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From the Executive Director

Chuck Rippel
1272 Parkside Place
Virginia Beach, VA 23454
COMPUSERV- 72571.1046

Not a lot of mail this month; chalk it up to the usual summer doldrums. Summer never has been the most active season for our hobby. Some have said this is because of thunderstorms causing static crashes making listening unbearable. My own theory is that SWL'ing is a Winter "sport," lending itself to averting the cabin fever caused by that season.

I would like to personally thank those who have been helping out with the headquarters duties. As NASWA membership continues to grow, so do the headquarters duties. Bob Brown has been helping publisher Bill Oliver by composing some of the columns and taking on some of the other duties. Jon Cohen has been helping Bill as well. I would like to thank all three of them for volunteering their time, making sure that end of the club runs smoothly.

Kenwood U.S.A. has installed a computer bulletin board. The details are:

Phone number: (213)-761-8284

Parity: 8-N-1

Hours of operation: 0100 - 1500 GMT Weekdays
24 hours on weekends

You can leave technical and product related questions and download software. I understand they offer the software that interfaces a computer with the R-5000. It's free for the asking, all you have to do is download it.

Again, the Canadian Government is considering eliminating the CBC. NASWA supports the efforts of the CBC and urges you to write them and voice your support. The text of your letter should focus on the positive things RCI does for Canada such as encouraging travel and tourism.

I saw an interesting message on Compuserve last week from Jack Howarth. He recently tried out a Panasonic RF-B40 and although he was not overly impressed with the radio, he did take some interest in the SW frequency schedule that National/Panasonic prints and packs with the radios. He could see that a page was cut out and a blank piece of paper was carefully pasted onto the bottom of the booklet. By carefully holding the booklet up to the light, he could see that the page removed was the program schedule for KOL Israel. Turning back to the front, he was amazed to see that they had passed a small typed sheet of paper over the table of contents for the Mideast. The new one lacked a listing for Israel as a broadcaster. Although he does not agree with all of that countries politics, Jack found the whole issue disgusting. It gave him one other reason to purchase a Sony 2010 instead of the Panasonic.

Remember our logo contest announced in the April issue of *FRENDX*? The contest entries have been received by Editor in Chief Harold Cones who mailed them out to the judges. I have received mine and was very impressed by not only the quantity of the submissions but also their quality! Be assured that we are going to have a first class logo when all is said and done.

I am still in the market for a Hammarlund HQ-180/A or AX and an SP-600 JX. They must be in mint condition suitable to be placed in a collection. I am also looking for the matching S-200 speaker. It too must be in the same condition. Got one? Drop me a line.

On behalf of the entire NASWA membership, I would like to congratulate Kris and Elaine Field on the birth of their new son, Matthew Christian Field. Kris is so devoted to this hobby that he actually called in his loggings for the ANARC SWL Net from the hospital the Sunday morning of Matthews birth!

As I mentioned in the June *FRENDX*, Proceedings, 1989 will be available in the middle of this month. The number of copies of this premier 210 page is limited and NASWA members would do well to ACT NOW to order their copy. The price is \$19.50 plus \$2.00 postage inside North America.

For more details, see page 55 of the July 1989 issue of *FRENDX*.

-73- till next month!

DX'ers Forum

Dedicated to Furthering
the Art, Science and
Enjoyment of DX'ing

Conducted by Rowland Archer, 5524 Hawthorne Park, Raleigh, NC 27613

August, 1989

If following the recent tragic events in China has left you wanting to know more about this vast country and its complex political power structure, you might want to check out some of these titles, recommended by John Bryant, who authored the "DXing the Silk Road" series in DX'ers Forum last winter:

"White Boned Demon", by Ross Terrill. A book about Jiang Qing, Mao's second wife and the Gang of Four.

"Riding the Iron Rooster - By Train through China", by Paul Theroux, an Ivy Book paperback.

"Danziger's Travels - Beyond Forbidden Frontiers", by Nick Danziger, a Vintage Book from Random House.

John mentions that NASWA member Chuck Boehnke of HI recommended the Theroux book to him.

The latest Universal Shortwave catalog number 89-07 is out, and available for \$1 or 3 IRC's from the address below. In addition to the usual lineup of receivers, antennas, accessories, and publications, this issue includes the new high-end (to the tune of \$5000!) ICOM R-9000 "DC to Daylight" receiver, which received an excellent review from Larry Magne on SWL Digest. You can get your catalog from:

Universal Shortwave Radio
1280 Aida Drive
Reynoldsburg, OH 43068

Corrections Dept: looks like I got a bit carried away with the "a" key when typing up the new country list entries in the July DX'ers Forum. Amazing what an auto-repeat key can do! The Gazetteer entry for Tonga should have read:

Tonga

Nuku'alofa

OC

This month's Forum includes part one of my article on "DX'ing" Brazil from within its borders, and an article I've been wanting to write for a while on DX'ing on the road.

DXing Brazil from Brasil

by Rowland Archer

When I got an airmail letter from "Campina Grande, Brasil" last November, I assumed it was a QSL....so you can imagine my surprise when I opened the letter and found it was an invitation from a consulting firm to come to Brazil and give a six hour seminar on local area networks, on their nickel! After hesitating for about five nanoseconds, I checked the "YES" box and sent them an acceptance.

THE ITINERARY

This was our first visit to Brazil, and I was fortunate enough to be able to combine business, vacation, and LA DXing on location.

My wife and I travelled first to Rio de Janeiro, where we spent 4 days. We made a one day side trip to the capital city of Brasilia, then we were off to see spectacular Iguassu Falls. The trip finished with three days in Sao Paulo, the business nerve center of Brazil.

RIO DE JANEIRO

After a l-o-n-g flight (we left Raleigh at 5:00 in the afternoon on Sunday), we landed at Rio's thoroughly modern international airport at 8:00 in the morning on Monday, May 8. Our tour guide, Romulo, met us at the airport and proceeded to give us a fascinating overview of life

in Rio and Brazil today. He painted a picture of a city and country that was beset with economic difficulties yet maintaining an optimistic view towards the future. The major economic difficulties are runaway inflation and a huge international debt. Inflation has been running from 10% to 30% a month and more. Many of the Brazilians we met were looking hopefully towards this fall's presidential elections to provide new faces and fresh ideas to combat these crippling problems. Expect a lot of campaign coverage on Brazilian stations as we approach the November elections.

Life in Rio is a strange mix of carefree sun-worship and paranoia stemming from the high crime rate. Most of the crime is petty, usually involving theft of valuables by skilled pickpockets or packs of young children roaming the beach. The natives of Rio, known as *cariocas*, wear zippered moneybelts while jogging down the miles of black and white tiled sidewalks that line the beach.

CURRENCY

The currency situation in Brazil reflects the crazy inflation rate. There are three different "levels" of currency in circulation. *Cruzeiros* (Cr\$) are the oldest currency in circulation, and are devalued by a factor of 1,000,000. The *Cruzado*, or CZ\$, is devalued by a factor of 1,000. The *New Cruzado*, NCZ\$, is redeemed at face value. NCZ\$'s were introduced this past January, so many things, such as postal stamps, are still printed in terms of Cruzados. Most of the cash I handled was Cruzados. Metal coins are hardly ever seen.

I was very curious to see how freely US dollars were traded. QSLers often include US dollar bills with their reception reports for use as return postage. There is some controversy among DXers as to whether this is a good practice. Some have said that your recipient would have trouble unloading the US dollar, and might even be breaking the law by possessing a US dollar. I can say without hesitation that US dollars were freely traded wherever I went. There are two exchange rates in effect: an official one which I never saw used, and a gray market or "parallel" rate, semi-official to the point that it is published in the newspapers and honored by most hotels and stores.

POSTAGE STAMPS

I made a trip to a local post office in Rio to buy some airmail stamps for some letters to the US. The cost for an airmail letter to the US was NCZ\$ 0,90, or CZ\$ 900,00. At the 2.70 black market exchange rate, this worked out to about US\$0.33 per letter. Note: the Brazilian system uses "," where we use "." and vice-versa, so where we write

\$100.00 to represent 100 dollars and 0 cents, the Brazilian equivalent would be written as \$100,00.

THE BANDS IN RIO

After getting some sleep to recover from the flight, we enjoyed our first meal in Rio and then it was time to unpack the shack. The accompanying article describes my Portable DX Shack, principally a Sony ICF2001D fed with an MFJ1020 active antenna. It was late afternoon, so I started by running through 49 meters. I used the *Fine Tuning "DXer's Guide to Latin America"* as my quick reference, since it lists all Brazilian SW stations by frequency.

The Sao Paulo 49 meter band stations were coming in with SIO 444 signals. R Cultura on 6170, R Aparaceda on 6135, R Globo on 6120. It was *much* easier to get an ID when the stations are coming in loud and clear. Most Brazilian stations play a prerecorded, formal station ID once or twice an hour. From my shack at home in NC, these are the ID's I usually logged. In Brasil, I noticed many more casual ID's mentioned in passing.

Over the course of the trip it also became obvious that the audio quality of these stations is not nearly as bad as it seems when you're hearing them as DX. In fact, by and large the audio quality was very good. It seems that the tortures of long distance propagation are responsible for many of the "muddy audio" conditions we DXers note.

A VOZ DO BRASIL

At 2200 I began my *A Voz do Brasil* ("VDB") scan. VDB is a program produced by the Radio Nacional government station, and it's supposed to be simulcast by all stations in Brazil at 2200 each day. A number of reports in the DX press have stated that many Brazilian stations ignore this mandate and carry their own programming at 2200. I decided to check this out.

My results appear in the attached list under the heading "VDB". As you can see, the majority of stations that I was able to ID seem to carry VDB.

One surprise was the relative lack of non-Brazilian Latins heard. I did focus most of my attention on frequencies that were supposed to have Brazilians on them, but even in band scans I found mostly Brazilians and international powerhouses. One exception was R Huancavelica on 4885.2, which put in a decent signal from 2245 tune-in.

Shortly after my Huancavelica logging, Murphy struck and my tape recorder died. This was only

my first night of DX, so the rest of my loggings were recorded on paper only.

R Relogio Federal on 4905 was SIO 555. This station seems to have been reactivated lately. There are quiet clock ticks each second under the announcer, and on the hour there's a verbal time check and then 3 time pips.

At 2353 R Relogio Federal played a pre-recorded, full station identification, typical of

those heard on most Brazilian stations. Just as I was congratulating myself on the great collection of taped ID's I was going to have, my tape recorder utterly, totally, died. Looks like I'm going to have to come back next year!

* * *

Next month's column will carry the conclusion of this article, covering the radio scene in Brasilia, Iguassu Falls, and Sao Paulo.

Stations Logged in Brasil

5/08/89 - 5/16/89

Freq	Station	Start	End	Date	SIO	VDB
3205	R Ribeirao Preto	0002	0026	05/16/89	544	Y
3235	R Clube, Marilia	0028	0101	05/16/89	333	Y
3245	R Clube Varginha	0101	0115	05/16/89	555	Y
3325	R Universitaria, Guarulhos	0142	0159	05/16/89	333	Y
3335	R Alvorada, Londrina	0115	0141	05/16/89	433	Y
3365	R Cultura, Araraquara	0901	0926	05/16/89	555	Y
4755	R Educacao Rural, Campo Grande	0013	0100	05/14/89	433	Y
4775	R Congonhas	0908	0930	05/16/89	454	
4795	R Difusora, Aquidauana	0112	0145	05/14/89	343	
4805	R Itatiaia, Belo Horizonte	0930	0959	05/16/89	444	Y
4815	R Difusora, Londrina	0150	0207	05/14/89	555	Y
4825	R Cancao Nova	1000	1001	05/16/89	555	Y
4845	R Meteorologia Paulista, Ibitinga	1001	1032	05/16/89	433	
4905	R Relogio Federal	2330	2359	05/08/89	555	Y
4914.9	R Anhanguera Goiana	0042	0140	05/10/89	343	
4935	R Capixaba	0142	0212	05/10/89	444	
4955	R Cultura, Campos	0941	1013	05/10/89	555	Y
4975	R Paulista	0007	0104	05/12/89	333	Y
5034.9	R Aparecida, Minas Gerais	0123	0153	05/12/89	343	Y
5980	R Guaruja, Florianopolis	1507	1532	05/16/89	444	
6000	R Guaiba, Pto. Alegre	2116	2150	05/13/89	555	Y
6010	R Inconfidencia, Belo Horizonte	0945	1015	05/12/89	444	Y
6030	R Globo, Rio de Janeiro	2110	2140	05/12/89	444	Y
6040	R Clube Paranaense, Curitiba	1405	1430	05/16/89	444	Y
6050	R Guarani, Belo Horizonte	1647	1648	05/16/89	333	N
6060	R Universo, Curitiba	1402	1404	05/16/89	333	Y
6090	R Bandeirantes, Sao Paulo	1335	1402	05/16/89	555	Y
6104.9	R Cultura, Foz do Iguacu	2050	2058	05/08/89		Y
6120	R Globo, Sao Paulo	2101	2113	05/08/89		Y
6135	R Aparecida, Sao Paulo	2030	2100	05/08/89	444	Y
6170	R Cultura, Sao Paulo	2030	2101	05/08/89	333	Y
9685	R Gazeta, Sao Paulo	1445	1505	05/16/89	333	
9705	R Nacional, Rio de Janeiro	1432	1445	05/16/89	454	

Under VDB heading: Y = Heard program "A Voz do Brasil",
 N = Not heard but did hear some other programming
 <blank> = no station heard during VDB timeslot.

A Portable DX Shack

by Rowland Archer

Sometimes business travel brings me to a location where I have a chance to hear some interesting new DX catches. To take advantage of these situations, I prepared a simplified, light-weight "DX Shack in a Bag" that I take with me on the road. Note the emphasis on "portable shack" -- there's more to portable DX'ing than just lightweight receivers. Here are the requirements I placed on my *Portable DX Shack*, and how I met them.

1. Portability: *For me, portable means that it has to fit in a small carry-on bag. I don't want to deal with lost or damaged luggage containing my expensive gear.*

Everything I take along fits in a portable computer carrying case. It's a cloth-covered bag, 12"W x 14"H x 5"D, padded, with a front and back compartment, pockets for cassette tapes, and a convenient carrying handle. I put the rig, tape recorder, and active antenna in one compartment, and the reference materials, cables, spare batteries, and blank tapes in the other. A stiff sided bag with padding will protect your equipment much better than a soft nylon carry-all sack. If you decide to check your bag with the airline, you should look into the strong metal suitcases used for photographic gear, or use plenty of padding in a normal suitcase.

2. Light-weight DX-capable receiver: *I want to go after real DX but I don't want to carry the NRD-515 around.*

I use a Sony ICF2001D portable (the overseas version of the ICF2010) for my DX rig on the road. It's very sensitive, has digital readout and memories, and does a nice job with ECSSB, very handy for separating packed-in DX targets. I find this rig to be an excellent balance between size and performance. There are smaller and lighter rigs that work well for SWL on the road, but the 2001D can really DX.

3. Quick setup: *I want something I can tear down or set up in 10 minutes.*

If it takes an hour to put the "Portable DX Shack" together at home, or to repack it in the hotel room before a 7:30 breakfast appointment, it just won't get done. My solution to this problem is to keep the carrying bag packed with everything I need but the receiver and some reference material.

This means that the *Portable DX Shack* is always packed with the necessary cables, blank cassettes, blank log sheets, portable cassette recorder, active antenna, etc. No frantic last-minute searches through the junk box for that RCA plug to miniature phone plug adapter, or worse, no sitting in the hotel room with everything you need for DX BUT that adapter.

4. Power: *I need to cope with hotel rooms which are chronically short of outlets.*

I have found the simplest approach is to use battery-powered equipment exclusively. I'm not overly pleased with this, since I carry spare batteries for everything and that adds a bit of weight. But it has the advantage of quick setup -- no scrounging around the hotel room looking for empty outlets, discovering that the extension cord I brought wasn't long enough, or packing the extra weight of 3 AC adapters.

5. Limited antenna space: *I need some way to maximize DX even though hotels are usually constructed from signal-choking steel and concrete, and sometimes the windows can't be opened.*

This is the biggest challenge, and the easiest place to go wrong with portable DXing. Hotel rooms are very hostile to shortwave signals. Over and over I have observed dramatic differences in reception between using the built-in whip antenna and a 20' length of random wire, and an equally dramatic difference when adding a properly peaked active antenna/preamp to the 20' wire.

My current setup uses the insulated hank of wire that Sony includes with the 2010, feeding an MFJ 1020 active antenna/preamp. It's worth looking for an insulated spool of wire that resists tangling and knotting. I'm not a components expert so I can't tell you why it's so, but the wire that Sony uses seems uniquely resistant to tying itself in knots when you uncoil it. It's an 18-gauge stranded copper wire covered with plastic insulation.

Placement of the 20' random wire is critical. If you're stuck in a room without an opening window, the best thing to do is to route the wire up along the top of the curtain bar, looping around the window. Most hotel rooms include a small table near the window. Make this your DX Desk, and make sure the antenna reaches it. If you have sliding doors to a balcony, run the wire out to the balcony and loop it around the balcony railing. Try to put the wire near the top or bottom of the railing, as inconspicuously as possible. On more than one occasion I've received inquiries from curious hotel staff about "that rope out on your balcony!" They usually think someone is breaking in!

Be careful that the sliding doors don't wear through the insulation of your antenna. If your outdoor antenna doesn't dramatically improve reception, try opening the door and lifting the wire free of the door frame. If the signal strength jumps up, chances are your antenna was shorting out to the door frame.

Warning: Some portables may not handle the high level output of an active antenna very well. In fact, the Sony 2001D/2010 is infamous for failures in the front-end FET (the RF amplifier transistor), due to overloads on the incoming signal. While I've never had such a problem, I can't guarantee that your 2001D/2010 will be able to tolerate the output of a preamp like the MFJ-1020. Try this at your own risk.

6. Reference material: *I need current and archival DX information to take along for both target setting and tentative identification.*

Here I suggest taking along what YOU normally use. I pack a copy of **Passport to World Band Radio**, plus the Danish Shortwave Club's **Tropical Band Survey**. To this I usually add the last few month's worth of **Fine Tuning** and **DX Spread**, and perhaps some target-region oriented reference material, such as the **Fine Tuning Indonesian Survey** for trips to California. Finally, I add my own current station target list.

7. Permanent record: *I want a paper log and tape recordings of any good DX catches for later ID checks and reception report details.*

A couple of pens and some blank log sheets stay in the Portable DX Shack, so that's the easy part. Not so easy is finding a cassette recorder that's both lightweight and can handle the high level output of the Sony 2010. Many cassette recorders have only a "MIC" input, which will overload if you feed it the high-level output from your receiver. Look for an "AUX" input. This is usually high level. An alternative is to use an attenuating cable which reduces the level for you. You can buy one at Radio Shack; I found it reduced the level *too* low for my particular setup.

I prefer a recorder with a tape counter so I can note the counter value at probable ID's for later re-checks. Auto-reverse is nice, along with a locking fast forward control.

I was using an old Panasonic portable recorder, but it died on the Brazil trip, so this part of my *Portable DX Shack* currently needs replacing.

SUMMARY

I won't claim the ultimate setup by any means, and in fact, I would love to publish tips from "fellow travelers" who can share their experiences of DX'ing on the road. On the plus side, I have managed to log a number of RRI stations including RRI Dili from a hotel in Alameda, CA, so this setup has worked for me in practice.



Easy Listening

Editor: Alex Batman, 4636 Alvin Dark, Apt. 2, Baton Rouge, LA 70820

SUNDAY

- 1530-1545(1600) Mailbag (Radio Sweden International). This program airs on the first and third Sundays of the month, the first Sundays' being fifteen minutes long and the third Sundays' thirty minutes long. Reads listeners letters and comments and answers questions about Sweden. It is no worse than the average mailbag program, but it is not particularly better either. (17.880/21.610). First and third Sundays of the month.
- 0130-0147 International Talking Point (Deutsche Welle). Each week a panel of journalists discuss some international or German issue. Past programs have featured the possible rift in the NATO Alliance, student protests in Beijing, tourism in the third world countries, and the recent coup in the Sudan. (6.040/15.105. Repeated at 0330 on 15.205 and at 0530 on 6.120/6.130).

MONDAY

- 2210-2225 Nature Book (Radio Vilnius). A program devoted to the Lithuanian ecology that airs every other week. My problem with this program is that it has very little discussion of the actual natural environment of Lithuania but seems to stress more government ecological efforts. (11.790). Every other week.

TUESDAY

- 2210-2215 The Emergence of Modern Turkey (Voice of Turkey). This program features the reforms in education, politics, and social life that took place under the influence of Kemal Attaturk at the beginning of the Turkish Republic to demonstrate how Turkey developed into a modern nation of western ideals and technology. This program could be interesting, but the presentation is so dry that it often loses the listener. (9.445. Repeated at 0310 on the same frequency).
- 2130-0255 Anything Goes (Radio Australia). Not to be confused with the BBC program of the same name although there are certain similarities in the programs. Although Radio Australia's "Anything Goes" is not like the BBC's programme, a request program, the musical styles of both shows is similar. One of the things that makes the BBC's program of the same name so popular is the number of songs they play from the 30's, 40's and 50's, and Radio australis seems to have cashed in on that idea. Although there are no official requests, each week "Anything Goes" plays music from the 20's, 30's, 40's, and 50's, usually tied loosely together by a theme such as "movie songs from the 40's and 50's." Actually the program is quite good if you like that music (which I admit I do), but I can not escape the feeling that Radio Australia has pirated a popular idea from the BBC and given it a somewhat different look. (17.795/21.740).

WEDNESDAY

- 1030-1055 At Your Request (Radio Australia). A straight-forward request program with most requests coming in from Asia and the Pacific with a few from North America and elsewhere. Most requests tend to be for hit songs of the last ten to twenty years, but there is an occasional surprise, such as the listener who requested "The William Tell Overture". Radio Australia requests that listeners send in at least three requests in order of preference so that they can be accommodated if for some reason their first or second choices are unavailable. (9.580).
- 2220-2240 People and Events (Radio Yugoslavia). When I first started listening to this program, it was aired on Monday. Somewhere in June, however, Radio Yugoslavia switched the timing of this program with "Spotlight on Culture" which had previously aired on Wednesday. They can play this editor all the dirty tricks they want, but I intend to include it anyway. So there! Each week features a series of segments devoted to life in Yugoslavia, both political and social as well as economic. Past segments have

included analysis of economic reforms and restructuring, political debates, cheese making in a Yugoslavian village, the 100th anniversary of a bloody labor strike in Yugoslavia and a feature on the popularity of horse racing in the country. (15.105/11.735/9.620. Repeated at 0020 on 15.105/11.735/7.215). The best time I've found to hear this program is a 0020 on 11.735.

- 2330-2345 The Poets of Arabia (Voice of the United Arab Emirates). Part of V.O.U.A.E.'s expanded service to North America, this program is well worth listening to if you're interested in comparative literature at all. The program will only run twenty-six weeks (by the time you read this they will be about on week 10) and stresses the pre-Islamic poets of Arabia. It's quite a fascinating program not only for the sake of the literature but also for its insights into pre-Islamic life on the Arabian peninsula. (13.605/11.985).

THURSDAY

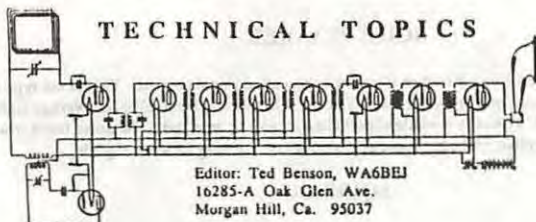
- 2215-2230 The Travels of Ibn Batuta (Voice of the United Arab Emirates). This is a series of thirty programs (by the time you read this on about program 5), devoted to the travels and observations of a 14th century Moroccan Arab, Ibn Batuta. The program is presented in the form of a dialogue with the traveler himself and parts of the stories he tells are sometimes dramatized by actors. Quite good from the little bit of it I've heard. (13.605/11.985).
- 0215-0230 Cultural Encounter (Voice of Free China). This program is a dialogue between Theresa, a Taiwanese Chinese, and Dennis, her American friend who is visiting the island as they discuss the things that strike Dennis about Chinese Culture and life on Taiwan. Past programs have featured discussions of Grave Cleaning Day, MTV Centers, typical Chinese meals, etc. This particular format was used for about two weeks, earlier in the year, as a new approach to the Tuesday program "Journey into Chinese Culture," but after two or three weeks was developed into a program of its own. (5.950/9.680/11.740).

FRIDAY

- 2215-2230 The Nights of Scheherazade: The New Arabian Nights (Voice of the United Arab Emirates). This program is actually telling of the tales of the 1,001 nights but technologically updated so that such things as radios, rifles, and telephones are self-conscious anachronisms in the program. The attempt is to show that the 1,001 nights are timeless and have as much application today as they did when they were first told. Actually all the wizardry, sorcery, etc. of the original tales is still in tact, and the stories are performed by actors who usually do a pretty creditable job. (13.605/11.985).
- 0125-0130 The Week in Czechoslovakia (Radio Prague). A run down of the major events—political, economic, social and cultural—in Czechoslovakia. (5.930/7.345/11.990).

SATURDAY

- 0115-0135 Checkpoint (Deutsche Welle). This program, which only airs on the second Saturday of every month, features an analysis of the West German political scene. Past programs have featured the recent successes of right-wing, neo-Nazi parties in local elections in west Germany, a retrospective at the first 40 years of the Bundesrepublik, and how the recent blood-bath in China is likely to affect West Germany's relations with that country. (6.040/15.105. Repeated at 0315 on 15.205 and at 0515 on 6.120/6.130). 2nd Saturday of the month.
- 0245-0250 The World of Stamps (Radio Havana Cuba). A program to philately, and divided into a number of segments. The first is usually a "philatelic exchange" in which listeners interested in exchanging stamps with other listeners can write in; the second usually features a recent Cuban or other S. American postal issue and some simple information about that issue; the third is the "Question of the Week", usually quite simple if you've listened to the program. Prizes for answering the "Question of the Week" correctly are recent Cuban postal issues or first-day covers. Previously the program also included a feature on Southwest American Indian rituals and ceremonies, a topic which I found fascinating but could hardly explain what it was doing in a philately program. This particular feature seems to have been dropped recently, however, but maybe it, or something similar, will reappear again in subsequent weeks. (11.820. Earlier at 0045 and later at 0445 on the same frequency).



Bells and Whistles

I'm shopping for a new shortwave receiver. Not that I really expect to buy one, you understand. It's just that whenever the noise level gets bad I curse my Heathkit SW-7800 and vow to buy a replacement. For several weeks I collect literature and dream. This usually lasts until my wife spots the childlike smile I get when I am thinking wicked thoughts, and I go back to cursing the lousy dynamic range of my Heathkit as I try to pick out some more "rare ones."

During my latest round of receiver fever I encountered several salesman who didn't appear to know what some of the bells and whistles on these expensive wonders were. With receivers now topping five thousand dollars at the upper end, it will be costly if you aren't able to sort out the apples from the oranges.

Here, then, is a brief summary of some of the more common enhancements found on modern shortwave receivers.

BFO

In the old days, AM was the rule for shortwave broadcasts. CW, or continuous wave (Morse Code) was used by amateur radio operators, ships, and aircraft. If you wanted to receive this second class of broadcasts, you used the BFO, or beat frequency oscillator. The BFO injected a tone into the receiver's mixer, causing the dots and dashes to become audible tones instead of just a barely discernible hum. The BFO could be adjusted to give a pleasing tone. In the 1950's SSB, or single sideband, became more and more popular in both ham radio and commercial applications. You could fit more SSB than AM stations in the same frequency range. Fortunately, the same BFO could be used to receive the SSB signals. You simply adjusted the BFO until stations stopped sounding like Donald Duck® and started sounding like a human being. It was a bit clumsy, and tended to drift a lot, but it worked.

Fortunately, most modern receivers have separate settings for USB, LSB, and CW. These settings inject a tone, like the old BFO, but the variables are preset. The only way to vary the tone or sound is to adjust the frequency you are tuned to. Some receivers only have a single setting marked SSB/CW. This is nothing more than a fixed BFO, and you must adjust the sound by varying the frequency you are tuned to. You must be careful! Some modern receivers, primarily portables, have no provision for receiving SSB or CW signals. If you are only interested in traditional shortwave broadcasters, and not hams, UTE's, or the "unknowns," this is O.K..

I mentioned BFO drift earlier. When evaluating a receiver, tune to a strong, consistent station, like WWV. Although WWV is an AM station, the CW position will cause a "zero-beat" or tone to occur. Listen to the tone for at least 15 minutes. If the tone changes pitch a great deal, this is not a very stable receiver. If you can afford better, pass this one by.

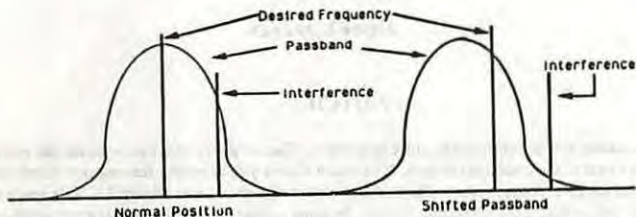


Figure 1. Passband Tuning

NOISE BLANKER

The noise blanker can be a lifesaver when it comes to so-called impulse noise. This is the type of noise that sounds like rapid popping or "hash." The noise blanker will establish an average signal level, and noise, which is typically a sudden level change, will be rejected. The noise blanker will not help on all types of noise, and can be undesirable when listening to weak signals.

SQUELCH

The squelch has long been a feature on VHF-UHF scanners, ham rigs, and CB radios, and it is gradually appearing on shortwave receivers as well. With a squelch, you select how strong a signal must be before it can be heard through the loudspeaker. This means that simple noise, or signals too weak to be intelligible, will result in a silent speaker. The problem is that shortwave signals, unlike those of the VHF and UHF bands, are not as varied as those on the shortwaves. On VHF and above, signals are usually FM, so noise and signal strength variations are rejected within the receiver. On AM, the noise and signal variations behave the same as the signal itself, and are passed on through the radio. If you set a squelch high enough to eliminate some noise, you may also prevent yourself from hearing weak or fluctuating signals. If you only listen to VOA, RSA, and Radio Moscow, a squelch is for you.

PRESELECTOR

Although a preselector can always be added as an outboard accessory, it is often more convenient to have this feature built-in to the receiver. Note that a preselector is not the same as an antenna tuner or matching control, though such controls are frequently labeled "preselector." The preselector allows you to tune a narrow range of frequencies. This can be quite useful when faced with strong interference. People who live in the midst of a strong AM broadcast station, ham, or CB'er know the value of being able to peak the desired signal while the rest all but disappear. The antenna tuner, or matching control, allows you to match an antenna's impedance to that of the receiver's input. When using a single antenna for many bands this can result in an improvement of several S units.

PASSBAND TUNING

It is becoming increasingly difficult to separate stations in the crowded shortwave bands of today. There are physical (and economical) limitations on the selectivity of shortwave receivers. Very sharp filters can help, but they are expensive, and their parameters cannot be adjusted once manufactured. An excellent compromise is passband tuning. In passband tuning, the actual center frequency you are receiving is that indicated (hopefully) by the receiver's readout. But you can shift the bandwidth around the center frequency to escape a nearby signal (see Figure 1). This valuable feature may be increasingly harder to find, because the alleged patent holder is threatening lawsuits against companies using the feature. Recently Icom Corporation began shipping their venerable R-71A without the passband tuning found on earlier units *without changing the model number!*

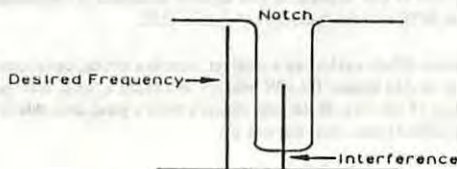


Figure 2. Notch

NOTCH

Sometimes a station sits uncomfortably close to another. The only way you can separate the two is to "surgically extract" the undesired station. The notch allows you to render the receiver numb to a sharply defined range of frequencies in the midst of other frequencies (see Figure 2). This notch can be adjusted to fall on top of the offending station. In some notches, you can also vary the width of the notch. The notch will not remove more than one interfering signal, unless several are very close together. Nor will the notch do any good if the interfering signal is too close to your target signal.

Q-MULTIPLIER

In the old days, some manufacturers devised a dual notch filter, and called it a "Q-multiplier." The Q-Multiplier allowed you to artificially narrow the receiver passband. The Q-multiplier isn't seen much today, at least not in consumer receivers.

MEMORIES

I used to think that memories were a very frivolous option on a shortwave receiver. As long as you only listen to scheduled shortwave broadcasts this is probably true. If, however, you enjoy searching for unusual frequencies, or "guarding" multiple, infrequently used frequencies, the memory is an essential function. Most memories operate by allowing you to enter a frequency and then pressing a "store" button. The simplest memory arrangement allows you to store the frequency - but nothing else. The more elaborate memory schemes, however, allow you to also store the operating mode, a selected antenna, and even brief notes about the frequency. Clearly, this can be a powerful aid to the committed (or soon to be committed) listener. The number of memory channels varies, too, from just a few to literally hundreds.

SCANNING

Scanning is a feature which often accompanies memories. Scanning allows the user to preselect memory channels, then scan them repeatedly, stopping when an active channel is found. Scanning has long been used when monitoring public service broadcasts on VHF and UHF, and it is making a strong showing on modern shortwave receivers.

SEARCHING

For those who enjoy looking for new frequencies, searching is the answer to a prayer. Most search schemes allow the entry of a lower and upper frequency limit. On activation, the receiver will start at one limit and tune continuously to the other limit, stopping (and in some cases recording) any active frequencies. If you were a utility listener (a "UTE") you would most likely program a band designated for such stations, and search. It's a lot less tedious than spinning the knob by hand for long periods.

SUMMARY

The features I have described are like those of a new automobile: not all of them are suited for every buyer. Shop carefully, and compare what is available until you find the right combination for you.

AN APPEAL

There are many physically handicapped people out there who love to listen to shortwave. For them, the physical boundaries of their handicap are crossed by the limitless expanse of shortwave radio. Like many SWL's, these listeners would like to work for a ham radio license. But because of their situations, they are further limited in what is an already difficult (but fun) endeavor.

Enter the Courage Handi-Ham Center. This organization coordinates volunteer ham operators to help prospective hams study for their licenses, loans basic equipment to handicapped students, and promotes an understanding of physical handicaps and the cooperation of ham radio. The Courage Center is always looking for volunteer licensed amateurs, as well as donations to further their activities. I urge anyone interested to contact the Center at:

Courage Handi-Ham Center
3915 Golden Valley Rd.
Golden Valley, MN 55422

FRENDX PORTRAITS

a look at the members of NASWA

edited by Tom McElvy - P.O. Box 9645 - Norfolk, VA 23505-0645

E-Mail on ANARC BBS - ODDX BBS - CompuServe 73677.2351 - PC-LINK (TomM77)

Hello again, and welcome to another **FRENDX PORTRAITS**. *I hope that you all enjoyed ANARCON '89, and hats off to Jeff White and his staff for a job well done.* I had the pleasure of meeting Log Report C Editor Jerry Ervine, and we had a long discussion about NASWA and the hobby. Great meeting some of the other folks out there, including Kaz Matsuda from NHK, Jonathan Marks of Radio Nederland, Tom Sundstrom, Kirk Baxter of the ANARC BBS, Glen Hauser, and many more. A great show, and great people (and the food was GREAT...but that Danish beer at 2AM...!!)

This month we hear from another **FRENDX** editor, Wallace Treibel from Seattle, Washington.

Wally writes: "Depending on my educational a family time requirements, I have been involved with shortwave listening since the late 1940's. I started out with a little Hallicrafters S-38, then to a SX-42, a Hammarlund HQ-180, a Yaesu FRG-7000 and now the "creme de la creme," a NRD-525. At present, my only antenna is an Eavesdropper trapped dipole mounted between two trees about 50 feet in the air. Needless to say, I had a professional treeman help me! I do not collect QSLs anymore, but I maintain a loose-leaf log register of stations heard (in frequency order) and have done so since 1962. However, I do not re-record any station more than once a year.

I have been editing the Log Report D column of **FRENDX** for the past 5 years and have been a member of NASWA since 1972 or so. I own a satellite dish and am an ardent sports fan so as one might guess, my DXing has suffered somewhat over the past few years.

I will be 69 years old this summer and have been retired from the University of Washington since 1983. I was an administrative officer for

over 32 years after graduating from there in 1950 under the good old GI Bill.

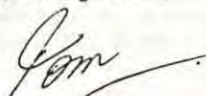
The May issue of **FRENDX** included a bio of Dr. Richard Wood in Hawaii. I found his resume particularly interesting since I had the chance to visit him briefly in 1985 and see his setup. I envied the fantastic beverage antennas he had created and marveled at how he was able to pull in medium wave stations of relatively low power in the USA. And he did this without the luxury of public power which we all take for granted!

Each month, I prepare the Log Report D section on my trusty Radio Shack TRS-80 and what a Godsend this instrument is. No more erasing my typing goofs of which there were many! In May, I took over two weeks off to go to Yosemite, Disneyland and visit my youngest daughter in San Francisco. When I got home, I had one day to organize all the logging slips and type up the material. Thank God for Express Mail and Bill Oliver's patience!

I have certainly enjoyed this new column, since it makes it possible to "meet" other members even though you can't see them in person.

And I have certainly enjoyed it too, Wallace! Time is rather short this month, as I spent 10 days in Florida. Just as a reminder, the **1989 EAST COAST SWL CONFERENCE** is coming up in **September, on the 16th & 17th**. Guests include **KAZ MATSUDA** from Radio Japan, **TREVOR MORGAN** of the International Listeners Association in Great Britain, **Bob Brown** of the ANARC SWL Net, **Bob Horvitz**, Executive Director of ANARC, and many more. There will be a huge flea market, dealers and manufacturers galore. Hope to see you folks there soon!

Until next month, 73 and good DX!



Reminder Time!

Be sure to send in YOUR biography soon. This column (as well as the rest of the journal) is dependant on YOU, the reader. Let's get the feeling of family back into this wonderful hobby!

NASWA Awards Program

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

Greetings and welcome to the NASWA Awards Page. The following folks have earned NASWA Awards recently:

Richard R. BRADLEY, Jr., Largo, FL: World Wide DXer; European Continental DXer

Steven R. LAKE, Holland, MI: All Continent "QRP" DXer (10 kw endorsement); Antarctic DXer

Rev. John C. ECKERT, Collegeville, PA: South American Continental DXer

Cris HAZARD, New Hope, PA: World Wide DXer

Brent ALLRED, Radio HCJB, Quito, Ecuador: DX Centurian, DXer de Pacifica, All Voice of America DXer

Harold BUTCHER, Hyde Park, MA: World Wide DXer; European Continental DXer

Tom OVERCAMP, Seneca, SC: South American Continental DXer, European Continental DXPert

Dr. Delbert FYE, Miami, FL: Master China DXer

Sheryl PASZKIEWICZ, Manitowoc, WI: Senior Indonesian DXer

John WILKINS, Wheat Ridge, CO: All Germany DXer

John DOHERTY, Philadelphia, PA: World Wide DXer, European Continental DXer

Richard LANE, Dawson, IL: World Wide DXer, European Continental DXer

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

Nice to see several new participants this time around and the return of a few "old timers". As we enter our Sixth year of serving as NASWA Awards Chairman we find that we enjoy the job as much as we ever did.

We had the pleasure of visiting with old friend Harold Woering, 48 Campbell Drive, Easthampton, MA 01027 recently. Harold has assumed the Awards Chairman position for SPEEDX replacing Jack Jones who did such a magnificent job for many years. Harold has a new Awards List available and one does not have to be a SPEEDX member to participate. \$1.50 or equivalent to Harold will get you a copy. The SPEEDX Program complements, rather than competes with the NASWA Program.

Since we haven't mentioned it for some time, the cost of NASWA Awards remains the same as it's been for 5 years, notwithstanding several USPS increases. \$1.00 each in North America, \$2.00 each elsewhere. All Awards are mailed flat with a chipboard stiffener to prevent damage in transit. If for some reason the Postal Service chews one up, return it for a Free replacement.

We are out of the 1986 NASWA Country List and Awards Program booklets, but NASWA Publisher Bill Oliver still has a supply. The cost is \$2.00 in North America, \$3.00 elsewhere. Orders should be placed directly with Bill at the Levittown address.

We have not yet seen a copy of Fine Tuning's 1989 Proceedings book, but based on the 1988 Edition it will be a most valuable addition to any serious DXers Library. See the July issue of FRENDX for details.

We have quite a few World Radio TV Handbooks ranging from 1971 to 1988 available. These are part of the estate of the late Tom Farmerie and all proceeds will go to his family. An SASE will bring a current list. We also have a large box of various radio publications (FRENDX, SPEEDX, RIB, etc) available. First check for \$10. gets the whole box postpaid (U.S. mailing addresses only on this please). There are approximately 200 bulletins in the box.

Till next time.

Best, Kap 7/20/89

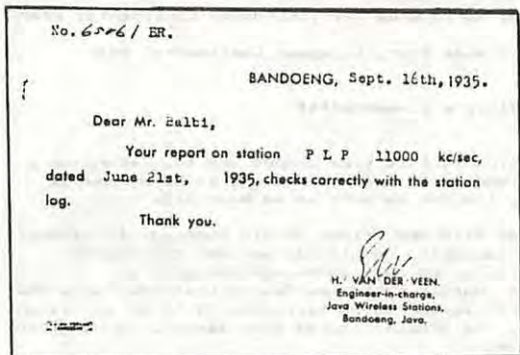
the **CPRV** page

COMMITTEE TO PRESERVE RADIO VERIFICATIONS

JERRY BERG, Chairperson • 38 Eastern Ave. • Lexington, MA 02173 • (617) 861-8481



To the Dutch East Indies this month. +++ NIROM was the Dutch broadcasting network on Java, the long-ago precursor of today's RRI. Batavia was the Dutch name for present-day Djakarta. This NIROM card was a generic veri, used in the 30's to verify different NIROM locations. This one is for a report on YDB-Soerabala (as it was spelled then), 9550 kHz. It was reported as using 1 kw. In The CPRV collection we have an identical NIROM card verifying reception of PLP, Bandoeng, 11000 kHz. That card belonged to Glenn Atkins, father of DXer Gary Atkins. +++ You could also verify PLP direct, as August Balbi did. He received the card shown here, from Java Wireless Stn PLP, which was reported as often relaying YDB. It used 1.5 kw. +++ The card from Radio Omroep Nieuw Guinea is an undated veri from Al Niblack's collection, and probably dates from the mid 50's. "Hollandia" is crossed out and the town's "new" name of Blak is typed in. This station started life as YDZ, operating out of a shack left behind by the US armed forces after WW II. Two Netherlands Army sergeant majors began broadcasting musical programs using a 350-watt xmtr. The station eventually developed into a 5 kw operation on 7190 kHz. +++ For more info on CPRV, send a business size SASE to JB at the address shown above. 73 for now --



A Committee of the Association of North American Radio Clubs



Listeners Notebook

Editor: Bruce MacGibbon, 2295 NE Juniper Ave., Gresham, Ore. 97030

NOTE: BBC Monitoring Service items (designated WBI for World Broadcasting Information) are copyright and may not be reproduced without BBCM permission.

PLAYING THE NAME GAME - How Burma became Myanma. When a country's name disappears from the map, it is often the result of conquest or collapse. But there is a less violent explanation that proves the pen is at least as mighty as the sword. Perhaps the country has merely changed its name.

The most recent case is Burma, which has just renamed itself Myanma (pronounced Mee-ahn-ma), the name the Burmese, oops, the Myanmans, have always preferred. In April Cambodia, which since 1976 had been known as Kampuchea, became Cambodia again. That was the fifth time in the past 20 years that the country has changed its name. Prince Norodom Sihanouk, the Cambodian resistance leader who is notorious for his own shifting stance on his country, has at least found a way to keep up with its changing names. When he speaks English, he calls the country Cambodia. When he speaks Khmer, he calls it Kampuchea. When he speaks French, he refers to it as Cambodge.

No international laws govern the christening of countries: that label that sticks is determined by the tastes or even the sanity of its rulers. Anti-colonialism, however, is the most common rationale for national renaming. During the 1950s and '60s, anti-colonialism swept through the newly independent nations of Africa. The Gold Coast dubbed itself Ghana, in honor of an ancient African empire that was located hundreds of miles from the modern nation. When the Belgian Congo became independent in 1960, it renamed itself the Republic of the Congo. Eleven years later, President Joseph Mobutu rechristened it the Republic of Zaire. A year later, he took his policy of "authenticity" personally, renaming himself Mobutu Sese Seko Kuku Ngbendu Wa Za Banga, which means, more or less, "the all-powerful warrior who will go from conquest to conquest trailing fire in his wake."

Sometimes rulers decide it is best to leave well enough alone. Filipinos have long bristled at the colonialistic implications of calling their country the Philippines, in honor of Philip II of Spain. During the regime of Ferdinand Marcos, there was a campaign to rename the country Maharlika, a native word meaning noble and aristocratic. Plans for the rechristening proceeded apace until an academic pointed out the word was probably derived from Sanskrit. Fine, its proponents said, Sanskrit is a non-imperialistic language. Yes, replied the scholar, but Maharlika was most likely derived from the words maha lingam, meaning "great phallus." That was the end of the campaign. (via "Time Magazine" dated June 19, 1989) (See Myanma)

AUSTRALIA - Via Radio Australia's "ELP Extra": Try to Remember - Wed 0130, Thu 1930, Sun 1030, Tue 1530. 1970: Aussie "cover" his flourish after British recordings are banned by Australian commercial stations. (Starts 9/8). 1971: A good and memorable year for Australian artists as the local industry prospers. (Starts 16/8). 1972: Pipes and Drums of the Royal Scots Dragoon Guards, Smacka Fitzgibbon and 50s rocker Johnny O'Keefe: definitely a year of contrasts! (Starts 23/8). 1973: First past the post for a champion racer, country stars shine and an Aussie rock'n'roll classic is launched. (Starts 30/8).

Taim Bilong Masta - The concluding chapters of Tim Bowden's account of Australia's colonial role in Papua New Guinea. - Thur 0730, Fri 1530, Sun 0930, Tue 0230, Wed 2030. War: Japan's World War Two invasions caused massive disruptions and let Papua New Guineans see

their rulers in a different light. (Part One starts 3/8, Part Two on 10/8). A Reason for Being There: Bringing rudimentary medical and health services to widely scattered villages was a challenging and daunting task. (Part Two on 24/8). Going Finish: The lead-up to independence in 1975 of Australia's colonial rule. (Part One starts 31/8, Part Two on 7/9). Frequency File: A new service to the Indian subcontinent and Indonesia, Malaysia and Singapore started on 5 July. It's 21525 operating from 01-09 and 13-1430 daily, in place of the transmission on 17715. The first transmission is from Canarvon and the second from Darwin. Broadcasts to China on 17715 have been extended and can now be heard 01-0930 daily via Darwin.

BHUTAN - Via a clipping from "Kuensel", Thimphu dated June 24, 1989: Fifty Kilowatt radio station: A fifty kilowatt radio station under assistance from the Government of India and executed by the All India Radio is nearing completion. The turnkey project involves the transmission component and the building complex.

Under a joint project with the UNESCO/DANIDA, a four member project team led by Mr. Carlos Arnaldo of UNESCO and Mr. Knud Ebesen of DANIDA was in Thimphu this week to launch a project with the Bhutan Broadcasting Service which focuses on in-country training for programming with emphasis on programmes of an educational and cultural nature. The work on the UNESCO/DANIDA project was initiated some time ago.

The project team while in the country called the Minister for Communications and Tourism, Lyompo T. Tobgyel. Mr. Knud Ebesen presented a set of sound effects to the Minister as a gift from the Danish Radio.

The sound effects recorded on compact discs will be used by the national radio, BBS.

For Programmes in the English Service: The news in English at 8.15pm Mon-Sat, and at 3pm on Sunday. Sat: "About Town" - BBS producer Kunzang Thinley chats about wildlife with Dr. Bruce Bunting, the Asian Director of WWF. Sun: "Listener Choice" - the weekend music request show with your favourite songs for your favourite people. Mon: A selection of country & western songs in "Music for you in the country style". Tues: Experts from the international Labour Organisation talk about woman entrepreneurs. The first of a two-part programme. Wed: Take a mid-week music break with "Music Moves". Thu: "UN Calling Asia" looks at UN disaster relief and the work of UNIDO, and there's more about ESCAP too. Fri: "Music for your listening pleasure" to soothe you at the end of the working week. The Bhutan Broadcasting Service in the 49 metre band 6035 KHz and FM 96 for listeners in Thimphu. (via Eric Bop, CA.)

BOTSWANA - Since 19th June, Radio Botswana's 60 metre band outlet has been observed on 4830 instead of 4820. This freq is in use from 0350-21. (via WBI 30/6) Radio Botswana, formerly on 4820, has moved to 4830. Has EE news 1610. (Richard E. Wood, Ph.D., Hilo, Hawaii)

CAMBODIA - Formerly known as 'The People's Republic of Kampuchea', it will now be referred to as the State of Cambodia. The Vietnamese installed Prime Minister Mr. Hun Sen has also told reporters that the Parliament in Phnom Penh agreed on this change partly to help settle the country's 10 year conflict, further remarked that the Parliament had also agreed on a new flag and national anthem along with changes to the socialist constitution. In the meantime, checking on its external radio service, formerly known as the Voice of the People of Kampuchea, is now identifying itself as 'This is the Voice of the People of Cambodia' and currently broadcasting in the EG language at 0000-0015 and at 12-1215 on 11938. Also listed in many publications to be coming on 9695 but this freq. does not provide any reception of the station here in Penang--this as of many, many months back (perhaps receivable elsewhere?) The Home Service in Cambodian is heard quite well during the mornings here at 23-01 on 4909v, 6090 (the best) and 6143v. Other times of transmissions, on the same freqs. are 0430-0630 and 11-1445. (via "SE Asia DX News" No. 3 compiled by Lim Kong Jin, Penang, Malaysia)

CANADA - 13660NF, 2045, RCI, FF into Czech at 21 on 2/7 (Bob Padula, Surrey Hills, Australia)

CHINA - World of Radio 7/13: Glenn Hauser: At last we have a report

from inside Radio Beijing on the events in May and June. Thanks to Joe M. Rubin, San Francisco for forwarding this clipping from the "San Francisco Examiner" on June 30th. Many thanks to Glenn Hauser for reading it over his World of Radio program. I received a copy of that a few days later via a newspaper distributing company. (bmm)

Eyewitness - Radio Beijing: Risking lives for truth. Journalist tells of colleagues' courage in testing limits by Steven Crandell, Special to the Examiner:

My Chinese co-workers at Radio Beijing risked their lives to tell the world the truth. No subtlety. No need to read between any lines. They simply reported that the Tiananmen Square massacre was wrong. They may never get the chance to report that way again.

I have worked 14 months in Radio Beijing's English Department, where I am one of five advisers. We correct grammatical mistakes and promote basic journalism guidelines of objectivity and thoroughness for the Chinese reporters.

There are times when living up to those guidelines is politically impossible. But in recent months, the reporters pushed the limits further than they ever had before, going so far as to voice their own dissent from the government line. Now their exhilaration has been replaced by silence.

Some simultaneously tested the limits while trying not to antagonize the government. One of those was news director Li Dan. He has pushed hard for Chinese Media freedom. He's also a Communist Party member and a veteran of many Chinese upheavals, including the Cultural Revolution. He knows what the government requires.

Another decision maker is Wu Xiayong. Besides being one of the best English-language reporters in China, he's also the son of Vice Premier Wu Xueqian. (Note: My Chinese Friends tell me it should be Xueqian.) (bmm)

Wu Xiayong was my journalism classmate in the United States eight years ago. We still talk about our first joint television production, a short story about an imaginary navy. We built our fleet out of paper and ceremoniously sank the flagship in a journalism school toilet. Most of the English Department reporters are not so far removed from their school project days. They are young, they like Western ideas and they question authority. They had to be convinced of how sharply the government could strike.

Speaking out - Radio Beijing's English Department was no government mouth-piece while the democracy movement flourished. Radio Beijing broadcasts in 38 other languages, but the English-language service did the most to speak its own mind.

We reported the presence at one demonstration of banners supporting the Shanghai Economic Herald, whose editor had been fired by the government for printing stories considered too sympathetic to the protesters. We also used the phrase "student movement" something the government would not do. The government refused to recognize that the students were calling for change.

Radio Beijing's Xie Qiao reported the government's embarrassing inability to roll out a proper red carpet for Soviet President Mikhail Gorbachev at his arrival at the Beijing airport May 15. No one had been able to get the carpet out of downtown, which was jammed with demonstrators.

The Chinese Foreign Ministry had tried to cover this up, but Xie Qiao saw no reason to go along. "Of course that's what happened," he said. And that's what we aired.

Facts were no guarantee - We all knew, however, that facts didn't guarantee safety. The government gave few clear censorship signals, but Li assumed the role of self-censor, regularly crossing out dozens of paragraphs from newscasts.

One story that didn't make it past Li was an interview with a student protester who said senior leader Deng Xiaoping, at 84, was too old to govern and should step down. The reporters and advisers wanted the interview on the air. But, one sentence from Li, "We can't use that," ended the debate.

We did use interviews with parents who begged the government to meet student demands and commuters who told us they would rather cheer the democracy movement than fight the traffic jams. For the first time, we were putting on the air voices that complained the government wasn't really listening.

These were the most exciting days of the reporters' lives. On May 17, they tore down office curtains to use as banners, painted slogans across their T-shirts and marched to Tiananmen Square to join a

million other pro-democracy demonstrators.

One reporter had been sick at home for the past 10 days. But she made certain she was carrying one of the banners.

We even conducted mock interviews with each other. "It may take two months for the government to react." "When the peasants join, then the country will change." "Li Peng (the hard-line premier) can't save himself."

We marched again the next day. The same huge crowds. The same wild cheers. And the same euphoria. What could the government do to punish 1 million people?

We had our answer in a matter of hours. At 7p.m., the government televised Premier Li's first attack against both students and journalists. The head of Radio Beijing's ministry ordered the English Department not to air any more controversial stories.

Shock and fear - One Chinese reporter was too upset to go home that night. "China has the worst government in the world," she said. Others decided that Li Peng had gone mad. One of the older reporters warned that the Cultural Revolution was returning.

Our story on the demonstrations the next day urged the students in Tiananmen Square to give up their hunger strike. My favorite Chinese cynic at Radio Beijing announced that "Maybe we have been too biased against the government." Some people were afraid to talk at all.

Li Peng authorized martial law May 20. Fifty soldiers with the People's Liberation Army moved into Radio Beijing the same day.

But even though the troops were in the huge building, they had no effect on our work. I never even saw any in the English Department.

We asserted our independence one more time after the army's June 3-4 assault on Tiananmen Square. Li Dan went on the air June 4 to condemn the unnamed Chinese officials who had authorized the murder of innocent people, including colleagues at Radio Beijing. He described the night as the worst in China's history.

The journalists who decided they must broadcast the truth about the massacre knew they were risking their lives. No other government department took that risk.

There was no sign of Li in subsequent broadcasts, and no more news about the demonstrations. The rumors spread quickly.

"The Secret Police executed Li Dan." The people who told me this cited sources from almost everywhere - other Chinese journalists, overseas, even the Canadian Embassy.

The Army was still firing shots near Radio Beijing in the week after the massacre; it took me four days to find out Li was safe and another day to get to the office to see him.

By then his immediate fear had passed. He had been careful not to stay in one place very long. Some people already had organized memorials for him. But he was able to tell me, in person, that he was still alive and planned to stay that way.

Li also knew the party disciplinarians would come. "I don't know who they will punish, or what the punishment will be," he said. "But they will come."

I wasn't willing to stay for that. There was almost no work for me in the office, and life in Beijing was too tense to enjoy. I saw the friends that I could, then boarded a plane for Hong Kong.

Li was right. The sweep did come. The party already had replaced the editor of People's Daily, though I have no idea what has happened at Radio Beijing. I hope someone I trust answers my letters.

I have one month to decide whether to return to China. Work will never be the same again. But if my friends are there, I want to be there. They are the most courageous people I have ever met, and they know exactly what good journalism is all about. (There was also a picture of Author Steven Crandell, English adviser, carrying a Radio Beijing banner in the solidarity march through the city May 18.)

Note: "Asia Watch" on July 18 still had not decided the announcer was Li Dan. I telephoned a Ms. Guthrie at "Asia Watch" and informed her of this article. She requested a copy and "The Northwest Regional China Council FAXed a copy to her. I am a news gatherer for the "Northwest China Regional Council". On one of the Wednesday night briefings, one of the Chinese students, I am making Domestic Chinese Radio tapes for, used some information he picked up off the tapes. I am currently making at least 6 hours of tapes a week. If anyone sees any more articles about Radio Beijing, could they please send them to me. It would be really appreciated. (bmm) Eric Swedberg, Oregon just received a QSL Card from Radio Beijing for frequency 11855. Site was listed as Jinhua, Zhejiang province. So Radio Beijing is

listing sites now! Via my informant the sites for these freqs are:
Mali: 15130, 17715, 11715, 15130; Spain: 9690; French Guiana: 11685;
Canada: 11840; Shijiahuang, Hobei Province: 17855; Jinhua, Zhejiang
Province: 11855; and Beijing: 15195. (bmm)

Ref Page 24 in LN Jul 89 under China or Non China - I (bmm) was
informed by Tetsuya Kondo, Yokohama, Japan, that the station on 8375
is "Beijing Calling". (He says) I forgot its first reception now, may
be around 1977. (Gave me the characters in CH). You should treat it
Beijing Calling, adding "for help" is certainly wrong. It often
broadcasts #s. Someone informs me that it is aero-service station
from Beijing. "Guangdong Calling Station exists also. Will be
sending further details!

CBS First pgm, all pgms one hour earlier during summer, freq change
times approximate: *1958 on 12120, 11610, 11330, 10245, 9080, 9064,
7516, 7504, 7440, 6840, 6750, 6125, 5915, 5880, 5320, 4660. 22
17605, 12120, 11610, 11330, 10245, 9800, 9080, 9064, 7516, 7504,
7440, 6840, 6750, 6125, 5915, 5880, 5320, 4460. 23 17605, 15550,
15390, 12120, 11610, 11330, 10245, 9800, 9064, 7504, 6840, 6750,
6125, 5880, 5320. 0000 17605, 15550, 15390, 12120, 11610,
10245, 9800, 9064, 7504, 6840, 6750, 6125, 5880. 02 17605, 15550,
15390, 12120, 11610, 11330, 9064, 7504, 6840. 06 17605, 15550,
15390, 12120, 11610, 11330, 9064, 7504, 6840. 08 17605, 15550,
15390, 12120, 11610, 11330, 9064, 7504, 6840. 11 17605, 15550,
15390, 12120, 11610, 11330, 9064, 7504, 7440, 6840, 6750,
6125, 5880. 14 15390, 12120, 11610, 11330, 10245, 9800,
9064, 7516, 7504, 7440, 6840, 6750, 6125, 5880. 13 17605,
15390, 12120, 11610, 11330, 10245, 9800, 9064, 7516, 7504,
7440, 6840, 6750, 6125, 5880, 4460. 14 15390, 12120, 11610,
10245, 9800, 9064, 7516, 7504, 7440, 6840, 6750, 6125, 5880, 4460.
15-1735* 15390, 12120, 11610, 11330, 10245, 9800, 9064, 7516, 7504,
7440, 6840, 6750, 6125, 5880, 4460.

CBS Second pgm: *2058 15030, 12200, 11740, 11630, 10260, 9400,
7770, 6890, 5163, 5075, 4250. 2230 15030, 12200, 11740, 11630, 11505,
10260, 9775, 9400, 7770, 6890, 5163, 5075, 4800. 2330 15500, 15030,
12200, 11740, 11630, 11505, 11040, 10260, 9775, 9755, 9400, 5163.
0000 17700, 15500, 15030, 12200, 11740, 11505, 11040, 10260, 9775,
9755, 9400, 7770. 01 17700, 15500, 15030, 12200, 11505, 11040, 9775,
9755, 9400, 7770. 02-06 17700, 15500, 15030, 12200, 11505, 11040,
9400, 7770. The 06-0955 is daily except Wed & Fri: 17700, 15500,
15030, 12200, 11505, 11040, 9400, 7770. 0955 17700, 15500, 15030,
12200, 11505, 11040, 9755, 9400, 7770. 1030 17700, 15500, 15030,
12200, 11630 (from 1100), 11505, 11040, 9775, 9755, 9400, 7770. 1130
17700, 15500, 15030, 12200, 11630, 11505, 9775, 9755, 9400, 7770,
6890. 12 17700, 15500, 15030, 12200, 11630, 11505, 9775, 9400, 7770,
6890. 13 17700, 15500, 15030, 12200, 11630, 11505, 9775, 9755, 9400,
7770, 6890, 4800. 14-16* 17700, 15500, 15030, 12200, 11630, 11505,
9775, 9755, 9400, 7770, 6890, 4800, 4250 (1430).

Broadcasts for National Minorities: All broadcasts 26 minutes long:
0000 Tibetan 15670, 11630, 11375, 7110-Lhasa, 5995-Lhasa, 4085-Lhasa;
0030 Uighur 15670, 11375, 10260, 5800-Urumqi, 4735-Urumqi, 3990-
Urumqi; 01 Kazakh 15670, 11375, 10260, 5440-Urumqi, 4970-Urumqi,
4330-Urumqi; 0430 Korean 9920, 9775, 8566; 05 9920, 9775, 8566, 6974-
Hohhot, 4800, 4525-Hohhot, 1458-Hohhot; 0530 Tibetan 17635, 15670,
11630; 06 Uighur 17635, 15670, 10260; 0630 Kazakh 17635, 15670,
10260; 10 Korean 9920, 9775, 8566, 1206-Yanji; 1030 Tibetan 15670,
11630, 11375; 11 Uighur 15670, 11375, 10260; 1130 Kazakh 15670,
11375, 10260; 12 Korean 9920, 9775, 8566; 1230 Mongolian 9775, 6974-
Hohhot, 5420, 4800, 4525-Hohhot, 1458-Hohhot; 13 15670, 11630, 11375,
7110-Lhasa, 5995-Lhasa, 4085-Lhasa; 1330 15670, 11375, 10260, 5800-
Urumqi, 4735-Urumqi, 3990-Urumqi; 14 Kazakh 15670, 11375, 10260,
5440-Urumqi, 4970-Urumqi, 4330-Urumqi; 1430 Mongolian 11375, 10260,
5060-Urumqi, 4980-Urumqi, 4220-Urumqi; 2130 Korean 9775, 8566, 5420,
1206-Yanji; 22 Mongolian 9775, 5420, 4800, 4750-Hailar, 1431-Hailar.

CBS Taiwan Service First pgm: Only approximate freq usage is
shown in this schedule. Freqs are changed progressively over the hour
prior to that shown: *0053-0608* 15710, 11925, 11100, 9455. *0953
15710, 11925, 11100, 9455. 1315 11925, 11100, 9455, 9380. 2215-0004*
15710, 11925, 11100, 9455.

CBS Taiwan Service Second pgm: *2053-0104* 11000, 9170, 6095.
*0353 15880, 11000, 9170, 6095. 0605-0955 except Wed: 15880, 11000,
6095. 0955 15880, 11000, 6095. 13 11000, 9170, 6095. 1355-1804*
11000, 9170, 6095. (via WBI 14/7) 4915, 1143, Guangxi PBS,
Nanning, CC. Here's a literal translation of what I heard thanks to

my Chinese Friend. It was CPBS program on farming. At 12 there were the 4 + 1 time pips then W "Beijing Xialing(Summer) shi(time) er(two)-shi(ten)-yi(one)-dian(o'clock)-zheng(exact) then ID "Guangxi Ren min Guangbo Diantai. This was followed by brief music then Ting zhong, Nin hao (How do you do listeners!) Then announcer gave her name as XiaoHe. This was followed by Sports News with lead item being about the "Tour de France" on 10/7. (bmm)
6100, 2315-2355, Urumqi, unusual morning opening, CH Network, selections of local songs, vocals, all over DW co-channel//7385 where also heard at great level on 15/7. (Bob Padula, Surrey Hills, Australia) 7195, 2320-0000, Rare frequency during unusual morning opening, Uighur service, vocals and announcements on 15/7. (Bob Padula, Surrey Hills, Australia) 7385, 2340-0000+, Urumqi, Excellent level during strange "Urumqi Mode" opening, CH service//6100 on 15/7 (Bob Padula, Surrey Hills, Australia) 11975NF, 2040-2130*, Radio Beijing, FF t/Eur on 5/7 (Bob Padula, Surrey Hills, Australia) 15390NF, 1450, CPBS-1, CC Opera//7516, 7504, 17890(jammer), 15410 (jammer) on 1/7. At time didn't know it was new freq but confirmed by WBI above. (bmm)15443, 1443, CPBS-1, CC Opera//15410 (jammer) on 15/7. This the frequency I use to tape for my Chinese friend. It is real strong. (bmm)

COLOMBIA - Cadena Sutatenza was closed down definitely on February 17, 1989. Financial trouble forced Accion Cultural Popular to sell out their broadcasting facilities to Caracol. Former Sutatenza HQ, at Cra. 39A #15-81 in Bogota, is now being rebuilt, and Caracol is to move in there by the end of 1989. As a gesture to Sutatenza listenership, MW tx's formerly run by Sutatenza will offer programs partly different from those of Caracol cadena basica, and stations have been renamed as follows: 590 Caracol Antioquia, 700 Caracol Pacifico, 810 Caracol Colombia, 960 Caracol Caribe. The 1010 tx, at Barranquilla, will probably move to Santa Marta, where present cadena basica outlet is thought to be inadequate. Former Sutatenza SW outlets have been reactivated (HJGC 5075 25, HJGE 5095 50, and HJIA/sic/6075 10), but sked is irr. HJEU 4755 10 is 24h. Other Caracol changes: (just involving SW (bmm): 37) 880, 4845 Caracol Bucaramanga (ex R. Bucaramanga), 15 kW on MW, 1 on SW. (Henrik Klemetz via WRTH LA-NL in 89/7 "DX'ers Calling", the monthly magazine of DX Australia")

Caracol Noticias (news) is noted 05-0530 on 5075, a frequency used by Radio Sutatenza some years ago. 810, also a Sutatenza frequency, is in parallel. Commercials are included, whereas Sutatenza is, or was, noncommercial and educational. The exact identity of this station remains unclear. (Richard E. Wood, Ph.D, Hilo, Hawaii) 6075, 2331, Caracol, Mixing in with Deutsche Welle. Caracol ID and traditional music heard. This is listed in the 89 WRTH as an irregular Sutatenza frequency. Remember that Sutatenza was sold to Caracol recently//5075 on 23/6 (Hans Johnson, GA)

EGYPT - 9670, 2145, Radio Cairo, Found on this unsked outlet with General Arabic program//9850 and not on usual 9475 on 7/7 (Bob Padula, Surrey Hills, Australia)

FEDERAL REPUBLIC OF GERMANY - 11845, *2200-2228*, DW, New morning service in CC but bad QRM from co-channel Helsinki, latter intended for Australia on 8/7 (Bob Padula, Surrey Hills, Australia) 13780NF, *2100-2150*, DW, Julich, EE to Australia/Asia//9670 (Trincomale, 11785 (Trincomale), 9765 Wertachtal on 19/7. Apparently introduced mid-July. (Bob Padula, Surrey Hills, Australia)

GERMAN DEMOCRATIC REPUBLIC - 9640, *2100-2145*, R. Berlin Int'l, Italian Service to Europe now QRming the Brazilian on 9645, but leaving Vatican generally clear on 9640, but still QRM from/to Ecos del Torbes on 8/7 (Bob Padula, Surrey Hills, Australia)

INDIA - AIR Shillong's new 50 KW HF transmitter is heard testing daily since 4th April 89 on 3255 at 0125-0220 & 1225-1720. There is continuous music (Hindi films, instrumentals, etc.) in the mornings, while in the evenings it relays new AIR Shillong MF outlet on 864. There's a news relay from Delhi at 1230 EG, 1235 Hindi, 1330 Hindi, 1340 Khel Samachar (=Sports news) from North Zone hookup, 1515 Hindi, 1530 EG. In between there's plenty of EG, Hindi & regional music with 1/2 hourly IDs in EG or Hindi: "You're listening to a test transmission from All India Radio Shillong" or "Yeh Akashwani

Shillong ke parikshan sews hai". (Manosij Guha). In a personal letter from Mr. Lutfur Rehman (Installation Engineer?) of AIR Shillong who invites reports to test transmissions SW on 7190 between 0755-1746 IST (0225-1216 UTC) and on 3255 from 11755-2250 IST (1225-1720). Listeners may report to Mr. Rehman at P.O. Box 14, Shillong 793 001, Meghalaya. (Scott Edwards, Los Alamitos, USA) Thanks alot Scott for that pointer. The schedule for 3255 is okay, give or take away a minute for the sign on/off. But 7190 is currently only heard at 1105-1213 co-channel with Radio Moscow in Indonesian from 1125. 0225-1216 may represent the final op sked for 7190 when testing is done with. On 7190 there is news relay for Delhi at 1130 Hindi, 1135 EG, switching to 3255 at 1225. They used 3225(!) on 20th April for the whole day but were back on 3255 the next. I may add that Mr. Rehman has a penchant for QSLing westerners (such complexes are not unheard of in AIR!) as he hasn't bothered to verify any of my rjreports. It reached him alright for I sent it registered and the acknowledgement card came back bearing an "official" looking signature. Perhaps others will fare better! (Manosij Guha)

AIR Port Blair with 10 kW HF is a difficult catch here with 1300 km separating us, besides there is PBS Kunming droning in thru the static till 1600 on co-channel. It was last heard on 5th April on 4760 at 12-1730 with relays of Port Blair MF outlet on 684. There was plenty of Malayalam film songs with clear IDs in Hindi inserted ever 1/4 hour or so: "Yeh Akashwani Port Blair say 4760 kilohertz par test jaari hai" (=This is AIR Port Blair testing on 4760 kHz). News relay from Delhi at 1230 EG, 1235 Hindi, 1330 Hindi, 1340 Khel Samachar, 1515 Hindi, 1530 EG. At 1350-1355 "Pradeshik Samachar" (=Regional News) on the UT of Andaman & Nicobar Islands. Reports should be sent to: Test Transmissions, Shortwave Transmitter, Installation Engineer All India Radio, Port Blair-744 102, Andaman & Nicobar Islands. It is strange that there has been no specific reports from S. India where it should be receivable due to closer proximity. Reports on current status will be appreciated. (Manosij Guha)

AIR Home Service M+J89 changes: Some upward shifts, due to high solar activity, by some regional HF outlets: 7125 (x6140) Ranchi 07-0940; 7180 (x5990) Bhopal 07-0945; 7210 (x6010) Calcutta 0630-10; 7230(x6100) Kureseong 0630-10. (Alok Das Gupta). The following additional channels are noticed carrying HS National hookup Central News Bulletins & Programs via transmitters in Delhi: 4775 0430-0435 Hindi & 1130-1135 Hindi; 6045 1429-1435 EG & 1444-1740 natl hookup pgm Hindi,EG; 9665 0229-0251 Hindi,EG & 0259-04 Dogri, Sindhi, Urdu, Hindi, EG, natl hookup pgms; 9770 1329-1415 Hindi, Assamese, Oriya, Nepali, Bengali; 10330 1329-1355 Hindi, Assamese, Oriya. The following changes for HS news relays via transmitters in Aligarh: 7160 (reappeared) 1329-1415 Hindi, Telegu, Tamil, Malayalam, Kannada & 1419-1445 Gujarati, EG, Marathi & 1450-16 natl hook pgms Hindi, EG; 9565 (x9525) 1514-16 Hindi, EG, Urdu; 15275 (x11730 + 15120) 1214-1245 weather, EG, Hindi, Sanskrit. Irregular tests have been heard from Delhi. Could be the 250 kW HF transmitters at Kingsway testing: 15105 07-0940 with news hookup; 7140 12-1341 with relays of Delhi Yuvavani channel. AIR HS further new channels: Regionals: 4950 Jammu A 0125-0220; 7150 (x6130) Guwahati B 0630v-1015. Additions to News Hookup from Delhi transmitters: 17850 0729-0810 & 0829-0940; 15415 1219-1245 with usual languages. 15305 is temporarily off-air for the 0129-0251 stretch. Additional sports channels from Delhi transmitters are: 4860, 9950, 6045 for EG and 6140, 7140 for Hindi commentaries subject to availability from News Hookup. HS News Hookup from Delhi on 10330, 15305 are beamed for pickup by the Port Blair station, as a standby HF feed during link failure. Some broadcasts from Aligarh may be shifted temporarily to Delhi or viceversa, or from Kingsway to Khampur or viceversa due to shutdown for some of the transmitters for maintenance work. So you may notice sudden increase or reduction in signal strength for some of the HS & ES broadcasts. Also the 250kW HF transmitters installed in Khampur may start testing on the usual or extra channels. AIR has 6 transponders of the Insat-1B made available to them by the P&T, which designated Radio Networking (RN) Channels 1 to 6). Priority is given while feeding, to National Hookup (News, Current Affairs, Sports, National Programs, etc.) from Delhi to Regional AIR stations. All AIR HS stations (HF & MF) have been provided with Up & Down-link facilities. External Service transmitter sites are fed by satellite only when the RN channels are not in use for internal feeding. All of them have been provided with up & down-link facilities, except Aligarh which has

only a downlink as no programs originate there. Additionally all the ESD transmitter sites (Aligarh, Bombay, Jalandhar, Calcutta, Madras & Rajkot) are fed by speech-grade landlines which are rented from the P&T. The 10 kW HF transmitter at Leh (J&K) has also been installed and the antenna mast has been erected in spite of the sub-zero climates. Due to lack of clear channels, there is an increasing trend by AIR to accommodate two transmitters, which are distant from each other, on the same frequency. Thus 4760 and 6085 has been allocated as morning/evening and daytime freqs respectively for both Leh and Port Blair stations, for test purposes only. 4760 was unworkable due to co-channel interference from Afghanistan & China. 7125, 7180, 9575 & 9690 allocated to them earlier has been withdrawn. 7125 has already allocated to Ranchi, and 7180 to Bhopal. No further freqs have been assigned to these two stations. Further allocations will take time as clearance has to be sought for new channels from the Ministry of Communications, which has the final say in frequency selection. (via "DX Grapevine", the newsletter of the Southern Asia Radio Club, India, compiled, published by Manosij Guha, Edition No's 33,34,35 Apr-Jun 89)

AIR's Sinhala Service to Sri Lanka: 13-15 9705 ex 10330, 11620, 15120 (Victor Goonetilleke, Sri Lanka via Radio Nederland's Media Network 7/7) (See Sri Lanka)

INDONESIA - Stations heard & QSL's received in northern Europe; compiled by Tor-Henrik Ekblom, Scheelegatin 17V, S-112 28 Stockholm, Sweden via "DX'ers Calling" June 89, the monthly magazine of DX Australia. 2306.9 1610-1705 RRI Jakarta; 2350.1 1700 RRI Yogyakarta; 2376.8 1400 RRI Surabaya; 2390 1530-1700 RRI Cirebon x) v/s Mohamad Alisbasyah, Kepala Seksi Siara; 2432.5 2035 RRI Palembang; 2439.4 RRI Surakarta; 2455.9 1645 RRI Dili; 2472.4 1650 RRI Purwokerto; 2490 1700 Ujung Pandang; 2492.2 2100 RRI Mataram; 2905 1405 RPDT 2 Agada Bajawa; 3205.2 1515 RRI Bandung x) v/s Eem Suhaemi; 3215.1 -1425 RRI Manado x) v/s Daniel Marande; 3231.9 1435 RRI Bukittinggi; 3241.5 1245-15 RRI Ambon; 3249.8 1530 RRI Bandjarmasin x) v/s Asaari Jusuf, Kepala Stasiun; 3264.8 1530 RRI Bengkulu x) v/s Drs. H. Hawdan Syakbenk; 3266.5 1240 RRI Gorontalo; 3276.8 1430 RRI Jakarta; 3325 - 1435 RRI Palangkaraya; 3345 1530 RRI Pontianak x) v/s Drs. Magrib Suparmanki, Kepala Stasiun; 3345 1300-1439 RRI Ternate; 3380 1700 RRI Malang x) v/s Siamet Speratno, Kepala Seksi Teknik; 3385 1515 RRI Kupang x) v/s Yusuf Maro, Kepala Seksi Siaran; 3395.1 1545 RRI Tanjungkarang x) v/s Djarot Nursingih; 3398.7 1500 RRI Singaradja x); 3904.8 1600 RRI Banda Aceh x) v/s Rodakim S.H. Kassabug Tata Usama; 3904.89 2000 RRI Merauke; 3934.9 1500 RRI Semarang x) v/s Drs. Purwadi; 3945 -1738 RRI Denpasar x) v/s Drs. Haryun Hussein; 3986.3 1250 RRI Manokwari x) v/s Abdul Rachim, Kepala BA; 3995.1 1600 RRI Pontianak x) v/s Drs. Magrib Suparmank, Kepala Stasiun; 4000.2 -1556 RRI Kendari x) v/s H. Sjahbuddin (93111 Kendari); 4002.7 1445-1607 RRI Padang x) v/s Drs. H. Syamsui Mui, Kepala Stasiun; 4087 1445 RRPDKDII Blitari x) Jalan Syodanco, Suprijad; 40, Blitar 66112; 4607.3 1500 RRI Serui x) v/s Agus Raunsi & M. Sabarofak; 4699 1250 RKIP Surabaya; 4719.5 1430 RRI Ujung Pandang; 4753.5 1400-1605 RRI Ujung Pandang; 4856 1445 RRI Palembang x) v/s Drs. Abdul Roachim, Kepala Stasiun; 4871 1445 RRI Wamena x) v/s Yoswa Kumurawak, Kepala Seksi Teknik; 4874.7 1225 RRI Sorong; 4910.6 1545 RRI Bukittinggi x) v/s Mr. Effendi, Direktur Sekretariat; 4927 1350-2200 RRI Jambi x) v/s M. Yazid, BA; 4931.7 1600 RRI Surakarta x) v/s Tom Martono; 5044.5 1500 RRI Jayapura; 5046.5 1655 RRI Yogyakarta; 5256.1 1630 RRI Sibolga x) v/s B.A. Tanjung; 5500.8 1530 RRI Biak x) v/s Muchtagr Yushapotera, Kepala Seksi Siaran; 5894.8 1440-1455 RRI Pekanbaru x) v/s Zainal Abbas; 6127 1400 RRI Nabire x) v/s Ismael Saya, Kepala Seksi Siaran; 9680 1500 RRI Jakarta x) v/s Drs. R. Baskara or Arsyad Subik, BA. x)=QSL'd.

JAPAN - Correction: April 15 issue in LN May page 15: See R. Japan EG DX Corner sked at 0325-0344 (Mon) xmsn, strike 7125 off the list. (Tetsuya Kondo, Japan, "Asian Broadcasting Institute" 17/5) 15205, 2210, R. France Int'l via Yamata, New Service, CH news on 7/7 (Bob Padula, Surrey Hills, Australia) 15440, 2205, RCI via Yamata, New Service in CH on 7/7 (Bob Padula, Surrey Hills, Australia)

KOREA - S. Korean Government announced on Apr. 20 that S. Korea would not adopt the DST from this year. (Toru Tamashita, Satoru Suga via Asian Broadcasting Institute 17/5 compiled and translated by Tetsuya

Kondo, Japan.

R. Korea has published a summer broadcast schedule effective 1/5. The EG xmsns are on the air as follows: 06-07 NAM(E)/NAM(W)/ND 11830, 9570, 7275; 08-09 Eu 13670, 7550; 11-12 Af 15575; 14-15 NAM(E)/SEAs 15575, 9750, 9570; 16-17 ME-Af/ND 9870, 5975; 18-19 Eu 15575; 1945-20 ND 6135, 1170; 2030-2130 Eu/ME-Af/Eu 15575, 7550, 6480; 2330-0030 NAM(E) 15575.

World News Service, KR & EG each 15 min. pgm is also broadcast as follows: 0030-01 NAM(E)/ND 15575, 7275; 0230-03 NAM(E)/SAM/ME-Af 15575, 9640, 6165; 09-0930 Eu/SAM 13670, 9570; 11-1130 ND 11740, 7275; 1315-1345 ND 11740, 7275; 1530-16 ME-Af/ND 9870, 7275; 17-1730 ME-Af 9870; 2030-21 ME-Af/ND 9870, 5975.

On the new sked a xmsn time for V. of Free Asia pgm, which is produced in CH by CBS in Taiwan, is altered to 15-16. The freq is 5975. At the same time 6015, one of the KBS Social Education Radio Channel 1 freqs is also altered the xmsn time to 0000-2100. And a xmsn time for 6135 (KBS Social Education Radio Channel 2) is changed to 14-24) (Toru Yamashita via "Asian Broadcasting Institute" 17/5 compiled and translated by Tetsuya Kondo, Japan)

LIBYA - Observations on HF frequency usage. Monitoring research 22 Jun-2 Jul 89. Since 22nd June, Libyan radio has been observed operating on 15235 and 7245 kHz and on an unstable frequency around 6110 kHz (varying between 6104 and 6121 kHz approximately). All three channels are heard in parallel with Voice of the Greater Arab Homeland from 1015-1215 and 1645-0330 gmt approximately and Libyan Radio's domestic service from 1215-1645 gmt. Both services are entirely in Arabic. (WBI 7/7) 6120NF, 2200-2300+, Tripoli, AA, drifting on 7/7 (Bob Padula, Surrey Hills, Australia)

MACAO - Radio Macao to start HF broadcasts in 1992. RDP International, Lisbon, in Portuguese 0935 gmt 29 Jun 89. Text of report. Radio Macao is to start shortwave broadcasts in 1992 for all Portuguese communities scattered in Asia. Teledifusao de Macau, TDM, which operates the territory's radio station broadcasting on two FM channels - in Portuguese and Chinese (Cantonese) - for domestic listeners, plans to operate a Portuguese radio station in the territory that would continue broadcasting on shortwave for the whole East beyond 1999 (when Macao reverts to Chinese sovereignty) (WBI 7/7)

MALAYSIA - Updated Radio Malaysia Domestic Service info: The EG Service (Blue Network) on 7295 kHz) has news in EG at 2300, 0000, 0530, 1830, 12, 1330 and 15 with the news in Bahasa Malaysia at 2230, 09. The CH service (Green Network on 6025 kHz) has news in CH at 2300, 0000, 04, 05, 12, 1330, and 15 with news in Bahasa Malaysia at 2230 and 09. The Tamil Service (Red Network) on 4845 kHz) has news in Tamil at 0000, 0530, 1115, 1330 and 1430 with the news in Bahasa Malaysia at 2230 and 09. Note: The news as heard on all the above networks stated as in the Bahasa Malaysia language are broadcast simultaneously and are the same heard on all the above networks as well as the main source being the National Network broadcasts in Bahasa Malaysia 24 hours on 5965 kHz. With due corrections to the World Radio TV Handbook 1989 (cf pp 216), the CH domestic service broadcasts at the following times: 22-01, 03-0515, 08-16 (all Mons-Fris) while on Sats/Suns, it is extended for a full 22-16 transmission non-stop. On Mons-Thurs, Educational programs for school are aired and comes on at 01-02, 06-07. (These are in CH as well!) The Tamil domestic service broadcasts at the following times: 21-01, 0515-06, 08-15 (all Mons-Fris) while on Sats it has 21-03, 0515-15 and Suns on at 21-15. Their Educational programs in Tamil are heard Mons-Thurs at 02-03, 07-08. (via "SE Asia DX News, No. 2 compiled by Lim Kong Jin, Penang, Malaysia 89/5)

MONGOLIA - R. Ulan Bator has changed its schedule. Each language xmsn is about 1 hour earlier than previous one. First noted on 9/5. The EG xmsns are monitored as follows: 0810-0840 12015, 9615; 11-1130 (not Tue and Fri) 12015, 9615; 1345-1415 15305, 9575; 1840-1910 12050, 9985. On 10/5 1345-1415 xmsn was observed on 15505 and 9615. (Tetsuya Kondo, Japan, Asian Broadcasting Institute 17/5)

MYANMA - Via Marc Schlossman, CA, a clipping from the NY Times dated 20/6: (Excerpt from) Burma is Officially Changing Country's Name to Myanmar: Rangoon, Burma, June 19(AP) - Burma officially changes its

name in English today to the Union of Myanmar, and it renamed the capital Yangon, the state-run Working People's Daily said. Via Hans Johnson, GA, a clipping from the NY Times of Jun 25, 1989 says: BURMA Out, Myanmar In. Burma has a new official name: Myanmar. The change was adopted by the United Nations on Thursday. The Burmese radio said the Government had changed the country's name to Myanmar (pronounced mee-ahn-MAH) and the name of the capital from Rangoon to Yangon (pronounced yahn-KOH). The new versions reflect contemporary usage in the Burmese language. Many place names in the native language were adapted into English during British colonial rule between 1862 and 1948.

Via Lim Kong Jin, Penang, Malaysia in his SE Asia DX News No. 3: According to a state radio announcement on June 20 (Tuesday) and quoted by many news sources, Burma's military rulers have passed a law to officially change the country's name to Myanma while the capital Rangoon to Yangon. On June 18, the state radio announced that 'that the expression 'Union of Burma' and the expressions 'Burma' 'Burman' or 'Burmese' contained in existing laws enacted in the English language shall be substituted by the expression 'Union of Myanma' and 'Myanma'. My check on the radio service formerly known as the Burma Broadcasting Service which Government owned further establish this. It is now identifying itself as "This is the Voice of Myanma, Yangon" still coming on 3 times daily in EG at 02-0230 on 7185; 07-0730 on 9730 and 1430-16 on 5985. The nighttime broadcast at 1430 is best heard here with mainly music taking priority of the air time for that broadcast with a news bulletin in EG at 1445 (announcing at the start of the news the Myanma national time of 9.15pm).

The Department of Commerce in Washington, DC told me on 14/7 that the correct spelling for Burma's new name is MYANMA contrary to some news reports that say MYANMAR. Note: I checked with many people on this one including Universities, Travel Agencies, World Affairs Council in Portland, Oregon and only "The Department of Commerce in Washington, DC could confirm that it was MYANMA. They checked their records for MYANMAR but found no record of it spelled that way. On 17/7, a University called me and said it was spelled MYANMA. (bmm)

NEPAL - Radio Nepal, Kathmandu Sked. At certain times the Radio Nepal frequencies listed below carry a commercial service: Freqs are 7165, 5005 and broadcasts in Nepali except where noted (bmm). Alternative frequency is 3230. 0015-0445 w/news in EG at 0215-0225; 0445-0715 (Sat); 0715-1015; 1015-1115 (Sat); 1115-1145 EG (External Service); 1145-1715 w/news in EG 1415-1425. (via WBI 16/6)

NETHERLANDS - 11950NF, 2155, Dutch to Caribbean on 8/7. Appears to be a mid-season adjustment, possibly to avoid RA and/or RM both on 11730 at this time. (Bob Padula, Surrey Hills, Australia)

NEW ZEALAND - 15485NF, 0550, Radio New Zealand, Check Point Program ex 15150//17705 and at 0720, M w/closing announcement said reopening at 09 on 9850, 6100 on 3/7 (bmm)

NIGER - Niger Radio and Television (ORTN) Sked: 0530-0655 5020, 3260; 07-15 9705, 7155, 6060. Identifies itself as Voice of the Sahel. At various times of the day the frequencies split into two services - Channel 1 and Channel 2 - to carry separate news bulletins in local languages. (via WBI 23/6)

PHILIPPINES - 11650, *2300, FEBC, Malay Dialect on 15/7. Not to be confused with KSDA also on 11650 from 2130-23 in Indonesian. (Bob Padula, Surrey Hills, Australia)

SIERRA LEONE - SLBS reactivates transmitter on 3316 kHz. Monitoring research 18 June 89: The Sierra Leone Broadcasting Service was observed with programmes in EG on 3316 kHz at 1930 gmt on 18th June. This frequency was last heard ten years ago. The radio carried news bulletins at 2000, 2100, 2200 and 2300 gmt, a current affairs programme called "African Notebook" at 2115-2310 gmt, and "Focus on Development" from 2315-2330 gmt. The radio station identified itself as "the SLBS in Freetown" and announced that it was operating on 1206 mediumwave as well as on 5980 and 3316 kHz shortwave. Transmissions ended at 2336 gmt and the radio station announced that broadcasts would resume at 0600 gmt the following morning. (via WBI 23/6)

SINGAPORE - 9600, *0010-0030*, BBC via Kranji, Burmese. This is the only time that Kranji uses this freq during J89. Good level on 15/7 (Bob Padula, Surrey Hills, Australia)

SRI LANKA -: The SW Service from Trans World Radio came to an end in June this year while TWR & Sri Lanka started renegotiating their contract. Sri Lanka started using those transmitters for additional coverage to India. 6050 10kW 1330-1730 and 11895 35kW 1330-15 and at 15 a freq change 11930 15-1730. (Victor Goonetilleke, Sri Lanka on via RN's Media Network 7/7)

SURINAM - Radio Surinam International service was inaugurated on 2nd September 1984. It is broadcast from the transmitting facilities provided by Radiobras in Brasilia (Brazil). Sked is: 17-1750. 1700-Mon-Fri Multilingual (in Dutch, EG, and Sranan Tongo), 1705-1715 News in Dutch, 1735-1745 News in EG on 17755. (via WBI 30/6)

TAIWAN - New Star Broadcasting: First noted in April 1977. This station is presumed from Taiwan with high possibility. ID in CH: "Zhelishi Xingxing guangbo diantai." (romanized in Pinyin method). "Xingxing" has many interpretations to translate. All has same pronunciation, so be careful. However it is natural interpretation (New Star) compared to others. Everybody can't decide it. This station broadcast #s in CH on its 4 different services. 1st Service - 11430. 2nd Service - 15388. 3rd Service - 9725. 4th Service - 8300. Almost not in parallel with each other. You may hear its ID on 8300 as "Zhelishi Xingxing guangbo diantai di si tai". (via Tetsuya Kondo, Yokohama, Japan).

New broadcasts to mainland China observed: Monitoring research 15-22 Jun 89: At 0011 gmt on 15th June a broadcast in Standard Chinese was observed in progress on 9610 kHz identifying itself simply as China Broadcasting Corporation. Other than occasional brief musical interludes, the broadcast appeared to consist of news, commentaries and interviews/discussions. The transmission ended at 0100 gmt.

Subsequent checks indicate that the broadcast is now regularly carried at 0200-1500 gmt on 9610 and 11725 kHz and at 2200-2400 gmt on 9610 kHz only. The opening announcement states that it is intended for mainland listeners. (via WBI 30/6) 9610, *2100, Taipei, CC Service, rearranged sked, possibly parallel with other freqs, untraced on 11/7 (Bob Padula, Surrey Hills, Australia) 9765, 2000-2100*, VOFC, Apparent new service replacing FF service normally on this freq at this time//9675NF. At 2100 program continues on 9610, believed to be the special CC service for the Mainland from "China Broadcasting Corporation" on 11/7 (Bob Padula, Surrey Hills, Australia)

UNITED KINGDOM - 6030NF, 2100, RCI via Daventry, end FF on 2/7 (Bob Padula, Surrey Hills, Australia) 7175NF, *2230-2300*, BBC, Rampisham, Strong level with PP to Europe on 8/7 (Bob Padula, Surrey Hills, Australia)

UNITED STATES - 7520, 0353, World Wide Christian Radio, SS Program. At 0401, W w/ID & address & same in SS then brief music & M w/ID at 0402 and closing announcement. 0403* on 18/7. Thanks to tip from Mike Hardester, PA who called me about 0235 saying he heard them on 15040. A few days later he followed that up with this: WWCR at 0255 on 15040 w/spurs 15010, 15020 (good level), 15030, 15050, 15060 & mixing with UNID on 15070 on 18/7. (That UNID is the BBC, Mike).

U.S.S.R. - In March this year Gosteleradio of the USSR started relaying local programs of the Union republics to Moscow on short waves (on April 11 a program from the Autonomous Republic of Tataria was added). The relays consist of a combination of the 1st and/or 2nd republican programs in local languages and Russian and of portions of the all-Union broadcasting. The hardware for these broadcasts - which made them possible at all - is nothing but the former jamming transmitters covering the area of the capital. And though the target area is Moscow, the times and frequencies are chosen so as to avoid long-distance propagation, and the operating power of the transmitters is estimated 50 kW - it is worth trying to tune in since this is the only possibility for the DX reception of some of the home services (like those of Tallinn and Riga) or the very stations (like Kishinev and Kazan which have no transmissions on SW). It should be

noted however, that the transmitter sites are not on the territories of the corresponding republics (cf. their 'own frequencies given in WRTH and other sources). Here is the current J89, schedule of SW relays from Soviet Republics (represented here by their capitals): Daytime portion: 5900 0230-1900 Tallinn; 5920 0300-1755 Riga; 5945 0100-1625 Tashkent; 6010 0300-1600 Vilnius; 6030 0000-1415 Kiev; 6075 0215-1800 Kishinev; 6150 0215-1700 Minsk; 7215 0058-1655 Tbilisi; 7145 0415-1555 Ashkhabad; 7175 0453-1630 Yerevan; 7300 0200-1730 Baku; 9690 0000-1700 Alma-Ata; 9735 2259-1554 Frunze; 9785 2315-1705 Dushanbe; 11945 0230-1455 Kazan. * = every 1st & 3rd Monday 0900-. Evening Portion: 9560 1905-2100 Tallinn; 9675 1610-2200 Vilnius; 9695 1800-2100 Riga; 15110 1635-1900 Yerevan; 15180 1735-2000 Baku; 15240 1700-1900 Tbilisi; 15270 1705-1900 Minsk; 15360 1805-1950 Kishinev; 15385 1420-2315 Kiev; 17635 1600-1800 Ashkhabad; 17785 1550-1750 Frunze; 17810 1500-1800 Kazan; 17840 1630-1900 Tashkent. Alma-Ata & Dushanbe - See Daytime. (Via Soviet DX Club Newsletter No. 2 June 89 edited by Igor Sannikov, ul. Oparina 6, kv. 37, Novoviatsk, 613015 USSR.)

Radio Moscow - Radio Moscow World Service EG 05-13 and in Swahili from 11-1130 on 25780 (via WBI 30/6)

Kazakh Radio, Alma-Ata Sked: During winter time in the USSR, all broadcasts will be heard one hour later than shown. 2300-2330 Kazakh, 0000-0030, 1230-13, 13-1330, 14-1430, 15-1530 on 7255, 5915, 5035. Radio Tashkent (1) Sked: This schedule is divided as follows:

(1) Broadcasts are not affected by time changes. (2) Broadcasts will be one hour later during winter time in USSR. 0230-03 Uzbek ME unconfirmed; 12-1230 EG Asia, 1230-13 Urdu, 13-1330 Hindi, 1330-14 EG, 14-1430 Urdu, 1430-15 Hindi on 15460, 11785, 9715, 9600, 7325; 1520-1555 Dari Asia, 1550-1630 Uzbek ME, 1630-17 Persian, 17-1730 AA, 1730-1830 Uzbek, 1830-19 Persian on 11995, 9790, 9540, 7325, 5945. Radio Tashkent (2) Sked: 2330-0000 Uighur Asia, 1130-1230 Uighur, 1330-14 Uighur, 1430-15 Uighur, 2230-23 Uighur on 7255, 5915, 5035. (via WBI 16/6)

Radiostantsiya Tikhiy Okean (from Vladivostok), RR, (May include

brief items in EG & FF). During winter time in the USSR, one hour later than shown: 0715-0800 to Asia, Australia on 17870, 17860, 17695, 17645, 17605, 17590, 17570, 15535, 15425, 15330, 15180, 13605, 12070, 12050, 11815, 9830, 9810, 9780, 9630, 9600-Su only, 9530-Su, 7492-ssb, 7320-Su, 5940-Su, 4485, 245; 1830-1930 to Asia, Australia on 17850, 17720, 17645, 15560, 15535, 15810, 13645, 11870, 9885, 9820, 7335, 5015. (via WBI 16/6)

ZAMBIA - 9505, 1535-1610, Radio Zambia on a clear channel; tone test & 5 minutes non-stop of "Fish Eagle" IS, sign-on with Anthem; jazz music. EE News 16-1610 then pop music. Fades out towards last on 19/6 (Bill Flynn, CA)

ZAIRE - La Voix Du Zaire (Station Nationale), Kinshasa Sked: Freq is 15245-irreg. 0000 Multilingual; 01-0105 News summary (FF); 03-0320 News (FF); 0330-0345 News (Swahili); 0345-04 News (Tshiluba); 04-0430 News (Lingala); 0430-05 News (Kikongo); 05-0520 News (FF); 06-0610 News (FF); 07-0710 News (FF); 08-0805 News summary (FF); 09-0905 News summary (FF); 10-1005 News summary (FF); 1030-1045 News (Swahili); 1045-11 News (Swahili); 1045-11 News (Tshiluba); 11-1110 News (Lingala); 1110-1120 News (Kikongo); 1130-1155 News (FF); 13-1305, 14-1405, 15-1505 News summary (FF); 16-1615 News (Swahili); 1615-1630 News (Tshiluba); 17-18 Armed Forces programme (FF); 18-1845 News (FF); 1905-1920 News (Lingala); 1920-1935 News (Kikongo); 2000-2005, 2200- 2205 News Summary (FF); 2300-2325 News (FF); 2400*. (via WBI 16/6) Monitoring observations on regional radio stations. Monitoring research 10-18 Jun 89. The V. of Zaire regional radio station at Lubumbashi has been observed since early June on 7205 KHz. The radio signs on at 0355 gmt and is heard until fade-out at approximately 0600 gmt. A regional news bulletin in FF is carried at 0430-0440 gmt. The V. of Zaire station at Mbuji-Mayi is currently observed from 04-0530 on 7295 while Bukavu 4860-4862v 0330-0600 and 15-1830 gmt periods. (via WBI 23/6.)

PROPAGATION REPORT - Ref LN Jul 89, Page 31. Should have been WWVH, Hawaii, per Glenn Hauser on 19/6 who heard it at 1545 on 15 Mhz. (via Glenn Hauser's 'DX Listening Digest Issue 25, closing date 27/6). I discovered that later also. (bmm). Sorry no Clandestine or Pirate Information this month. Take care, Bruce

EAST ASIAN DX NEWS

ASIAN BROADCASTING INSTITUTE

May 17, 1989

compiled and translated by Tetsuya Kondo, Japan

C H I N A (PEOPLE'S REPUBLIC)

Radio Beijing has put into operation of a summer schedule since May 8. The new EG schedule is monitored as follows:
0000-0057 NAM(E) 17855 17715(M) 15130(M), 0300-0357 NAM(W) 17855
15130(M) 11715(M) 9690(S), 0400-0457 NAM(W) 15195 11840(C) 11685(F),
0830-0927 SPfc 0930-1027 SPfc on 17710 15440 11755, 1100-1157 NAM(E)
17855, 1200-1257 NAM(E) 17855 SPfc 15450 11600 11290(feeder) SEAs
15400 11660 1341, 1300-1357 NAM(W) 11855 SPfc 11600 SEAs 15400
11660 1341, 1400-1457 SAs 15165 11795 NAM(W) 11855 4200(feeder),
1500-1557 SAs 15165 11795 4200(feeder), 1600-1657 E/Saf 15110(M)
11715(M) 9570 4130(feeder), 1700-1757 E/Saf 15165 11575 9570
4130(feeder), 1900-1957 W/NAf 11515 9440, 2000-2057 W/NAf 15110(M)
11715(M) 11515 9440, 2000-2057 Eu 2100-2157 Eu on 11500 9820
4130(feeder). The Swiss-relay pgm is not confirmed. [Via (C): Canada
(F): French Guiana, (M): Mali, (S): Spain.] (Tetsuya Kondo)

R. Beijing Jp pgm has been on the air at 0930-1527 on 15420, 11515,
1323kHz. With effect since May 8 also (Tetsuya Kondo, Kunihiko Nishida)

Voice of the Strait B. S. has revised its shortwave xmsn schedule.
First noted on Apr. 16. The schedule includes a new frq of 4900kHz.
On the other hand 3 frqs have been discontinued: 11590, 4940, 3900kHz.
The monitored schedule in April is as follows:

1st Program: 2055-0031 & 0955-1751 overall;
7280 2231-0031 0955-1751, 6170 2055-0031 0955-1751, 6115 2055-0031
0955-1751, 5050 2055-2230, 4840 2055-0031 0955-1751, 1377 2055-0031
0955-1751, 1269 2055-0031 0955-1751.

2nd Program: 0355-1626 overall;
9505 0355-1300, 6000 0355-1626, 4900 1301-1626. 846 and 666 are
also transmitted. [VOS do not adopt the DST because of bc to Taiwan,
not in the DST clock.] (Satoru Suga)

Recently Nei Menggu PBS has bc two services on the following frqs.
Chinese service: 0150-0550 11705 9520vkHz
0950-1525 7108v 5982v 4000 3970kHz
Mongolian service: 0130-0530 11865 9751vkHz
0940-1508 6197v 4525 3930kHz.

Frqs aired during local morning time are under investigation. [This
schedule was monitored before Apr. 16. Treat it one hour earlier now]
(Hiroshi Fujita)

Beijing PBS' new frq of 14340kHz has been not heard recently.
Bcs on this frq might be test xmsns by a utility stn in China.
(Hiroshi Fujita)
[BAF47, a stn in Beijing, is listed for Meteo-RTTY. Ed.]

RADIO TROPICAL

1040 KLCZ
10,000 VATTIOS



QSL Report

Please send all reports to:

Sam Barto
47 Prospect Place
Bristol, CT 06010 USA

ALBANIA: Radio Tirana 9480 p/d "Museum of Natural History" cd. in 30 ds. Schedule rcvd.(MacHarg).

ASIATIC RUSSIA: Radio Moscow 11870 via **Khabarovsk** f/d "State University" cd. in 51 ds.(Dickerson)...Welcome back...Sam. 17570 f/d cd. in 60 ds.(Darling-PNG). 17655 f/d cd. in 66 ds.(Darling). 12050 f/d "Lenin's Tomb" cd. in 33 ds.(Wilkins-CO). 21790 via **Chita** f/d cd. in 60 ds.(Darling). 17590 via **Kenga** f/d cd. in 2 mo.(Darling-PNG).

15170 via **Irkutsk** f/d cd. in 66 ds.(Darling). 15210 f/d "State University" cd. in 47 ds.(Dickerson). 17890 and 17825 f/d cd. in 2 mo.(Wallace-MA). 11995 via **Petropavlovsk-Kamchatsky** f/d cd. in 33 ds.(Wilkins). 12030 via **Vladivostok** f/d "Lenin Tomb's" cd. in 1 mo. (Wilkins-CO).

AUSTRALIA: Radio Australia 6020 via **Brandon** cd. in 12 ds. v/s Michael Taft.(Darling). f/d "Koala Bears in Tree" cd. in 62 ds.(Carson-OK).

AZERBAIJAN SSR: Radio Baku 4785 f/d mini-cd. w/ schedule, calendar and postcard in 184 ds.(Rugg-QUE). f/d cd. in 3½ mo. Tourist brochures rcvd.(Eckert-PA).

BELGIUM: BRT 17560 and 21815 f/d "Saint Hubert" cd. in 85 ds.(Levison). f/d "Lacemakers" cd. in 6 mo. for a taped rpt. and ms.(Huniwell-NJ).

BOLIVIA: Radio Panamerica 6105 f/d cd. w/ ltr. in 16 ds. for a SP rpt. and \$1.00. v/s Daniel Sanchez Rocha, Director de Radio.(Wakisaka-MD). f/d cd. w/ ltr. via registered mail in 19 ds. for \$1.00.(D'Angelo-PA).

BONAIRE: Trans World Radio 11930 f/d "25th Anniversary" cd. and TWR Site Award #005 in 32 ds. for 5 IRCs. v/s Chuck Roswell, Frequency Coordinator. (Wilkins-CO). 11930 and 9535 same cd. in 1 mo. v/s Sally Rorko.(Field-MI). **Radio Nederland** 21685 f/d cd. in 42 ds.(Carson-OK).

BRAZIL: Radio Bras 11740 f/d cd. w/ schedule in 26 ds.(Cox-OR). **Radio Cancoia Nova** 4825 f/d "Clock" cd. w/ sticker and stamps in 40 ds. for a PT rpt. and \$1.00. v/s Elza Yoshie Shikoke. Also rcvd. ltr. from Willington Silva Jardim.(Wakisaka-MD).

BULGARIA: Radio Sofia 11735 f/d cd. in 9 wks.(Klinck). 7115 f/d "Stadium and Manor House" cd. w/ stamps and pennant in 53 ds. for 2 IRCs. (Carson). f/d cd. in 180 ds. for 1 IRC.(Morby-NY). **Radio Moscow** 9700 via **Sofia** f/d "Bolshoi Theatre" cd. in 2 mo.(Wallace-MA).

CANADA: Radio Beijing 11840 via **Sackville** f/d cd. w/o site in 31 ds.(Wakisaka). same in 6 wks. w/ schedule (Field-MI). **Radio Canada International** 5960 f/d "Film Year" cd. in 9 ds.(Kacir-MI). **CKZZ** 6160 f/d "CBC Vancouver Centre" cd. in 15 ds.(Cox). **CKFX** 6080 f/d "Super Country" cd. in 25 ds. v/s T. Farina.(Cox). **Radio Japan** 5960 and 6210 via **Sackville** n/d "Azaleas at Nikko River" cd. in 3 mo.(Barto-CT).

CANARY ISLANDS: Radio Exterior de Espana 11775 via **Tenerife** f/d cd. direct in 6 mo. for a SP rpt. Pennant and sticker rcvd.(Field-MI).

CENTRAL AFRICAN REPUBLIC: Radio Centrafrique 5035 p/d cd. in 40 ds. for ms. and a FR rpt. after several f/up rpts.(D'Angelo-PA).

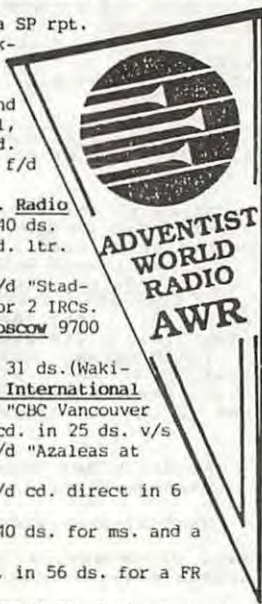
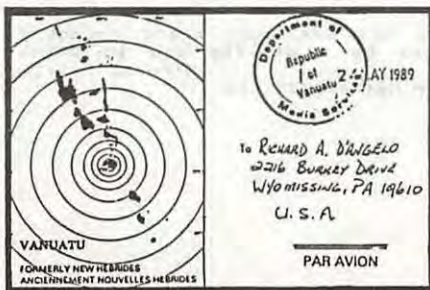
CHAD: Radiodiffusion Nationale Tchadienne 4904.5 p/d form ltr. in 56 ds. for a FR rpt., tape and \$1.00. (Washburn-ME).

CHINA, PEOPLES REPUBLIC OF: Radio France International 11895 via **Xian** f/d cd. w/ schedule in 6 wks.(Field-MI).

CLANDESTINE: Voice of Democratic Kampuchea 9440 f/d prepared cd. in 17 ds. for ms. via New York City address. v/s Song. Theng, Third Secretary.(Wilkins-CO).

* **Radio Liberacion Onda Corta** 5889.1 f/d prepared cd. in 98 ds. for ms. Addr: 2623 Connecticut Avenue NW, Washington DC 20008.(Wilkins-CO).

COLOMBIA: La Voz del Cinaruco 4865 n/d ltr. in 45 ds. w/ large station pennant and info. for 2 IRCs.(Turnick-PA).



- COLOMBIA:** La Voz del Cinaruco 4865 n/d form ltr. w/ sticker and pennant in 128 ds. for \$1.00. (MacHarg-IN).
- COSTA RICA:** Radio Reloj 6006 f/d cd. in 15 ds. for a taped rpt. and 2 IRCs. v/s Francisco Barabona G. (Turnick-PA).
- TIPC Faro del Caribe 5055 f/d cd. in 36 ds. w/ 40th anniversary station pennant and sticker for 1 IRC. v/s Juan Jacinto Ochoa F., Manager. (MacIarg).
- CUHA:** Radio Habana Cuba 9655 f/d "Government Building in Matanzas" cd. in 85 ds. w/ schedule. (MacHarg). Radio Moscow 11840 f/d "Moscow State University" cd. in 6 wks. w/ schedule. (Kohlbrener-PA).
- CZECHOSLOVAKIA:** Radio Praha 5930 f/d cd. w/ schedule in 20 ds. (name?) f/d "Orlik Chateau" cd. in 39 ds. (Levison). 7345 f/d "Shihov Castle" cd. in 72 ds. (Carson-OK).
- DENMARK:** Radio Denmark 11845 via Herstedvester f/d "Flowers" cd. in 29 ds. for a taped rpt. and \$1.00. (Kacir-MI).
- DUBAI:** Radio TV Dubai 21605 f/d "Map" cd. w/ pennant and schedule in 1 1/2 mo. (Wallace-MA).
- ECUADOR:** HCJB 15155 f/d "Stamps" cd. in 36 ds. (MacHarg). 15295 same cd. in 13 ds. (Dickerson). 6130, 11900, 11925 and 15295 f/d cds. in 1 mo. for ms. This was my 100th different HCJB QSL cd. (Wilkins). La Voz del Upano 5040 n/d ltr. in 41 ds. w/ pennant and stickers for a taped rpt. and 2 IRCs. v/s Sor Dolores M. Palacios C. (Turnick).
- ENGLAND:** HBC 17640 n/d cd. in 1 mo. (Klink).
- ETHIOPIA:** Voice of Ethiopia 9660 f/d yellow cd. w/ sticker in 3 mo. for 2 IRCs. and ms Rcvd. via registered mail. (Wallace). 9560 two cds. w/ schedule and stickers in 26 ds. (Darling-PNG).



Dear John Spruill, London **QSL**

We are pleased to confirm your reception report for:

DATE 10 December 1985
 TIME 0507-0522 UTC
 FREQUENCY 9525 MHz
 on 21 meters

Trans World Radio
 Bonaire
 Netherlands Antilles

Thank you for your information.
 We look forward to hearing from you again.

Happy DXing! Lucy, R. K. C.

- EUROPEAN RUSSIA:** Radio Moscow 11690 via Moscow f/d "Lenin Mausoleum" cd. in 36 ds. (Dickerson). 17805 f/d cd. in 34 ds. (Dickerson). 21820 f/d cd. in 44 ds. (Dickerson). 13715 f/d "Bolshoi Theatre" cd. in 44 ds. (Dickerson). 15540 via Ryazan f/d cd. in 33 ds. (Wilkins-CO). 17645 and 17765 via Armavir f/d cd. in 2 mo. (Darling-PNG). 17560 via Zhigulevsk f/d cd. in 66 ds. (Darling-PNG). 15200 via Kalach-on-Don f/d cd. in 66 ds. w/ schedule. (Darling-PNG).
- FRANCE:** Radio France International 9715, 9805, 11705, 9790, 11700, 15300, 11930 and 11965 f/d cds. w/ schedules in 2 mo. (Barto-CT)
- Radio Beijing 9845 via Allouis f/d cd. w/o site in 44 ds. (Darling-PNG).
- FRENCH GUIANA:** Radio France International 15200 f/d "Transmitter and Antenna System" cd. in 29 ds. (Dickerson). Radio Beijing 11685 via Montsinery f/d "Kunning Lake" cd. in 1 1/2 mo. w/ schedule and paper cuttings. v/s Li Fang. (Wallace-MA).
- GERMAN DEMOCRATIC REPUBLIC:** Radio Berlin International 11785 5 different QSL cds. in 3 wks. for 1 IRC. (Name?)
- GERMANY, FEDERAL REPUBLIC OF:** Sudwestfunk p/d "Globe" cd. in 3 wks. for a taped rpt. (Huniwell). Suddeutscher 6030 f/d large "Studio" cd. in 4 mo. for \$1.00. (Wallace).
- GHANA:** Chana Broadcasting Corp. 4915 f/d cd. in 47 ds. for 1 IRC. (MacHarg).
- GREENLAND:** Radio Greenland 3999 usual building scene cd. in 1 1/2 yrs. after my initial rpt. and 4 1/2 mo. since my last f/up rpt. v/s Henrik Jorgensen. I made a phone call a year ago but Mr. Jorgensen was out of the country. (Sellers-ONT). same cd. w/ station info. in 203 ds. for \$1.00. (George-NC).



- GUAM:** KSDA Mike Hardester suggests that we use the Guam address for KSDA. Addr: P.O. Box 7500, Agat, Guam 96928. The WRTH lists a Hong Kong address.
- GUYANA:** GHC 5950 p/d ltr. in 79 ds. for ms. after a f/up rpt. v/s Roy Marshall, Studio Technician. (Rugg-QUE).
- HONDURAS:** HRVC La Voz Evangelica 4820 p/d ltr. w/ cd. in 39 ds. Also rcvd. postcard and station pennant for a taped rpt. and 2 IRCs. v/s Reina M. Figueroa. (Turnick).
- HONG KONG:** Radio Television Hong Kong 7290 n/d cd. in 2 mo. 9Field-MI).

QSL

Verification Card

Station KJCS, Vado, New Mexico, U.S.A.
 To Richard E. Davis, Portales, New Mexico, U.S.A.
 This is to confirm your reception of our transmission dated
 25 February 1989 1715-1800 hours UTC on a
 frequency of 15140 kHz. with _____ watts.

Thank you for your reception report. It agrees with our log.

Ellen M. Hegarty

Signature & Official Seal

HUNGARY: Radio Budapest 9585 f/d cd. in 25 ds. w/ postcards.9kacir-MI).

ICELAND: Iceland State Broadcasting Service 13770 f/d cd. in 42 ds. for 1 IRC.(Darling).

INTERNATIONAL WATERS: World Mission Radio 6215 via **Radio Caroline** f/d "Church" cd. in 168 ds. for \$1.00. QSL was mailed from Belgium. (George-NC). same cd. in 4 mo. for a rpt. sent to the CA address for \$2.00.(Wallace).

IRAN: Voice of the Islamic Revolution of Iran 9022 f/d "Rally" cd. in 3 mo. after a f/up rpt. after 4 years of trying! (Wallace-MA).

ITALY: Italian Radio Relay Service 9860 f/d cd. in 1 1/2 mo. for 2 IRCs.(Allen-OK). same gray, for 2 IRCs.(Allen-OK).

geometric design cd. w/ f/d in 4 mo. for a special XMAS 88 test transmission. Rcvd. cd. for 2 IRCs. and a taped rpt.(Sellers). f/d cd. in 3 1/2 mo. for 1 IRC.(Renfrew-NY). **RAI** 9575 f/d "Fountain" cd. in 115 ds. for \$1.00.(Kacir-MI).

JAPAN: NSB Radio Tampa One 3925 f/d "Transmitter" cd. in 1 mo.(Cox-OR). **Radio Japan** 17810 and 11840 n/d cd. in 32 ds.(Darling-PNG).

JAVA: Voice of Indonesia 11790 p/d cd. for an 86 reception in 32 ds. and \$1.00. v/s Drs. R. Baskara.(Weber-OH).

JORDAN: Radio Jordan 9560 f/d "Flag" cd. in 201 ds. w/ schedule for 1 IRC and \$1.00. v/s R. Alkway, Director.(Morby-NY). 3 f/d cds. w/ a personal ltr., schedule and 2 station stickers in 179 ds. for 3 separate reception rpts. I sent all 3 rpts. in 1 ltr. I also called the station which yielded the name of the Director of Broadcasting for the English Service, Mr. Jawad Zada. Station says that they appreciate reception reports and use of the SINPO code.(Field-PA).

KOREA, REPUBLIC OF: Radio Korea 15575 f/d "Chosun Dynasty Royal Palaces in Seoul w/ Cherry Blossoms" cd. in 38 ds. for 2 IRCs. Also rcvd. pennant and stickers (Carson-OK). 9570 f/d "Korean Folk Village" cd. w/ schedule in 1 mo.(Cox). 13670 f/d "Lotus Flowers and Traditional Korean Pavillion" cd. in 34 ds. Lots of goodies rcvd.(Dickerson).

LIHERIA: VOA 15600 f/d cd. in 78 ds.(Stout 15445, 15580 and 15400 f/d cds. in 28 ds.(Darling-PNG).

LITHUANIAN SSR: Radio Vilnius 9765 f/d "Amber" cd. in 1 mo.(Cox-OR).

MALAYSIA: Voice of Malaysia 15295 f/d personal ltr. w/ very attractive blue and white station pennant in 1 mo. for \$1.00. v/s Fee A/P Lin Chew.(Allen-OK).

MALI: Radio Beijing 9770 via **Bamako** f/d "Bactrian Camels and Riders" cd. w/ schedule, bookmarks, paper cuts in 22 ds.(Kacir-MI).

MALTA: Voice of the Mediterranean 9765 f/d sepia photo of "St. Francis Ravelin" cd. in 71 ds. for 3 IRCs.(Carson-OK).

MEXICO: XEOK La Hora Exacta 9555 f/d ltr. w/ stickers in 9 wks. for a SP rpt., ms. and a taped rpt.(Huniwell-NJ). 9555.3 f/d ltr. w/ prepared cd., decals, sticker, schedule and station data sheet in 1 mo. for a SP rpt. and ms. v/s Lic. Miguel Angel Olivera D. (Field-PA). **Radio Educacion** 6185 f/d ltr. w/ station photo which contained QSL statement on reverse in 89 ds. for a SP rpt. and ms. v/s Ing. Gustavo Carreño Lopez, Subdirector Tecneco De XEEP. (Field-PA).



MOROCCO: Radiodiffusion Television Marocaine 17595 f/d "Map" cd. in 49 ds. (Dickerson). same in 153 ds.(Levison).

QSL COLUMN REPORT FORMS: Report forms are available from your editor for an SASE. However, if you wish, you may send in your contributions without the forms. Please remember to write your last name at the end of each QSL.

Thank you...Sam.

GOVERNMENT OF INDIA
 ALL INDIA RADIO
 EXTERNAL SERVICES DIVISION
 Post Box 500, NEW DELHI, INDIA

Dear Sir/Madam,
 We gratefully acknowledge your Reception Report and confirm your listening to our service on 15140 kHz on 1907-1927 hrs. GMT.

Yours faithfully,

 Assistant Secretary Officer
 Director of External Services

To Edward, Rubin

Q S I
Verification Card
Turkish Police Radio
Dear listener, via Rich D'Angelo
Your report of reception of Turkish Police Radio (on 6310 kHz)
on 23th NOVEMBER 1969, 04.50 to 05.40MST is correct
Thank you very much for your interest.

Sincerely,
Director of Broadcast TV Department
General Directorate of Security
ANKARA-TURKEY

NEW ZEALAND: Radio New Zealand International 9850 f/d cd. in 22 ds. for 1 IRC.(Stout).
NORWAY: Radio Norway International 15310 f/d "Oil Platform" cd. w/ sticker and schedule in 2 1/2 mo.(Cox-OR). 15325 via **Sveio** f/d cd. in 28 ds. w/ schedule.(Darling-PNG).
PAPUA NEW GUINEA: Radio Gulf 3245 f/d long personal ltr. in 77 ds. For ms. v/s Mark Auliova, Manager.(D'Angelo-PA).
PARAGUAY: Radio Nacional del Paraguay 6025 and 9735 p/d form ltr. in 1 mo. for a SP rpt. and \$1.00. Tourist brochures were rcvd. v/s Carlos Montaner, Jefe Tecnico. (D'Angelo-PA).
PERU: Radio del Pacifico 9950 f/d ltr. in 26 ds.

for an EG/SP rpt. and \$1.00. Also rcvd. a 25th anniversary sticker. v/s J. Petronio
* Allauca.(Weber-OH). **Radio Ilucan** 5618 f/d prepared cd. w/ personal ltr. in 11 wks. for a SP rpt. and \$1.00. 100 watts: v/s Jose Galvez Salazar, Gerente Administrativo.(Allen-OK). **La Voz de la Selva** 4825 signed, stamped and returned f/d cd. w/ n/d personal ltr. in 126 ds. via registered mail for a SP rpt., ms and \$1.00. v/s Dione Blas, Periodista.
* (Rugg-QUE). **Radio San Juan** 4732 n/d ltr. in 2 mo. for a SP rpt. v/s Victor Morales Guerrero (Field-MI).

STATION PENNANTS OF THE WORLD:

This publication is an illustrated listing of more than 300 pages containing listings and illustrations of more than 1200 station pennants. They are categorized by country, size, color, material and lettering. A special section describing station pennants is also enclosed. Copies can be ordered from your QSL Editor for \$25.00 each...Sam.



PERU: Radio Melodia 5973 f/d "Map" cd. w/ f/d prepared cd. and a very beautiful pennant in 5 mo. for a SP rpt. Stamps and postcards were rcvd.(Huniwell-NJ).
Radio Tacna 9505 f/d form ltr. in 2 mo. after 3 f/up rpt. in SP. Sticker rcvd.(Field-MI).
PHILIPPINES: VOA 17735, 15425 and 17820 f/d cds. in 28 ds.(Darling). 15215, 15185 and 15305 f/d cds. in 33 ds.(Darling). 15425, 11720, 11715 and 6110 f/d cds. in 266 ds.(Darling). 9760 f/d "Challenger" cd. in 60 ds.(Cox). **Radio Veritas Asia** 6160 p/d ltr. w/ sticker

and schedule in 5 wks.(Cox-OR).
POLAND: Radio Polonia 7270 f/d cd. w/ personal ltr., schedule, calender and sticker in 46 ds. for 1 IRC. v/s Miroslaw Lubon, Editor of the English Section.(Morby-NY). f/d cd. w/ personal ltr. in 96 ds. Under separate cover I received a beautiful 12 x 16 hardcover book titled Warsaw.(Field-PA).
PORTUGAL: Radio Free Afghanistan 7145 via **Gloria** blue/yellow "RFE Map" cd. w/ Radio Free Afghanistan Transmitter Site written on the back of the cd. All rcvd. in 22 ds. w/ schedule.(Sellers).
ROMANIA: Radio Bucharest 5990, 9510, 11830 and 11940 4 different cds. in 98 ds. w/ stamps.(Levison-PA).
SARAWAK: Radio Television Malaysia Sarawak 4950 f/d "Broadcast House" cd. in 4 mo.(Cox-OR).
SAUDI ARABIA: Broadcasting Service of the Kingdom of Saudi Arabia 21495 cd. w/ schedule in 23 ds. v/s Suliman A. Samnan, Director of Frequency Management.(Darling)

SEYCHELLES: HIC 15420 personal ltr. in 98 ds. for 1 IRC. v/s Peter J. Loveday, Senior Transmitter Manager.(Darling-PNG).
SOLOMON ISLANDS: SIBC 5020 f/d "Logo" cd. in 5 wks.(Cox). 9545 same cd. w/ stamps in 27 ds. for 1 IRC.(MacHarg).

هيئة الاتصالات السلكية واللاسلكية
LEBEN TELECOMMUNICATIONS CORPORATION
ص.م.ب. رقم 1161 - ق.م.ب. ص.م.ب. رقم 11111 - ج.م.ب. رقم 11611
P. O. Box 1256 Toronto Adon Telephon 22223 and 22742 Trade Registration No. 1800

الرجوع
التابع

TTC/380(A.1)/27/89
11th March 1989

Andrew P. Rugg
18 Lake Avenue Ave.,
Palma Ceia
QUEBEC H9B 3H9
CANADA.

Dear Sir,
Received your letter dated 31/January/1989 concerning reception report of Democratic Voice Broadcasting Services.
After checking with the Broadcasting authorities, we confirm your reception report on the frequency 7190 KHz at the time and place mentioned in your letter.
We are enclosing with this letter our QSL card and hope it meets your requirements.

LETTLANDS RADIO RIGA

via Joe Ervin



BOX 266
QSL



NOTES: Jacob Kacir sent along a very nice note informing us that as of June Radio Denmark is no longer sending out QSL cards. Jacob says that eventually their transmitters will be shut down and their programs will be relayed via Radio Norway. Kirk Allen in OK sends his best regards to everyone and hopes that this summer is kind to us all. Lots of rain out his way. All we had here in CT was tornados - about 4 or 5 of them. I missed them by about two miles...Sam. Old time friend Neil Dickerson writes that he is getting back into DXing. He presently is using a FRG-7700 with an outside 60' Alpha Delta Sloper antenna. Nice to hear from you Neil....Sam. Neil can be reached at P.O. Box 457, Sharptown, MD 21861.

SOUTH AFRICA: Radio Suid Afrika 9665 f/d "SABC Tower" cd. in 15 ds. w/ stickers and schedule. (Carson-OK). Radio RSA 21535 f/d "White Rhinos and Photographers" cd. in 17 ds. for 1 IRC. (Carson). 11925 n/d cd. in 3 mo. (Barto-CT). 15365 f/d "Night View of Downtown Johannesburg" w/ Swahili Sue sticker in 68 ds. (Carson). 9615 f/d cd. in 24 ds. w/ schedule and station.

"Composite Scene" cd. in 7 ds. v/s Minnie Visser, Frequency Planning Division. (Kacir-MI). Radio Five 4880 f/d "SABC" cd. in 20 ds. for \$1.00. (Weber-OH). 11880 same cd. in 62 ds. w/ sticker for 2 IRCS. (Carson-OK).

SPAIN: Radio Exterior de Espana 15125 f/d "Statue" cd. w/ schedule in 61 ds. (Dickerson). 15110 f/d cd. in 88 ds. (Levison).

SWEDEN: Radio Sweden International 21610 f/d "Stockholm at 3AM/SCDX 1948-1988 Anniversary" cd. in 41 ds. w/ schedule and station data. (Carson-OK).

SWITZERLAND: Swiss Radio International 15570 and 13635 cd. in 33 ds. (Darling-PNG).

SYRIA: Radio Damascus 15095 f/d white "Logo/Map/Tower" cd. in 170 ds. for 3 IRCS. and a taped rpt. (Carson).

TAIWAN: HSF 15000 via Chung-li f/d "Dr. Sun Yat-sen Memorial Hall" cd. in 25 ds. for \$1.00. (returned). Station brochure was rcvd. (Davis-NM). Voice of Free China 9680 f/d "Announcers at Microphone" cd. in 65 ds. w/ stickers for 1 IRC. (Carson).

TURKEY: Turkiye Polis Radyosu 6340 f/d cd. w/ tourist info. in 158 ds. for 1 IRC. (D'Angelo-PA). f/d cd. in 5 mo. for 2 IRCS w/ brochures. (Lare-MI). Voice of Turkey 9445 f/d "Copper Pot/Decoration" cd. w/ pennant, stickers and tourist info. in 45 ds. for \$1.00. (Kacir-MI). f/d "Embroidered Purses" cd. w/ several different station stickers and a large cloth pennant in 45 ds. (Carson-OK).

UKRAINIAN SSR: Radio Moscow 9775 via Tula f/d "Bolshoi Theatre" cd. in 59 ds. (Dickerson). 17610 via Simferopol f/d cd. in 52 ds. (Dickerson). 11730 f/d cd. in 1 mo. w/ schedule. (Lare-MI). 21800 f/d cd. in 66 ds. (Darling-PNG). 15585 f/d "Lenin's Tomb" cd. in 33 ds. (Wilkins-CO). 17685 via Vinnitsa f/d "Lenin's Tomb" cd. in 33 ds. (Wilkins-CO). 9665 via Ivano-Frankovsk f/d "Poster" cd. w/ schedule and program guide in 6 wks. (Kohlbrener-PA). Radio Kiev 7400 f/d "Revolution Square" cd. w/ local postcards in 68 ds. (Carson-OK). 9860 f/d "Japanese Woman - Oil on Canvas" cd. in 42 ds. w/ stamps. (Levison-PA).



USA: WHRI 7520 f/d cd. w/ personal note in 182 ds. for ms. v/s Loren Holycross. (Carson-OK). f/d cd. in 6 mo. for ms. (Overcross-SC).

KVOH 17775 f/d "Transmitter" cd. in 38 ds. w/ stickers. (Carson-OK). f/d Voice of Free China 5985 via WYFR f/d "Announcers" cd. in 17 ds. w/ stickers and newspapers (Levison-PA). KJES 17840 f/d cd. in 17 ds. for ms. after a f/up rpt. (Palmer-sheim-MN). VOA Bethany 17800 f/d cd. in 23 ds. (Darling-PNG).

QSL

Certificado de Sintonia

Emisora X E W W MEXICO, D. F.

A Sr. ROWLAND ARCHER

Muchas gracias por su informe de recepcion. Tenemos el gusto de confirmar su control de nuestra emision en

6145 KHz. de fecha 24 - XI - 88

a las 06:02 horas de MEXICO, D. F. con

10,000 vatios de potencia.



SISTEMA RADIOPOLIS, S. A.
DIRECCION GENERAL TECNICA

★ FEB. 14 1989 ★

Address: Home post (if any)
Name: please use title



Directorate General
ALL INDIA RADIO
ASHAVANI BHAVAN,
PARLIAMENT STREET,
NEW DELHI-110001 INDIA

No. 3/1/0053

Dated: 14/7/88

Dear Sir/Madam,

We gratefully acknowledge your
Remission Report and thank you for
3205...
27/7/88...
60.20...
UTC
The transmission originated from our
Station at...
11/11/88
11/11/88
11/11/88
11/11/88

11/11/88
11/11/88
11/11/88
11/11/88



Mr. Edward Kugalski

2117 - 10 Street - "A"

Coaldale, Alberta

Canada T9E 0L2

USA: AFRTS 6030 via Bethany f/d cd. w/
station data for 88 reception. v/s
Robert L. Castle, Chief - Radio Div-
ision. (Rugg-QUE). VOA Greenville
9590 f/d cd. in 266 ds. (Darling-PNG).
5985 via Delano f/d cd. in 266 ds.
(Darling-PNG).

USA (Pirate): United World Radio 7416
f/d computer generated sheet in 58
ds. for SASE. v/s Harrison Bergeron,
Program Director. (Frodge-NY).

USSR: Radio Station Peace and Progress
4765 p/d cd. in 57 ds. w/ schedule.
(Hazzard-PA).

UZBEK: Radio Moscow 21615 via Tashkent f/d cd. in 2 mo. (Darling-PNG). 17655 f/d
"Friendship" cd. in 2 mo. (Bolitho). 15455 f/d cd. w/ schedule in 54 ds. (Darling).
9675 and 11880 f/d cds. in 7 wks. (Rugg). Radio Tashkent 9540 f/d cd. in 78 ds. w/
schedule. (Terrence). f/d green and gold cd. w/ schedule and postcards in 55 ds. for
* \$1.00. (Zobro-MI). RIZ54 Radio Moscow 14410 via Tashkent cd. in 2 mo. for reception
of RS transmission in USB. Card actually states that 14410khz is the second harmonic
for their transmitter on 7205khz. Very unusual for the Soviets but appreciated. Also
rcvd. station schedule. (Barto-CT).

VANUATU: Radio Vanuatu 7260 f/d "Head of Sliit Cong - Tam Tam" cd. in 23 ds. for \$1.00.
Very happy with this QSL. (D'Angelo-PA).

VATICAN CITY: Radio Vatican 9605 f/d cd. in 97 ds. (Stout). 9755 f/d "Statue of the
Archangel Gabriel" cd. in 55 ds. (Dickerson).

VENEZUELA: Radio Maracaibo 4860 f/d prepared cd. w/ very nice ltr.
in 24 ds. for a SP rpt. and \$1.00. This was for a f/up rpt. on
an 82 reception. v/s Maximo Flores V., Director. (Wilkins-CO).

WEST IRIAN: RRI Nabire 5055 f/d cd. in 1 mo. for an IN rpt. v/s
E.H.C.H. Maliombo BA. (Field-MI).

YEMEN, ARAB REPUBLIC OF: Radio Sana'a 4938 p/d EG form ltr. in 3 1/2 mo.
v/s Abdullah Farhan, (Cox-OR).... Is this a correct freq?... Sam.

YEMEN, PEOPLES DEMOCRATIC REPUBLIC: Democratic Yemen Broadcasting Ser-
vice 7190 via Al-Hiswah f/d cd. w/ p/d ltr. in 118 ds. after a f/up
rpt. for 3 IRCS. v/s Ali Bin Ali Muhsin, for Director General. This
QSL arrived via the Yemen Telecommunications Corporation. (Davis-NM).

YUGOSLAVIA: Radio Yugoslavia 15105 f/d "Skopje - New Housing Community" cd.
in 5 wks. after several f/up rpts. for \$1.00. Schedule was also rcvd.
(Kohlbrener-PA). 9620 f/d cd. w/ ltr. and schedule in 65 ds. for 1 IRC.
(Morby-NY).

LA VOZ DE NAHUALA

La Voz de Nahuala,
Nahuala, Depto de Soledad,
Guatemala, C.A.

Nahuala, 18 de enero de 1989.

Editor
Reynold Acosta
2524 Southern Park
Belize, BC 27612
Belize

Intimidad:

Por medio de la presente, deseo recibir de su atenta revista correspondiente al 18 de febrero de 1989, el siguiente direccionado nuestro correo a: 07-151 a 08-08, Soledad, Guatemala.

La voz de Nahuala, transmite los lunes a viernes de 05:00 a 08:00 y de 15:00 a 21:00 horas. Los domingos de 05:00 a 08:00 y de 13:00 a 21:00 horas. Los días sábados no trabajamos en vista que la mayoría de las personas tienen que trabajar.

El fin de Nahuala, transmite programas musicales y culturales, también en nuestra programación incluimos temas de agricultura, salud, religión y temas para la mejor comprensión y entendimiento.

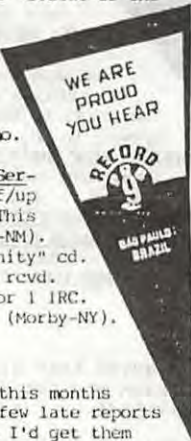
La voz de Nahuala, transmite como columna cultural y educativa y la mayoría de sus programas se difunden en los idiomas Ingles, Guatemalteco y Español, como idioma oficial del país.

Resalta nuestra programación en la Iglesia Católica, siendo transmitida por el sistema satelital y por los computadores que colaboran voluntariamente con nosotros.

La voz de Nahuala, fue fundada el 21 de noviembre de 1982 y contamos con dos transmisores de 1 Kw. cada uno de potencia. Sea su correo Philip de Soledad (Nahuala) y otros correos a través de transmisoras.

La programación de nuestra revista, adjunta a la presente nuestra tarjeta de QSL. Siempre la tenemos en actualización, pero el sobre no está dirigido a él.

Por la atención prestada a la presente, me es grata suscribir de usted, como es debido, cordialmente,



I hope everyone enjoyed this months QSL Column. There are a few late reports that I have so I thought I'd get them into this months Column.

ASIATIC RUSSIA: Radio Moscow 15395 via Petrovavlovsk-Kamchatsky f/d "Monument to Yuri Gagarin" cd. in 42 ds. w/ schedule.

* (Dickerson). RHM22 Radio Moscow 10690 via Irkutsk f/d cd. in 5 wks. for a reception of a USB transmission in Russian. Schedule was rcvd. (Barto-CT).

AUSTRALIA: VL44 4920 via Brisbane p/d cd. in 5 1/2 mo. for a taped rpt., ms. and my personal info. sheet. (Huntwell-NJ).

CHINA, PEOPLES REPUBLIC OF: Radio Beijing 17855 f/d "The Happiness Canal" cd. in 59 ds. w/ schedule. (Dickerson).

DUBAI: United Arab Emirates Radio 9595 f/d folder cd. w/ schedule in 66 ds. (Dickerson). 11985 f/d folder cd. w/ schedule in 61 ds. (Dickerson).

ECUADOR: HCJB f/d "Ecuadorian Stamps" cd. in 15 ds. (Dickerson).

EUROPEAN RUSSIA: Radio Moscow 17615 via Serpukhov f/d "State University" cd. in 63 ds. (Dickerson). Radio Station Peace and Progress 5905 via Moscow p/d yellow cd. in 9 wks. w/ schedule. (Barto-CT). 7300 via Tula p/d yellow cd. in 2 mo. w/ schedule and sticker. (Barto-CT).

GEORGIAN SSR: Radio Moscow 11980 via Tbilisi f/d "Lenin Mausoleum" cd. in 45 ds. w/ schedule. (Dickerson).

GERMAN DEMOCRATIC REPUBLIC: Radio Berlin International 11970 f/d cd. in 3 mo. w/ schedule. (Dickerson).

GERMANY, FEDERAL REPUBLIC OF: Deutsche Welle n/d "Globe Style" cd. in 6 mo. for a taped rpt. and ms. Rcvd. stickers and schedule. (Huniwell-NJ).

GREECE: Voice of Greece 9420, 9395 and 7430 via Avlis f/d "Santorini Island" cd. in 3 mo. (Barto-CT).

GUAM: KSDA 13720 f/d sticker type cd. w/ several different sizes of AWR station stickers in 3 mo. w/ schedule and related station information. (Barto-CT).

ISRAEL: Israeli Radio International 21675.3, 17590, 17555 and 15615.5 p/d blue "Logo" cd. in 7 wks. (Barto-CT).

JORDAN: Radio Jordan 9560 f/d cd. in 19 ds. for a Canadian dollar and a US dollar. Very pleased with this QSL! (Ward)....I'd like to mention that Henry Ward has been an active contributor to this Column over the years. He is 82 years young!....Sam.

LIBYA: Voice of the Libyan People 9500 rcvd. a f/d QSL from Radio Jamahiriya for this reception. I'm not quite sure if this was their station, the clandestine outlet, or one of Jamahiriya's many programs. I thought I'd take a shot and send the report to them - and it came back. (Barto-CT)....Kind of a mystery to me...Sam.

MEXICO: XEPP Radio Educacion 6185 and 12370 (harmonic) p/d ltr. w/ personal note and station photo in 1 mo. for a SP rpt. v/s Ing. Gustavo Carreno L., Subdirector Tecnico. (Barto-CT).

MONGOLIA: Radio Ulan Bator 12015 f/d cd. in 6 mo. (Dickerson).

SARAWAK: Radio Television Malaysia 5005 via Sibu f/d "Broadcasting House" cd. w/ schedule in 3 mo. (Barto-CT).

TAIWAN: BSF 15000 f/d cd. in 1 mo. w/ related station info. (Allen-OK).

I guess this will finally end the QSL Column for this month. Thank you for your contributions and for all of your very kind letters.

Till next month.....73s

Sam

**RADIO ULANBATOR
MONGOLIA**



**AMAMBAY
SU RADIO**



1970 EST. A.M.
1970 EST. A.M.
1970 EST. A.M.
P. JUAN
CABALLERO

Paraguay.

إسى نواكشوط هنا نواكشوط
HUNA NOUAKCHOTT!! ICI NOUAKCHOTT
via Richard Davis



الإذاعة الموريتانية
RADIO MAURITANIE





Distributing Editor: Kris W. Field, 431 Babylon Rd., Ambler, PA 19002-2302

FRENEX CONTRIBUTORS LIST — AUGUST 1989 — DEADLINE 12th of MONTH

The following members submitted loggings this month:

Kevin ATKINS, Pinson, AL	R70,R390A
Brian ALEXANDER, Mechanicsburg, PA	
Raymond BAUERNHUBER, Rosedale, NY	Sony 2010 + Sony AN-1 antenna
Norman BOBB, Minneapolis, MN	XCR 30, Satellit 400
Bob BROWN, Lansdale, PA	NRD 525
Richard D'ANGELO, Wyomissing, PA	
Peter DILLON, Greece	DX 400
Kris FIELD, Ambler, PA	NRD 525
Harold FRODGE, Midland, MI	R71A + Trap dipole
Michael HARDESTER, Portsmouth, VA	R70 + 20 feet of wire
Joe HOWELL, Escondido, CA	
Paul KLING, Amarillo, TX	R71A
Harold LEVINSON, Philadelphia, PA	R70
Leonard R. PRICE, Annandale, VA	R2000,ATS 803,GE World Monitor
Linton ROBERTSON, San Diego, CA	Modified R70,R-388,SX-28
Bob RYDZEWSKI, Santa Cruz, CA	NRD 525
Dan SHEEDY, Encinito, CA	NRD 525 + Datong FL3
Roland SCHULZE, West Germany	R-5000,Drake R-7&R-4C,R70
John TUCHSHERER, Neenan, WI	R70, FRG 7700

Well, there we have it for another month. Thanks to everyone submitting loggings and other items for distribution to the editors! As usual, I greatly appreciate the fact that most of you take the time to cut your loggings into strips and sort them in frequency order for me.

Notes to contributors: Bob Rydzewski, I'm sorry to hear about your ailing NRD; hope it gets well soon. D. Sheedy reports he may be forced to do some DX'ing from the beach in Trinidad this summer. Well, Dan, we all have to take the good with the bad! Mike Hardester is doing his DX'ing with a 20 foot wire antenna from inside his barracks!

IT'S A BOY !!

My wife, Elaine and I are proud to announce the birth of our son Matthew Christian Field!! Matt joins us and his older brother, Alex, (two and one half years of age) three weeks ahead of schedule but welcome just the same. He logged in on 16 July 1989 at 1649 UTC weighing 6 lbs. 2 oz. Mom was great and Matt is fine also. I guess I'll be sure to be awake for those 0900 band openings this fall. Whether I get anywhere near the radio is another story!

Until next month,

73 Kris

Don't forget the ANARC Net on Sunday mornings.



LOG REPORT

section A

2000 to 4899 kHz

Editor: Bob Brown, P.O. Box 591, Colmar, PA 18915

- 1619.8 UNID (Pirate) 0352-0447 EG, Someone rebsteing several diff. stns. w/IDs @ various times. "KNX-FM, 93.1" in L.A., "WNBC" in NYC, "R Candy" in ?, "WEAN" in Providence RI. (Alexander-PA 7/3)
- 1620y UNID (Pirate?) Time varies 0008-0315, Hrd same pgm of intl mx. Reggae, Afro, Mideast, New Orleans. Any ideas? (Field-PA 7/4,5,6,9)
- 2390p JAVA(INDONESIA) RRI Cirebon 1152+ Lite mx, quick muffled anmt by OM before SCI in rapid fade. Don't recall NAM logs of this one in sevrll seasons. Weak. (B/C 7/4)
- 2904.8 TIMUR(INDONESIA) RKPDT2 Ngada 1135+ Strong sig, recommended as EC Nam target. Numerous anmts of Ngada. (B/C)
- 2962.8 TIMUR(INDONESIA) RPDT2 Manggarai Commonly hrd at max dawn w/ fair sig. Jak nx relay @ 1200. (B/C)
- 3142.9 SUMATRA(SUMATARA, INDONESIA) RPKDT2 Belitung 1212 Max dawn peak w/ somewhat surprising Jak nx by YL. Fair //4753.3 (B/C)
- 3144.5 UNID 1150-1210* Seemed defintly Indo, strong w/bad audio. Pop mx, ments of Indo cities. Quick anmt & s/off. Hrd only this date. (B/C 7/5)
- 3220 PAPUA TERR. (PAPUA NEW GUINEA) R. Morobe 0850 Pidgin, OM monologue, muddled audio, off-key mx, HCJB underneath. (Howell-CA 6/29) 1245-1301* (Sheedy-CA 6/20)
- 3222.9 TIMUR(INDONESIA) RRI Mataram 1030-1230 Reg w/potent sig. Xmitter definetly fixed! (B/C)
- 3225 NEW BRITAIN (PAPUA NEW GUINEA) R. West New Britain 1238-1300* Pidgin/EG C&W mx, clsing anmt w/ID, chimes, quick NA. Fair (Sheedy-CA 6/20) 1018-1040 (Atkins-AL 6/26)
- 3235 BRAZIL R. Clube de Marilia 0330-0402* PT, IDs, slow instr. mx clsing ancmnts, s/off (Schulze-FRG 6/6)
- 3245 BRAZIL R. Clube de Varginha 2352-0005 PT, ID, slow mx, (Schulze-FRG 6/6)
- 3249.3 HONDURAS R. Luz y Vida 0315-0330 SP, ID, rel pgm. (Schulze-FRG 6/6)
- 3255 BRAZIL R. Educadora Cariri 0028-0159* PT, slow LAm, ID, QRG's given, clsing ancmnts, NA, s/off. (Schulze-FRG 6/6)
- 3274.8 VENEZUELA R. Mara 0555-0620 SP, LAm mx, anmmts, ID. (Alexander-PA 6/17) 0045-0315 (Schulze-FRG 6/9,10)
- 3290 NAMIBIA R. SWA 0043-0100 EZL mx, EG ID @ 0100. Fair. (Atkins-AL 6/26)
- 3306 TIMUR(INDONESIA) RRI Dili 1005-1220 Lagu & tlk, Jak relay @ 11 & 12. Usually moderate to strong but erratic sked. (B/C 7/4)
- 3310.3t BOLIVIA R. San Miguel 0135-0300 SP, mstly tlk. Andean mx. (Alexander-PA 6/17)
- 3315 ADMIRALTY ISLANDS (PAPUA NEW GUINEA) R. Manus 1215-1229 EG, TC, ID, ads or employment requests. Fair (Sheedy-CA 6/20)
- 3315.1 ECUADOR R. Pastaza 0135-0230 SP, Andean mx, anmmts. ID @ 0226. (Alexander-PA 6/17)
- 3316 SIERRALEONE SLBS *0554-0630+ IS, NA, ID, s/on anmts w/freqs in EG. Classical organ mx w/pgm "The Voice Of Salvation" @ 0615 aftr ID. Poor to fair. (Brown-PA 7/23) (Schulze-FRG 6/6)
- 3320 SOUTHAFRICA R. Orion 0010-0037 EG/AFK EZL instr mx, AK/EG ads, TC, ID, DJ w/wx. SIO252 //4810(fair) (D'Angelo-PA 6/19)
- 3325 BOUGAINVILLE IS. (PAPUA NEW GUINEA) R. North Solomons 1040-1110 Lcl lang, tlk, choral mx, nx after 1100 ID. QRM fm pres. RRI-Palangka Raya. F-G. (Atkins-AL 7/3)
- 3335 BRAZIL R. Alvorada 0220-0245 PT, ID, tlk, LAm mx. (Schulze-FRG 6/10)
- 3335p NEW GUINEA TERR. (PAPUA NEW GUINEA) R. East Sepik 0823 Pidgin, tlk, nx 0830, ments of kota kinabalu, sig better later. (Howell-CA 6/30) 1154 (Sheedy-CA 6/20)
- 3339.5 PERU R. Altura 0140-0240 SP, Andean mx, ads, anmmts, ID. Still hr @ 0500. (Alexander-PA 6/17) 0250-0305 (Schulze-FRG 6/10)
- 3354.7 ANGOLA R. Nacional 0315-0405 PT, ID, lcl mx, drum intervals, ID, notices. //3375.8 //4953.3 (Schulze-FRG 6/10)
- 3473.1y BOLIVIA R. Padiilla 0102-0202* SP, tlk, ID, SP ballads, Andean flute mx. Slightly wobbly unstable carrier. (Alexander-PA 7/1)

- 3654.1p CELEBES(SULAWESI,INDONESIA) RKPDT2 Luwu 1045 Weak w/lagu pops. (B/C 7/4)
- 3774.7 TIMUR(INDONESIA) RPDT2 Sumbawa 1046 Regular & potent signal (Go get it East Cst!) Does not relay Jak nx @ 1200. At normal 1205 s/off, NA (not Love Ambon) w/clsing voice over anmts. Mni full IDs ments of Sumbawa every min. or so. (B/C 7/4)
- 3905 INDIA AIR Delhi *1615 IS,NA, ID into Quran, nx. //7265,9910 All good. (Wood-HI 6/23)
- 3959.8 CELEBES(SULAWESI,INDONESIA) RRI PaJu 1252-1312 IN, Inod-pops, numerous RRI IDs but no lcl ID. SCI to Jakarta relay @ 1300. NA @ 1311. (Atkins-WA at Bryants Happy Signals DX Camp 6/25)
- 3985.8 IRIAN JAYA,INDONESIA RRI Manokwari 1210-1224 IN, "warta betita ekonomi dan industri" pgm //4874.5(Sorong), 3959.8(Palu), 4000.2(Kendari), 4002.5(Padang) w/ lcl break, ID @ 1223 Fair. (Sheedy-CA 6/17)
- 4518.5 BOLIVIA R. Nuevo Horizonte 0135-0300 SP, Mstly tlk, ID, TCs, some Andean mx. (Alexander-PA 6/17)
- 4556nf KOREA,PDR KCBS-Pyongyang 1550 KR, tlk on Karl Marx. Good //6250 (Wood-HI 6/23)
- 4600 BOLIVIA R. Perla del Agro 0041-0110 DJ, ballads, 3 quick IDs @ 0051 then live performance w/YL vocalist w/guitar. Good but distorted. (Atkins-AL 7/2) (Tuchscherer-WI 7/16)
- 4649i BOLIVIA R. Santa Ana 0040-0200 SP, ballads, Andean mx, anmts. No ID hd. (Alexander-PA 6/18)
- 4681.4i BOLIVIA R. Paititi 0135-0200 SP, Andean mx. Vy wk. lost @ 0200 (Alexander-PA 6/17)
- 4700a JAYA(INDONESIA) RKIP Surabaya 1116 Vy regular w/moderate sig. Pop mx. (B/C 7/4)
- 4710.3 BOLIVIA R. Abaroa 0135-0230 SP, Andean mx, TCs, mentions of Riberalta, ID. Still here @ 0500. (Alexander-PA 6/17)
- 4753 CELEBES(SULAWESI,INDONESIA) RRI Ujung Pandang 1155 IN, lcl tlk. Good (Wood-HI 7/5)
- 4755i BRAZIL R. Educacao Rural 0830 PT, ballads/accordion mx. svrl ancrs. Caracol off but QRN suppressed ID. (Howell-CA 6/29)
- 4790 PERU R. Atlantida 0923-094 5 SP mx/tlk, IDs, farm fowl snds. Fair (Bobb-MN 6/10)
- 4795.9 BOLIVIA R. Nueva America 0355-0403 SP, ID, tlk, short mx bridge, clng anmts, s/off. (Schulze-FRG 6/9)
- 4800 LESOTHO R. Lesotho 0447-0520 EG, AFR vcls, child choral singing, TC, ID "This is R. Lesotho". Poor (Kohlbrenner-PA 6/11)
- 4805 BRAZIL R. Difusora do Amazonas 0150-0205 PT, ID, LAm mx, bad mod. (Schulze-FRG 6/11)
- 4805.3p TIMUR(INDONESIA) RRI Kupang Often here, vy weak, poor mod. (B/C)
- 4810 SOUTH AFRICA RSA 0357 AK, ID 'U luister naar R. Suid-Afrika', good (Wood-HI 6/26)
- 4820 ECUADOR R. Paz y Bien 0915-0935 SP tlk & band selections, mentions of Ambato. Poor-Fair (Bobb-MN 6/15)
- 4820 HONDURAS La Voz Evangelica 0320-0330 SP, OM exhorting radio congregation "with a lot of heat". ID. SIO322 (Robertson-CA 6/20)
- 4825 BRAZIL R. Cancao Nova 0805-0820 PT, vcl mx, ID, rooster crow. Poor-Fair (Bobb-MN 6/11) 0132-0145 //9674.9 (Schulze-FRG 6/11)
- 4830nf BOTSWANA R. Botswana 1610 ED, ID, nx, 'This news comes to you from R. Botswana, Gaborone' ex-4820 Good (Wood-HI 6/23)
- 4830 VENEZUELA R. Tachira 0252-0304 SP, LAm mx, mni IDs. Fair (Bobb-MN 6/21)
- 4835i AUSTRALIA VL8A-Alice Springs 0805-0830* EG, DJ, pop mx. 1st time hrd on 60M, abrupt s/off 0830 w/no ID. Fair. //4910 P-F, 5025 Vy P. (Sheedy-CA 7/2)
- 4840 VENEZUELA R. Valera 0932-0945 SP, tlk, IDs, greetings, mx. Fair (Bobb-MN 6/28)
- 4845.2 MOLUCCA IS. (MALUKE,INDONESIA) RRI Ambon 1055-1106 IN, krongkong mx, bells @ 1100, lcl ID & into warta berita. Fair. //4753.3(Ujang Padang)..QRM f/ Kekchi (Sheedy-CA 6/25)
- 4850 CAMEROON Yaounde, CRTV 2350-0002* FR, Ezl mx, FR/EG s/off ID, times & freqs, "Ici Yaounde, choral NA. SIO454 (D' Angelo-PA 6/19) 0425-0500 (Atkins-WA 7/3)
- 4865 COLOMBIA LV del Cinaruco 0744-0755 SP, IDs, mx. Fair (Bobb-MN 7/1)
- 4869.8 ECUADOR R. Rio Amazonas 0108-0120 SP, ID LAm mx. (Schulze-FRG 6/11)

- 4880 **SOUTH AFRICA** R. Five 2335-0000* EG, DJ w/ callers and dedications, TC, s/off, ment retrun @ 5AM (0300) SIO 353 (D'Angelo-PA 6/10)
- 4881.7 **PERU** R. Nuevo Mundo 0730-0801 SP, LAM & OA mx, ID. Vy little tlk. Weak. (Alexander-PA 6/11)
- 4885 **KENYA** VO Kenya *0157-0230 Vern. Flute/drum IS, NA @ 0200. Tlk, lcl AFR mx. (Alexander-PA 6/10) 1555 (Wood-HI 6/23)

Yours truly reports SIERRA LEONE this month! Also reported by Roland Schulze who indicates that they are looking for reception reports. The announced address is: Reception Report, SLBS, New England, Freedom, Sierra Leone. The loggings above from (B/C) where submitted by John Bryant and David Clark and are from their Lopez Island, WA. DXpedition on July 3-5. Receiver used was an NRD525 w/ KIWA MAP and their antenna was a 1200 ft. NNW terminated beverage. One interesting note from John was that R. Enga (PNG) was not to be heard throughout June and he believes it to be off the air. All other 90/75m PNG's were good between 10-1200+. Sounds like John and Dave had a great time.

A valuable reference in my shack when DX'ing the tropical bands is the Tropical Bands Survey published by the Danish Shortwave Club International. Now is the time to order the new 17th edition for the upcoming DX season. TBS covers all broadcasting stations with location and country in the frequency range 2000-5900 Khz. Also listed are power, how often reported, transmission times and other info. It is available for 9 IRC's airmail from the DSWCI, Tavieager 31, DK-2670 Greve Strand, Denmark.

Once the static clears out, there will be quite a few loggings to report here. To help me out, please write LEGIBLY! Also, when reporting, you should be including: Country (from the NASWA list if possible), station, freq, times, date, and unique info such as actual ID etc. To save space, I will not be printing 'M/W talking' or song titles. 'Tlk' is sufficient as well as 'NAM pops'.

One final note: If you have any comic books consuming space in your attic I'd be glad to take them off your hands.

Till next month, 73 - Bob KW3F. Compuserve 74756,1557

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: Collins 1.2 kHz Mechanical Filter from 51J-4 receiver. Part number stamped on the side reads SID-42102 G1 S17 X 53244. \$35.00. Lin Robertson, 1038 Turquoise #9, San Diego, CA 92109. (619) 488-3226.

FOR SALE: Sony ICF-2002 (similar to ICF-2003) portable. Tunes 0.15 to 30 MHz plus FM, digital readout, keypad frequency entry, BFO, memory, and timer. In mint condition. Includes AC adapter, external battery case, and carrying sack. \$100.00 plus UPS to your QTH. Harry Helms, 7445 Andasol Street, San Diego, CA 92126.

WANTED: JRC Frequency Controller #NCM-515 and Junction Unit #CQE-515. Both for JRC NRD-515 receiver. Lance Evingson, 1044 Fairmount Avenue, St. Paul, MN 55105. (612) 227-9916.

FOR SALE: Kenwood R-5000 in perfect condition. Has FM unit for 108 to 174 MHz and narrow AM filter. Price \$800.00. Ira K. Friedberg, 68-34 Springfield Blvd, Bayside, NY 11364. (718) 225-5697.

WANTED: Old boat anchor ham radio linear for restoration. Heathkit HA-10 "Warrior" or KL-1 "Chippewa" and/or power supply; Hallicrafters Ht33; Viking Courier, Thuinderbolt, or Johnson Kilowatt. Working, semi-working, or decent salvage considered. Nolan Stephany, 3369 Lake Road, Williamson, NY 14589. (315) 589-8863.

FOR SALE: Telefunken Magnetophon reel-to-reel recorder, portable 10 by 11 inch size. Mint condition in original carton, never used. Cost \$140.00 in 1980, will sell for \$75.00 U.S. cash or check, shipping included. Ernie Behr, P.O. Box 1991, Winnipeg, Manitoba Canada R3C 3R3.

WANTED: Information on obtaining a used Grundig Satellite 650 receiver or its equivalent. Please include shipping in the price. David Oponga, P.O. Box 49394, Nairobi, Kenya.



LOG REPORT

section B

4900 to 6199 kHz

Editor: Sheryl Paszkiewicz, 1015 Green St., Manitowoc, WI 54220-6231

- 4900 CHINA, Haixia 2, 6/17, 1330 "Haixia zhi sheng guangbo diendai" ID not //Haixia 1, presumed 2nd pgm (Sheedy-CA)
- 4904.5 CHAD, RN, 6/15, *0426 in FR w/IS, NA, ID 0430, sev ment of N'djamena, Afr. vcls, fair. (Kohlbrener-PA)
- 4910 ZAMBIA, RZ, 6/26, *0357 IS, drums, chorus, EG s/on w/list day's pgms, good. (Wood-MI)
- 4915 BRAZIL, R. Anhanguera, 6/28, 0035-0100 w/IDs, ballads, tlk, singing IDs, good. (Bobb-MN)
- 4915 GHANA, GBC, 6/15, 0529 in EG/lang w/ID, TC, opening annmts, rel pgm, fair. (Kohlbrener-PA)
- 4920 AUSTRALIA, ABC Brisbane, 6/28, 1240 in EG w/OM & YL, pop mx, Features. SIO=252. (Robertson-CA)
- 4926.4 RIO MUNI, RN Bata, 6/25, 2252-2300* in SP/lang w/hilife mx, ID, NA 2257, fair. (Kohlbrener-PA)
- 4934 KENYA, Vo of Kenya, 6/10, *0157-0230 in EG w/flute/drum IS, ID, NA 0200, annmts 0201, rel mx, Bible readings, instls & pop mx. (Alexander-PA)
- 4939.5 VENEZUELA, R. Continental, 6/11, 0055-0105 w/ID, mx, OM tlk w/mx bridges. (Schulze-FRG) 6/16, 0317-0336 w/lively LA vcls, ID, TCs, lots of mx! (D'Angelo-PA) 6/24, 0947-1002 w/TCs, greetings, IDs, mx, F-G & fading. (Bobb-MN) 6/13, 0954 w/enthusiastic IDs, tropical mx (Howell-CA)
- 4955 BRAZIL, R. Marajoara, 6/6, 0755-0815 w/IDs, mx, CW QRM. Fair. (Bobb-MN)
- 4964.5 BOLIVIA, R. Juan XXIII, 7/1, *0954-1016 fade w/flute/drum mx, YL ID, annmt, more mx, some tlk by M. Poor. (Atkins-AL)
- 4965 SOUTH AFRICA, R. RSA, 6/26, *0350 IS, 0400 AK see to Southern Afr, nx //6130. 11805 added at 0500, good. (Wood-MI) 6/23, 0416 w/clx mx, ID 0428, tlk, nx to 0440. (Jordan-PA)
- 4970 PERU, R. Imagen, 6/29, 1042-1110 w/trop mx & rapid annmts, TCs, quick ID 1054. F-G w/Rumbos in bkgd. (Atkins-AL)
- 4976.1 BRAZIL, R. Timbira, 6/17, 0812-0830 w/primitive sounding folk mx, IDs, annmts, "Timbira" jingles. (Alexander-PA)
- 4980 VENEZUELA, Ecos del Torbes, 6/15, 0025 vy poor w/tlk by M, ment. San Cristobal, vcls, ID, SIO=252. (Bauernhuber-NY)
- 4985 BRAZIL, R. Brasil Central, 6/11, 0031-0106 w/pop mx, OM tlk some ads, sev IDs, nx 0100, ID, FC 0105, vcls. SIO=2+52. (D'Angelo-PA) 6/28, 0110-0120 w/IDs, tlk, mx. (Bobb-MN) 6/9, 0452-0500 w/ID, slow mx, annmts, slow fade out. (Schulze-FRG)
- 4990.7 PERU, R. Ancash, 7/5, 1120-1146 decent w/ads for Huaraz business, pgm notes, late for them to be in here. (Sheedy)
- 4996 PERU, R. Andina, 6/10, 0945-0954 w/tlk, mx, ID. (Bobb-MN)
- 5005 SARAWAK, RTM Sibn, 6/10, 1248-1325 w/nx, xmsn info, IS, YL ID, fair. (Rydzewski-CA)
- 5005 NEPAL, R. Nepal, 6/23, 1457 in Nepali w/odd filler mx, YL ID, OM nx. (Howell-CA)
- 5010 MADAGASCAR, R. Madagasikara, 6/10, 0256-0315 in vern w/IS, NA 0258, annmts 0259, lite instls, tlk //3287.6 (Alexander-PA)
- 5015 BRAZIL, R. Pioneira, 6/11, 0804-0822 w/pop mx, ID, ads, annmts by M/W, "Coca-Cola" jingles. (Alexander-PA)
- 5045 COSTA RICA, R. Impacto, 6/8, 0129 "Emisora la gusta mas" pop mx, SIO=33+3. (Frodge-MI) 6/7, 0317 w/tlk abt Sandinistas (Howell-CA) 6/10, 0408-0412 w/ID, nx (Schulze-FRG)
- 5055 FRENCH GUIANA, RFO Cayenne, 6/4, 0750-0810 in FR w/pop mx tlk, "Radio France" IDs 0759, TP, TC for 10 a.m. (summer-time in France), ID, nx. SIO=353. (D'Angelo-PA)

- 5075 COLOMBIA, Caracol Bogota, 6/26, 0520 w/Caracol Noticias, promo in PT for Copa America 89, ID //MW 810, good. (Wood)
- 5095 COLOMBIA, Caracol Bogota, 6/29, 0955 w/ID, nx. (Howell-CA)
- 5660.6 PERU, IV de Cutervo, 6/28, 0200-0247* w/campesino mx, CM annmts, echo ID 0230 w/SW/MW freq, mournful vcl & sudden off. F but awful QRN. (Atkins-AL)
- 5930 CZECHOSLOVAKIA, R. Prague, 6/22, 0100 nx, Czech Scrapbook good. (Price-VA)
- 5955t PHILIPPINES, VOA Tinang, 6/27, 1330 in CH w/YL anncr, jammed by China. SIO=222. (Robertson-CA)
- 5960 CANADA, R. Japan via RCI, 6/5, 0102 in EG w/nx & cmtry. SIO=444. (Levison-PA)
- 5960 WEST GERMANY, Deutsche Welle, 6/10, 0500-0515 in EG w/ID, world nx, fair. (Dillon-GREECE)
- 5965 ECUADOR, LV del Upano, 7/4, *1054-1110 w/ID, FC, HC & poss. state anthems, phone #, addr, //5999.3, 5040 but at 1110 5999.3 & 5965 do lessons, 5040, 1540 into rel. (Sheedy-CA)
- 5965 MALAYSIA, RTM Kajang, 6/27, 1320 in poss. Iban, CM live interview, SIO=353. (Robertson-CA)
- 5965 RHODES, VOA Relay, 6/10, 0515-0530 in AR w/"Huna Washington" ID, corres. rpt from Tunis, tlk abt AIDS conference in Canada, vy good. (Dillon-GREECE)
- 5975 ALBANIA, R. Tirana, 6/10, 0530-0545 in RS w/"Govorit Tirana" tlk abt AIDS conference. (Dillon-GREECE)
- 5980 BRAZIL, R. Guarujá, 7/3, 0910-0928 w/gloomy ballads, ads, promos, jingle ID. (Sheedy-CA)
- 5995 MALI, RTM, 7/6, *0559 IS, ID "Ici Bamako" //4785, both good. (Wood-HI)
- 5995 USA, VOA, 6/12, 0100 EG w/nx, New Horizons, Issues in the News, exc. (Price-VA)
- 6005 CANADA, CFCX Montreal, 6/29, 1820 in EG w/ads, promos, tlk, ID, mx. SIO=352. (Bauernhuber-NY)
- 6015 CANADA, R. Austria Relay, 6/28, 0530 w/nx, Rpt From Austria, good sig. (Price-VA)
- 6020 MEXICO, La U de Veracruz, 6/6, 0336 w/romantic mx, nx, fair. (Rydzewski-CA)
- 6025 DOMINICAN REPUBLIC, R. Amanecer, 7/2, 0400 in EG w/rel pgm lcl anncr w/ID, ask for ltrs to Box 1500, Sto Domingo. "New" EG see 0300-0400 per anncr. (Sheedy-CA)
- 6025 BIAFRA, FRCN Enugu, 6/19, 2302-2309* in EG w/nx, tlk by YL "on behalf of R. Nigeria, goodnight" (D'Angelo-PA)
- 6029.7 CHILE, R. Santa Maria, 7/5, 1150-1205* w/great sig, lotto #s, lcl notes, info for truck drivers, ID 1155 after TC, surprised hrd so well so late! (Sheedy-CA)
- 6070 CANADA, CFRX Toronto, 7/6, 0600 EG nx, ment. Bell Canada, good. (Wood-HI)
- 6075 COLOMBIA, Caracol Bogota, 6/30, 0550 w/long-winded "Caracol Colombia" promos //5075, exc. (Sheedy-CA) 7/4, 0706 w/Texaco ad, PT promos, ID, PSA on AIDS prevention (Wood-HI)
- 6080 BRAZIL, R. Araguaia, 6/20, 0119-0150 w/songs in strong QRN but clr IDs 0133, 0147 (Tuchschere-WI)
- 6080 BRAZIL, R. Anhanguera, 7/4, 0214-0232 w/America Cup soccer //4915, ID 0228. (Sheedy-CA)
- 6090 LUXEMBOURG, RL, 6/20, 0150 w/pop mx, YL DJ, fair. (Price)
- 6100 WEST GERMANY, DW, 5/3, 0239 in GG w/whistler jammer & unid SP station underneath. (Frodge-MI)
- 6115 CHINA, Haixia 1, 6/17, 1248 w/tlk, 5+1 TP, ID, theme, QRN XEUDS, //4840, 6170, 7280, tnx Tyson in FT. (Sheedy-CA)
- 6125 CHINA, CPBS-1, 6/19, 1315 w/clx mx //9064 (Robertson-CA)
- 6160 PHILIPPINES, R. Veritas, 6/25, 1310 lang, vcls like Asian Everly Bros. (Robertson-CA)
- 6175 MALAYSIA, Vo Malaysia, 7/9, 1335 good w/IN, ID, in most of this morning. (Sheedy-CA)
- *6187.9p PERU, R. Oriente, 7/9, 1118-1140 w/eclectic mx, 2-5 TCs, ads, chunks of OA NA as filler btwn messages. (Sheedy-CA)



LOG REPORT

section C

6200 to 11699 kHz

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

- 6230 ECUADOR HCJB 0625 EG DX Party line w/guest Arthur Cushen; 433. (Carson-OK 4/30)
- 6240v PIRATE WKND 0321-0437* EG ID, rock mx, comedy routine, Beaver Falls, PA address for rpts. (Alexander-PA) / 0304 262. 5/28 / 0035 the Radio Animal and Big Ed, mx, ID; 232. (D'Angelo-PA 5/28, 30 / 0357 rock mx, testing audio processors; f. (Brandt-NJ 4/29)
- 6249.5 EQ. GUINEA R. Nacional, Malabo 2200 ID mx px; f. (Field-PA) / *0459-0540 SP s/on NA, HI-life mx; wk. (Alexander-PA 5/28)
- 6617 CLAND R. Venceremos (pres) 0245-0300 SP jumping around band, 6637, 6645, 6654, 6660; (Renfrew-NY 5/13)
- 6666 PIRATE LV Alpha 66 0125 ID SP re Hauser 6/3. (Renfrew-NY 5/23)
- 6724.3 PERU R. Satellite 0045-0102 SP mx, ID, ancmts. (Alexander-PA 5/14)
- 6755v CLAND R. Patria Libre 0027-0104* SP tkl by oa/yl, martial mx, LA pops, lcl mx, IDs, ment of Colombianos; strong sig. (Alexander) / 0050-0100* MX, Slogans, Revolutionary tkl, NA on guitar, to return 'next Saturday'. (Renfrew-NY 5/21)
- 7106 GREECE VOA 0100 Urdu nx by oa, features; f. (Price-VA 5/27)
- 7150 GERMANY. FR DW 0347 Lang/EG nx, frq info. CW QRM; f. (Rydzewski-CA 7/15)
- 7151.5 CAMEROON RC, Douala 2245-2304 FR t. mx, tkl; wk. (Alexander-PA)
- 7160 SARAWAK Kurching RTM 1031-1050 EG nx, #E2L mx, ID; (Streitmatter)
- 7189nf EQ GUINEA R. Africa 2150-2302* EG relpx, ID, '9 MHz' (Alexander)
- 7240 CAMEROON RC, Garoua 2255-2259* FR oa tkl, mx, NA, Ham QRM. hrd next day 2215-2300 cles mx, tkl, NA @s/off; (Alexander-PA 5/20)
- 7250 VATICAN VR 0337-0345 AM/RS nx, IS, ID, into RS (Rydzewski-CA 5/9)
- 7255 NIGERIA VoN 0452, 0534 EG nx, cetry, Afro mx; 222, 343. (Carson-OK) (5/21, 5/30) / also rep. by Alexander-PA, Price-VA, D'Angelo-PA)
- 7260 VANUATU RV 0739-0830 Bislama/EG voc, inst mx hosted by oa, nx; 242 (D'Angelo-PA 5/10)
- 7345 CZECHOSLAVAKIA RP 0340 EG 1920 mx; 444. (Carson-OK 5/6) / 0300 nx, cetry, Youth Magazine, culture rep; g. (Price-VA 5/31)
- 7370 USSR RM 2157 EG ID, mx, ute QRM; SIO 121. (Blight-HD)
- 7375 USA. PIRATE Samuuri R. 0304-0310* EG Rod Steward px, ID, sev. meter bands ment, ID, 'God Save The Queen'; (D'Angelo-PA 5/7)
- 7390 USA. PIRATE R. Clandestine 0103-0118 EG Pirate r. Net IDd QTH off of N.A. coast, address: Box 3114, Kingston, NY. mx. (D'Angelo-PA)
- 7413.9 PIRATE Red Rose R. 0240-0315 EG re-bcat w/pop mx, TCs, ID, ads, B'day greetings, '2 o'clock nx' 80258. Red Rose a legit stn in England listed WRTH 999khz & 97.2 MHz FM. (Alexander-PA 6/4)
- 7415 USA. PIRATE WENJ 2221-2253 Jack Beane w/oldies; (Field-PA 5/27) / 2247-2319* pop mx, ID, phone # 201-525-7960, Beaver Falls addr. for rpts. s/off w/NA. (Alexander-PA 5/28) / *2104-2142 appeared to shift up to 7420 and drift back (do we have two dif txns?) ph# addr, mx, etc; 252, 454. (D'Angelo-PA 5/27, 29) / 2138-2319* NA, ID 'Beat Pirate on the East Coast' mx, addr, ph#; (Kohlbrenner-PA) Is there any one outside of PA picking up WENJ? It appears that most Pirates are being hrd there. je
- 7415 USA. PIRATE WK2P K-Zep 2055-2134 EG rock mx, var of IDs, J-Rock QRM. are Pirate WArS being suggested? 353. (D'Angelo-PA 5/29) / much the same w/Beaver Falls addr; g. (Kohlbrenner-PA 5/29)
- 7415 PIRATE Free Radio One 0112-0200 EG rel px, Medford, OR addr., claimed part of N.A. One Satellite Net. hrd fol week; (Renfrew-NY 5/21, 28) / 0150-0218* rel px, ID, addr; f; g. (Alexander-PA 5/28)
- 7415 PIRATE Unid 0309-0315* EG tape of British 'Super Power 97.4',

- ad, ancat of contest winner from Merseyside; g. (Renfrew-NY 573)
- 7425 PIRATE T.R.S.-The Radio Station 2310-0010* EG pop mx, IDs, comedy, ads, 'Wideband Sideband' (Alexander-PA 5/28) /Star Trek skit, mx; g. (Kohlbrener-PA 5/28)note dates of most of these,je
- 7466.9 CZECHOSLOVAKIA RP 0352-0358 EG IS //5930; p. (Brandt-NJ 4/15)
- 7480 PIRATE WCPR 0003-0132* EG testing new mxtr w/problems, rock mx, J-rock ment, 201 ph# given. Made call w/reply 'eventually will QSL-we are slow'; (D'Angelo-PA 5/28) / #2358-0154* mx, equipt problems; (Field-PA)
- 7520 USA WWCW 0208-0220 EG test loop tape played a number of times. addr in Nashville, TN; f. (Wallace-MA 5/28)
- 7651 USA VOA 0000-0130 Multi-Lingual; Pashto,Hindi,Urdu, nx, tlk. features; (Jordan-PA 5/11,14)
- 9445 TURKEY VOT 2348 EG mx, nx, catry;343. (Carson-OK 5/7,12)
- 9465 USA WSHB 2254-2302 EG 'Kaleidoscope', wld nx; g. (Rydzewski-CA)
- 9465 USA WMLK #0400 EG ID, freq, station info, rel tlk; (Carson-OK)
- 9465 USA VOA 0344 SP tlk, nx; 433. (Carson-OK 5/8)
- 9485 USA WHRI 0600 EG IS, ID, QSL offering; g.(Wood-HI 4/29)
- 9500 ALBANIA RT 0245 EG folkmx px, s/off w/NA,IS; Blight-MD 3/29)
- 9515 KOREA.REP. RK 1550 EG economic tlk; //9870; g. (Wood-HI 5/15)
- 9515 BRAZIL R. Nova de Paz 2140-2200 PT ID, rel px, organ mx, s/off; then I hrd awk signal in PT from R. Maruaby, Brazil on the same frequency; (Schulze-FRG 5/10)
- 9535 NETH ANTILLES TWR Bonaire 0428 oaw/freq info, ID; (Rydzewski-CA)
- 9545 SOLOMON IS SIBS 0734-0745 EG 'National News in English', wx, into rel px; f. (Kohlbrener-PA)
- 9565 INDIA AIR time?? EG nx, ment Bangalore// 7412 f. QRM Beijing; (Wood-HI 5/16)
- 9565 BRAZIL R. Universo 2245 PT relay 'A Voz Do Brasil' px// 11905 wk., lcl ID #2300; (Hoffman-PA 5/28)
- 9570 ROMANIA RB time? EG feature & mx recds by oa,yl ancrs;(Price) / 0218 cants on economy, listener input; 434. (Levison-PA 5/19)
- 9575 SP MOROCCO R. Medi-un 2000-2100 Fr/AR px of US rock mx, nx in AR ID, jazz mx px; (Wallace-MA 5/28)
- 9615 SO AFRICARSA 0202 EG nx, PO Box 4559, Amature R. Spectrum; 444 (Carson-OK 5/6,20) / nx, catry on economics; (Levison-PA 5/6)
- 9620 YUGOSLAVIA RY 0021 EG catry; 444. (Levison-PA 5/7)
- 9630 SPAINR. N.España 0450 SP nx, ID, freqs, times; 444. (Carson-OK)
- 9640 KOREA.PDR RP 1535 EG political nx; g. R.Korea also here. (Wood)
- 9645 VATICAN VR #0500 Polish IS, ID 'Tu mowi Watykan', nx; QRM (Wood)
- 9655 THAILAND RL 1130 EG mx, yl w/ID, QRM RCI; 232. (Hoffman-PA 6/7)
- 9660 AUSTRALIA VL99-ABC 0745 EG soccer, play by play; f. (Brandt-NJ)
- 9675 BRAZIL R. Cancao Nove 2320 PT ID, mx w/echo effects, ID, ment of Sao Paulo 'Emissora de Catolica'; (Schulze-FRG 5/6)
- 9695 SWEDEN RS time? EG nx, features, Palma trial; QRM. (Pirnat 6/6) / 0328-0339 SW nx, mx w/Aa. song, sport scores, ID;(Rydzewski-CA)
- 9700 CLAND pres S.AFRICA-V of Resistance ofthe Black Cockerel 0455 PT IS, cock crow & guitar ID by oa between IS, ID, sked, nx; QRM VOA, DW; g. (Wood-HI 5/20)
- 9720 ECUADOR HCJB 0200 EG DX Party Line w/Brent Allred; g. (Price-VA)
- 9730 GERMANY.DR RBI 2145 EG nx, sports, Mailbag; 444. (Carson-OK 5/7)
- 9735 PARAGUAY R. Nac. 0803 SP electioneering slogans, mx; g. (Brandt) 0048-0056 tlk, ID by oa, QRM DW; f. (Rydzewski-CA 5/21)
- 9749.2 SOCIETY IS RFO Tahiti 0400-0440 FR/Tahitian nx, mx, IS w/drums ment 'Papeete'; p. (Rydzewski-CA 6/1)
- 9750 KOREA.REP RK 1359 EG nx, catry, 'mx, 'Seoul Calling'; (Carson-OK)
- 9760 BRAZIL RNB #0455 PT IS, to Afr. list pxing; g. (Wood-HI 4/28)
- 9785 MALTA V of Medi. 0629 EG arts& letters px/La Boheme, nx (Brandt)
- 9825 ENGLAND BBC time? SP lang lesson; SID-555. (Blight-MD 5/18)
- 9835 HUNGARY RB 2350 EG interview px, QRM VOA in SP; 333. (Carson)
- 9860 ITALY ITALIAN R. Relay svc. 0700-0800 EG mx, ID, address, into

UN R. px @0730; w. (Wallace-MA 5/21)

9870 AUSTRIA ORT 0330 4-Langa ID, IS, into FR nx; g. (Wood-HI 5/15)

9870 KOREA.REP RK 1629-1640 EG yl w/feature on Korea; p. (Rydzewski)

9875 AUSTRIA ORT 0132 EG nx, catry, sports; 444. (Levison-PA 5/3)

9885 BELGIUM RTBF 0500 FR nx relay from domestic net; g. (Wood-HI)

9895 GUAM KTWR 1530* after RS rel., sked; g. (Wood-HI 3/9)

10005 UNID BBC 0030 SP bits and pieces of audio; // 9825,11680.
(Hardester-VA 7/2,7/3)

11510 BANGLADESH RB 1608 AR ID 'Huna Dhaka', nx; g. (Wood-HI 4/25)

11805 ISRAEL KOL 0102-0119 EG nx mag., 'Cal.All Listeners' (Rydzewski)

11845 GREECE VoG 0132-0140 EG nx by yl; g. (Rydzewski-CA 5/15)

11865 KUWAIT RK 2010 EG rock mx, comedy; SIO-353. (Blight-MD 5/15)

ATTENTION, PLEASE!

AS YOU KNOW, I HAVE BEEN RUNNING BEHIND. I HAVE JUST NOW RECEIVED THE REPORTS FOR AUGUST AND BECAUSE THERE ARE NOT TOO MANY, WILL ATTEMPT TO INCLUDE THEM AS THESECOND PART OF LR-C. I MIGHT ADD THAT I WAS DISAPPOINTED THAT I DID NOT GET TO MEET YOU AT ANARC IN TAMPA. je.

6214t CLAND R.Quince de Septiembre 0040-0120 SP tlk by 2 oa, patriotic mx, vocal by oa, pos ID; (Jordan-PA 6/15)

6215 INT'L WATERS R.Caroline 0310 EG IDs, pop mx, 'Your on 5-5-8', 'It's a Sunday morning on Caroline'; f w/QSB.(Hardester-VA 7/2) 0230 pop mx w/oa DJ, ID @0234; f. (Price-VA 6/23)

6240 USA.PIRATE Felling Star R. 0215-0310 EG clas mx, re KPRC, re anti-CH govt, 91.9 KPRC FM, Pirate Joe; (D'Angelo-PA 6/19)

6755.3 CLAND R.Patria Libre 0039-0108* SP tlk by oa/yl, mx, several IDs @ 0107; (Tuchscherer-WI)

7108a CHINA unID CH (Hohhot,pres.) 1235* CH⁴ oa,yl tlk, guitar mx; // 3970 wk. tnx Tyson info in FT; g. (Sheedy-CA 6/17)

7188.9 EG GUINEA R.Africa 2150-2221 EG hyan, Bible readings, mx. tnx Bob Hilltip; (Tuchscherer-WI 6/22) / rel px, ID address, NA to s/off; f. (Kohlbrener-PA 6/11)

7190 SO.AFRICA SABC (svc unid) 0605 AK wld nx, SWA elections; not// 9665 nor 8139,11805 in AK; g. (Wood-HI 7/6)

7255 NIGERIA VON 0523 EG AF nx, catry, 'AF This Week'px;(Kohlbrener) / 0605 FR nx, hrd despite reports of being closed down. (I am receiving reports in EG only, je.) (Wood-HI 7/6)

7270 MALAYSIA RM-Kuching,Sarawak 1320 IBAN(?) acapella vocals by oa w wooden block-banging; (Robertson-CA 6/23)

7280 FRANCE RFI 0350-0400* FR FR pop vocals by oa, yl ancr noting that multi-versions of FR NA were played. ID, ancats;(Jordan-PA)

7285 SO.AFRICA R. Orion 0603 AK phone interview; f. (Wood-HI 7/6)

7415 USA.PIRATE WKZP 0218-0233* EG Reagen skit, Rapsong, 'Batdance', Beaver Falls address; p. (Kohlbrener-PA 8/27)

7415 USA.PIRATE Free Radio one 0240-0246* EG tlk w/Rev. John Lewis, ID, Medford, OR address; 232. (D'Angelo-PA 6/28) / (Kohlbrener)

7415 USA.PIRATE UNID relay of 'Red Rose R.' 0248-0308 EG rock mx, birthdah mes, ad string, nx by yl,oa. @0301 ment of Ind.R. Nx', wx, 97.4 FM, '(Laser?) Radio', hrd slogan (Red Rose is the best', pos relay; (per WRTH) in Preston,UK; (D'Angelo-PA 6/4)

7417v USA.PIRATE R. Angeline 0338-0352* EG IDs, Box 40554 Washington, DC address, mx,tlk, 'We are the clowns'.IS,off.(D'Angelo-PA 6/24)

7417 USA.PIRATE R. Clendestine +0352-0415 EG ID, rock mx,ads 'Canned Leftovers', 'Ga,axy of Sports'; (D'Angelo-PA 6/21)

7420 USA.PIRATE Free Radio One 0200-0210 EG tlk, IDs, Oregon addr. re. political prisoners.Noted on 7400 @0240 chk. Pos.V of Tomorrow?? Dif. slants. (Alexander-PA 7/4)

7485.2 USA.PIRATE Unid 0058-0106:20* (hi,hi) EG ID as 'The V of...' (poss 'Sex?') not clear. Beaver Falls addr; f.(Hardester-VA 7/2)

- 9445 TURKEY VOT 0300 EG? y1 reading nx, contest, mx; g. (PRICE-VA)
 9500 ALBANIA RT *1630 FA ID, nx; g. (WOOD-HI 6/23)
 9515 BRASIL R. Novas de Paz 2156-2202* PT on w/rel tlk, mx bridge
 on w/ID. R. Marumby ment. off w/out anthem; 242. (D'ANGELO-PA 6/24
 / 1037-1057 hyans, IDs, QRM BBC s/on; f. (SHEEDY-CA 6/25)
 9515 MEXICO XEWN 0600 SP '...buenos noches...', ID, TC; g. (WOOD-HI)
 9560 ETHIOPIA VOE 1530 EG nx of Africa; g. (WOOD-HI 6/9)
 9565 BRASIL R. Universo *0700 PT s/on, list freq; (WOOD-HI 7/4)
 9565 MONTERRAT V of Germany 0100 EG nx, catry; g. (PRICE-VA 6/6)
 9570 CHINA_PR RB 1619 nx, catry 'Inside the 3rd Wld'; QRM. (PARK-HI)
 9575 USA VOA *0815 EG/Hausa 'special xasn to Af via satellite', into
 Hausa w/nx; Bush meets w/Pres of Zaire; (HOWELL-CA 6/30)
 9580 AUSTRALIA RA 1232-1300 EG 'Communicator' px re Matilda BB, tlk
 on HCJB; (KOHLEBRENNER-PA 6/25) / 1200 "Kangaroo 89", joint mili-
 tary exercise, catry; 444. (BAUERNHUBER-NY 6-29)
 9580 GABON Africa #1 2100-2300* FR every day w/Afr mx, FR songs, rock
 some days w/phonein px; vg. (TUSCHSCHERER-WI 6/15, & often) / on,
 y1 w/closing, ID, freq sked. R. Moscow IS; f. (SHEEDY-CA 6/30)
 9605 VATICAN VR 0050 EG wld nx; 45444. (BAUERNHUBER-NY 6/15)
 9620 USA WHRI *0559 IS, EG tp Europe; //9495 to S.Amer.; g. (WOOD)
 9625 CANADA CBC Northern Svc. 1700 FR/lang country mx, ID; tlk in
 native Indian lang; 5-5. (BAUERNHUBER-NY 6/29)
 9630 NETH ANTILLES RNW 0800 EG "Media Network"; xatr hum. (PARK-HI)
 9644.4 PAKISTAN RP 1320-1330* EG mx, ID by on, y1 into history px; off
 abruptly, poor audio; 242.) (ROBERTSON-CA 6/15)
 9645 COSTA RICA TIFC 0258 EG/SP IDs, family px; p. (SHEEDY-CA 6/22)
 9655 THAILAND RT 1153-1200 EG Econ rpt, mx bridge, ID, nx; (SHEEDY)
 9660 USA BBC 0300 EG nx, QRM from weaker co-channel; g. (PRICE-VA 6/9)
 9680 CHINA_REP-TAIWAN VOFc-WYFR 0325 EG interview of Dr. Han? re:
 Beijing; // 5985 @0225; 434. (LEVINSON-PA 6/8, 6/11)
 9720 USSR RM 2310 EG Moscow Mailbag w/Joe Adamov; g. (PRICE-VA 6/18)
 9742.5 INDONESIA RRI, Sorong *7000 IS, IN, Jakarta nx; g. (WOOD-HI 6/15)
 9745 ECUADOR HCJB 0200 EG DX Partyline w/Brent Allred, stn pr on
 Malaysia; g. (PRICE-VA 6/18)
 9750.6 KOREA_REP RK 1351 on/y1 tlk, mx, y1 w/sked, on w/nx, catry; g.
 //15575 1433 on tlk abt theatre, interview, mx, etc; 443. (ERVINE)
 //15575 @1355 y1 tlk/lang, ID/EG, IS, ID, time, freq, nx, catry,
 variety of topics discussed, closing cats @1459, mx; 444 (ERVINE)
 9755 VATICAN VR 0400 IS, rel px; g. (RYDZEWSKI-CA 6/15)
 9760 ENGLAND VOA-Woofferton 2100-2108 EG nx, ID; (TUSCHSCHERER-WI 6/29)
 9770 USSR RM 0000 EG wld nx on "Outlook"; 55445. (BAUERNHUBER-NY 6/15)
 9775 CHINA_PR CPBS 1150 Uighur, political tlk; g. (WOOD-HI 7/5)
 9850 NEW ZEALAND RNZ 1135 EG mx of '40s, @1200 ID, nx; (KLING-TX 6/22
 / 1100 nx, mx; 33333. (BAUERNHUBER-NY 6/29)
 9875 SPAIN RNE 0555 SP sports, ID; g. (WOOD-HI 7/6)
 9885 SWITZERLAND SRI 0211 EG Dateline; ex. (PRICE-VA 6/8)
 9910 INDIA AIR 0005-0031 EG lcl mx, nx by y1; f. (TUSCHSCHERER-WI 6/20)
 9915 UNITD BBC 0200 EG wld nx, People & Politics; ex. (PRICE-VA 6/17)
 9975 KOREA_PDR RP 1130 EG tribute to Kim II Sung by y1; (KLING-TX)
 11580 USA VOA 0115 EG rpt w/Tom Crosby; g. (PRICE-VA 6/8)
 11685 FR GUINEA R. Beijing 0411 EG y1 w/px on CH mx & instr; (PRICE)
 11690 USSR R. Stantsiya Atlantika 1830 RS 1930's style tangos, wished
 sailor listens 'good sailing'; px produced in Miansk; //11675;
 both g. (WOOD-HI 6/23)

FOR SALE: WRTH '87, \$8.50. Gilfer Confidential Frequency List and Guide to RTTY Frequencies #6, \$5.00. Customized Beam Headings (from/to) and Distances (MI/KM) to over 435 WRTH-89 transmitter sites. Useful in selecting alternate transmissions and choosing listening times based on distances. ITU Country Codes included. Send your location/coordinates, \$6.25. All items include shipping. Cashiers check or money order, please. Al Drehmann, Route 2, Box 3-B, Tryon, NC 28782. (704) 894-3398.



LOG REPORT

section D

11700 and above

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

- 11710 ARGENTINA RAE in EG 0500*, ID, sked, req rpts, g (Wood HI 7/6)
11725 SOUTH KOREA RK in SP 0930, ID, sked, nx, f (Park HI 6/7)
11735 YUGOSLAVIA RY in EG 0000, nx, cmtry on various subjects, g (Price VA 6/8)
11745 BRAZIL Radiobras in EG 0201*, nx, Brzazilian pop mx (Frodge MI 6/4)
11750 NORWAY RNI in NO/EG *0355, IS, ID, into nx in NO, g (Wood HI 6/26)
11760 SEYCHELLES FEBE in EG 1509, world nx, gospel singing, p (Park HI 7/6)
11760nf NO. KOREA R. Pyonyang in RS *1600, IS, ID, nx, ex-11740, QRM (Wood HI 7/3)
11770 SOUTH AFRICA R. Suid-Afrika in AK 0555, ad for cleanser, g (Wood HI 7/6)
11775 ANTIGUA BBC relay in EG 1132, "The Ken Bruce Show", nx (Kohlbrener PA 6/26)
in EG 1300, world nx, "24 Hours", financial summary, f (Price VA 6/20)
11785 EAST GERMANY R. Berlin in EG 0332, DX pgm (Frodge MI 6/20)
11800 PORTUGAL RDP in PT 0500*, choral anthem, this sked not in WRTH, f (Wood HI 7/6)
11800 AUSTRALIA RA in EG/JP 1223, propagation rpt, ID, into JP 1230 (Sheedy CA 6/25)
11800 ITALY RTVI in SP 0304, world & local nx, ID, f (Rydzewski CA 6/13)
11819 MOZAMBIQUE RM in PT 1615, mx requests for listeners, g (Wood HI 7/3)
11840nf CANADA R. Beijing relay in EG 0402, cmtry on China's turmoil (Frodge MI 6/20)
11867nf COSTA RICA R. Mundial Adventista "La Voz del Esperanza" in SP? 0324, hymns, nx,
ID, g (Rydzewski CA 6/13) in SP 0000 w/pop relig vocals (Sheedy CA 6/22) Note:
Sheedy reports freq as 11870. Could be that station varies freq?
11870nf AUSTRIA RAI in EG 1140, listeners' letters pgm (Kohlbrener PA 7/3)
11880 ZAMBIA ZBS in EG 0500, nx, cmtry, Sunday only xmsn, rarely rptd (Wood HI 7/9)
11890 EAST GERMANY RBI in EG 0100, nx, mx, "Panorama", f (Price VA 6/17)
11985nf UNITED ARAB EMIRATES Abu Dhabi in EG 2200, relig pgm (Tuchscherer WI 6/12)
11985 BELGIUM BRT in DT 0500, ID, nx, g (Wood HI 7/6)
12025 NO. MARIANAS KFBS Saipan in CH/EG 0939, relig pgm, ID (Kohlbrener PA 6/25)
12035 SWITZERLAND SRI in EG 0407, "Grapevine", greetings frm Cook IS. (Park HI 7/3)
12085 SYRIA R. Damascus in AR 1615, AR grammar lesson, ID (Dillon GRECE 6/16)
12230 CLANDESTINE V. of Unity in Pashto 1605, IS, ID, overmod., off 1612 (Park 7/5)
13605nf UNITED ARAB EMIRATES Abu Dhabi in EG 2244, phone-in discussion, rock mx, ID,
"Press Review", g (Hardester VA 6/20) in EG 2323 w/drama, f (Frodge MI)
13651nf USA AFRTS in EG 2200, nx from NBC & CBS, baseball game (Kohlbrener PA 6/25,
Jordan PA 6/12) Note: Jordan rpts that this new freq is lower side band.
13720nf GUAM KSDA Adv. World R. in KR? 1338, relig tlks, hymns, ID, sked in EG,
(Tuchscherer WI 6/28) in lang? 1455, vocals, part. ID in EG (Hardester VA 6/24)
13725nf? CZECHOSLOVAKIA R. Prague in EG 0349, feature on trade unions (Frodge MI 6/20)
15010v VIETNAM Vov in EG 1800, NA, ID, TC, freqs of EG xmsns, nx (Kohlbrener PA 6/15)
in EG *2030, nx, vocals, into FR 2100, f (D'Angelo PA 6/3)
15095 SYRIA R. Damascus in EG 2030, nx, Mideast mx, pgm on Judaism (Howell CA 6/29)
15105nf YUGOSLAVIA RY in EG 2100, nx, ID, history feature, econ review (Price VA 6/27)
in EG 2115 w/pgm on vacations on Slavic coast, sig over DW Antigua (Howell CA)
15110nf SPAIN RNE in SP 0455*, ID at s/off (Wood HI 7/9) in EG 0100 w/nx & "Panorama"
(Bauernhuber NY 6/28) in EG 0000 w/nx, mx, cmtry, interview, f (Price VA 6/7)
15165 NORWAY RNI in NO/EG *0455, IS, ID in NO/EG, nx, //15310 (Wood HI 7/9)
15170 SOCIETY IS. RPO Tahiti in FR 0440, pop island mx (Howell CA 6/29) in FR 0825
w/beautiful island mx, //11825, g (Tevison PA 6/10)
15225nf UNITED KINGDOM R. Canada relay in EG 0515, nx w/Andrew Curry (Price VA 6/28)
15240 PHILIPPINE IS. R. Veritas Asia in IN 1200, ID, list freqs, g (Wood HI 7/5)
15270nf JAPAN R. Canada relay in EG 1257, IS, freq list, world nx, f (Park HI 6/12)
15290 BULGARIA R. Sofia in GK *0400, ID, nx, QRM R. Liberty in RS (Wood HI 7/9)
15310 NORWAY RNI in NO/EG *0355, ID, into nx in NO, g (Wood HI 7/9) in NO/EG 0132,
w/ID, mx, g (Rydzewski CA 6/13)
15360 SINGAPORE BBC relay in EG 1039-1130*, "Vintage Chart Show" (Kohlbrener PA)
15370 WEST GERMANY R. Free Afghanistan relay in Pasho/Dari *0230, s/on w/ID & ancmts,
nx, brief mx segments, more nx & ID, into Dari 0300, //17895 (D'Angelo PA 6/16)
15380 ROMANIA R. Bucharest in EG *0400, ID, xmsn to N. America, g (Wood HI 7/9)
15385 BULGARIA R. Sofia in AR 1600, IS, ID, nx, sked, g (Wood HI 6/23)
15400 FINLAND RF in EG *1300, ID, tlk on Summer festival in Finland (Kohlbrener PA)
15410 PHILIPPINE IS. VOA relay in CH 1155, IS, ID, nx blocs, tlks, p (Jordan PA 6/11)
15425 PHILIPPINE IS. VOA relay in EG 1230, "VOA Magazine", f (Price VA 6/20)
15425 AUSTRALIA ABC Perth 0837, pop mx, sports, stock rpt, nx (Kohlbrener PA 6/26)

15534nf PAKISTAN RP in UR 1600, film mx, bad modulation, good sig (Wood HI 6/23)
 15570 MADAGASCAR R. Netherlands relay in EG 1700, "Media Net", p (Park HI 6/29)
 15575 SOUTH KOREA RK in EG 0245, freqs, nx, weak sig (Price VA 6/23)
 15614 ISRAEL Kol Israel in YD 1610, nx, strongly resembles GM, g (Wood HI 7/3)
 15640 ISRAEL Kol Israel in EG 2305, "Israel News Magazine", g (Frodge MI 5/29)
 15650 ISRAEL Kol Israel in HB *1727, ID, nx, //15614, p (Park HI 7/4)
 15685 CLANDESTINE V. of Unity in Pashto 1604, overmod tlks, ments of "jihad" and "Mujahadin", Afghan mx 1609, off 1611, //12230, 17540, anti-Kabul stn (Park HI)
 17540 CLANDESTINE V. of Unity in AR 0218, chants, off w/ tone 0224 (Frodge MI 6/4)
 17550nf GRECE V. of Greece in EG 1518, mx variety, ID, nx (Tuchscherer WI 6/28)
 17610 TUNISIA R. Tunis in AR 0555, AR mx, nx, cultural pgm, ID, TC (Dillon GRECEE)
 17630nf GABON Africa #1 in FR 1540, FR pops, ID, off 1555 recheck (Sheedy CA 6/7)
 17695 UNITED KINGDOM BBC London in EG 1830, "Newsdesk", pop mx (Kling TX 7/4)
 17710nf SYRIA R. Damascus in EG 2005, TC, nx, local mx, tlks, f (Hardester VA 6/23)
 17715nf CHINA R. Beijing in CH 0215, nx, not jammed like other //r's (Frodge MI 6/4)
 17725 PORTUGAL R. Liberty in RS 0600, ID, world nx, organ mx, rpt (Dillon GRECEE)
 17735 OMAN R. Oman in AR 1600, chimes, march, ID, nx, f w/R. Liberty QRM (Wood HI 7/9)
 17740nf YUGOSLAVIA RY in EG 1210, nx, "Sports Roundup", f (Kohlbrenner PA 7/3)
 17740 CYPRUS BBC relay in EG 0616, "Newsdesk", jazz requests (Dillon GRECEE 6/11)
 17742nf COLOMBIA R. Nacional in SP 1550, tlk on education in Colombia, gongs (Sheedy CA)
 17745 ALGERIA(t) RTA in FR 1745, muffled ID under strong RSA, pips, p (Robertson CA)
 17754nf AFGHAN CLANDESTINE(t) in Pushto/Dari(p) 0210, hrd polemics, slow exotic reed instrumental, mournful prayer chants, tlks, ME vocals, p (Jordan PA 6/19)
 17765nf NO. KOREA R. Pyongyang in KR *0500, ID, nx, f w/QRM R. Japan (Wood HI 6/8)
 17770nf WEST GERMANY D. Welle in EG 0237, "Insight", g (Price VA 6/28) site presumed.
 17800nf SWEDEN RS in EG 0113, celebration w/mx by Swedish composers (Tuchscherer WI)
 17810 ANTIGUA D. Welle relay in multi-lang 1958, IS, ID's, nx in GM (Tuchscherer WI)
 17815 SPAIN RNE-RE in SP 1540, futbol game, g (Wood HI 6/18)
 17880 SWEDEN RS in EG 1550, "Swedish Accent feature", f (Frodge MI 6/8)
 17910nf SYRIA R. Damascus in FR/EG 1959, AR mx, nx in FR, into EG 2007 (Tuchscherer WI)
 21450nf CZECHOSLOVAKIA R. Prague in EG 1536, nx, ID (Tuchscherer WI 6/22)
 21460 BELGIUM RTBF in FR *1555, drums IS, ID *Ici Bruxelles", nx, g (Wood HI 7/9)
 21460nf SPAIN RNE in SP 2005, SP mx & noticias, ID 2100, exc (Tuchscherer WI 6/25)
 21480nf PAKISTAN RP in EG 1604, nx, g (Wood HI 6/23)
 21490 AUSTRIA RAI in EG 1430, nx, several ID's, Beethoven mx, econ tlk (Tuchscherer)
 21555nf YUGOSLAVIA RY in EG *0700, IS, ID, nx, Saturdays to Europe, g (Wood HI 6/24)
 21650nf UNITED ARAB EMIRATES R. Dubai? in EG 1345, tlk on relig thoughts, g (Levison PA)
 21657nf VATICAN STATE VR in Amharic *1515, IS, into EG 1530 to Africa (Wood HI 6/15)
 21675nf CANADA RCI in FR 1851, mx, freqs & skeds, IS, ID, f (Rydzewski CA 6/17)
 21690nf GABON R. Japan relay in RS 0524, JP lessons, //21500, p (Park HI 6/27)
 21695 SWITZERLAND SRI in EG 1330, nx items, f (Levison PA 6/22)
 21710 UNITED KINGDOM BBC London in EG *0650, IS bow bells, world nx, g (Wood HI 7/4)
 21740nf PAKISTAN RP in EG *1600, ID, nx, appeal to pay taxes, g (Wood HI 7/9)
 21770nf FRANCE RFI in FR 1435, pop mx, M & W annrs, ID 1459 (Tuchscherer WI)
 21815 BELGIUM BRT in DT 0655, sports, pop mx, g (Wood HI 7/4)
 25740nf WEST GERMANY D. Welle in GM 1140, science tlk, //21640, g (Wood HI 7/5)
 25780nf USSR R. Moscow in lang 1158, tlks, song "Midnight in Moscow", p (Jordan PA 6/27)
 25945nf COSTA RICA R. for Peace Intl in EG 2146, pgm on evolution, nx (Frodge MI)
 26040nf USA VOA Greenville in EG 1635-1700*, "Top 40" mx format, nx, ID, IS (Jordan PA)
 "Music and More" from 1513-1553 (Tuchscherer WI 6/16)

 Due to complaints, forget what I said last month about limiting loggings to 10 per contributor. However, I hope members will send in only their most worthwhile loggings rather than a sheaf of bandscan material. As in the past, loggings reported in last month's FRENEX will not be repeated in the current issue. Unless there are new frequencies or other significant info, it is not feasible to publish such loggings as R. Moscow or USA stateside stations. The most valuable contributions to these columns are frequency changes, new stations, and hard-to-catch loggings. Finally, I am still receiving some loggings on one sheet of paper. Those few who continue to do this can help speed things up if they will cut their loggings into individual slips.

Thomas R. Sundstrom		Telex:	6502446376MCI UW
PO Box 2275		MCI Mail:	244-6376
Vincentown		Prodigy:	DRVB19A
NJ 08088-2275		CompuServe:	(send via MCI Mail)
Voice: 609-859-2447		Packet Radio:	W2XQ @ WB2MNF
Fax: 609-859-3226		Pinelands RBBS:	609-859-1910

Congratulations to Anki and George Wood on the birth of Daniel MacClaren Wood, born July 5. Mother and child are doing fine.

Noted a few days after returning from ANARCON, KUSW seems to have fallen silent or its schedule has changed. In the limited time I have listened, I cannot find it. I asked George Jacobs about this but at press deadline I haven't received an answer. Whatever the reason, Radio Korea can now be heard once again at 2330 on 15575 kHz to NA. And I wonder if Radio New Zealand is using their new high powered transmitters? RNZ after 0330 UT on 17705 kHz can be heard on the Sony ICF-2010 with its whip antenna.

Thanks to Kris Fields for schedules from Jordan, Poland, France and AWK-Asia; to Nick Terrence for Bulgaria. And a special "hello" and "thanks" to Gordon Darling, Spectrum Management Dept., Post & Telecommunication Communication, Papua New Guinea. Gordon sent a package of schedules that will take me a couple of days to go through.

The SW echo is having difficulties once again. The Neverboard, Pittsburgh, had been acting as the hub to distribute messages. The board crashed for a second time just before the ANARC convention and this time, unlike the Phoenix, it will not arise from the ashes. The sysop has decided to cease operations rather than replace the crashed hard disks. Kirk Baxter has made other arrangements were made to get the echo moving once again. If the echo mail seems slow or erratic,, you may want to call the ANARC BBS (913-345-1978) and Pinelands RBBS directly to post your loggings, send info to Jonathan Marks and Andy Sennitt, and get the latest in SW news. Loggings posted on my system are also used on the ANARC SWL Net (10 a.m. Eastern, 7240 kHz). (Loggings for the ANARC net may also be submitted via the fax machine.)

The Source has ceased operations and its assets were sold to CompuServe. In the meanwhile I have picked up an account on Prodigy, the new service of IBM and Sears. The ID is DRVB19A.

ANARC will, I'm sure, have its own press release on the July convention with more information but these are some notes I assembled as the convention proceeded. This set of notes was posted on the SW echo July 16th. My thanks again go to Andy Sennitt and Jonathan Marks for one of the WRTH's 1988 Industry Awards.

"ANARC will, I'm sure, have its own press release on the July convention with more information but these are some notes I assembled over these past few days.

"It was fun! Jeff White and George Neff and friends pulled off a very pleasant three days in a warm and sometimes muggy Florida, and they are to be congratulated. If you didn't attend you missed a very good time had by all.

"The convention was held July 14-16 at the Dolphin Beach Resort Hotel in Saint Petersburg Beach.

"This year there were more broadcast representatives than in any previous ANARC convention. These included, but were not limited to (in no particular order):

VOA: Kim Andrew Elliot
HCJB: Brent Allred and Mr. and Mrs. Kent McHarg.
R RSA: Fanus Venter.
R Korea: Ms. Han, Hee-Joo.
TWR Bonaire: Chuck Roswell and Dan Harvey.
Red Cross: Ms. Monica Piliewicz.
Deutsche Welle: Deiter Wernig.
R Nederland: Tom Meyer, Alphonso Montealegra, and Jonathan Marks.
R Japan: Kaz Matsuda.
BBC: Ms. Melissa Baker.
C-SPAN: Ms. Beth Glatt.
R Impacto, Costa Rica: Raoul Saavedra and Mrs. Mayin Correa.
R France Int'l: Daniel Bouchent.
R Canada Int'l: Ian Mc Farland.
R Marti: Ernesto Betancourt.
R for Peace Int'l: Blake Wright.

"Other attendees included Andy Sennitt and Bart Kuperus of the World Radio TV Handbook, Director General Michael Murray of the EDXC, Orlando Navarro (Press Office, Office of the President of Venezuela), Bob Horvitz, Glenn Hauser.

"Listeners in attendance included quite a number from Europe (England, Sweden, Holland, perhaps more) and Central America, but the award for the furthest distance travelled must go to three attendees from Japan.

"Highlights included a very enjoyable seafood dinner Thursday evening with Sennitt, Kuperus, Mc Farland, Matsuda, Meyer, Montealegra, Piliewicz and Wernig; long and interesting discussions on programming and signal qualities with Han, Bouchent, and Venter. Ms. Han, a very charming lady, and I had a interesting discussion on about the use of relays to solve the problem of an evening ENA service (KUSW on 15580 wrecks havoc on R Korea on 15575 at 2330). The proposed Cape Verde relay site came in discussions with Fanus and Daniel; the timeline may be as long as two years into the future. The object of the exercise in all cases is to get a relay site within one or two hops of the primary target to improve signal quality. On Thursday, in the broadcasters' meeting, one of the findings in audience research seemed to suggest that the delivered signal quality is ranked first in a list of decision criteria of what stations to listen to. The economics of establishing relay sites and selecting frequencies is a difficult matter in these times of limited broadcast budgetary resources.

"The WRTH hosted a poolside reception Friday evening. Among the welcoming announcements was a birthday cake for Glenn Hauser. The 500th edition of World of Radio aired during the weekend of ANARCON '89, and Glenn received a deserved round of applause from everyone in attendance. Congratulations, Glenn.

"In the display room at the various broadcaster tables, typical questions from the broadcasting representatives included "How do we identify our audience?" "Who are our audience?" "What are the best times for you to listen?" "What do you think of our programs?" "What suggestions do you have for our programming?" As you write letters and send reception reports to broadcasters, these are questions that you might additionally comment upon.

"In addition to the broadcaster displays, Universal SW was in attendance with one of everything, and no less than three variations of computer control of receivers were evident.

"The Saturday presentations were all excellent and well attended. From what I could see, NASA's Alan Parrish may have attracted the most attention of all with an interesting look at two-way radio's role in launch support at the Kennedy Space Center.

"The Saturday night festivities started around 6 and ran to almost Midnight. Following the pool-side banquet, the group moved back to the air-conditioned meeting room for the awards presentations, keynote address and ANARC raffle.

"Among the several ANARC awards, the Broadcaster of the Year was declared a three way tie between Fred Vobbe of NRC's DX Audio Service, Jonathan Marks of Radio Nederland and Glenn Hauser of World of Radio. Other awards included Specialty Band DXer to Greg Monti of the Worldwide TV FM DX Association; International SWBC DXer of the Year to Arthur Ward, the publisher of Contact bulletin of the World DX Club, NA SWBC DXer of the Year to Mitch Sams; and Article of the Year to Ray Cole of NRC for a summary report on earthquake prediction and medium wave carrier frequency deviation. Andy Sennitt and Jonathan Marks presented The First Annual World Radio TV Handbook Industry Awards to Sony Corporation, Jim Frimmel, and me.

"The keynote speech by the Director of Radio Marti, Ernesto Betancourt, included some interesting insights to the Radio Marti operations these past years.

"The ever-popular ANARC raffle followed, handled by the dynamic duo of Mc Farland and Horvitz. NASWA's Bill Cole won the top ANARC raffle prize, a Grundig Satellite 500.

"The Sunday morning festivities included an interesting presentation on Border Radio, discussing the high powered Mexicans. Bill Crawford's book of the same name includes a small diskette with some absolutely marvelous material from the days of XEG and XERF (remember Wolfman Jack on the latter?). The ANARC Forum and the WRTH Quiz focusing on LA concluded the weekend's activities. Tom McElvy has expressed an interest in hosting the 1990 ANARC convention in Virginia Beach, in conjunction in September's Tidewater Radio Amateur ARRL Division Level Hamfest.

"Some other notes in no particular order:

"Throughout the weekend several broadcasters (I saw ones being done by Ms. Han, Matsuda, Ms. Baker, and Marks.) were conducting interviews and no doubt you will be hearing these in the coming weeks.

"I think all the broadcasters really enjoyed meeting their listeners and thought the trip was worthwhile.

"The convention's surroundings were distracting to many attendees. A wide white sandy beach with sun and surf beckoned, and others congregated around the pool and its adjacent bar.

"After the scheduled activities ended each evening, quite a number of broadcasters and listeners could be found around the pool bar area or walking on the beach until 2 or 3 in the morning. The ocean water temperature was extremely comfortable.

"There were some downsides to the convention concerning attendance and the quality of facilities.

"While an official count was not immediately available, unfortunately I and others sensed there were not as many attendees as we expected. It seemed as if not all the pre-registrants showed, and a very rough estimate was something over 100 or 125 persons. Throughout the convention there were several conversations about what to do about the declining attendance, such as experienced at ANARCON last year, International Radio Days, EDXC, and this gathering.

"The hotel unfortunately had air conditioning problems. A number of us had to change rooms or have air conditioners fixed; on the evening of arrival, at 1 in the morning I finally gave up living in a sauna and changed rooms. I found the next day that I was not alone in doing so. The Floridians did not find this surprising, but some of us found the heat and humidity oppressive. Fortunately the weather improved into the weekend and the humidity levels declined a bit.

"This was the first time I attended an ANARC convention. Would I go again? You bet."

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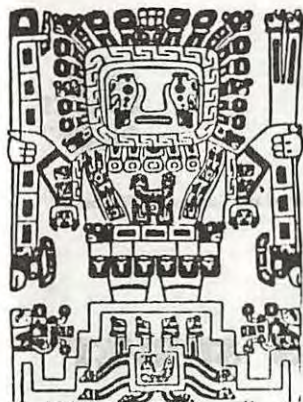
PC Software for PC/XT/AT/PS2 and compatibles: English Language SWBC Schedules, with a new feature of loading frequencies into the memories of the JRC NRD-525 and the Kenwood R-5000 from the computer. ASCII text file subscriptions for those without a PC compatible. Receiver computer control programs for the NRD-525 and R-5000. Utility Logbook for logging utility stations. For more information send a business-sized SASE to TRS Consultants (address above) or download information from the Pinelands RBBS.

Changes entered between 05/23/89 and 07/27/89.

ENGLISH LANGUAGE SW BROADCAST SCHEDULES: By Start Time
Compiled by Thomas R. Sundstroom, W2IQ

Start Time (UTC)	End 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
0035	0300	Ecuador	HCJB	15155	11775	9745						WA		07/17/89
0100	0200	Japan	R Japan	17845	17835	17825	17810	5960				60S/Asia/WA	#4 v Canada	07/18/89
0130	0200	Philippines	R Veritas Asia	15500	15220							As		07/02/89
0250	0300	USSR	R Yerevan	17655	15180							WNA	news in English	07/27/89
0300	0500	Ecuador	HCJB	15155	11775							WA		07/17/89
0300	0700	USSR	R Moscow	15455	15425	15240	15160	12050	12030			WNA	add'l freqs in use	07/27/89
0315	0345	France	R France Int'l	15300	15135	11995	11700	11670	9790	9745	9530	Am/AFR/Ind/As/Eu	news/features in Eng	07/17/89
0430	0530	England	BBC	9915	9510	5975						WS: NA/CA/Carib	#213 v Antigua	07/09/89
0500	0600	Spain	Spanish Nat'l R	9630								NA		07/09/89
0530	0545	England	BBC	9510	5975							WS: NA/CA/Carib	#142 v Antigua	07/09/89
0630	0700	Bulgaria	R Sofia	17825	15160	11765						W Eu		07/21/89
0710	0800	Ecuador	HCJB	11925	9745	6130						S Pac		07/17/89
0800	1130	Ecuador	HCJB	11925	6130							S Pac		07/17/89
1000	1100	India	AIR	17740	17387	15335	15155	15050	11860			WS: NA/CA/Carib		07/08/89
1100	1345	England	BBC	11775	9515	6195						WS: NA/CA/Carib	#143 Ant. # 2 Sack	07/09/89
1200	1600	Ecuador	HCJB	17890	15115	11740						Americas	#3 -1500	07/17/89
1200	1225	USSR	R Tashkent	15460	11785	9715	9680	7325				As		07/02/89
1245	1310	France	R France Int'l	21645	17720	15365	15195	15155	11700	11670	9805	Am/AFR/Ind/As/Eu	news/English	07/17/89
1330	1500	India	AIR	15335	11850	11810	11760	9565	9525			60S/SE As	# 1, 4, 5 aay/te tests	07/27/89
1330	1555	USSR	R Tashkent	15460	11785	9715	9680	7325				As		07/02/89
1400	1425	France	R France Int'l	21770								As	news/English	07/17/89
1400	1430	Norway	R Norway	21710								S As/Aus	Eng Sun only	07/27/89
1430	1530	Bulgaria	R Sofia	17825	15310	11735						Afr		07/21/89
1500	1550	North Korea	R Pyongyang	11760	9325							Eu		06/23/89
1500	1530	Philippines	R Veritas Asia	15445	11740							As		07/19/89
1500	1600	USA	WHR1	21840	15105							Eu/CA/SA		07/04/89
1600	1700	USA	WHR1	21840	11790							Eu/CA/SA		07/04/89
1700	1750	North Korea	R Pyongyang	11760	9325							Eu		06/23/89
1730	1830	Bulgaria	R Sofia	17825	15310	11735						Afr		07/21/89
1800	2330	Costa Rica	R For Peace Int'l	25945	21565								SA-Su	07/17/89
1830	1900	Bulgaria	R Sofia	15110	11720	11660						W Eu		07/21/89

Shortwave DI Program	Show Name Start Time Country	Station	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Target Area	Notes re DI Show	Record Last Updated
1900 1930 Israel	Kol Israel											06/25/89
1930 2025 Iran	R Tehran											07/04/89
2030 2100 Bulgaria	R Sofia											07/21/89
2130 2220 Bulgaria	R Sofia											07/21/89
2130 2200 Ecuador	HCJB											07/17/89
2300 0000 Bulgaria	R Sofia											07/21/89
17630 17587 15640 13750 11605												
9022 6030												
15298 15110 11720 11660												
15110 11660												
17790 15270												
15110 11660												
<p>ENGLISH LANGUAGE DI SHOWS: By Day of Week Compiled by Thomas R. Sundstrom, W2IQ</p>												
<p>** DAY OF THE WEEK: Sunday</p>												
World of Radio	2230 1800 Costa Rica	R for Peace Int'l	25945	21565								07/19/89
<p>** DAY OF THE WEEK: Monday</p>												
DI Party Line	0800 0800 Ecuador	HCJB	11925	6130						S Pac		07/17/89
DI Party Line	1030 0800 Ecuador	HCJB	11925	6130						S Pac		07/17/89
World of Radio	1700 1500 Costa Rica	R for Peace Int'l	25945	2375								07/19/89
<p>** DAY OF THE WEEK: Tuesday</p>												
Sweden Calling Divers	1710 1700 Sweden	R Sweden	9615	6065						Eu/AF		07/04/89
<p>** DAY OF THE WEEK: Wednesday</p>												
Ham Radio Today	0800 0800 Ecuador	HCJB	11925	6130						S Pac		07/17/89
Ham Radio Today	1030 0800 Ecuador	HCJB	11925	6130						S Pac		07/17/89
<p>** DAY OF THE WEEK: Friday</p>												
R Sofia Calling	2315 2300 Bulgaria	R Sofia	15110	11660						NA		07/21/89
<p>** DAY OF THE WEEK: Saturday</p>												
DI Party Line	0800 0800 Ecuador	HCJB	11925	6130						S Pac		07/17/89
DI Party Line	1030 0800 Ecuador	HCJB	11925	6130						S Pac		07/17/89
World of Radio	1930 1800 Costa Rica	R for Peace Int'l	25945	21565								07/19/89



LATIN AMERICAN RADIO WORLD

Casilla 4616

1000 - Buenos Aires

* ARGENTINA *

Buenos Aires, July 1989.-

Dear OMs,

we are writing to you so as to let you know about a new DX-publication, named 'Latin American Radio World'.

It has been produced by Julian Anderson and Gabriel Iván Barrera, and intends to be a guide for those interested in Latin American DXing.

It has been prepared with the most updated info. (July 1989), and it is written in a handy-style, condensing the practicality and utility of several DX-publications of this type.

Reviewing lots of DX-bulletins, we've included frequency listings, in the first part you will find station names, transmitting places, broadcasting times, broadcasting powers, usual slogans and additional remarks; in the second part, we've included station addresses, chairmen's names, and, when known, v/s names, and special remarks such as if the station has verified in the last 2 year-period, if it sends pennants, souvenirs, etc, etc.

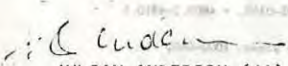
We've tried to include in one single publication all the info you usually have to look for in several different sources..

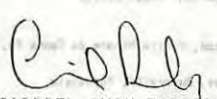
It has been prepared in a large size (21 x 32 cm); all is explained in English, and will be updated bi-monthly with newsletters.

Price is 5 US\$ or 10 IRCs, this includes Airmail worldwide; newsletters are not included in this price.

We would like you to please mention this work in your publication/ programme if possible, as a way to help DXers in obtaining a (we think) useful source of LAM information.

Thanking you in advance for your co-operation,
we remain, yours sincerely,


JULIAN ANDERSON (JA)


GABRIEL IVAN BARRERA (GIB)

DSWCI



THE DANISH SHORTWAVE CLUBS INTERNATIONAL
Tavlesgør 31, DK-2670 Greve, Denmark

Member of the European DX Council

DSWCI TROPICAL BANDS SURVEY

The 17th edition of the wellknown DSWCI Tropical Bands Survey is now available.

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The survey is doubled spaced for updating ease.

It is compiled by DSWCI member Bernhard Gründl.

The TBS is available for 7 IRC's or 30,00 Danish Crowns - or 9 IRC's or 35,00 Danish Crowns by airmail. Reduced rates for bulk orders to DX-Clubs: 15% for orders of more than 20 copies.

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C/CS 4810	100	Vladivostok, Primor'ye Krai, USSR	r FS in Japanese: 0930-1100, also r in C 1200, seems winter only. cf. 4825 kHz
D 4810	-	Yakutsk, Yakut ASSR, USSR	WS in E: 1300-1400
B/B 4810	-	SABC Meyerton, South Africa	R Orion: r 2220-0100, NS in Afrikaans: r 0320, // 3320, reportedly replaces 3955 kHz
C/C 4810v	1	R Libertad, Centro Minero de Santa Fe, Bolivia	1005-0240, v 4809.5-4810.5
- 4810	2	R Popular, Maracaibo, Venezuela	future plans: 1000-0400
B/C 4810.1	3	R San Martín, Tarapoto, Peru	0945/1015-0400(weekends 0700)
C/C 4810.3	3	La Yoa de Galápagos, Isla San Cristóbal, Ecuador	1200v-1430v 2300-0200v



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June 27 1989

Dear Sir/Madam

I am writing to you on behalf of the Association of Manitoba Dx'ers, AMANDX. We are a local DX club of about 24 members. We have meetings on a monthly basis and try to help out each other in what ever way we can. We do not publish any newsletter and have no intention of doing so because there are many good publications out there at the present time.

However we would like to be able to contact more local Dx'ers. If you could be so kind as to either publish a small notice in your publication so that local Dx'ers that belong to your group would know of us it would be much appreciated. If you could it would also be very nice to receive a list of your members that live in Manitoba. That way we could contact them ourselves. Should your groups regulations not permit the giving out of members' names and addresses we will understand and not mind in the least.

I thank you for your time in this matter and hope to hear from you soon.

73 *Shawn*

Shawn Axelrod, President



AMANDX

Association of Manitoba DX'ers

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PRESS RELEASE

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