAT
SULTANATE OF OMAN

F/d cd. in 1 mo. (Allen-OK). f/d cd. in 39 ds. (Levison). same cd. in 23 ds. for ms. v/s John Florence, News Director. (Brouillette). 15225 and 17715 f/d cd. w/ questionnaire in 33 ds. (D'Angelo). 15225 p/d cd. in 37 ds. (Paszkievicz). f/d cd. in 37 ds. (Leite). WCSN 9465 and 9815 cd. w/ ltr. in 5 wks. (Barto). WWV 5000 f/d cd. in 7 ds. (Willis). WRNO 15420

TUNISIA: Telediffusion Tunisienne 7225 and 12005 p/d form ltr. in 225 ds. for 2 IRCs. (D'Angelo-PA).

TURKEY: Voice of Turkey 9445 f/d cd. w/ sticker and pennant in 84 ds. (Levison). same w/ pennant in 3 mo. (Eck-UKRAINIAN SSR: Radio Kiev ert-PA).

11790 f/d cd. in 60 ds. (Levison). 6200 f/d "Kiev Monument - 1853" cd. in 104 ds. (Rubin). Radio Moscow 7310 via Ivano-Frankovsk f/d "Byelorussian Railway Terminus" cd. in 71 ds. (Archer). 5940 via Lvov f/d "Lenin Library" cd. in 87 ds. (Archer). 11850 via Vinnitsa f/d cd. in 87 ds. (Harms-FRG). 15475 f/d "Dzerzhinsky Square" cd. in 49 ds. (Archer). 5910 via Simferopol f/d cd. in 87 ds. (Archer).

USA: KVOH 17775 f/d cd. in 21 ds. for ms. v/s John D. Tayloe. (Rugg). AFRTS 6030 f/d cd. in 42 ds. w/ schedules. (Rubin-NY). Voice of the OAS 15160 via VOA Bethany p/d cd. in 8 ds. for ms. Sticker rcvd. along w/ sheet w/ flags of OAS member states. (Davis-NM). KUSW 9755 f/d "Mountain Scenery" cd. in 21 ds. for ms. (Van Horn). f/d cd. in 61 ds. w/ sticker. (MacHarg). 11680

in 23 ds. (Levison). same cd. in 23 ds. for ms. v/s John Florence, News Director. (Brouillette). 15225 and 17715 f/d cd. w/ questionnaire in 33 ds. (D'Angelo). 15225 p/d cd. in 37 ds. (Paszkievicz). f/d cd. in 37 ds. (Leite). WCSN 9465 and 9815 cd. w/ ltr. in 5 wks. (Barto). WWV 5000 f/d cd. in 7 ds. (Willis). WRNO 15420 f/d "Satelite" cd. in 18 ds. (Rubin). WINE 15185 f/d cd. in 1 mo. w/ schedule. (Topoleski-PA). Voice of Free China 5985 via WYFR f/d "Dragon Boat Race" cd. in 1 mo. (Rubin) 7355 p/d "Chinese Lunar Customs" cd. in 2 mo. (Rubin). 13695 f/d cd. in 47 ds. (Rubin)

USSR: Radio Moscow 5915, 6000, 7115, 7310 and 7150 cd. in 59 ds. w/ schedule. (Topoleski).
* You should also, when reporting to the RWWS, ask them for their transmitter sites..Sam.

CARTE POSTALE - QSL

Merci pour le plaisir de votre visite
rapport d'écoute du 19.12.81
sur 2140 heures GMT à 22.00
Notre émission dure 1 heure GMT

Lundi 06h à 10h 14h à 20h
Mardi _____
Mercredi _____
Jeudi _____
Vendredi 06h à 10h 14h à 20h
Samedi 06h à 10h 14h à 20h
Dimanche 07h à 20h



Samuel L. Barts
47, Haywood place
Bristol, Connecticut
06040
U.S.A.

FREQUENCES HORAIRES	LANGUES EMPLOYEES
1515 kHz 06h à 20h 1515 kHz 14h à 20h 1440 1225 kHz 08h à 12h 1615 kHz 14h à 20h	Francis Anglais Arabe et Langues nationales Vernaculaires

RADIO MODERNA

CERTIFICADO DE SINTONIA

EXTENDIDO A:

SAMUEL L. BARTO

PROGRAMAS EN ESPAÑOL

Transmitimos en 4 300 KHz. por 65 m. onda corta internacional.

De acuerdo al informe de fecha: 25 de Septiembre de 1987.

En el horario de 20.25 a 20.37 hora local.

Potencia: 150 vatios.



Hemos comprobado sus detalles de recepción, y confirmamos que la emisora sintonizada es la nuestra.

[Signature]
Director

VANUATU: Radio Vanuatu
7260 f/d "Slit Gong"
cd. w/ personal ltr.
in 165 ds. for a FR
rpt., tape and 3 IRCs.
v/s Peter Morrison.
(Archer-NC).

VATICAN: Radio Vatican
9605 p/d cd. in 94 ds.
for a taped rpt. and
2 IRCs. (Burns). 6185
f/d "Media Personnel"
cd. in 35 ds. for 1
IRC. (Brouillette-IL).
15120 f/d "Ceremony in
St. Peters Square" cd.
in 76 ds. (Rubin).

VENEZUELA: La Voz de Cara-
boho 4780.2 f/d cd. w/
v/s Jairo Salazar R.

personal ltr. in 68 ds. for a SP rpt. and 2 IRCs. Sticker was rcvd. (Archer-NC).

VIETNAM: Voice of Vietnam 10040 f/d cd. in 426 ds. w/ pennant and station photographs. (Eckert-PA).

WEST IRIAN: RRI Merauke 3905 f/d prepared cd. w/ personal ltr. in 26 ds. * for an IN rpt. v/s Eko Budi Sutoyo. Card was a photo of Tribal Dancing-outa sight! (Bryant)...Got your plane ticket yet?...Sam.

YUGOSLAVIA: Radio Yugoslavia 9620 f/d "Nerezi Monastery" cd. in 104 ds. This QSL took only 12 years::: (Willis-KY).

ZAMBIA: Radio Zambia 4911 f/d B&W cd. in 25 ds. after 3 f/up rpts. v/s W. Lukozu. (Van Horn-FL).

ZIMBABWE: Zimbabwe Broadcasting Corporation 3396 extra large "Map" cd. in 26 ds. for SASE. (Archer).

Notes: Father John Eckert is taking a 10 day trip to Israel. He plans to take a small portable receiver with him to tape several of the stations in Lebanon and Jordan. Kirk Allen says DXing this spring may be better than the spring of 83. I agree Kirk. One of our new reporters, Donna Robinson is also a member of CADX (Chicago Area DX Club). Thanks for the letter and for the list of Soviet transmitter sites...Sam. Received a letter from old friend Hank Michalenska in RI. He has just QSLed his first station in 11 years: Very happy to have you back with us Hank,..Sam.

RADIO GRENADA

FREQUENCY 535 KHZ 20600 WATTS
ST. GEORGE'S, GRENADA, WI

CABLE ADDRESS
BROADCASTERS
GRENADA, WI.

22, December 1987.

P. O. Box 34
Phone 3031, 2446, 2494

Mr. Jacob Kadir,
19608 Jerome, Apt 289,
Roseville, Michigan 48066,
U.S.A.

Hi Jacob,

Radio Grenada is not on Short Wave at this time, but in view of the many requests being received, I hope someday to return to that mode of transmission.

The verifications which you have seen are definitely for past reception reports. Word apparently got out that since the beginning of my tenure as Manager of the station, I have been responding to verification requests. We therefore are flooded with requests from people who had written to the Station for years without receiving any response.

As far as receiving any new equipment is concerned, I haven't heard that story until now.

With every good wish,

[Signature]
George Grant
Manager
Radio Grenada.

Thats about for another month. I can't believe we typed 11 pages. I'd swear this is a first. I hope after all those shorter QSL Columns, Bill can find it in his heart to print 8 pages this month. Hi!

Till next time...73s

[Signature]



FRIENDX LOG REPORTERS

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

Rowland ARCHER, Raleigh, NC. (NRD515); Richard ARLAND, Shavertown, PA. (FRG8800); Norman BOBB, Minneapolis, MN. (R1000); Paul BROUILLETTE, Hoffman Estates, IL. (R71A); Kenneth COBB, Portland, ME. (R71A); Richard D'ANGELO, Wyomissing, PA. (R70); Peter DILLON, GREECE, (DX400); Richard ECKMAN, San Jose, CA. (RF4900); Gordon EDWARDS, Springboro, OH. (ICF2010); Jim FEELEY, Norcross, GA. (R2000); Karl FORTH, Chicago, IL. (R70); Arthur HANKINS, Greensburgh, PA. (R1000); Harry HELMS, San Diego, CA. (?); Gregory JORDAN, Winston-Salem, NC. (R2000); Rufus JORDAN, Pittsburg, PA. (DX302); Neal KRASNOFF, New Hyde Park, NY. (R2000); Bill KRAUSE, Spokane, WA. (?); Tom LASKOWSKI, West Lafayette, IN. (ICF2001); Harold LEVISON, Philadelphia, PA. (R70); David MORBY, Clifton Park, NY. (R71A); Sheryl PASZKIEWICZ, Manitowoc, WI. (NRD515); Jim RENFREW, Rochester, NY. (ICF2001); Wally RHYNE, Gastonia, NC. (R71A); Andy RUGG, Nuns Island, Quebec CANADA (R71A); Daniel SAMPSON, Black River Falls, WI. (R1000); Mitch SAMS, Wichita, KS. (FRG7); Wayne SCHANKE, Kiel, WI. (R2000); Raymond SLACT, ARUBA W. INDIES, (FRG8800); John TOPOLESKI, Philadelphia, PA. (RF2900); John TUCHSCHERER, Neenah, WI. (FRG7700); Steven WALLEY, Moreno Valley, CA. (ICF2010).

Here we are at the end of another month's worth of loggings my friends, our thanks to one and all who have taken the time to submit their logs of what they are hearing, either to this column or directly to the Editors. We never have too many loggings that's for sure.

I'm afraid that its once again time to remind our contributors that in order for their loggings to be usefull to this publication, they must be readable, if I can't read them, I do not pass them along to the Editors. If the Editors are unable to read them, they certaily do not use them. PLEASE, take the time to either PRINT or TYPE your log entries, if you are lucky enough to have a Computer and Printer available, why not use it to print up your log sheets. No matter what manner in which you draw up your loggings, once they are done, PLEASE take a few extra minutes to cut them up into reasonable sized strips and if you please, why not sort them into frequency order or in bundles for each of the four columns, it sure would make things around here a lot easier. I know, some of you out there are saying, "I thought that was Henault's job", well in a way you are right, but when I have anywhere from 25 to 40 envelopes arriving here, and over a third of them have to be cut into strips and then sorted into proper order, it gets to be a tad too much, especially when some individuals send in two or three envelopes per month and each envelope has anywhere from 3 to 5 pages of log sheets in it. Its enough to drive one to drink and I don't mean coffee hihi. So PLEASE, take that few extra minutes to make sure your loggings are neat and cut into useable strips. If you feel like helping me out by sorting them for each column fine, that part is my job without question and I have no problems with that end of it.

One last thing for this month. New and Older members alike are forever asking me to make decisions for them in what receiver or antenna to use to get better reception and better DX. Well my friends, I always try to answer each and every question put to me by a member, however I have no idea sitting here, as to what your financial means are, how much land or open space you have to erect antenna's, from which area of the globe you wish to do your DXing and a lot of other things that play an all important part in the overall scheme of things when it comes to chasing the Shortwave Broadcast Signals of the World. If you need help, don't hesitate to write me and ask, but please give me some information that will help me make a reasonable decision and for heavens sake please don't take my word as Gospel. I don't know of too many SWL's out there who are not more than happy to get a new listener started or help another listener out as far as making recommendations for their listening enjoyment.

That is all I have room for this month folks, so till next month:

Best Regards John



LOG REPORT

section A

2000 to 4899 kHz

Editor: Mike Harris, P.O. Box 264, Grove City, OH 43123


- 2410 PAPUA NEW GUINEA. R. Enga. 1133-1214. Island mx. best PNG opening ever w/all PNG's audible--why doesnt anyone ever call me when this happens(ed????). (15/2 Archer-NC)
- 3220 PAPUA NEW GUINEA. R. Morobe. 1214-1233. Island mx, vocals, many monts. of PNG. (15/2 Archer-NC)
- 3245 PAPUA NEW GUINEA. R. Gulf. 1152-1210. Same as previous 2 loggings w/ OM anncr. (27/2 Archer-NC)
- 3250 HONDURAS. R. Luz y Vida. 0358-0407. End of EE pgm, full ID and S/off by NAGWA's own Don Moore. (15/2 D'Angelo-PA)
- 3280 ECUADOR. LV Del Napo. 0237-0249. Ballad, flute mx, short religious talk then off. (20/2 Tuchscherer-WI)
- 3290 TRISTAN DA CUNHA. Foreign Svc. Announcing a new broadcast schedule with programmes directed only to South Florida during summer time at 1800 UTC.--You've got to be Sharp to hear this one folks, try an 11 metre CB boom-Ed. April Fools, hi!!
- 3300 GUATEMALA. R. Cultural. 0430. Music, ID. (22/2 Walley-CA)
- 3325 BRASIL. R. Liberal. 0457-0520. Choral mx. (7/2 Paszkiewicz-WI)--Ive your "Tomato Town" mug and shirt Sheryl, will send it back with Gerry in April!!
- 3360 GUATEMALA. LV de Nahuala. 0145-0230. OM talka, mx. (3/2 Jordan-PA)
- 3366 GHANA. GBC. 0635. Pop mx, EE talk's. (15/2 D'Angelo-PA)
- 3385 PAPUA NEW GUINEA. R. East New Britain. 1149-1240. Mix of vocals and talk to 1200 then ID and more talk. (15/2 D'Angelo-PA)
- 3395 PAPUA NEW GUINEA. R. Eastern Highlands. 1303-1330. Choral mx, some EE talk. (14/2 D'Angelo-PA)
- 3465 PERU. R. Reina de la Selva. 0319-0412. With LA songs, closes with National Anthem, heard several nites. (22/2 Tuchscherer-WI)
- 3625 SPAIN. REE. 0030. EE. Heard many ID's. Not listed in WRTH or PWR. Talk about a U.S. Station. (15/2 Rubin-NY)
- 3799 INDONESIA. RRI Gorontalo. 1300. Song of the Coconut Isles just before Jakarta news at 1300. (5/3 Sams-KS)
- 3915 SINGAPORE. BBC Relay. Soccer match at 1547. (20/2 Helms-CA)
- 3945 BALI. RRI Denpasar. 1300-1320. Thanks to Bryant and Allen tips, heard Jakarta relay then local pgm. (22/2 Sams-KS)
- 4086 INDONESIA. RPDT2. 1328. YL in IN. (23/2 Sams-KS)
- 4460 PERU. R. Norandina. 0348-0430. Music and sparse anmts. (16/2 Jones-MS)
- 4472 BOLIVIA. R. Movima. 1030. ID, short choral jingle. (13/2 Jones-MS)
- 4588 ARGENTINA. R. Rivadavia. 2330-2345. USB Feeder. Many ID's and slogans with ad's. (4/3 Renfrew-NY)
- 4607 INDONESIA. RRI Serui. 1225-1230. Short ID anmt and then burried in TV set QRM--anyone want a local oscillator?(27/2 Archer-NC)
- 4649 BOLIVIA. R. Santa Ana. 0026. YL w/ SS tx, taped ID w/echo effect, ballads. (22/2 Laves-TX)
- 4680 ECUADOR. R. Nacional Espejo. 0352. Drama or Soap Opera pgm, ID and freq anmt. (23/2 Jones-MS); @ 0135-0210 with lively talk, then mx and more lively talk. (23/2 Jordan-PA); @ 0335 w/ anmts, ad's, frequent ID's and music. (20/2 Rhyne-NC); @ 0234 w/ a carbon copy of the previous log. (20/2 Topoleski)--whew, I think it goes without saying that R. Nacional Espejo was widely heard last month, hi--Ed.

- 4719 CELEBES. RRI Ujung Pandang. 1430-1445. News by YL anner, ID and a
now pgm at 1445. (19/2 Krause)
- 4755 HONDURAS. Sani Radio HRRRI. 0005-0045. U.S. Rock music. ' Programa
de la genta joven". (5/3 Topoleski)
- 4755 PERU. R. Huanta 2000. 1101-1124. Nice folk music, ID's, OM DJ. Some
talk seemed non-latino. (15/2 Archer-NC)
- 4770 NIGERIA. FRCN Kaduna. 0518. EE commentary on reforms in Nigerian
agricultural bureaucracy, ID. (9/3 Bryant-GA); @ 0513 with "News
Nationwide" pgm and drum mx. (22/2 Coursey-TX)
- 4770 VENEZUELA. R. Mundial Bolivar. 0158. TC at 0159 then a pgm of
Portugese mx. (22/2 Laves-TX); @ 0030 w/ interview. (21/2 Rhyne-NY)
- 4774 JAVA. RRI Jakarta. 1442-1510. Native music. (3/3 Krause)
- 4775 AFGHANISTAN(?). R. Kabul. 0140-0230. Presumed in Pushto or Dari.
YL at 0203 w/ ID. (8/2 Archer-NC)
- 4777 PAKISTAN. RP. 1330. Urdu. ID. (26/2 Sams-KS)
- 4780 VENEZUELA. LV de Carabobo. 0011. Romantic mx, ID. (9/3 Bryant-GA)
- 4783 MALI. RTVM. 0605. FF. Flute mx w/chanting, many background rooster
sounds and assorted animal sounds. (9/3 Bryant-GA)
- 4790 PAKISTAN. RP. 1250-1300. Koran recitations, ID. (13/2 Paszkiewicz-WI)
- 4795 ECUADOR. LV de los Caras. 0225. Music and ID. (23/2 Rhyne-NC)
- 4800 GUATEMALA. R. Buenas Nuevas. 0037. Guitar music, ID. (17/2 Jones-MS)
- 4800 LESOTHO. RL. Gospel chorals and ID. (9/3 Bryant-GA); @ 0355 w/ talk
and interview pgm. (25/2 Laskowski-IN)
- 4815 BURKINA FASO. RTVB. FF. Drums, ID, NA. (8/3 Bryant-GA); @ 0700 w/
drum music and talk. (27/2 Obijo-DOMINICAN REPUBLIC)
- 4820 HONDURAS. LV Evangelica. 0440. Pgm about U.N. Environmental Policy
then a family pgm. (22/2 Walley-CA)
- 4835 SARAWAK. R. Malaysia-Kuching. 1430-1500. Malay. Several ID's. Talk
about economy and the region. (4/3 Krause)
- 4835 PERU. R. Maranon. 1100-1127. OA anthem followed by S/on anmt, then
vocals and TC's. (15/2 D'Angelo-PA)
- 4850 CAMEROON. RC-Yaounde. 0515. "Music at Dawn". (22/2 Courtney-TX)
- 4850 VENEZUELA. R. Capital. 0608-0645. US/LA Rock tunes, few anmts,
ID's and TC's. (13/2 Topoleski); @ 0412 w/ pop tunes and wx report
followed by more tunes. (3/3 Brouillette-QUEBEC)
- 4860 INDIA. AIR Delhi. 1450-1500. EE. Talk abt Pakistan. (26/2 Krause)
- 4865 BOLIVIA. R. 16 de Marzo. 1012-1035. Mostly fiesta mx w/ ID and some
TC's. (20/2 Jones-MS)
- 4870 BENIN. ORTB. 0520-0545. OM talk w/choral interludes. (17/2 Jordan-PA)
- 4871 INDONESIA. RRI Wamena. 1210-1221. Love Ambon till 1221 when they
pulled the plug. According to "MINIPROP" this opening dries up with
in 30 days. (27/2 Archer-NC)
- 4885 COLOMBIA. Ondas del Meta. 2341. Ad's and frequent ID's, local news
and TC's. (18/2 Obijo-DOMINICAN REPUBLIC)
- 4890 PAPUA NEW GUINEA. R. Port Moresby. 1154-1222. Pop music, ID, and
interview pgm. (19/2 Arland-PA)
- 4890 SENEGAL. ORTS. 2317-0000. FF. Tribal music w/ short talks, ID
followed by drum music. (8/2 D'Angelo-PA); @ 2220 w/ arabic music
and commentary between songs. (23/2 Bryant-GA)
- 4895 BRASIL. R. Bare. 0728-0745. Music, talk, ID. (20/2 Rugg-QUEBEC)

NOTICE PLEASE

The following note was just received from overseas member
Werner E. Rutsch:

I will be touring the U.S. from mid-July to the end
of September 1988. Hobby friends interested in meeting
with me please contact me now. Werner E. Rutsch,
Haldenackerweg 28, CH-3065 Bolligen, Switzerland.



LOG REPORTS

section B

4900 to 6199 kHz

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

- 4900 ECUADOR R. Libertador, 0053 1-22, SP, hvy ute QRM, HC mx, ID (Slagt-ARUBA).
 4900 MEXICO R. Consentida, in SP 0620 2-18, USB, "Aqui R. Consentida" (Jones-MS).
 4904.5 CHAD N'djamena, 2244-2302* 2-20, Afr mx, FR talk, exc this date (Tuchscherer-WI);
 in FR with nx, denouncement of Khadafy, jammer, poor overall 0523 3-1 (Bryant-GA);
 0540-0605 2-24, FR talks, gal at 0550, group singing, horrendous QRM and buzz-saw
 QRM, and poor to extremely poor signal (Jordan).
 4910 ECUADOR Im.Gran Colombia, in SP at 0020 2-26, poor with ID, into SP mx (Coursey-TX).
 4910 HONDURAS La Voz de la Mosquitia, hrd 0016 2-23 in SP and Miskito, light LA mx
 (Feeley-GA); 0007-0033 on 2-23, pre-recorded relig.prgm, ID 0028, "La Hora de la
 Decision," anncr's voice had phone-line audio, but rest of prgm material normal
 (Brouillette); hrd 2-28 with end of relig.prgm at 0248, LA vocals with TC and brief
 amnts between selections. ID and s/off amnt at 0300, followed by lazy instrumental
 mx to 0303* carrier cut (D'Angelo-PA).
 4915 COLOMBIA Armonias del Caqueta, hrd 0050-0108 2-24 with campo mx, guitar and harp,
 vocals, chimes and clear ID at 0059 (Brouillette).
 4915 GHANA Accra, CBC at 2250 2-2, in EG with hillife mx, ID 2259, then into African lang
 (Feeley-GA); on 2-22 with tone at 0522, guitar mx opening 0526, man talking in lang,
 singing, EG ID 0530 with fqy, into lang; and 0600 2-24 with drums, pips, ID, then home
 nx (Coursey-TX); 0545-0615 2-24, marginally fair to poor signal in EG and vernace,
 vocals, talks, 15 min of domestic EG nx at 0600, local mx 0615 (Jordan).
 4920 AUSTRALIA Brisbane, at 1115-1205 on 2-21, poor signal with light mx to 1159, then
 fanfare and nx at 1200 (Rugg-QUE).
 4920 ECUADOR R. Quito, hrd 0040-0050 on 2-24, SP sports prgm with host doing phone interview
 about road racing, good signal (Brouillette); and at 0350-0423 on 1-14, LA popular
 mx, few amnts, ID 0418, "Transmite R. Quito, La Voz de la Capital," good signal
 (Topoleski).
 4930 TURKISH SSR Ashkabad at 0128-0200 2-8, instrumentals, Mayak IS, nx, vocals, 6 pips
 0200, RM ID; Ashkabad per sked (Paszkiwicz-WI).
 4932 INDONESIA RRI-Surakarta, hrd 1115-1209 on 2-18, good with soft-spoken gal DJ, man from
 1130 with many mentions of "lagu," mentions of Surakarta, site ID just before IS and
 1200 warta berita from Djakarta (Archer-CA); tent. them at 1320 3-6, poor, slight
 delay from //prgm on 4719 (Laves-TX); 1405 3-3, mx till 1420, a news prgm of some sort,
 then pops at 1435, definite ID (Krause-MN).
 4935 PERU R. Tropical, 0003 2-23 with ads for mercados, many mentions of Tarapoto and slogan
 as "Radio a tu gusto" (Brouillette); 0005 3-9 with spirited message about community
 pride, nearly every sentence mentioning "en Tarapoto" (Bryant-GA).
 4940 IVOHY COAST Abidjan, 2252 with clas.mx to 2330, then discussion by M&W, electronic
 notes 2357, nx, gal with s/off ID and then choral anthem, fair sig (D'Angelo-PA); hrd
 0639 3-24 with man talking in FR, ID 0700, drumming, //6015 (Coursey-TX).
 4945 COLOMBIA Caracol Neiva, long SP newscast at 0439 3-5, lots of datelines, cities
 mentioned, stories on Panama, US, Mexico; ID, ads, ID 0457, poor sig (Coursey-TX).
 4950 SARAWAK Kuching, 1348 3-4 with EZ lstng mx, gal anncr, pips 1400, ID (Krause-MN).
 4952.7 ANGOLA R. Nacional, Afro pops and ID by man, 0400 3-15, poor sig (Bryant-GA).
 4955 BRAZIL R. Marajoara, 2342 on 2-25, fair with religious prgm to 2359, then nx and mx,
 occasional IDs (Rugg-QUE); ballads 0015 2-7, talk, jingles, ID, vocals, mentions of
 Para (Paszkiwicz-WI); in PT 0055 2-21, pop mx, ID, ute QRM (Forth-IL).
 4955.5 INDONESIA RRI-Banda Aceh, very tent. grayline rcpn 2332-2350 2-28, M&W in Asian lang,
 SEA-type instrumentals, covered by Brazilian at 2350 (Sams).
 4957 MADAGASCAR Tananarive, 2-27 0315, gal with talk, regional mx, some ute QRM, last hrd
 on 4960 (Laskowski-IN).
 4965 BRAZIL R. Alvorada, mainly talk at 0906 3-3, nx 0959, mentions of Alvorada (Rugg-QUE).
 4965 BRAZIL R. Poti, "R. Poti, Natal" 0602 2-21, echo IDs, live from a party (Eckman-CA).
 4970 SABAH Tent. Kota Kinabalu, gal anncr at 1425 3-4, narration, man anncr and pop mx at
 1445, but very weak (Krause).
 4970 VENEZUELA R. Rumbos, 0020 2-23 with light mx, ID, off 0022 (Feeley-GA); vocals 0134
 on 2-22, several IDs by man (Coursey-TX).
 4975 COLOMBIA Ondas del Ortegua, 0010 2-24, many ads with hvy echo, nx, fast-paced anncr,
 couple of phoned-in reports (Brouillette).
 4975 TADZHIK SSR Dushanbe at 1305-1400 2-13, nx, instrumentals, talk, amnts, vocals, IS for
 RM 1st prgm at 1357 (Paszkiwicz-WI).
 4980 VENEZUELA Ecos del Torbee, 0133 on 2-22, TC, ID, male DJ with SP mx, very good sig

- (Coursey-TX); 0215-0305 2-13, pops, many TCs, good sig (Topolewski).
- 4985 BRAZIL H. Brasil Central, 0107 2-29, ID, carnival mx (Brouillette); mx 0846 2-29, fast talks, ID at 0900 ("R. Bra-zeel Central"), very low (Coursey-TX).
- 4990 PERU R. Ancaash, hrd 0926 2-27, here most nights with SP DJ and vocals, EG "Happy Birthday" song, hrd past 1000 (Coursey-TX).
- 4990 UNID. 1350-1400 2-27, Farai or Ak, chanting, weak; Iranian? (Krause-MM).
- 5004 EQUATORIAL GUINEA Bata with nice local mx, mentions of "Bata Litoral," R. Nacional ID at 2153, s/off anmt at 2157, orchestral MA 2158, gone 2200*, 2-6 (Archer-NC).
- 5005 SARAWAK Sibiu at 1403-1430 3-4, man anncr with nx, definite ID by female anncr at 1445, into Islamic chanting (Krause-MM).
- 5010 CAMEROON Garoua, *0424 2-27 in EG and FR, multi-lingual ID and s/on anmts, gave SW fgy, had orchestral NA, into Koran recitations, fair signal (D'Angelo-PA); EG nx 0510 3-9, mentions of Palestinian conflict, poor overall, het and ute (Bryant-GA); at 0431 2-22, Koran, very low under ute, ID 0452, EG ID 0501, nx (Coursey-TX).
- 5015 CLANDESTINE R. Truth in EG 0501, comments, mx, 0508*, poor sig (Rhyne-NC, 2-21).
- 5020 NIGER Niamey, two men 0603 2-24, one on phone, drums 0607, ID 0611, hvy ute QRM (Coursey-TX); good at 0639 3-3, YR nx, extensive correspondent rptng from Kabul, drum mx, children with choral mx (Harris-OH).
- 5020 SOLOMON IS. Honiara, 0700-0818 3-11, pops, nx, ads, local nx from RA, PNG mentioned, report on tides, ID 0800 (Robinson-IL); 0730 3-5 with nx, ID, poor sig and in QRM (Rhyne-NC); presumed them at 1004 3-6, poor carrying RA nx (Laves-TX); 1110-1134* 3-5, pops, reggae, TC, ID, NA at s/off, fading rapidly (Lucky Californians!) (Cobb-ME).
- 5025 CUBA R. Rebelde, really loud at 0130 2-22, big "Aqui R. Rebelde" ID (Coursey-TX); fair at 0210 2-10, nx by M&W, late 60's R&B mx, echo IDs, stn promos (Jordan).
- 5030 COSTA RICA R. Impacto, 2030 2-23, light mx, ID, nx, very strong (Feeley-GA); George Harrison mx 0121 2-22, male DJ, countdown-type show, disco-rock, ad for Banco de CH, jingles, ID, strong (Coursey-TX); 0512 on 3-9 with nx read by man and woman, ID, many stories about Nicaragua and Panama, excellent sig with buzz (Bryant-GA).
- 5040 UNID. Probably LV del Upano, Ecuador, 0108 2-22, talks, mx bridges, many mentions of Ecuador, hrd "La Voz" mentioned 0120, maybe said Upano but not sure, fair sig (Coursey-TX).
- 5040 GEORGIAN SSR Presumed Tbilisi but no local ID, in seeming RS 0340 2-6, swing and pop mx, including "Wake Me Up Before You Go-Go," a new level of Giamnost! Relay of Orbita at 0500, Moscow IDs (Archer-NC).
- 5040 VENEZUELA R. Maturin, 0340-0402*, nx bltns but badly distorted, ID 0356, NA, hrd 2-18 only (Tuchschere-WI).
- 5046 INDONESIA RRI-Jogjakarta, 1104-1140 2-19, Indo pops, C&W sound, gal anncr, RRI-Jogja ID at 1130, into EE nx to 1138, then back to pops; surprising choppy fade (Archer-NC).
- 5047 TOGO Lome presumed, in FR 0627 with man talking, fanfare, drums, electronic effects, long silence 0629, M&W talking 0630, but no ID; RTTY QRM, 2-24 (Coursey-TX).
- 5050 ECUADOR R. Jesus del Gran Poder, religious message 0020 3-9, very good, sounded like a PA system (Bryant-GA); 0052-0105* 3-2, man with sermon, full ID, apparent NA at 0105 s/off (Brouillette); soft instrumental mx at *1000 on 2-29, s/on ID, anmt by man, choral NA, into soft mx and religious talks, fair sig (D'Angelo-PA); bird noises 1008 2-28, man anncr, kids singing "Buenos Dias," echo anmts, mostly religious prgming (Coursey-TX).
- 5055 COSTA RICA TIFC, religious talk by man at 0108 2-22, ID, also at 0429 with EG by gal and SP by man, good signal (Coursey-TX); EG 0308-0402 2-22, religious preaching, some religious C&W mx (Arland-PA).
- 5055 FRENCH GUIANA Cayenne, 0241-0321 2-25, very good with variety mx prgm, TC 0259, then nx (Rugg-QUE); 0944 2-27, talk, FR mx, hrd several times (Coursey-TX).
- 5057 ALBANIA Gjrokastr, 0410-0430 3-1, very exotic mx with a few short anmts by a man, very good signal in Albanian (Brouillette).
- 5066 ZAIRE R. Candip, instrumentals 0438-0505 2-1, vernacular, talk, mentioned Zaire, Candip, played hlife mx (Paszkiewicz-WI).
- 5075 CHINA Urumqi hrd 2255-2317 on 2-7, spots like ads or PSAs, 5+1 pips at 2300, ID by gal, orchestral anthem, M&W talking alternately, fading by 2317, peaked 2300 (Archer-NC).
- 5095 COLOMBIA R. Sutatenza in SP with radioplay 0025 3-9, good sig (Bryant-GA); tent. them at 0105 2-22, M&W talking, mx, hvy CM QRM (Coursey-TX); 0249-0320 on 3-4, M&W anncrs, phonics lesson, nx abt El Salvador, ID 0310 (Robinson-IL); man talking at 0323 with mx interludes 2-25 (Arland-PA); and at 1032 2-29, "Cadena Sutatenza" IDs (Coursey-TX agn).
- 5286 TCHAD R. Moundou, *0500 2-27, very distorted, singing anthem, tentative ID by man, possible mention of Moundou, lots of indigenous African mx, all FR (Laskowski-IN).
- 5538.7 PERU R. Frecuencia Modular, 0146-0308 tune-out, LA songs, but lost to QRM, 2-24 (Tuchschere-WI).
- 5700 PERU R. Frecuencia San Ignacio, 0440-0501* 2-16, OA mx, vocals, positive of R. Frecuencia ID, pretty sure he followed with "San Ignacio," muy buenos noches and MA 0501 (Jones-MS).
- 5800 PERU R. Nuevo Cajamarca, 0147-0210* 2-18, mx, a flute ID at 0205, NA (Tuchschere-WI).
- 5825 PERU R. Comercial Cosmos, 0236-0302* 2-18, LA songs, some QRM, anthem 0301, ID at 0302 over the anthem (Tuchschere-WI).
- 5894 INDONESIA RRI-Pekanbaru, site presumed, 1210-1305 2-18, same Jakarta nx as Surakarta, gal anncr to 1230 with soft rock/pop, woodpecker QRM, ads or stn promo 1230, subcont-nx 1233, talk by two men, RRI IS, generic RRI ID 1300, warta berita (Archer-CA); hrd at

- 1250-1317 on 2-28 with talk, ID 1257, RRI IS, nx, mx (Paszkiewicz-WI).
- 5930 CZECHOSLAVAKIA Prague with EG 0132 2-9, tel.no. for questions, fair sig (Levison-PA).
- 5935 LATVIAN SSR R. Riga, 2100-2205 2-27, bell chimes, anthem, YL anncr, nice orchestral mx, long talk 2130-2155, clear ID, pop mx to 2200, ID, 5+1 pips, only LSB hrd(Archer-NC).
- 5950 GUYANA GBC, in EG 1004-1027 3-3, fair with nx and cntry, occasional IDs and ads, vanished abruptly 1027 (Rugg-QUE); nx 1005 2-24, religious prgm, M&W anncrs from "the studios of the Guyana B/Cing Corp," poor sig (Eckman-CA); nx read by woman 1010 on 2-18, ID 1015, ads, recently buried by WYFR (Morby-NY); gal with recap of nx in EG at 1012 2-13, fanfare, promo for nx, no clear ID but many mentions of Guyana; quickly disappeared into horrible het (Laves-TX).
- 5950 USA WYFR, religious open forum call-in show 0404-0435 2-23 (Arland-PA).
- 5955 COLOMBIA LV de los Centauros, 1028-1100 2-15, lively mix of LA vocals, IDs and TCs, "Buenos Dias Colombia" prgm, formal ID, ad string before 1100 nx; fair (D'Angelo-PA).
- 5965 GER RBI, EG 2145 2-8, nx (Topoleski).
- 5980 YUGOSLAVIA Belgrade, *2215 1-29 in EG, very strong with BBC-5975 QRM, nx about Balkan foreign minister conference, into FR at 2230 (Laskowski-IL).
- 5985 USA Voice of Free China over WYFR, 0230 2-4, talk on toy manufacturing; and 0334 on 2-21, talking about times past, good signal (Levison-PA).
- 5995 MALAWI MBC in presumed Chichewa 0345-0400 2-15, mentions of Malawi at 0400, then VOA nx covered them (Archer-NC).
- 5995 MALI Bamako in FR at 0632, African and FR mx, nx read to rock background, both RA and VOA under them on 2-8 (Eckman-CA); fair to poor at 0702-0730 in FR on 3-3, talk, some dramatic instr.mx, Afro drums, ID 0708, talk and mx (Jordan).
- 5995 UNID., maybe Malawi at 0347-0400 3-3, very poor, nx reading in language, instr.mx, but no ID possible, just enough to tell there was something there (Jordan).
- 6000 BRAZIL R. Cuaiba, tentatively, 0842 2-27 with instr.version of "Sarah," other uptempo elevator mx, pips every quarter hour, man anncr, some EG vocals, nx (Coursey-TX).
- 6000 USSR RM, EG at *0300 2-22, IS, anthem, ID, fair sig (Coursey-TX); 0335 2-12 with EG nx in N.Am Svc (Hankins-PA); *0959 2-27 in EG, IS, anthem, bells, pips, ID, nx (Coursey-TX).
- 6005 CANADA CFCX-Montreal, 1600 2-25, nx at 11, 1615 2-20 with nx, pops, wx, olympics, fair both times (Hankins-PA).
- 6006 COSTA RICA R. Reioj, 0720 2-20, good with vocal mx and ID, //4832 (Rugg-QUE); echo ID at 0735 2-8, variety of SP mx, loud het, 4832 better (Eckman-CA); lively SP mx at 0756 3-2, vocals, man with ID (Coursey-TX).
- 6010 BRAZIL Tent. R. Inconfidencia, at 0907 2-27, man talking, into PT mx, very low(Coursey-
6010 FRG Dw, in EG 0337 2-12 with nx, odd stories, men's chorus from Cologne, and 0349 TX. 2-20 with ID, pips and s/off (Hankins-PA).
- 6015 IVORY COAST Abidjan, 0600 on 3-3 with clear ID, many mentions of Abidjan, FR pops and maybe a Her Alpert solo 0614, much stronger than //7215 this evening (Harris-OH); in FR at 0639 2-24 with man talking, clear ID at 0700, drumming, //4940 (Coursey-TX); and at 2140-2205 in FR, two men laughing, Afr vocals, ID and nx at 2200, good signal, //4940 was poor, 3-6 (Cobb-ME).
- 6015 ABU DHABI Voice of the UAE in AR at 0406 3-11, chants, often with long pauses, under a German stn, poor overall (Bryant-GA).
- 6025 DOMINICAN REPUBLIC R. Amanecer, s/off anmts over religious mx at 0255 2-7, full ID and address, 0302*, fair sig but needs sharp selectivity (Helms-CA); s/off anmt at 0258 on 2-17, anthem (Forth-IL).
- 6030 FRG Sddeutscher Rundfunk 0705-0750, SDR ID at 0710 end of nx, rest of prgm was mx and discussion, 3-4 (Renfrew-NY).
- 6030 USA AFRHS-Bethany, nx 0200 2-22, exc sig (Coursey-TX).
- 6040 BRAZIL R.Cl.Paranaense, 0850-0905 3-4, IDs, local time checks and ads, a high energy "wake up" show (Renfrew-NY).
- 6045 USSR RM, excellent at 0340 2-12, sports prgm (Hankins-PA).
- 6055 FRANCE RFI, fair, QRMed, 0343 2-12 in EG, nx program (Hankins-PA).
- 6060 CANADA CFRX-Toronto, old songs at 0920 2-1, ID, TCs (Slagt-ARUBA); 1003 2-27, world nx, grocery ad, wx, sports, jingles, into pops, fair signal (Coursey-TX); 1550 on 2-25, call in prgm on CFB, nx at 1600, also 1612 2-20 with gardening info (Hankins-PA).
- 6075 HONDURAS LV gel Junco, 0250 with IDs, self-promo, blocked by Dw s/on 0259 (Laves-TX).
- 6085 FRG Bayerischer Rundfunk, 0512 2-6 with mx, under Dw, ID hrd after Dw s/off, some Sofia QRM, and nx at 0600 (Archer-NC).
- 6090 BRAZIL R. Bandeirantes, 0757 2-20, good with mx, talk, ads, IDs (Rugg-QUE).
- 6090 LUXEMBOURG R. Luz, EG pops 0102 2-19, nx headlines, wx, jingle, fair-good (Forth-IL).
- 6100 ALASKA Tent. KNLS, instr.mx 1400, lang talk 1402, maybe JP but pretty poor 3-2 (Laves-TX).
- 6110 MALTA R. Mediterran, 2250 3-5, pops, nx, ID and address, anthem before 2230*(Robinson-IL).
- 6150 ALASKA KNLS, EG "Family Magazine" 0930 3-10, wiped out by Impacto s/on 0937 (Bryant-GA); poor 1050 3-6 with big band mx, "Chariots of Fire," ID and off (Jordan-NC).
- 6150 COSTA RICA R. Impacto with IDs 0937 3-10, nx, over KNLS (Bryant-GA).
- 6150 USSR Apparently RM, translation of EG US-USSR actualities into RS, //5905, 0827(Coursey-
6165 NETH.ANTILLES RN-Bonaire, EG 0232, good sig, "Newline," //9590 (Edwards-OH). TX.
- 6180 BRAZIL R. Nacional hrd at *0955 on 2-27, IS to 0959, ID, heavy echo, good (Coursey-TX).
- 6185 MEXICO R. Educacion, Mex and EG mx 0704 2-21, phone interview (Eckman-EG).
- 6190 GABON Swiss R.Intl over Moyabi, *2230-2300* EG 2-2, fair-good (Jordan). SHI also rptd by Topoleski at 2335-2350 2-15, EG, exc sig. +++ See you in May. 73-



LOG REPORT

section C

6200 to 11699 kHz

Editor: Jerry Ervins, Box 5204, Hidalgo, TX 78557

Greetings to all you wonderful DXers out there! Many thanks for your support of log C. You know the more loggings sent in, the more people become interested. All of us began somewhere, sometime and any new was great to hear. There is someone out there discovering SW every day. What's routine to the 'Old Timer' can be a new experience to the novice. Our readers want to hear about the exotics too, the difficult ones. So, continue to keep sending in the loggings of what you are hearing in your area.

- Have a joyous holiday. 73's
- 6200 ALBANIART 2350-2357 EG mx, s/off, NA.; (Topoleski 2/6)
- 6200 UKRAINIAN SSR R. Kiev 0300-0307 EG nx. interview; (Topoleski 1/12)
- 6210 PIRATE 2212-2310 EG om DJ w/British Rock mx. ID as "On 558 kHz, this is R.Caroline" f-g. (Laskowski-IN 3/2)
- 6230 UNID 2220-0223 SP/EG 'Numbers' (Feeley-GA 1/14)
- C.341 TURKEY Turkish Police R.??pt 0557 Lang? (heavy qrm 69001?? y1 tk, mx sneaking thru big ute; (Rippel-VA 1/30)
- 6400 NO. KOREA PBS-Pyongyang 1251-1300 KR y1 tk, anacts, instls, 3 + 1 pip, ID, instl bridge; (Paszkiwicz 1/30)
- 6549 LEBANON Vol 0514 AR om/y1 non-stop talk. w.sig; (Eckman-CA 2/2)
- 6597 CLAND R. Venceremos 0245-0250 SP om & y1 w/tk, ID (Eastman 1/24)
- 6612 CLAND R. Venceremos 0000-0037 SP s/on, ID, anacts, switched to 6635 60016, om & y1/tk (D'Angelo-PA 1/23)
- 6900 TURKEY Turkish State Meteorological Service 0515 Turk.? mx, prayers, wx, Ankara ment., more mx. a rare catch lately; / 0502 2308. Signal was quite strong and loud. (Rippel-VA 1/30)
- 6900 UNID 0522 Lang. ME mx, prayers by y1, mx, anacts, out 0700 (Wallace 8995)
- 6995 CUBA La Emisora CLX 2300-2310 SP om ancr, LA countries ment. wx, sked, f./ full ID, Meteorologia de la Academia... (Jordan-PA)
- 7065 ALBANIA RT 0330 EG poor audio (Eckman-CA 1/30)
- 7115 BULGARIA R.Sofia 2130 EG nx, catry, wld economy; (Zilmer-TX 2/4)
- 7115 USSR RM 2040-2100 EG to Br. Isles, nx, catry, (Topoleski-PA 1/11)
- 7122 AUSTRALIA RA 1300 CH var. CH mx, ID; (Slagt-Aruba 1/2/88)
- 7150 USSR RM 2335 EG tk/Schnitker, composer to be in US; (Rubin-NY)
- 7160 HONG KONG BCWS 1530 EG 'Concert Hall', nx, g. (Helas-CA 1/30)
- 7165 UKRAINE SSR R.Kiev 0033 EG nx, philately, mx; 444 (Levison-PA 1/18)
- 7165 LITHUANIAN SSR R.Vilnius 2315-2329 EG catry, letters, ID's pgm line-up, om & y1 ancrs. SIO-545; //6200, 7400, 13645 (Cobb-ME 2/4)
- 7165 SPAIN REE via R.Beijing SP om tk, nx, mx, om, y1/ancrs (Jordan-PA)
- 7170 NEW CALEDONIA Noumea 0700-0730 FR Noumea ment several times, tk, mx/ rock, vocals w/fiddle & guitar; f. (Eastman-TX 1/16)
- 7171.9 ANGOLA Em do Lobito 0428 PT om, y1 tk, mx; (pres) (Rippel-VA 12/4)
- 7173 ANGOLA Erdo Lobito 0530-0550 Pt mx pgm. (Hawk-VA 1/24)
- 7190 SO. YEMEN/ADEN DYBS 0331-0359 AR om nx, 'min Aden' (Rugg-QUE 1/16 0415-0440 choral mx, anacts, nx, ment. Yemen; (Paszkiwicz-WI 1/10)
- 7200 SOMALIA R.Mogadishu 0353-0425 Somali tk, ment of Mohammed, ID mx, tk, mx; (Paszkiwicz-WI 1/4 / 0302 om Quran, wk.audio, co-chan VOA qrm. several Somali ID's; some good moments (Leskowitz-MA1/20)
- 7205 AUSTRALIA RA 1240 EG ID, prop. info. //7215 (Slagt-ARUBA 1/3)
- 7211.2 ALBANIA RT 2232 EG tk/apartheid g. (Harms-FRG 1/9)
- 7234.2 ALBANIA RT 2241 HG tk/Yugoslavia, ID, f. [g.freq.ctrl.] (Harms)
- 7240sb USA 1640 EG SWL net hosted by KW3F FRENCH address given, meetings of SWL Fest, to be taped, by several members (Edwards-PA 2/7)
- 7250 VATICAN VR 0345-0400 RS Rel pgm (Hawk-VA 2/6)
- 7255 ROTZWANNA RB 0402-0417 Lang/EG Rel pgm; (Hawk-VA 2/6)
- 7255 NIGERIA VoN/VRN 0538-0545 EG nx, catry, SIO-545 (Topoleski-PA 2/7 other reporters; Hawk-VA 0607 1/3, Eastman-TX 0511 1/31, Rubin-NY, 0500 2/14, Wallace-PA 0557 1/24)
- 7260t INDIA AIR Dom. Svc. 0230-0245 Lang. time pips, tk, mx, (Buer-FL 7260 U.K BBC 0418-0450 EG British nx; (Hawk-VA 2/6)
- 7265t GERMANY-FRG Sudwestfunk 0011-0104 GM heard last yr about same time. DJ w/pgm of all EG rock mx. anacts, nx of FRG by y1. ment Baden-Baden, heavy ARD qrm. (Brouillette-IL 1/29)
- 7285 SWAZILAND TWR #0258 EG chime IS, ID 'this is Trans World Radio, Swaziland' (Rippel-VA 2/8)

7290 N. KOREA RP 1500-1550 EG Freq & time sked. nx, mx, local travel information; //9325,9610,9977. (Zilmer-TX 2/1)

7300 ALBANIA RT 0700 RS ID by yl, slight cv qrm; (Wallace-PA 1/24)

7325 England VOA relay 0650 EG Newsline, magazine pgm//5995 (Eckman)

7345 CZECHOSLOVAKIA RP 0115-0155 EG comments, tk/economics, Saturday Mailbag pgm. (Topoleski-PA 1/50) / 0124 quiz, visit to Czech comments on pucc maker for senior citizen; SIO-444 (Levison-PA)

7355nf ISRAEL +2355-0000 EG IS, time pips, ID, qrm/WRNO s/on(Buer-FL)

7355 USA WHRI 0851 EG Gospel mx.(Lenke-ALB 1/7)

7365 USA KGEI 0237 RS Russian pgm. (lenke-ALB 1/7)

7375 COSTA RICA R. For Peace Int'l 0235-0300 EG om tk, yl ancr/ pgm name, instrumental mx, ID, G.Hauser's DX pgm #418 (Jordan-PA 1/8 / 0320-0400 tk, interview, ID's, mx, Wcr ad, addr.(Paszkiewicz -WI 1/9 / 0344 UN-produced program re:Caribbean, ID 343(Laves-TX)

7380 USSR RM 0126-0132 Lang. mx, ID, nx; (Topoleski-PA 1/25)

7430 GREECE VoG 0130-0142 EG om nx/Greece,vocal mx, ID//9120(Eastman

7460 ISRAEL KOL 0117-0124+ EG press rev. ID, Freq. qrn (Topoleski-PA

7482 ISRAEL KOL 2230 EG nx, sports, 'Letter from Jerusalem', Israel folk tunes; //9011, 9436, 9845 (Zilmer-TX 2/5)

9022 IRAN VOIRI 1950 EG nx, ID; SINPO-25222 (Bauernhuber-NY 1/10) / 1800 nx/Iran-Iraq War (Feeley-GA 1/14)

9325 N. KOREA RP 1500-1550 EG freq,time sked, nx,mx// 9977 (Zilmer-TX

9380 SPAIN REE 0037 SP om,yl nx, tk; (Hankins-PA 1/12)

9385 ISRAEL IBA home svc. pgm. 2000-2105 HB om/tk mx bridge(Jordan-PA

9410 UK BBCWS 1755-1825 EG sports,Newsdesk, British nx;(Dillon-GRE)

9420 GREECE VoG 0040 GR om ancr, classical mx; (Hankins-PA 1/12)

9425 GREECE VoG 2118 GR mx/strings, vocals; (Hankins-PA 1/13)

9445 TURKEY VoT 0110 Lang. yl/tk, mx, exc; (Hankins-Pa 1/26) / 0042 mx/ vocals; (Hankins 1/12)

9455 USA WMLK-Bethel,PA 1730 EG 'Open Door To The Living Word',SINPO 35233 (Bauernhuber-NY 1/10 / 1829 om/ID, strongsig.(Hankins-PA 1/14) / 1928-1950+ Rel. tk,mx; (Topoleski-pa 1/5)

9455 USA VOA 0051 EG pop mx, vocals, om ancr'Hello Dolly,etc.(Hankins

9475 EGYPT R. Cairo 0200 EG nx, mx, tourism; interrupted txm(Eckman-CA

9480 ALBANIA RT 1832 EG om/tk food production, USSR/Afghan(Hankins-PA

9495 USA KVOH 0400-0407 EG UPI nx, 'Gd nx for Today' (Topoleski-PA 1/7) / 0055 open phone across America,Rel.Pgm. (Hankins-PA 1/12)

9495 USA WCMN 2300 EG nx, Hot-line freq changes 817-450 2080, 24 hrs 7-days; Australia Bicentennial, tall ships; (Edwards-Pa 1/22)

9510 ROMANIA RB 0200 EG freq. sked, nx, cntry, local mx//9570 (Zilmer

9515 ENGLAND BBC 1505 EG wld nx, lcl nx; (Hankins-PA 1/16)

9530 NORWAY RNI 1400-1430 EG tk'Listener's Letters', nx,wx(Jordan-PA

9540 CZECH RP 0100 EG nx, cntry, lcl folk mx; (Zilmer-TX 2/3) / 0101 om/wld nx, European; (Hankins-PA 1/26)

9545 SOLOMON ISLS. SIBC 0711-0721 EG no ID, ads, pop & cw mx(Eastman

9550 BRAZIL R.Pampa 0130 PT futbol (covered Austria) (Zilmer-TX 1/26

9553 EG. GUINEA 2120-2201+ EG 'Bible on the Air' contest, promise of qsl cards, SP ID, anthem; D'Angelo-PA 1/2)

9560 ETHIOPIA VoE 1500-1517 EG ID/yl, nx, mx; (Tuchscherer-WI 1/22) 1358 OC,IS om/tk Lang. 3 bell chimes, 1459 IS, EG tk, mx, om w/ "...welcome to...from...Ethiopia." 222; (Laves-TX 3/7)

9560 ETHIOPIA t VoRE? 1359-1501 AR mx, yl/ancr? om/tk; (Jordan-PA 2/1 [Some clarification is needed on VORE or VOE?? ED NOTE]

9560 UNID 1430-1455 AR(p) weak sig.,om/prayer, mid-East type mx, om tk, qrm, qrn; (Jordan-PA 1/31)

9575 ITALY RAI 0100 EG tk/Indians in Americas; SINPO-22322 (Rubin-NY

9575 MOROCCO R.Medi-UN t 2025-2048 AR om,yl/tk, ment Morocco, EL Aloun; (Tuchscherer-WI 1/28)

9580 AUSTRALIA RA 1450-1520 EG 'Innovations', nx; (Topoleski-PA 1/31

9580 SO. AFRICA RSA 0159-0212 EG nx; (Topoleski-PA 1/11)/ 0227 intvws, cntry/r-roads SIO-444 (Levison-PA 1/16)

9585 HUNGARY RB 2100 EG nx. cntry, Life of Hertz; // 9835 (Zilmer-TX)

9600 PORTUGAL RP 2236 EG Portuguese pop mx;(Rubin-NY 1/24)

9600 USSR Tashkent 1200 EG nx, h-life of intvw. f. (Rhynce-NC 1/10)

9610 AUSTRALIA VLW9 ABC Perth 13001335 EG yl tk.p./qrm, qrn;(Jordan)

9615 SO. AFRICA RSA 0200 EG nx of Africa; Rubin-NY 2/10 / 0213-0228 'Rock art in S.Africa;(Topoleski-PA 1/11)

9640 N. KOREA RP 1500 EG freq,time sked. nx,lcl mx,travel info. // 9977, 9325, 7280, all heard. (Zilmer-TX 2/4)

9645 VATICAN VR 2050-2110 EG Vatican viewpoint, nx-desk; (Zilmer-TX)

9655 PERU R.Nor Peruana 1149 SP yl,om ancra. mx, coms, ID, TC. SIO-252 (Jones-HS 2/22) / 1204 lcl mx, yl/ID, TC,w/qth; 233(Laves-TX

9655.5 THAILAND RT 2334 EG ID by om "This is HSK9, R.Thailand, Ext.Svc into pgm u& freq ancmts. [QSL/ try v/s Bubpha Laemuang] [info per NU #938] (Rippel-VA2/2

9660 VENEZUELA R.Rumbos 0243-0305 SP mx, cntrys, ID's, (Topoleski-PA

9670 CUBA R.Havana 1844 EG BB-scores, field hockey,etc (Hankins-PA 1/14) / 1900-1932 nx, cntry, mx (Topoleski-PA 1/11)

0680 INDONESIA RRI Jakarta, Java 1203 INDO y1 tk, pos in relay as // 4719 (Pandang), 4774.8a (Jakarta), mx, into SP;222 (Laves-TX)
 0680a MEXICO XEQQT 1240 SP mx, broke in mid-song, mix/Jakarta(Laves)
 0685 ENGLAND BBC 0238-0300* EG/SP mx, ID; (Topoleski-PA 1/28)
 0690 ARGENTINA RAE 0227-0235 EG mx, ID, g. w/qrm de BBC (Topoleski)
 0690 CHINA_PR RB via Spain 0500-0600 EG ID, om w/nx, pgm; (Jordan-PA)
 0695 SWEDEN RSI 2300-2320 EG mx, 'Sweden Calling DXrs', DW qrm on both sides; (Topoleski-PA 2/2)
 0710 ARGENTINA R.Nac. 0415 EG mx, sports, mx (Rubin-NY 2/6)
 0710 ITALY RAI 2200 EG mx, mx (Zilmer-TX 2/4)
 0720 ECUADOR HCJB 0440-0501 EG 'Happiness Is.. ID, TC; (Topoleski-PA)
 0720 SRI LANKA SLBC 1240 EG pop mx, 5 pips, ID, Rel. pgm;(Laves-TX 3/2) / 1308-1325 rock mx, ancmts by yl, g.(Paszkiewicz-WI 1/30)
 0725 COSTA RICA R.Lira, AWR 1200-1340 SP/EG/FR Anthem, yl ancmts, om ID vg. pgm; exc. sig; (Jordan-PA 1/20)
 0730 GERMANY_DPR RBI 0233-0250 EG cntry, pop mx, (Topoleski-PA 1/14)
 0735 OMAN RO 1920 AR IS X 3 between pgm. ID/yl, ment/Oman, QRM/VOA no // noted; (Rippal-VA 2/8) / hrd seven days 1630-1800 w/ME mx, over & under VOA QRM; (Tuchscherer-WI)
 0735 PARAGUAY R.Nac. 0033 SP mx, intvw, g. (Rhyne-NC 1/13) / 2230 political speech; (Rubin-NY 1/30)
 0735 UNID 2100 AR Big Bun chimes @ 1 o'clock, nx? g. VOA (Forth-IL)
 0740 IRAQ RB 1902-1940 AR recit. by om, mx, ID, nx, (Jordan-PA 1/18)
 0745nf MALPre RB relay 2150-2210 AR tk, ID, 'Muna Pekin', CH mx, f-p. HCJB qrm, best in lsb w/notch; (Buer-FL 1/24)
 0755 USA KUSW 0409 EG Album rock mx, carcls; (Purdue-MN 1/3)
 0765 SPAIN PR. For. R. 1851 EG om tk/ politics, elect. etc(Hankins-PA)
 0769.5 CHINA_PR RB 0035-0103 EG Lang lesson, ID, freq, ancmts. s/off @ 0057 into lang @ 0100; SIO-444 (Cobb-ME 1/28)
 0770 MAL RB rel. 0310-0330 EG nx/ Ch, Press clip(Topoleski-PA 1/24)
 0770 USA WHRI 2208-2236 EG Christianmx, tk by L.Summral (Topoleski)
 0775 BANGLADESH RB *1358 IS 'til 1400, ID,s/on, yl ancmts (Rippel-VA)
 0779.3 YEMEN_AR R.San'a (pre)0547 AR r.drama, nx, RE: SPEEDX 242(Laves)
 0780 AUSTRALIA RA 1000 EG Literacy in Asian affairs; (Rubin-NY 1/29)
 0790 FRANCE RFI 1459-1502 FR ID, nx, (Topoleski-PA 1/7)
 0800 FR_GUIANA RFI 0330 EG nx,press review, FR pgm (Eckman-CA 1/30) /2230 pop mx, (Rubin-NY 2/3)
 0835 HUNGARY RB 0212 EG cntry/ mining, stamp corner; SIO-444; Levison
 0850 EGYPT R.Cairo yl/tk, mx, om w/phone patch// 12050, 9475 (Jordan)
 0850 USA WCSN 0305-0335 EG 'Letterbox', 'Kalldescope', nx, (Topoleski)
 0860 FRANCE RFI 1835 EG? 'Spotlite on Africa', f-p. (Helms-CA 1/23)
 0910 INDIA AIR 2140 EG mx, ancmts, QRM/BBC, p. (Rhyne-NC 1/8)
 0940 CUBA LV de la CID 0100-0145 SP nx, mx, nx, ID;p. (Turner-NY 1/13)
 0950 SYRIA RD 2008-2019 EG nx/yl, AR mx; (Topoleski-PA 1/18) /2008-2028 nx, TC, ID/yl; (Tuchscherer-WI 1/28) /2045-0016* nx, Syrian mx, IDs; (Rubin-NY 2/11)
 0951 SYRIA Syrian AR Rep. BC Svc. 2356-0016* SP/PT SP pgm, AR mx, into PT pgm @ 0000, cntry, f. (Brouillette-IL 2/5)
 0960 CLAND R.Caiman 0228 SP EZL mx,Om/ID, mx, SIO-353 (Leskowitz-HA)
 10000 CHINA BPM 0029-0035 CH CW ID, ticks,CH ancmts, ID (Paszkiewicz)
 10080 UNID 0030-0100, -0215 African?, Mexican? HELP! f. Oliver-TX 3/8
 11100 CHINA Taiwan 1150 CH mx, tk, T.Ps, ID; //7820 (Prath-FL 1/1)
 11180 UNID 1915 Lang. tk, mx/guitar, vocal; SIO-444 (Levison-PA 12/23)
 11580 USA WYFR 1816 EG open forum, rel. mx. (Hankins-PA 1/14)
 11600 CHINA RB 1215 EG mx, New Years greet. tk, SEA svc. (Prath-FL 1/1)
 11615 PAKISTAN RP 1800-1822 EG ID, nx, cntry by yls; (Rugg-QUE 1/23)
 11620 INDIA AIR 2229 EG om/ID, sked, 232; (Laves-TX 3/6)
 11635 CLAND LV de CID 2035-2040 SP mx pgm; (Topoleski-PA 1/7)
 11640 PAKISTAN RP 1215-1230* VN 'RH' befor s/off; (Archer-NC 12/6)
 11645 GREECE VOG 1829-1850* EG mx, nx by yl; (Tuchscherer-WI 1/30)
 11650 VENEZUELA R.Nac. 0300-0340 SP pgms. g.sig. (Topoleski-PA 12/15)
 11680 BELGIUM RT Belge Francaise 1740-1802 FR class. mx, yl ancr., tk abt concert hall in Belgium, TPs, nx; (Dillon-GRE 12/5)
 11665 KUWAIT RK 1855-1907 EG yl/nx, ID, rock mx, f-p(Eastman-TX 1/30) / 1802-1835 Wang Chung, other rock mx, ID,wld nx,vg. (Dillon-GRE)
 11665 CZECHOSLOVAKIA RP 1530 EG freq & time sked., nx, cntry, 'rnd. abt.Czech., //21505, 11990, 13715, 11685; (Zilmer-TX 2/6)
 11670 USSR RM 1358 EG ID, freq in meter bands;545 (Snyder-NY 12/29 / 1430 nx, 'Yoursfor the Asking'pgm. (Prath-FL 12/25)
 11680 USA KUSW *0001-0010 EG s/on, ID,freq, rock mx, carcls. g.(Buer-FL 12/29) / also reported by: Brouillette-IL, Cobb-ME, Feeley-GA Levison-PA, Eastman-TX, Snyder-NY, Hankin-PA
 11685 CZECHOSLOVAKIA 1710-1725 AR om ancr, wld nx, ID, sked (Dillon-GRE 12/6) / freq,time sked, nx, cntry, mx, // 13715,11665,1990, 21505 all heard; (Zilmer-TX 2/5)



LOG REPORT

section D

11700 and above

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

- 11705 IRAQ R. Baghdad in SP 1810, nx, mx, feature, g (Rhyne NC 3/1)
- 11710 ARGENTINA RAE in EG 2245, mx, feature reports, ID's, into SP 2302 (Cobb ME 3/6)
- 11720 CANADA RCI in FR 1813, classical mx and discussions, exc (Hankins PA 2/26)
- 11730 AUSTRALIA RA in CH 2210, CH/EG lesson, //15170, f (Laves TX 3/6)
- 11730 UNITED ARAB EMIRATES R. Dubai in AR 1830, AR mx, ID's, pips (Laskowski IN 3/1)
in EG/AR 1631, nx in EG to 1639, wx, IS, ID, to AR 1642, chants (Rugg QUE 2/28)
- 11735 BRAZIL R. Bras in EG 0200, pgm re Summer Olympics, pop mx, g (Topoleski PA 2/21)
- 11765 AUSTRALIA RA in CH 0955, IS, ID, EG by Radio (Arland PA 2/20)
- 11775 ECUADOR HCJB Quito in EG 0230, "DX Partyline", exc (Edwards OH)
- 11790 SEYCHELLES FEBA in Punjabi 0256, xylophone IS under lang. (Feeley GA 2/22)
- 11805 BRAZIL R. Globo in PT 0059, sports pgm, ads, station jingle (Forth IL 2/16)
- 11820 ASCENSION IS. BBC relay in EG 1850, political discourse (Hankins PA 2/26)
- 11825 SOCIETY IS. R. Tahiti in FR 0415, south seas mx, g (Levison PA 2/21) also in FR 0815, nx in FR in parallel with New Caledonia station, f (Walley CA 2/21)
- 11850 NORWAY RN in EG 1605, local debate on whether or not US carrier should visit Norway (Walley CA 2/21) in NO 2125-2144*, long tlks, ID in EG (Jordan PA 2/29)
- 11850 GUAM KIWR in IN 2158, two ID's w/QTH, //IS on 11665 at 2159 (Laves TX 3/6)
- 11860 VENEZUELA R. Nacional in SP 0037, ID, sked, distorted audio (Forth IL 2/18)
- 11870 SEYCHELLES FEBA in Farsi 0320, sermon, mid-East & classical mx, ID?, IS "What a Friend We Have in Jesus" at s/off 0330, seldom heard in FL (Brouillette FL 3/5)
- 11900 NORTHERN MARIANAS KYOI Saipan in EG 1530, political cmntry (Levison PA 2/13)
- 11910 HUNGARY R. Budapest in EG 1700, nx, //9835, f-p (Rhyne NC 2/14)
- 11965 CHAM KSDA Adventist World R. in EG 2142, relig pgm, ID, into lang 2203 w/ment of "Voice of Prophecy" (Laves TX 3/6) in EG 2145 w/"Story of Ruth" (Feeley GA)
- 11995 FRENCH GUIANA RFI relay in EG 0335, world & Paris nx (Arland PA 2/23)
- 13685 SWITZERLAND SRI in EG 1533, nx, uses of outer space, echo, f (Sampson WI 2/21)
- 13790 WEST GERMANY DW in GM 1928, African chants, s/off w/IS 1930 (Hankins PA 2/6)
- 15010 VIETNAM R. Hanoi in EG 2343, nx, cmntry, ID's, abrupt off 2357 (Rugg QUE 2/23)
in VT 0017, oriental mx (Feeley GA) in EG 1330 w/nx, cmntry (Topoleski PA 3/7)
in EG/FR 1915, VT vocal mx, off air 1927, back on 1930 in FR, ID, NA (Cobb ME)
- 15060 SAUDI ARABIA BKSA in AR 1536, recorded "echo-y" speech, g (Helms CA 2/27)
- 15130 CHINA R. Beijing in SP *2300-2355*, IS, nx, CH mx, ID's, f-p (Jordan PA 2/6)
- 15155 FRANCE RFI in EG/FR 1120, nx in EG, ID, into FR 1126, rock mx (Cobb ME 2/15)
- 15170 USSR R. Moscow in EG 0101, nx, sig clobbers "R. Tahiti" (Tuchscherer WI 3/2)
- 15171 SOCIETY IS. R. Tahiti in FR 0236, jazz of the 30's (Tuchscherer WI 2/29)
- 15175nf MADAGASCAR R. Nederlands in EG 1841, "Happy Station" pgm, f (Sampson WI 2/21)
- 15190 FRANCE RFI in FR 1430, ID, pop mx, Duke Ellington tunes (Dillon GREECE 2/2)
- 15205 USSR R. Rodina in RS 1445, pop mx, ID, sked, IS 1459, g (Dillon GREECE 2/2)
- 15215 ALGERIA R. Algiers in EG 1945-2001*, pop/rock mx, ID, poor audio (Cobb ME 2/15)
NOTE: 1900-2000 is best time to log this one since this is only time in EG.
- 15230 ISRAEL KI in RS 1431, Stalin folk song, vp w/heavy jamming (Dillon GREECE 2/3)
- 15260 CANADA Sackville BBC relay in EG 1507, nx, weekend svce to NA (Hankins PA 2/6)
- 15260 USSR R. Rodina in RS 1455, piano mx, ID, sked, IS, nx, g (Dillon GREECE 2/4)
- 15275 WEST GERMANY DW in GM 1510, nx, ID, IS, "Panorama" nx pgm (Dillon GREECE 2/4)
- 15300 FRENCH GUIANA RFI relay in FR 2034, concert mx, nice piano (Hankins PA 2/28)
- 15300 FRANCE RFI in FR 1425, rock mx, ID, TC, //15190, 15315 (Dillon GREECE 2/5)
- 15305 NORWAY RNI in NO 1440, cuts of NO rock mx, ID in EG, off 1450 (Dillon GREECE)
- 15310 NORWAY RNI in EG 1603, "Norway Today", "Journey Thru Norway", exc (Topoleski PA)
Sunday only pgm in EG 1315, "Norway Today", "Book Corner" (Arland PA 2/21)
- 15315 NETHERLANDS ANTILLES RN relay in DT 0045, economic tlks (Slagt ARUBA 1/20)
- 15335 MOROCCO RTVM in AR 1450, local mx, ID, world nx, live mx, f (Dillon GREECE 2/5)
- 15345 SWEDEN RSI in FR 1515, current affairs, SW pop mx, ID, interview (Dillon GREECE)
- 15350 USSR R. Moscow in EG 1400, ID, nx, results of RM questionnaire (Dillon GREECE)
- 15360 MOROCCO RTVM in AR 1425, local mx, ID 1500 "Huna Rabat", nx (Dillon GREECE 2/7)
- 15365 FRANCE RFI in FR 1501, world nx, ID, "Cinema Today", f (Dillon GREECE 2/7)
- 15395 USSR R. Moscow in Pashtu 1440, ID "Moskow-Day", tlks, IS, f (Dillon GREECE 2/9)
- 15400 ASCENSION IS. BBC relay in EG, "24 Hours", g (Hankins PA 2/7)
- 15400 FINLAND RF in EG 1411, comments on citizens leaving Finland, g (Levison PA 2/28)
- 15435 HONG KONG BBC relay in CH/EG 0020-0044*, financial tlks, mx bridge, ID in CH/EG,
"English by Radio", EG/CH dialog translation of daily activities (Jordan PA 2/25)

15455 USSR R. Moscow in EG 1500, ID, nx, "Focus on Asia" (Dillon 2/9, Hankins PA 2/6)
 15460 FRANCE RFI in FR 1500, pop mx, ID, nx, sports (Dillon, Hankins, Tuchscherer WI)
 15470 USSR R. Moscow P&P in EG/lang 1425, IS, into lang 1430 world nx, vg (Dillon)
 15475 GABON Africa #1 in FR 1815, Lat Am mx, steel drums & vocals (Hankins PA 2/14)
 in EG/FR 1725-1902, US rap & FR pop mx, Afro nx, into FR 1745 (Jordan PA 2/20)
 15494v COSTA RICA R. for Peace Int'l in SP 2200-0000, orch mx, tlks, vocals, interview,
 ID "You are listening to Radio for Peace Internat'l broadcasting from the campus
 of the University for Peace in Costa Rica", "Caribbean Echoes" "World of Radio"
 (Brouillette IL 2/25, Jordan PA 2/22, Rugg QUEBEC 2/23, Laskowski IN 2/18)
 15495 KUWAIT RK in AR 1440, Qu'ran recitation, ID, song, QRM from R. Moscow (Dillon)
 15505 KUWAIT RK in AR 1456, chants, ID "Idhat Al Kuwait", nx, g (Rugg Quebec 2/14)
 15510 USSR R. Moscow in Asian lang 1210-1227*, tlks, interviews, mx, IS, f (Jordan PA)
 15510 WEST GERMANY DW in Urdu 1505, GM mx for carnival, ID, f (Dillon GREECE 2/11)
 15525 BANGLADESH RB in EG 1230, fqy ancmnt, ID, nx, f (Forth IL 2/20) in EG 1231 with
 100% copy (best on USB), nx by M w/BBC accent (Archer NC 2/28) in EG 1230 w/nx
 f-g w/horrendous local QRM, ID at end of nx 1235 (Laskowski IN 2/29)
 15540 USSR R. Moscow in EG 1241, "Focus on Asia and the Pacific", vg (Jordan PA 2/29)
 in EG 1432 w/"Yours for the Asking", ID, mx, IS "Midnight in Moscow" (Dillon)
 15560 NETHERLANDS RN in EG 1500, Asian svce, "Asia Scan", ID, vg (Dillon GREECE 2/12)
 15575 SOUTH KOREA RK in EG 2349-0028, "Sights and Sounds", mailbag (Topoleski PA 2/20)
 15630 GREECE VOG in GR 1818, native mx w/vocals, ID 1827, exc (Hankins PA 2/5) in
 GK/EG *1500-1550, nx in GK, mid-east type mx, into EG 1540, ID (Jordan PA 2/13)
 17595 MOROCCO RTVM in AR 1440, AR mx, ID 1459, local nx mostly, vg (Dillon GREECE)
 17595 BELGIUM BRP in EG 1634, cooking recipe, tlk re mining, DX show (Tuchscherer WI)
 17605 NETHERLANDS ANTILLES RN relay in EG 1915, tlk on SW radio, off 1924 (Hankins PA)
 17615 USSR R. Moscow in RS 1505, world nx, mx, IS 1529, abrupt off (Dillon GREECE)
 17620 FRANCE RFI in FR 1432, FR pop mx, ID, TC, movie reviews, skeds (Dillon GREECE)
 17645 USSR R. Rodina in RS 1456, ID 1458, sked, address, IS, into Mayak 1500 (Dillon)
 17705 CZECHOSLOVAKIA R. Prague in CZ 1505, nx, tlks, sports results, ID, IS (Dillon)
 17708 COLOMBIA R Nac de Colombia in SP 2312, "El Bachillerato por Radio" w/lesson in
 basic chemistry, classical mx, 3 gongs & "Noticiero Colombiano", ID, into nx w/
 poor audio, f/out 2351, hrd only on 2/22-23, not before or since (Brouillette IL)
 17745 USSR R. Rodina in RS 1435, ezl mx, several ments of Moscow, //17645 (Dillon)
 17780 MOROCCO VOA relay Tangiers in Uzbek 1450, tlk re Bob Hope, nx, p (Dillon)
 17805 PORTUGAL R. Free Europe in PL 1503, nx, ID, mx, interview (Dillon GREECE 2/18)
 17810 ANTIGUA Deut. Welle relay in GM 2012, several long tlks, //17860 (Hankins PA)
 17820 CANADA RCI in EG 1804, African svce, world nx, exc (Hankins PA 2/5)
 17830 ASCENSION IS. VOA relay in SP 0755, ID, nx during 5 min. break between SRI
 pgms, p (Renfrew NY 2/27) ED: This xmsn not shown in VOA sked, WRTH, or RDI.
 17860 RWANDA Deut. Welle relay in GM 1912, long tlks (Hankins PA 2/18)
 17870 LIBERIA VOA relay Monrovia in EG 2005, world nx, f (Hankins PA 2/21)
 21555usb SWEDEN SRI in SW 1950-2040, tlk pgms, vg (Renfrew NY 2/29)
 21590 SOUTH AFRICA RSA in EG 1503, world nx, local mx, f (Levison PA 2/27) in EG 1325
 to 1401 w/request pgm, US pops, local Afro hi-life, Eur pops, f (Jordan PA 2/25)
 21605 UNITED ARAB EMIRATES R. Dubai in EG 1345, mx, tlks, interview, f (Jordan 2/4)
 21645 FRENCH GUIANA RFI relay in FR 1635, rock mx, discussions, exc (Hankins PA 2/20)
 21695 SWITZERLAND Red Cross BC svce in EG *1310, IS, trumpet fanfare, ID, ancmnts,
 Red Cross activities reviewed, //15570, 11955 (Jordan PA 2/4)
 21700 GABON R. Japan relay in EG 1510, world & local nx, cmntry, g (Levison PA 2/27)

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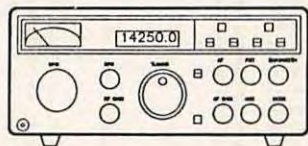
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EXECUTIVE DIRECTOR & PUBLISHER - Bill Oliver, 45 Wildflower Road, Levittown, PA 19057
CONTACT - Steven G. Moye, 178 Bartlett Ave., Cranston, RI 02905
EASY LISTENING - Alex Batman, 300 Hill St., Apt. 6, Boone, NC 28607
DXERS FORUM - Chuck Rippel, 1272 Parkside Place, Virginia Beach, VA 23454
TECHNICAL TOPICS - Skip Arey, Box 644, Waterford Works, NJ 08089
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QSL REPORTS - Sam Barto, 47 Prospect Place, Bristol, CT 06010
DXTRA - Bob Hill, 15 Striving St., Andover, MA 01810
DISTRIBUTING EDITOR - John F. Henault, 55 Lincoln St., Abington, MA 02351
LOG REPORT A - Mike Harris, P.O. Box 264, Grove City, OH 43123
LOG REPORT B - Jerry Berg, 38 Eastern Ave., Lexington, MA 02173
LOG REPORT C - Jerry Irvine, Box 5205, Hidaigo, TX 78557
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ENGLISH SCHEDULES - Tom Sundstrom, P.O. Box 2275, Vincentown, NJ 08088
SCOREBOARD - Jerry Lineback, 115 Wroxtton, Conroe, TX 77304
AWARDS PROGRAM CHAIRMAN - John Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA 01545
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