

FRIENDX

RADIO AUSTRALIA international shortwave radio

LISTENING GUIDE

Aboriginal Australia Today: culture, music, arts, heritage of Australia's Aborigines.

Anything Goes: a lively musical smorgasbord.

Arts Roundabout: reflecting significant achievements in the Arts in Australia, past and present.

Australia Makes Music: fine music from Australian composers and performers.

Australian Country Style: surveying the local country and western scene.

Book Readings: serialised readings from popular books.

Business Horizons: reviewing business and trade in Australia and neighbouring regions.

Comic & Curious: offbeat, odd and amusing stories.

Country Wide: news and information about agricultural and primary industries.

Eric Waite's People: Writer and broadcaster, Eric Waite, meets and chats with Australians from all walks of life. (starts 25.3.87)

Health Report: examining current research and issues occupying the Australian medical world.

***Home Front:** memories of Australian life during World War Two. (ends 2.4.87)

Innovations: reporting on Australian inventions and innovative practices and processes.

Interaction: the activities and experiences of multicultural Australia.

International Top Hits: the week's biggest sounds.

Jazz Australia: a showcase of Australian jazz.

Letters to the Editor: selections from the letters columns of Australian newspapers.

Matters of Faith: examining the doctrines and beliefs of the faiths of Asia, the Pacific and Australia.

Open to Question: investigating and discussing matters of social concern.

Smith's Weekly: a pot-pourri of news and views with Keith Smith.

Soundabout: young contemporary music from Australia and around the world.

Sports Magazine: the stories and personalities making the week's sporting headlines.

Taim Bilong Masta: memories and experiences of people who have lived in Papua New Guinea.

Talkback: DX and communications program.

The Week in Science: reviewing science and technology.

This Australia: documentaries about the land 'down under'.

You Asked For It: Denis Gibbons and Desley Blanch answers listeners' questions about Australia.

***Veterans of Vietnam:** the thoughts and feelings of Australians who served in Vietnam, and their lives today. (starts 5.4.87)

Window on Australia: looking in on people and places all over the nation.

What do you do for a Crust?: people and their jobs.

Word of Mouth: oral histories of people who have made significant contributions to Australia.

Keep in touch and informed at all hours with RA.

News: Australia, Asia, the Pacific - and the world at large - reported accurately and impartially.

International Report: analysing, backgrounding and interpreting regional and global issues and events.

FREQUENCIES

Radio Australia uses around 50 shortwave frequencies daily. Start your listening by trying one or more of the following.

Asia: 17750 and 17715 kHz (16 mb), 15415 and 15240 kHz (19 mb), 11800 kHz (25 mb), 7205 kHz (41 mb) and 6035 kHz (49 mb).

Pacific: 17795 kHz (16 mb), 15395, 15240 and 15160 kHz (19 mb), 9655 kHz (31 mb), 7215 kHz (41 mb) and 5995 kHz (49 mb).

Papua New Guinea/South-West Pacific: 15160 kHz (19 mb) and 6080 and 5995 kHz (49 mb).

Africa/Indian Ocean: 11945 kHz (25 mb).

United Kingdom/Europ: Suggested times and frequencies include 0700-1000 UTC on 9655 kHz (19 mb) and 1530-2040 kHz on 7205 kHz (41 mb) and 6035 kHz (49 mb).

North America: Suggested times and frequencies include 2200-0400 UTC on 17795 kHz (16 mb) and 0800-1500 UTC on 9580 kHz (31 mb).

A comprehensive schedule, outlining all frequencies and hours of broadcast for all Radio Australia services, is available from Australia's overseas missions or Radio Australia.

LANGUAGES

Radio Australia broadcasts daily in English, Indonesian, Standard Chinese, Cantonese, Tok Pisin, French, Thai, Japanese and Vietnamese. Write for program guides and frequency information.

MAILBOX

Write to Radio Australia, GPO Box 428G, Melbourne VIC 3001, AUSTRALIA. Telephone: +61 3 235 2222. Telex: RADAUS 30470 and 30551.

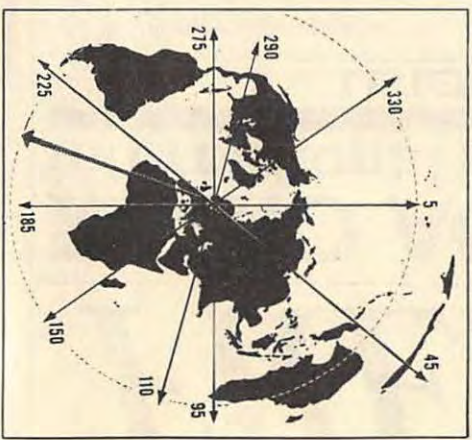
FREQUENCY SCHEDULE

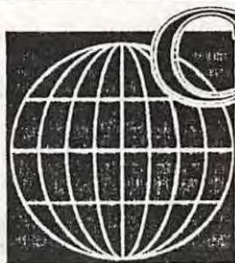
SEPT. 6TH - NOV. 1ST 1987
 Transmissions around the clock

| UTC | ANT. BEAM | TARGET AREAS | FREQ. KHz |
|-----|---|--|--|
| 06 | (K) 180° (F) 200° (N) 200° | Africa Europe, West Africa Africa | 15165 9590 11865 |
| 07 | (K) 120° (F) 220° (N) 220° | Middle East Europe, West Africa Europe, West Africa | 11865 15165 9590 |
| 10 | (K) 035° (K) 080° (F) 200° (S) 220° | Far East, New Zealand Australia West Africa Europe, West Africa | 15180 15180 21730/25730 15230 |
| 11 | (K) 045° (K) 085° (F) 180° (S) 225° | Far East, Australia, New Zealand Australia Europe West Africa, South America | 15180 17840 6040 17770 |
| 12 | (K) 035° (K) 080° (F) 160° (S) 285° | Far East, New Zealand South Asia, Australia Africa Eastern N. America, C. America | 15165 15165 21700/25730 15325 |
| 13 | (K) 160° (K) 170° (F) 150° (S) 300° | Europe Africa Europe North America | 6040 1775 9590 15310 |
| 14 | (K) 080° (K) 095° (F) 140° (S) 310° | South Asia South Asia, Australia Middle East, East Africa North America | 11860/ 9530 15245 15300 15310 |
| 15 | (F) 130° (K) 170° (S) 300° (K) * | Middle East Africa North America Europe | 11860 15170 17840 15310 1314 ¹⁾ |
| 16 | (K) 080° (K) 095° (F) 150° (K) 330° (K) * | South Asia South Asia Middle East, East Africa Western North America Europe | 7565 9730 11865 11860 1314 ²⁾ |
| 17 | (K) 150° (K) 180° (F) 280° (S) 330° | Europe, Middle East, East Africa Africa Eastern N. America, C. America Western North America | 9655 15230 15310 11850 |
| 18 | (K) 120° (F) 190° (S) 280° | Middle East Europe, Middle East, East Africa Europe, West Africa Eastern N. America, C. America | 9650 11865 15230 15310 |
| 19 | (K) 180° (F) 190° (S) 280° | Europe, Africa Europe Eastern N. America, C. America | 15225 9590 11850 |
| 20 | (K) 150° (K) 220° (S) 285° | Europe South America, New Zealand South America | 6015 15225 9655 |
| 21 | (K) 225° (S) 250° | South America South America | 9590 11930 |
| 22 | (K) 225° (S) 250° | South America South America | 9610 9585 |
| 23 | (K) 220° (S) 300° | South America North America | 9585 9610 |
| 24 | (K) 225° (S) 250° | South America South America | 9590 9610 |
| 01 | (K) 225° (S) 300° | South America North America | 9590 9615 |
| 02 | (K) 225° (S) 300° | South America North America | 9595 6040 |
| 03 | (K) 110° (S) 330° | Middle East Western North America | 7215 6035 |
| 04 | (K) 115° (K) 150° | Middle East Middle East, East Africa | 9600 9600 |
| 05 | (K) 120° (K) 170° | Middle East Africa | 11865 11865 |

¹⁾ Unit Sept. 25th (Daily except Saturdays and Sundays)
²⁾ From Sept. 28th (Daily except Saturdays and Sundays)

Transmitters:
 (F): Fredrikstad 350/120 kW - 10.58E/59.11N
 (K): Kviteseid 500 " - 05.27E/59.04N
 (S): Sveio 500 " - 05.19E/59.37N
 *): Omnidirectional antenna.





Contact



Editor:

Stephen G. Moye
178 Bartlett Ave.
Cranston, RI 02905
[401] 941-6497

August, 1987

A quiet CONTACT this month. The Mailman had surprisingly little difficulty delivering the *two* letters that did arrive. Still, it's all interesting material, and I hope you enjoy...

From *John Mosman* comes a letter that covers a couple of topics that have appeared in CONTACT recently:

There are two areas that I am writing about, so here goes:

1. I participated in the 1987 North American DX Championships last March put on by Numero Uno. I really enjoyed the contest and the certificate was very nice. The results were printed in July's FRENEX. I do wish to express one disappointment, the results should not have been limited to only the top three finishers. If all the participants could not be listed then the twenty people who received numbered certificates should have been. In addition, the total points should be listed by each person listed. I guess I am a competitive person and when entering a contest want to know where I placed and in what relation. However, my thanks to Numero Uno for a fine contest and look forward to the next one.

2. I was very interested in Vern Nicholson's letter (July) regarding time management. I find myself in the same type of situation. In addition, one reaches a point where random tuning will not produce new countries and stations. In my case, limited time makes the time I spend listening more important and therefore I want it to be more effective. Information organization is a key — the following is what I do to help in time management.

Using a Honeywell PC at work (wish I could have one at home!) I have created the following informational tools:

I. All Countries Needed

- A. Using the ODDX "Country/Availability List" I've determined all the countries not verified.
- B. Using TWIN (a Lotus 1-2-3 clone) create a data base listing country, station(s) and the reference logs in the list.
- C. Sort list in ascending order by time.

This now gives me a list that at most any time I find time to listen I have a defined target to look for. This removes the random tuning looking through the bands.

II. Prime Targets

- A. Select a small number of target countries to concentrate on, 5 to 15.
- B. Using word processing create a single page per country.
- C. List all transmission schedules from all sources (WRTH, RDI, FRENEX, etc.). These are listed in ascending time order showing frequencies, days of transmission and other notes needed. Each

- transmission has the source listed.
- D. List IDs, interval signal information and QSL information from club sources.
- E. Use Prime Log – yes or no (see Prime Logs).
- III. Prime Log
 - A. Another TWIN list, sorted in time order, listing all logs reported in FRENEX, etc.

All these are put in a three ring binder with tabs for easy reference. So, I can plan my listening around my PrimeTargets or, as I mentioned, at least have some targets no matter what time it is using the All Countries Needed list.

All the information is stored in the computer making updates very simple to do. I know that not everyone either has a computer, or has access to one, but I thought that I would share my system.

Computers certainly have changed the ways in which many of do things — including keep records of our listening. I am perfectly aware, however, that there are many people who do not have computers. Would anyone care to describe how they undertake non-computerized SWL/QSL record keeping?

From *Charles Boehnke* (Keaau, Hawaii) I received an interesting issue of *Radio World* (dated 15 July 1987) that discusses renovation at the VOA. *Radio World* appears to be a periodical (in tabloid format) aimed at broadcast professionals and covers general developments in technology and legislation. It appears to come out monthly and is free to qualified people in the broadcast profession. Information can be obtained from Radio World, P. O. Box 1214, Falls Church, Virginia 22041.

The substance of the article (written by David Hughes) centers around the proposed renovation of VOA's Washington studios. This is part of a larger renovation process that is expected to last into the 1990s. The interesting question seems to be: can the necessary renovations be accomplished for the bid amount of \$6.6 million? Many industry experts seem to think not. An estimated \$3.2 million will have to be spent on the audio equipment (some equipment now at VOA dates from the 1950s). The remainder must be spent on carpentry and wiring — in addition to the removal of cancer-causing PCBs and asbestos.

Essentially, the problem is that the audio equipment probably cannot be bought for around \$3 million. Two unfortunate side effects might well make themselves felt. First, in order to get low-cost goods, the contractor will have to go to non-broadcast equipment firms in order to get the necessary goods, and this will unnecessarily complicate the progress of the renovation. Second, cost over-runs will almost certainly occur. None of the firms that criticized the bid permitted themselves to be quoted directly. Those analysts, on the other hand, that seemed to feel that the equipment *could* be obtained for approximately \$3 million *were* quoted directly: none of these people, however, seemed to be aware of any criticism of the bid (why am I not surprised?).

This column was produced on Aldus PageMaker 2.0; the masthead was redrawn on Cricket Draw, while the word "Contact" was produced directly with a small PostScript program.

Some suggestions for your input...

- Newspaper and magazine clippings seem to have become a staple in CONTACT. That is fine with me — if you see something that you find interesting, please send it along.
- We'll be making another visit to the CONTACT Bookshelf in another month or two — your suggestions for inclusion, and your comments on books and listening aids that you have used would also be very welcome.
- To those lucky people who went to ANARCON — tell us all about it!
- Don't let the hot weather keep you away from your radio — listening in the early morning (when it's cool) is a really pleasant way to start the day. Submit some logs, and then tell us about what you heard.

Many best 73s

DX'ers Forum

August, 1987

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

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



A shorter column this month and a brief overview of the ANARC convention from which I just returned.

Here is an offer DX'ers might be interested in. Anyone contributing to DX'ers Forum will receive A FREE COPY of the ODDX Country / Availability List. This valuable DX'ing aid is a must to help organize your hobby DX activities. When submitting items for DX'ers Forum, please remember that they should be address the subjects of DX techniques and experiences. Please do not send items which would be better served by appearing in Contact, Log Report, Listeners Notebook or any of our other columns.

Have you gotten your copy of BLANDX yet? This truly funny spoof on FRENDX is available for \$2 from:

Don Moore
693 Fullerton Apt 103F
Glendale HTS, ILL 60139

In the months ahead, you will be hearing many different recounts of the 1987 ANARC convention so I won't go into a very detailed overview here. There are, however some highlights of the convention which are DX related which I found of interest.

I arrived on the night of the 16th, Thursday. After checking in and getting settled, I had a chance to meet some of the attendees that had arrived early during a reception hosted by the Ontario DX Association (ODXA). Several of the broadcasters we all know of were in attendance including: Johnathan Marks of Radio Nederland, Ian McFarland of RCI, and Ken MacHarg of HCJB. Also during the reception, I had a chance to visit with past NASHA Executive Editor, Dan Ferguson. For those of you who don't know Dan, he played a very large role in the early 1970's publishing and establishing FRENDX as the leading SWBC publication. Dan now works for the Voice of America in the frequency management division.

Friday had 8 seminars and exhibits scheduled of which I attended 6. The RTTY and Facsimile Seminar by Fred Osterman of Universal Shortwave was very interesting and informative. The forum I would have liked to have attended but was unable to was "50 Years of DX'ing" presented by Dr. Tom Williamson. The remaining forums were very well done but were of interest more to the SWL and monitor than the DX'er.

Saturday's agenda was packed with 11 exhibits and forums. Again, of the forums I attended, Aeronautical Radio by ODXA's Bob Evans, Antenna's by Tony Ward and the Equipment Forum proved to be the most interesting from the DX'ers perspective.

Saturday night's banquet with keynote speaker Bob Grove was the high point of the evening for all. Bob gave an extremely interesting and personable speech on the convention's theme, Communications Yesterday, Today &

Tomorrow. This was followed by drawing convention door prizes. The first prize was a Caribbean Cruise, the second, an Icom IC-R71A.

Sunday, the final day of the ANARC Convention was the high point of the ANARC convention for me. ODXA's Cedric Marshall and David Clark presented what I feel was the most understandable and technically correct explanation of radio propagation I have yet to see.

Sunday's last seminar, the WRTH quiz presented by Andy Sennitt, editor of WRTH and assisted by Johnathan Marks of Radio Neerland was really super. Two teams, one for the US and one from Canada were chosen from among the attendees. The members of the two teams were:

USA

Sheryl Paszkiewicz of NASWA / F.T
Stephen Lare of NASWA / Michigan Area DX'ers
Dr. Harold Cones of NASWA / Old Dominion Dxers Association

CANADA

David Clark of ODXA
Sheldon Harvey of CIDX
John Fisher of ODXA (winner of this years NU DX Contest)

The questions were TOUGH! They were grouped in two categories, identifying taped recordings of material and direct questions from Andy. The tape recordings included identifying languages, some obscure interval signals and the theme songs of major broadcasters played BACKWARDS. Andy additionally posed some equally tough questions on material of all sorts taken from the WRTH.

As you might surmise from the list of top notch DX'ers on both teams, the competition turned out to be as tough as the questions! However, the US team pulled an early 3 point lead which it held on to win the competition for the first time in 2 years. It is interesting to note that all members of the US team are NASWA members.

Many of the convention attendees that came up to me and introduced themselves also asked where the NASWA/FRENDX booth could be found. Unfortunately, I had to tell them that the largest club in North America was not officially represented at ANARC this year. Perhaps next year.....?

I very much enjoyed the convention and meeting the people behind the names seen and heard so often. The ODXA people should be commended for their massive efforts that were behind the overwhelming success of this years convention. After a visit of this sort with our neighbors to the north, it's easy to understand why the US and Canada share the largest unfortified border in the world.

Among the mail I received this month was a note from Mike Agner, inviting all within range of the W3DID repeater (Baltimore, MD 147.03 output) to join him and his SWL group Sundays at 8PM local. If you hold an amateur license or wish to just listen, please feel free to join in.

A letter from Richard D'Angelo provided some really constructive ideas for the column. Rich also provided some helpful hints for anyone seeking a QSL from North Korea:

A difficult country for me to verify has been North Korea. Quite a number of reports have been sent to Radio Pyongyang over the years without results. It seems that the problem is getting the mail out of this country. I found a DX'er in an other country to forward my

report and low and behold, I received my QSL in 109 days. Thanks to Gerry Dexter and Arthur Ward of WDXC for their advice and help. This also serves to reaffirm the importance of maintaining DX friendships in other lands.

Another troublesome country to verify was Uganda. Every QSL request came back with a Ugandan solicitation for money. (This social-economic problem is best left for others, ED) It would seem that my reports were not getting through to Radio Uganda. Gerry Dexter suggested that I send a registered letter/report. My subsequent letter turned out to be expensive, slightly over \$4.00. However, my efforts were rewarded with a QSL in "just" 88 days. In the end, the results justified the costs.

My sincere thanks to Rich for taking the time to write in and offer the NASWA DX community the benefit of his experiences.

From Bill Sharp in San Francisco, I recently received the remake of his 1983 Shortwave Center Indonesian article. Because of space limitations, I can't run it next month but for certain, DX'ers Forum will feature "DX'ing Indonesia" in the October issue of FRENEX. Many of you know Bill through his many contributions and support of FRENEX over the years and the section in Short Wave Listening with the Experts he wrote. For those of you who do not know him, Bill is regarded in many circles as North America's leading expert on DX'ing Indonesia. He has put a real effort into this latest article and I am sure you will enjoy it.



Easy Listening

Editor: Alex Batman, 4618 Alvin Dark, Apt. 4, Baton Rouge, LA 70820

SUNDAY

1730-1800: "Music Time in Africa" (VOA). This is really two shows, the one at 1730 playing traditional African music from Tanzania, Zimbabwe, Nigeria, etc. The second edition of the show on Sundays at 1930-2000 plays Ju-Ju and Hi-Life music and other forms of modern African pop music. Both editions of the show are hosted by Rita Rochelle. (15.410/17.870).

0230-0325: "The Happy Station" (Radio Nederlands). This is the longest running single program on shortwave, having been played in one form or another since the 1920s. In 1970 Tom Meyer took over the show and is still with it at the present writing. The program is a mix of chat, musical requests, and letters from listeners, all done in a very informal and folksy style. (6.165/9.590/6.020. Repeated at 0530 on 6.165/9.715).

MONDAY

0220-0225: "Pages of History" (Radio Bucharest). This is a brief summation of Romanian history through the ages though most shows seem to concentrate on Romanian history since its independence in 1877, and especially since the foundation of the socialist state in 1944. Some rare shows do, however, reach further back into the Romanian past. (9.510/6.950).

0330-0400: "John Peel" (BBC). I'm afraid this show makes me feel how old I'm getting. John Peel plays the latest rock releases from Britain and America, usually about seven songs per half-hour, but I'll be durned if I ever hear very many that I like. The show seems to have a propensity for punkrock and groups like "The Stupids," "Soluton Unknown," and "The Jookie Krewe" are featured. (5.975/6.175).

TUESDAY

- 0030-0100: "Omnibus" (BBC). As the title indicates the show is a kind of pot-pouri of various features, each week different. Past weeks have featured a tribute to Danny Kaye, a one man performance by Lord Olivier, an interview with an expert on urban wildlife, and a feature on the British Meteorological Society. (5.975/6.175).
- 0110v-0115: "From the Hungarian Weeklies" (Radio Budapest). Each week three excerpts from the Hungarian weekly newspapers are read, covering a variety of subjects, such as economics, politics, art and culture, and even the position of native Hungarians in Czechoslovakia. (9.835/9.520/6.025. Repeated at 0210 on the same frequencies).

WEDNESDAY

- 1210-1225: "On Reflection"(Radio Finland International). A rather lengthy essay about topics and current events in Finland and Helsinki. Usually the essays are well-written and shed some interesting light on Finnish concerns. (15.400/11.945. Repeated at 1310 and 1410 on the same frequencies.) Every other week.
- 2320-2325:"The World of Israeli Sports" (Kol Israel). A brief run-down of the most important sporting news in Israel during the past week, including soccer, tennis, basketball, etc. (11.610/9.855/9.435. Not aired on the Kol Israel broadcasts at 0000 and 0300).

THURSDAY

- 0225-0235: "The Skylark"(Radio Bucharest). Old Romanian folk songs, sung and played by old Romanian folks. (9.510/5.990)
- 0235-0245: "Philately" (R.A.E.). A brief program on stamp collecting, usually featuring important exhibits and exhibitions in the history of stamp collecting, and only occasionally feature Argentine issues. More of program of philatelic topics than actual feature of national issues. (9.690/11.710).

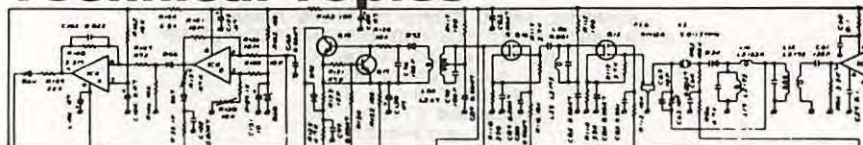
FRIDAY

- 2330-2345: "Our Heritage" (Radio Japan). Topics in the history and culture of Japan including wedding customs, cherry blossom viewing, etc. (11.800).
- 0235-0250: "Mailbag Time" (R.A.E.). A rather typical mail-bag show reading comments from listeners, usually nothing more than reception reports but occasional comments of more abiding interest. Rarely answers questions from listeners and when they do, the answers are usually brief and to the point rather than in-depth exploration of an issue (9.690/11.710).

SATURDAY

- 0210-0230: "P.O. Box 4559" (Radio RSA). Radio RSA's mailbag program, hosted by Cathy Fitch and Shirley Veal. Answers questions from listeners, comments on the mail and comments from listeners. One nice thing here is that the presenters usually read the entire address of the writer rather than just state and country. Goodies, including a book on the history of South Africa, available on request. (9.615/6.010).
- 0335-0350: "Made in Czechoslovakia" (R. Prague). One of Radio Prague's musical variety shows, usually featuring Czech popular music, but sometimes folk music, usually each program having a featured artist or theme. (5.930/7.345. Broadcast earlier at 0135 on the same frequencies). Not on last Saturday of the month.

Technical Topics



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

These are the days of the year when I choose to move as little as possible. The Northeastern part of the US of A is griped in record temperatures and the humidity is unbearable. The smart bunkies among us DX in air conditioned comfort. But those of us without benefit of home cooling must sit very still and wait for the table fan to oscillate in our direction. This makes for good reading weather, provided you don't mind a few drops of perspiration on the pages.

Two books have crossed your humble editor's desk and since I am still saving my pennies to buy Robert A. Heinlein's latest novel, these books have been at hand by the oscillating fan so to speak.

Interestingly enough, these books both serve as good purchases for anyone about to spend their hard earned cash on a new (or newer) receiver. As most of you know, I am a firm believer in the notion that knowledge is power. A little money invested in research will pay off in the final analysis.

MORE RADIO RECEIVER - CHANCE OR CHOICE

by Rainer Lichte

copyright 1987

GILFER SHORTWAVE

Gilfer Associates, Inc.

ISBN: 0-914542-18-4

I know that many folks made use of Rainer Lichte's original "Radio Receiver - Chance or Choice" published in 1985. His extensive testing and experience with many modern receivers provided the kind of critical information needed by the SWL looking for the most for his or her money. But you may have noticed that the years since 1985 have been booming as far as new equipment goes. Most of the popular brand names have come out with at least one new model. GRUNDIG has re-emerged in the general market place. Many new "Bells and Whistles" have come out of the Research and Development labs. Changes abound. All these occurrences converged to lead Mr. Lichte to write another critical work that examines the latest radio equipment.

Rainer Lichte's radio engineering education as well as his twenty years of experience in military electronics are most evident in the exhaustive examination he gives to each of the receivers reviewed. The book examines 14 recently manufactured radios including the Grundig Satellit 400 and 650, Kenwood R-5000, Icom R-7000, Japan Radio Company NRD-525, he even includes a pocket rocket class receiver the Panasonic RF-B60L.

I find Rainer's writing to be very readable and he makes every effort to explain even the most technical details in a way that a novice SWL would find useful. Each review includes a separate, one page, compilation of all receiver vital statistics for easy comparison.

Something I appreciate is Mr. Lichte's review of the LDWE HF-125 a somewhat underrated British built receiver. Who said the Japanese have all the good hardware.

Soft Cover 96 pages

Available from: GILFER SHORTWAVE
52 Park Avenue
Park Ridge, NJ 07656
\$12.95 (+\$2.00 shipping)

STANDARD RADIO COMMUNICATIONS MANUAL:
WITH INSTRUMENTATION AND TESTING TECHNIQUES
by R. Harold Kinley, C.E.T.
copyright 1985
PRENTICE-HALL, INC.
Englewood Cliffs, NJ
ISBN: 0-13-842394-6

One of the things that everyone associated with this hobby does is pour over every receiver review we can get our hands on. It doesn't matter if we are in the market to buy or not. We just love these little boxes that sound comes out of. But how many of us really understand what we are reading? Just what is a decibel anyway? What constitutes good sensitivity and selectivity? What is an appropriate level of image rejection? How does dynamic range effect listening quality?

Mr. Kinley is here to tell you just what all these figures are all about, what they mean to you as a receiver user, and (for those adventurous enough) how to make these very measurements yourself.

In recent years, the Electronics Industries Association (EIA) has made landmark (benchmark?) efforts to bring about standardization of most test and measurement procedures so that, in the end, the consumer might know exactly what they were getting. All you old timers will remember the early days of Hi-Fi and Stereo when you needed to compare 50 Watts RMS with 200 Watts of "Music Power". The industry has recognized that comparable final figures required universally accepted methods of testing. The STANDARD RADIO COMMUNICATIONS MANUAL provides an exhaustive collection of receiver and transmitter testing techniques. The book discusses all appropriate test equipment, how to utilize it, and how to interpret the data from the test in relation to other findings.

Kinley's book provides the reader with all the background needed to allow the receiver user or purchaser to make intelligent choices. You will also find that, with the proper equipment, most tests are relatively easy to perform. And you all know I never object to anything that gets people interested in learning about working on their own equipment.

This book is quite readable but some basic technical background would be helpful.

420 pages Hardcover

RUMOR CONTROL DEPT.
TEN-TEC RX325

Several people have contacted me to say that the Ten-Tec RX-325 has been discontinued. I have even seen this information published.

I have dealt with Ten-Tec for many years and I felt that discontinuing such a product "right out of the gate" was not their style. Ten-Tec has never tried to corner the radio hobby market with any of their gear. Instead, they have a history of producing well built, effective equipment backed by incredible customer service and support. Think of them as the Airstream Trailers of the radio world.

To clear this matter up once and for all I placed a call to SID KITRELL at Ten-Tec to get the straight scoop. Sid indicated that they had considered pulling the rig because its sales started slowly but the fluctuations of the US dollar and the Japanese Yen have apparently left Ten-Tec standing because sales have become somewhat brisk and new orders are coming in. So the official word is that the RX-325 is still in the market.

Keep those cards and letters coming folks.

73,

Ship WB2GHA

NASWA Awards Program

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

Greeting and welcome to the August Awards Page. The following folks earned NASWA Awards during June 1987:

Gerry BISHOP, Clark AB, Phillipines: Master DX Centurian; Master Papua New Guinea DXer; Senior Indonesian DXer; Master Indonesian DXer; Master Subcontinental DXer; Emissora Nacional DXer; Senior Tropical Band DXer.

Doug COPELAND, Transcona, Manitoba: Arab World DXer; DXer de Pacifica; Maple Leaf DXer

Rev. John C. ECKERT, Norristown, PA: DX Centurian

Richard EDDIE, St. Louis, MO: Arab World DXer; Arab World DXPert

Hans JOHNSON, San Angelo, TX: Asian Continental DXer

Steven R. LARE, Holland, MI: Senior DX Centurian 160 country endorsement

Sheryl PASZKIEWICZ, Manitowoc, WI: Senior DX Centurian

John SGRULETTA, Mahopoc, NY: Master DX Centurian 210 country endorsement, Master Pacifica DXer

Jerry WACHTER, Riverside, IL: World Wide DXer

John M. WILKINS, Wheat Ridge, CO: Australian DXer 10 station endorsement

****kap's KOMMENTS****

Our congratulations to the winners of the Annual ANARC Awards. They were:

Gerry Dexter: North American SWBC DXer of the year
Fred Osterman: Specialty Band DXer of the year
Michael Murray: International SWBC DXer of the Year
Bob Thomann: International Broadcaster of the Year

As in the past we had the pleasure of handling the nomination and balloting procedure for ANARC.

For Trade: 25 issues of Globe Circler Magazine, 1936-1942. This was the bulletin of the IDXA. Excellent condition. Many photos, a professionally produced publication. Will trade for SWBC pennants. SASE for details.

Hopefully this column will appear in the August issue, depending on the vagaries of the USPS Express Mail System. Guess who forgot the deadline and had to be shaken out of his lethargy by our erstwhile Publisher.

Gerry Bishop tells us that he is being transferred back to the U.S. some time in August. He will be based at Eglin AFB, FL. I'm sure that Gerry will be taking aim at the multitude of Latin American Awards we have available.

Father John Eckhart advises that it took him 3 1/2 years to obtain QSLs from the 100 countries needed to obtain his DX Centurian Award. His rig is a General Electric World Radio, which goes to show that you don't need a kilo-buck radio to be involved.

Our profound apologies for cobbling up the spelling of Steve Lare's first name a couple of times. It will probably happen again.

Contrary to rumor, the Miller Brewery did not work 3 overtime shifts to supply the suds for our recent "mini-gathering". Twas only 2 shifts.

We recently picked up a modem for this magic machine. Perhaps we'll meet on one of the many BBS now available to the hobby.

Till next month, take care.

Besi, Kap 7/6/87

Hello folks,

Kap's Korner in the February issue of FRENEX got me to the typewriter again. A really fine article of someone who knows what he's talking about. Many of the good old names disappeared in the past years. Contribution of the 'oldsters' seems to be limited to the 'closed circles' only and I really don't understand why. But in such a nice club as the NASWA there have to be more enthusiasts than just the 30 or so folks who mind their own business in NU or RNM.

My target of DX-activities is Latin America, including Brasil. I started DXing some ten years ago, but it lasted until 1982 when I wrote my first reception report. In the past five years I've received many QSLs mainly from South America. I'm not very interested in verifying new countries. The thrill of a new QSL from a regional American broadcaster is much bigger for me. Jerry Berg wrote some interesting articles about verifying LA-stations long time ago (in FRENEX & WRTH); As every DXer is an individual, everyone has to find his own technique of reporting to stations. When you start to verify new stations instead of new countries things start to become more difficult, but more interesting as well. There may be various reasons why someone starts to specialize on one particular DX-target. New QSLs can only be obtained when you seek for new stations, or special interest in the culture, language etc. of a region.

One could write many articles about how to handle with regional broadcasters. You could write about technical topics, how to tune them in, grey line reception etc. and perhaps some of you experienced folks who are reading this, start to write a few lines about that. You could also write about different techniques of reporting like Gerry Dexter did in his book 'Secrets of successful QSLing' or Jerry Berg in his article in FRENEX October 1985. You may also write about how to use computer programs for reports and reminders.

I want to give today some general remarks about the topic of regional broadcasting. I'll give some *personal opinions* but perhaps some of them are interesting for some of you. Many years ago there was a pipe bulletin here in Germany called 'RADIO MUNDIAL' which was specialized in LA-DXing and had a slogan which can be useful for everyone of us: "DXing is more than those sounds which come out of our receiver". If you are a QSL-hunter and exclusively interested in the desired verification things start to become a bit difficult when regional broadcasters are concerned. It is a fact that local radio stations normally don't have any interest in being heard overseas because they only broadcast for a local or regional audience. Two ways of persuading local broadcasters are: A good reception report and a good letter which accompanies your report (with some goodies). Many articles have been published about how to write, when to send a reminder etc. Today some lines about what I call 'The right attitude' and which actually means something different for everyone of us.

A radio station consists of individuals which are doing their job as we are doing our job. When writing to a regional station we always have to remember that we are not writing to a 'Verification Machine' but to someone who has to be interested in such a manner that he/she does take the time to respond our letter. Try to imagine what kind of letter would wake *YOU* up when someone from I-don't-know-how-many-miles-away would write to you and ask you a favour. When you accept that there are individuals working at a radio station instead of a 'Verification Machine' you might also accept that there is not a single radio station on the globe which doesn't verify reception reports but only stations with individuals which still haven't received those letters which made them answering. The so called 'notorical-non-verifiers' are a very interesting thrill for everyone of us. They are a proof for us whether our attitude works or not.

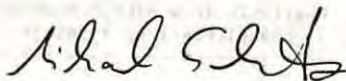


There are many stations around the globe which normally don't answer reception reports and their number has increased in the past years. My personal opinion on that is that many of them don't answer because the answering of reports is often a very boring and in some way oddsome business. If you manage to wake up the interest of one of the individuals working at the station, get in contact with him/her and *STAY* in contact after having received the QSL if HE/SHE is still interested in a correspondence you are doing the best to promote our hobby. Dropping the contact after having received the QSL although the contact partner is still interested in the correspondence only means that the individual isn't of any interest for you. You can be rather sure that the chap at the station won't answer many other reports in the future.

One of the slogans of NASWA and other SWL-clubs is "Unity and friendship", the promotion of a better understanding between the peoples of the world. This is not a meaningless slogan but the essential part of the hobby, as I see it. Reminders, new reports, shootgunning, peppering and all these techniques described in publications and articles are extremely useful to increase the reply rate but the 'spirit', as I feel it, is something different; its a personal contact with the individuals working at the station and a discussion of the program they are broadcasting. You may find it difficult to estimate the content of a program when you don't talk and understand the language you're listening to. This is true and I want to repeat the slogan of this fine former DX-club: "DXing is more than those sounds which come out of our receiver". Some basic knowledge of foreign languages is needed when regional broadcasters are concerned. Take into account that every minute you spend learning a language isn't a wasted minute for your whole life. I think we can't say the same about those many hours we've spent watching the TV with its advertisements. This does not mean that you have to become a professional translator. Leave that task to the dictionary in your shack, if you want to. It means that it is useful to understand a bit of a foreign language, especially when you are writing to those stations which are considered to be tough verifiers. The culture of many countries is a very interesting one. Why not read a bit more about the history of those countries you are interested in and want to verify? Its an interesting entertainment, you start to understand why some Colombian stations have the slogan "Orgullosamente colombiano" or Venezuelan ones a close down announcement like: "Desde Caracas, cuna de nuestro padre y libertador Simón Bolívar transmite Radio Continente". Latin America isn't as separated as Europe. The majority of the countries use Spanish, or Portuguese in Brasil. The frontiers between Latin American countries are not as strong as those between European or Asian countries. Often there are no language boundaries and we DXers know that a language is a much stronger frontier than any geographical one. Listening to the regular program of Sani Radio 'Música del Caribe' or the famous program 'Sábadoailable' from Ecos del Torbes offers you the music which is up-to-date in most parts of Latin America, the names of the songs and the singers. When you listen to one of these songs later on a real small broadcaster like Radio Valles del Tuy, Radio Mara, Radio El Sol de Los Andes or Radio Paitití, you may have a useful program detail for your reception report to that station.

Seeing DXing as I see it means, that it is part of the life, not only a list of frequencies of stations and times you can tune them in, but real background knowledge. I still remember the surprised face of a Colombian friend who was studying here in Germany and whom I told, when he said that he was from Medellin, that I listen to Radio Super, repeating some of the slogans of the station and telling him that the station's Director Sr. Ismael Ochoa is a penfriend of mine and has told me many interesting things about his city and region.

A program listener can learn many things from the station's he's listening to. When he decides to verify a local station using the methods and techniques often described, he will certainly do much better than someone who is only a specialist on the technical topics. The choice whether to collect QSLs or not is a merely personal one. Many folks prefer tapings and in some way a taped report is a better proof of reception than a QSL. But a rather exceptional thrill of QSLing is, that it is an entirely personal matter. Different from stamp- or coin collections you can't buy QSL-cards. You get them or not. Its one of the most personal collections an individual can have. This is the challenge and the thrill, at least for me.



by: Ashok Nallawalla, ZL4LM/VK3CIT
Arthur T. Cushen, MBE
Bryan D. Clark

Ashley Publishing
PO Box 539
Werribe VIC 3030, AUSTRALIA

This 125-page 8x11-inch perfect-bound paperback book is a useful introduction to the hobby of long-distance listening. The authors attempt to strike a middle ground to satisfy the needs of the listener who is content to listen to distant stations and the needs of the DXer who make this activity a major hobby.

The book is divided into 11 chapters:

Chapter 1, Radio/TV Reception - An Overview, offers, among other topics, offers a brief review of propagation characteristics and factors and includes an extensive abbreviation list and glossary. Chapter 2, The Broadcast Bands, discusses the major broadcast bands from longwave through medium- and shortwave to satellite television reception. Chapter 3, Receivers, offers an extensive review and discussion of virtually every type of feature and control the user might find on a shortwave receiver. Chapter 4, Antennas, discusses some antenna terminology and theory, and describes a variety of mostly shortwave antennas. Chapter 5, Advanced Topics, discusses some test equipment -- such as a grid dip oscillator, noise bridge, and RC bridge -- and touches upon such diverse topics as diversity reception, DX spotting nets, and computers. Chapter 6, The Broadcasters, briefly discusses some of the major broadcasters including the BBC, Radio Canada International, Radio Australia, and Radio Nederland, and lists some of the literature available from Radio Nederland. Chapter 7, The Hobby of Radio DXing, defines DXing, reporting codes using SINPO as an example, QSL practices and reply postage alternatives, and concludes with a review of DXing aids. In this latter category printed material such as the WRTM, RDI, Hauser's publications, and club publications are included.

Although the authors touch on all aspects from the longwave bands to satellite television, its focus is on shortwave broadcast listening. While you may say "I know all that stuff..." I found BETTER RADIO/TV RECEPTION to be a great checklist to fill in the blanks. Often I have been put in the position of trying to explain this listening hobby to a newcomer, and this book can make that task easier. There is a lot of meat in this book. I suspect, with three authors, there is the heavy hand of a good editor present. The writing style is clear, concise, and very precise as if every word (especially in the definition, terminology and glossary portions of the book) was carefully picked over before being used. As every sentence, and virtually every word, contributes to the subject under discussion, it is not necessarily bedtime reading. There is no filler material. There are no anecdotes. What you will NOT find are endless schedules and other lists of "things to tune for" so the material should stay relatively current (some photographs of equipment will be the first things to go out of date...). This book is not the only book that a newcomer to the hobby should read. It should be one of the first ones read by the newcomer to figure out what this listening hobby is all about. RECOMMENDED...

Available from GILFER SHORTWAVE, 52 Park Avenue, Park Ridge, NJ 07656
(1-800-GILFER-1 or 1-201-391-7887) for \$14.95 plus \$2 shipping and handling.

Reviewed by Tom Sundstrom, W2XQ

DX TARGET: HONDURAS
Radio Luz Y Vida (HRPC)

By
Richard A. D'Angelo

Honduras is an interesting radio country with many AM and shortwave outlets to DX. Lets look at the country and at one of the DX Targets from this area.

THE COUNTRY

Honduras is a small Central American republic with a coast line of 400 miles or 650 kilometers on the Caribbean Sea and a frontage of about 50 miles or 80 kilometers on the Gulf of Eonseca, on the Pacific Ocean. It is bounded on the north by the Caribbean sea, on the southeast by Nicaragua, on the south by the Pacific Ocean and El Salvador and on the west by Guatemala.

THE ECONOMY

Large numbers of Hondurans grow bananas, the nations leading source of income, in the northern lowlands along the Caribbean sea. In the inland mountains, many people raise beans, cattle, coffee, corn and tobacco. Tegucigalpa, the capital and largest city, is in this region. Many Hondurans raise cattle and cotton on the plains bordering the Pacific Ocean in the south.

THE CLIMATE

Honduras has a tropical climate that becomes cooler in the mountains with the increase of altitude. The rainy season begins in May. It ends by November or December in the southern and central highlands, which receive a yearly average of 30 to 60 inches (76 to 152 centimeters) of rain. The rain falls until February in the north and almost throughout the year in the northeast. That region of tropical rain forests, the wettest part of Honduras, has more than 100 inches (250 centimeters) of rain a year.

THE DX TARGET

Radio Luz Y Vida, or Radio Light and Life, began broadcasting in 1979 on 1,600 kHz using a converted ham transmitter. The operating power was just 50 watts. This enabled the station to have a range of 31 kilometers. Current operations include a Gates BC-1J with a power of 1,000 watts for the tropical band outlet on 3,250 kHz. HRPC utilizes a C5RB antenna with a gain of 4 to 5 db. The antenna is aimed north and south.

Radio Light and Life is a Christian Radio Broadcaster. It is owned and operated by the Emanuell Church in Honduras, and is supported by Evanglistic Faith Missions which is headquartered in Bedford, Indiana, USA. A majority of the radio stations equipment has been donated by radio stations in the USA and other organizations related to the broadcast industry.

Verie signer Donald Moore is the manager and broadcast engineer of HRPC. He is an active radio amateur with the call sign WA5FFK/HR5. Address reception reports to him at:

Radio Luz Y Vida
Apartado 303
San Pedro Sula
HONDURAS
Central America

Check for Radio Luz Y Vida between 2200 and 0400 UTC with mainly Spanish language religious programs. English language programming is carried on Mondays from 0300 UTC to sign off. Keep an ear open for the sign off announcements by Donald Moore.

Good luck with this DX TARGET.

XX

This year, the 1987 meeting of the European DX Council was held at the Hotel Korpilampi in Espoo, Finland, which is about 20 miles NW of Helsinki.

After a few days spent in Copenhagen, Denmark, I journeyed to Espoo, thanks to SAS Scandinavian Airlines System.

Registration started at 1500 local time on Friday, June 5th. After spending a few minutes in line, & reacquainting myself with Ms. Monica Pilkiwicz of Red Cross Broadcasting Service, who was in the line behind me, who I met last year at ANARCON in Montreal, I went to the upstairs exhibition area, which contained exhibits of old-time radio's, a DX Library, a video and computer room, as well as a DXing room with all types of radio's from a Sony 2002 to a JRC NRH-525, as well as some of the popular Grundig models. The next "official" item on the agenda, next to the cocktail meetings, which if you have ever been to an ANARC convention you know go on all the time, was a forum or programme on "Medium Wave DXing". This presentation dealt with the basic principles of MW propagation, the effects of solar activity and the 11 year cycles, the 28 day cycle and how favourable conditions move from one to another continent. Examples of various rare catches from Mr. Antti Aaltonen, the programme presenter, were also heard with catches from Hawaii, Alaska, The Yukon and Northwest Territories being among them.

At 2000 hours I attended the programme on "North American DXing", which was presented by Mr. Hannu Nilleksela, one of Finland's most experienced NA-DXers, who has verified more than 500 stations from our continent. This presentation summed up NA DXing in Finland during the 60's, 70's, and into the 80's. Special emphasis was placed on the many DXpeditions into Lapland, the very north of Finland, which has changed the scope of NA DXing from Finland since the 70's. Tape recordings from various stations were also heard during this presentation also. This presentation was followed by the world-wide premier of the movie "Arctic DXing" or "DXing Below Zero", which was a video-tape adventure starring Esa Haminen and Roland Sandberg, two specialists in NA DXing in Lapland. This movie was made last winter and was the true life story of a DXpedition at -40 degrees and just what a serious MW DXer is all about. If I can get this tape converted from the PAL standard to NTSC I hope to make it available to anyone over here would like to view it.

After this show I retired to the computer room to meet with George Wood and Edward Dunne, George being with Radio Sweden and Edward being the manager of the DUBBS BSS in Dublin, Ireland, to talk about our presentation on computer's in DXing, which was scheduled for tomorrow, after this, and a few beers later, I was out until the next day.

At 0900 the Official Opening of EDXC took place with speeches by the Honourable Mr. Jacob Soderman, patron of the conference and Governor of the Province of Uusimaa, as well as Michael Murray, the Secretary-General of the EDXC, and Tapani Laitinen, President of the Finnish DX Association. The speeches lasted about 30 minutes and afterwards the official photo was taken by the lake in the back of the hotel.

At 1030 various workshops were presented and one had the opportunity to choose between Computers in DXing, DX Programmes, FM and TV DXing, MW DXing in Scandinavia, and the WRTH. I choose "Computers in DXing", which was presented by George Wood of Radio Sweden and author of "The DXers Guide to Computing". I was asked by George to talk a bit about some systems here in the US and Edward Dunne from Ireland talked about the new Irish system as well as the U.K. boards. After this, a nice sauna, of which there is one for every four persons in Finland, and some free time until the next item on the agenda, the Compu-Serve meeting at 1830.

At 1830 I had a chance to participate in what for me was one of the most interesting and unique items on the EDXC agenda, a Compu-Serve computer conference with any possible number of people from around the world. After dialing into the access number in Sweden George and I made contact with my hometown, Columbus, Ohio, which is where Compu-Serve is headquartered. We went into the "Hamnet" section of the board, requested we be let into the conference mode, and sure enough, we broke into a meeting going on between Jim Grubbs, K9EI, who has authored many interesting books on using computers in DXing and Packet radio and Ron Schatz in Florida. We exchanged some greetings and a number of questions were asked by not only Jim and Ron but also the persons watching all of this in the conference room. We were joined during the course of 45 minutes by Allan Courtney in Kentucky, Robert DeViolini in Norfolk, Virginia, Robert Nattaliano in Newton, Mass, and finally Karl Grabbe in Cork, Ireland, who didnt know about the conference ahead of time. This was a very interesting item and it is a pity more people didnt take part. Perhaps something like this could be attempted at an ANARC convention, to link in with DXers in Europe???

At 2030 we had a good meal at the EDXC Banquet, the meal consisted of Chinese food, yes that's right, Chinese food, as well as some German sausages and various fish items for an appetizer. All food was of course prepared with a generous portion of cesium, thanks to Chernobyl!!!!!! After the banquet, as it the case at ANARC conventions, a raffle

drawing was held, which was followed by the auction, with a Finn winning the big prize, a Grundig Satellit 650.

Sunday, June 7th, began with a nice breakfast and was followed by the EDXC Member and Observers Club Meeting at 0900, which was chaired by Secy General Michael Murray. The future of the EDXC was discussed there as well as a possible site for the 1988 EDXC Convention.

At 1000 the Broadcasters Panel discussion was held with representatives of many international broadcasting stations such as the BBC, Voice of Free China, Radio Deutsche Welle, Radio Austria International, Red Cross Broadcasting Service, Radio Sweden, Radio Berlin, Radio Norway, Radio Exterior de Espana, and last but not least Radio Korea—many more than attend a normal ANARCON. Various questions were brought fourth for the panel to discuss such as station QSL policies, the real benefit a reception is to a station and what a station wants to see in a QSL reception report.

The Broadcasters Panel meeting was followed by a speech by Mr. P.P. Tang, President of the BCC, Broadcasting Corporation of China, better known as the Voice of Free China, who was the highest ranking official any broadcasting station sent to this conference. Mr. Tang talked about his experience in the United States while attending college and how he hopes that his station really helps improve the image of his small country to the rest of the world and how they appreciate all input into their programmes, etc.

A sightseeing tour of Helsinki and environs was held just before Mr. Tang's speech and included a visit to the University of Technology's in Otaniemi, Espoo, whose campus happens to host the frequent meetings between the U.S. and Soviet Union in arms talks, and is where our group also had a nice lunch in the student dorm area. The tour of Helsinki also included a visit to Radio City, Helsinki's first commercial radio station, as well as a visit to the centre of Helsinki and it's monuments.

For this writer, the conference concluded at 2130 with the panel discussion on the first 20 years of the EDXC. This featured present and past Secretary-Generals of the EDXC and some people who were there when it was founded. The panel was chaired by Mr. Anker Petersen, the first Secretary General of the EDXC who still plays an active role in EDXC affairs. I departed from the hotel at 0700 Monday with a group of Soviet national's who were also on holiday at the hotel, though not for the convention. A short flight from Helsinki to Copenhagen and then a l-o-n-g flight from Copenhagen to New York and my EDXC sojourn was over.

After my return to Columbus(Grove City) I attempted some similarities between the EDXC convention and the ANARCON conventions I have attended in the past. There are many. First and foremost a DXer is a DXer, no matter where he lives. I think perhaps some are more serious in Europe than here, especially Finland in taking their winter DXpeditions to Lapland for a few weeks. Both conventions are organized well with perhaps fewer people in Europe bad-mouthing the hobby and putting down the clubs than in the U.S. There is no talk about which club is going under this year and why or who is causing it. Clubs in Europe are stronger than in the States perhaps because they draw on one's national identity. For example, in the U.S. all clubs use english as their language of publication, as compared with Europe, where every country publishes their bulletin in their own national tongue, which not only makes it difficult for new members to join but also is a tough job for the EDXC to keep track of, having to go through all the publications and tell all the other clubs what is going on, etc. If a person in the U.S. is unhappy with the club he belongs to the general attitude of those in charge of the clubs is to go somewhere else if you dont like it here. In Europe they cant go anywhere else because there is a chance they could not read the bulletin. For example, I met some people from France who could not speak any other language, where do they go when they're unhappy?? Their answer is not to have the clubs get bogged down in politics as here in the states, not to invest too much of a club in one person, but to spread things out and take comments and suggestions more seriously than here.

The one main difference that I noticed between EDXC'87 and ANARCON's of the past is the way the main exhibition area is run. At EDXC the main room, which is where the broadcasters hand out station information, stickers, etc, is only open for about an hour and when the doors open it is bedlam, until the stickers and other material run out, at which time the room begins to empty. At ANARCON the room is open for the entire convention and there is no mad rush to obtain a goodie from a station.

The choice of a hotel for EDXC'87 was a good one, being out in the middle of the woods as it was. It allowed a nice antenna farm to be erected which made DXing actually possible, and the elevators actually worked!!!!!!

The only news I cant report on is where the convention will be next year. So far, no club or organisation has come fourth to volunteer to organize the event.

If your going to the ANARCON this year in Mississauga you will see some attending, who were also at EDXC. Bob and Evelyn Thomann, from Swiss Radio International will be there as will be Michael Murray, the Secretary General of the EDXC. The Voice of Free China should be there again as well. Some people who were planning to come will wait until the convention is held in southern California, as is planned next year, as they feel that area offers more for a real holiday.

Should there be an EDXC Convention next year I hope to be back with another report on it then. 73.....

EQUIPMENT REVIEW: AN EXCELLENT LATE NIGHT DX AID

by

Dr. Harold Cones ("Dr. DX"), WPE400

You really oughta have one. Mine lies near my feet in the corner of the shack and makes the late evening-early morning DX hours go by easier. Upkeep is relatively minimal. The color is nice, and it just feels good to know that it is there. It's one hunk of Dxing equipment that can be enjoyed by the whole family when you are not using it in your hobby. This first class piece of DXing machinery is none other than Daisy-the-DX-Dog, my constant shack companion and late night DX confidant. Although not much on heterodynes, Daisy-the-DX-Dog listens intently to my excited babble about rare catches when there is no one else in the house awake (or who would really listen if they were awake), and responds with an understanding wag of her tail before settling back for some more shuteye. On cold winter nights, we share the knee-hole under my desk and keep each other warm, Daisy checking every now and then to make sure that I have not nodded off, risking the catch I have been waiting for. If the sweet arms of Morpheus have claimed me, she whacks me with her paw, and we are soon back in the DX business again. When I pull the plug for the evening, she does likewise, each of us retiring to our favorite sleeping places. But let me open the door to my shack at any hour and she is right there, ready to help me grab those Papuas or Indonesians. Her one major shortcoming is her lack of excitement when the good QSLs show up in the mailbox. She gets much more excited by the dog food samples than she does by the QSLs from Radio East New Britain or Radio Mauritania. The only time I ever saw her react to a QSL was when she was a puppy, just developing her keen DX sense. She had an accident on a Radio Iran "War Is Hell" card. I still have it, and, you know, it looks a little better than the original. The Old Dominion DX Association (ODDX) is trying to train her to point when the grayline passes through Bhutan. So far, we have had little luck, but we have progressed to ear raising at the mention of Tristan. I'll just be happy if she decides not to bite the mailman on the days he is toting the overseas airmail to my door. The macho guys can take their fancy high-bred hunting dogs, the blue-haired ladies their poodles, and the shepherd his sheepdog; old dial-twiddling-tube-snatching Dr. DX, will take Daisy-the-DX-Dog over them all!

Computer Corner

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

ALL I CAN SAY...

...is that I am sorry about last month! But, PLEASE allow me to explain! While I was busy trying to figure out how to operate this new computer (yes, I finally got the clone!), I let my personal deadlines get by me. So, I got the article done, posted it with US Snail, and then discovered that Murphy was a relative...because Bill Oliver never got the article!! So, My apologies, and I promise to not let it happen again. Now will someone PLEASE let the DX back into my radio??

As I recall, we were last talking about being "on-line" with the various bulletin boards around the country. The last discussion was about logging on, and finding your way around the various areas of the systems. On most of the boards, you will find help files to give you answers to such burning questions as "which button do I hit now?", or "How do I get the heck off of this thing?" These file are there for a reason...FOR YOU TO READ! So, do yourself a favor, and read them...it will save you uncountable hours of agony!

After you have found your way into the MESSAGE BASE, you will be able to start looking at PUBLIC messages that other users have posted; this is where you will find general information about the topic of the board or sub-board that you are in at the time. You can even reply to most of the messages, by simply following the prompts. After typing out your reply, you need to tell the bbs that you want to SAVE the message. Hmmm, you ask...how do I do that? Elementary, my dear hacker!

After you have finished typing, simply hit <RETURN> on a blank line (for 99% of the BBS out there) and you will then be given an EDIT prompt. This will have several commands, such as edit, read, continue, about or save. For now, we shall assume that your message is correct, and you want to send it...simply hit the S key and viola! Message saved!

Many of the boards have features for UPLOADING and DOWNLOADING of programs; this is simply a means of transferring a program from one system to another. THESE ARE PUBLIC DOMAIN, SHAREWARE and FREWARE PROGRAMS. DO NOT UPLOAD COPYRIGHTED SOFTWARE TO ANY BBS!! That can cause a LOT of problems for both you and the sysop of the board, and will usually get you kicked off the board! If you see a program that you might be interested in getting, read the manual that came with your terminal program, and give it a shot! The most popular file transfer protocols are XMODEM and XMODEM CRC. Make sure you have your equipment set right, and get yourself some programs! In fact,

MOST of the SWL BBSs have ul/dl sections, so you might want to start by checking those out!

Well, the mind is getting a bit foggy, so I think I will wrap up this portion of the column. Stay tuned next month for more in the exciting conclusion of "As The Modem Dials..." (Yes, I know, I should be shot...)

Folks, sorry this is so short this month. The word processor that I am using is a REAL dog, and I hope to be up with better software later this week. BUT, I have to get this up to Bill's printer, so here goes! Hope that you enjoy the column, and that you will continue to write!

Oh yea, here is a GREAT little cartoon for the month...kinda shows how I feel right now with this word processor...

**"Hit any Key
to Continue"**



73!
Jon

WANTED: Drake R4245/R-7/R-7A in good condition with manual and schematic. Will pay top \$\$\$.

James Kilgallen, NAVCOMSTA ROTA Box 663, FPO New York, NY 09539-3000.

FOR SALE: ICOM R-71, loaded, \$695.00. Drake SPR-4, \$295.00. Collins 75A4 3 filter, \$475.00. Yaesu FRG-7, \$195.00. Tony Musero, 1609 South Iseminger Street, Philadelphia, PA 19148. Phone (215) 271-8898.

FOR SALE: A number of modules and a manual for an SRR-11. I no longer have this receiver, so I don't need them. WANTED: Good, clean TCS receiver and transmitter and other WWII surplus. SASE, please. Paul Gregg, 725 College Way, Carmel, IN 46032.

FOR SALE: Customized Beam Headings (from/to) and Distances (Mi/Km) to over 415 WRTH-87 transmitter sites. Useful in picking alternate transmissions and selecting listening times based on distances. ITU Country Codes included. Send your location/coordinates. Price \$5.85. Sony ICF-6700W, \$135. FRENEX complete 1984, \$5.00. Gilfer "Confidential Frequency List" and "Guide to RTTY Frequencies," \$4.00 each. All items include shipping. Cashiers check or money order, please. Al Drehmann, Route 2, Box 3-B, Tryon, NC 28782. Phone (704) 894-3398.

FOR SALE: Realistic DX-302, \$195.00. Realistic DX-200. Brand new, still in original box, \$145.00. Thomas B. Henchy, 14 West Lester Ave., #18, Murray, UT 84107.



Listeners Notebook

GLENN HAUSER, Box 490756, Ft LAUDERDALE FL 33349

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ALASKA At 0900 27/6, KNLS HRD ON 11820 ANCG FULL SKED: 08-09 EG 11860, 09-10 EG 11820, 10-11 EG 11930, 11-12 CHINESE 9710, 1230-14 CHINESE 7355, 14-1630 RUSSIAN 9750, 1630-1930 EG 11700, 1930-22 RUSSIAN 11980 (WBI 3/7)

ARGENTINA TELAM NX AGCY REPORTED 7/7: A NEW STUDIO FOR LRAI R NACIONAL AT 555 MAIPU STREET INAUGURATED 6/7: ON 870 KHZ BCS FROM THIS STUDIO WHILE FM CONTINUES FROM OLD STUDIO AT 1556 AYACUCHO (WBI 17/7)

RAE, COMPLETE: 01 PT, 02 EG, 03 SP, 04-05 EG ALL ON 11710 9690. 10 JP & 11-12 PT AS 11710. 12-13 SP AM 15345 11710, 13-14 SP AM 11710. 17 AR ME, 1730 EG, 1830 GM, 1930 FR, 2015 IT, 21-22 GM ALL EU/AF 15345. 22 EG & 23-01 SP AM 11710 & 9690 (WBI 17/7) ALL DAILY; DOESN'T SHOW ANY SP EXTENSIONS ON SUN (GH)

R NACIONAL, VIEDMA, ON NEW 5990 20-21 1/6 FOLK MX, SP NX, ID, // 1150 (DANIEL CAMPORINI, ARGENTINA, DSWCI SW NEWS)

ARUBA FEBC SAN FRANCISCO IS GOING TO DONATE A 100 kW SW XMTR TO R VICTORIA, CURRENTLY ON MW 960 WITH 10 kW AND FM STEREO 95.1 WITH 1 kW AS SOUND EXPERIENCE. R VICTORIA OWNER MR CHRISTIANS SAYS THEY HAVE NOT RECEIVED IT YET BECAUSE OF LACK OF QUALIFIED PERSONNEL TO INSTALL AND OPERATE IT. PGMS WILL BE FOR SEU/AF IN EG. GOVT APPROVED SITE ON SE COAST NEAR OLD EXXON REFINERY, FREE FROM OBSTACLES. OTHER LANGS PLANNED ARE FR, SP, PT (RAYMOND SLAGT, ARUBA, 1/7)

AUSTRALIA R AUSTRALIA TALKBACK REPORTED 21/6 ON HISTORY OF SWBC FROM LYNDHURST. STARTED IN 1927; IN 1954 INLAND SW SVC INTROED AND LAST YEAR RA CEASED USING LYNDHURST. FRI 12/6/87, FINAL CHAPTER WRITTEN. ON THAT DAY AT EXACTLY MIDNIGHT LOCAL VLR ANCD: "SW XMSN VLR IS CLOSING FOR THE LAST TIME. NEW TECH HAS CAUSED NECESSARY CHANGES TO ABC'S BCING ARRANGEMENTS. HOWEVER VLR LISTENERS MAY STILL RECEIVE ABC PGMS BY USE OF SATELLITE RX AND HI-FQ EXTL SVC. MANY TNX FOR YOUR INTEREST AND SUPPORT OVER MANY YEARS AND GOODNIGHT." AN HOUR LATER VLH WENT OFF THE AIR AS WELL. THE BC SVCS NO LONGER FROM SITE, STD FQ AND TIME SIG STN VNG, ON 4.5, 7.5 AND 12.0 MHZ, REMAINS ON THE AIR FOR TIME BEING (WBI 26/6)

KOMPAS, JAKARTA, REPORTED 19/6: ARMED FORCES COMMANDER GEN L B MURDANI SAYS HE WILL MAKE EFFORTS TO SOLVE THE ISSUE OF THE INDO GOVT'S RESTRICTION ON R AUSTRALIA TO ASSIGN ITS CORRESPONDENT TO INDO. SAID THIS WHEN HE MET DAVID HILL, DIR OF ABC IN JAKARTA EARLY THIS WEEK. SINCE JUNE 1980, GOVT HAS BARRED RA FROM ASSIGNING CORRESP TO JAK CAUSE RA'S NX REPORTS AT THAT TIME CONSIDERED ANTI-INDO. INDO GOVT REFUSED TO EXTEND STAY PERMIT OF WARWICK BEUTLER, THEN RA CORRESP, WHO HAD WORKED IN JAK 3 YRS. BEUTLER THEN LEFT FOR SINGAPORE, BUT SING GOVT ALSO REFUSED TO ALLOW HIM TO STAY THERE. BRIG GEN P DAMANIK, CHIEF OF INDO

ARMED FORCES INFO CENTRE, TOLD REPORTERS 18/6 THAT DAVID HILL HAD GONE TO SEE GEN MURDANI BECAUSE HE BELIEVED THE GENL WAS A KEY FIGURE WHO CAN SOLVE THE PROBLEM. DURING THE MEETING, GENL STRESSED HE WAS NOT THE ONLY PERSON THAT COULD DECIDE ON THE ISSUE AND IT WAS THE INDO GOVT'S PREROGATIVE TO DECIDE ON THE MATTER. HOWEVER, GEN MURDANI PROMISED TO HELP SOLVE THE LONG-STANDING ISSUE, WHILE EXPRESSING HOPE THAT ANY ABC CORRESPONDENT ASSIGNED TO INDO SHOULD 'BE WILLING AND ABLE TO UNDERSTAND US IN THE SAME MANNER AS WE UNDERSTAND OTHER PEOPLE'... (WBI 3/7) I.E., NOT TO BE AN OBJECTIVE JOURNALIST?? (GH)

RA TALKBACK REPORTED 5/7: AS OF 1/8, ABC METRO & REGIONAL STNS WILL OPERATE 24H A DAY. R NATIONAL THE ABC NATL NET WILL ALSO BE OFFERING A 24H SVC, BUT FROM 1/10. THIS WILL BE A VY IMPORTANT DAY FOR RA, AS WE'LL BE PROVIDING THE MIDNIGHT-TO-DAWN SVC ON R NATL, SO DOMESTIC LISTENERS ACROSS THE COUNTRY WILL AT LAST BE ABLE TO HEAR THE ABC'S INTL SVC (WBI 10/7) RA TALKBACK 12/7 REPORTED MORE ON THIS; PUBLIC-FUNDED BCING IS FACING YET MORE BUDGET CUTS AND A SVC SUCH AS RA FOR OVERSEAS OFTEN HAS LITTLE SUPPORT AT HOME. WE ARE CONSTANTLY HAVING TO JUSTIFY OUR EXISTENCE TO A TAX-HUNGRY GOVT AND THE OVER-TAXED ELECTORATE. RA DIR PETER BARNETT SAYS: TRYING TO DO THIS SINCE 1980. ACCOMPLISHED TNX TO DAVID HILL, TO AVOID XMTRS BEING IDLE. WILL START AT 1400 UTC; NO BASIC CHANGE IN RA PGMS AS RESULT OF NEW DOMESTIC AUDIENCE. ALSO, RA HAS BEEN INVITED TO JOIN THE 'CLUB OF FOUR' GROUP OF MIDDLE-LEVEL BCRS, WITH RN, SWEDEN, SWITZERLAND, RCI; TO MEET IN MONTREAL LAST WEEK OF AUGUST (WBI 17/7)

BULGARIA R HORIZON [sic], STOLNITR [sic], ON NEW 6760 [sic], 24/5 11-1130 BG SONGS, ANMT, ID (GERHARD BUTOW, AUSTRIA, DSWCI SWN) SHOULD BE R HORIZONT, STOLNIK, LISTED 7670; SEVERELY TEMPTED TO ATTRIBUTE THIS TO A 910 KHZ RCVR IMAGE, BUT WOULDN'T EXPECT THAT ON HIS FRG-7 (GH)

R SOFIA IN EG: 03-04 Af 11840 11735 9560. 0630-07 Eu 15140 11720. 1430-1530 Af 15310 11840 11735. 1730-1830 Af/Am 15310 11840 11735. 1830-19 Eu 11720 9700 6070. 2030-21 Eu/Am 11750 9700 6070. 2130-2230 Eu/Am 11720 9700. 23-24 Am 11720 9700. ALL ONE HOUR LATER IN WINTER (WBI 17/7) I AGAIN QUESTION PARTS OF THIS--LACK OF AM BC AT 03, AND CLAIM THAT 1730 IS PARTLY TO AM (GH)

BURMA BBS MAIN PGM, RANGOON: DAILY 0030-02 BM & 02-0230 EG 7185. 0330-07 BM & 07-0730 EG 9730. 0930-1430 BM & 1430-16 EG 5985 INCL NX 02-0210, 07-0710, 1445-15. BBS NATIONALITIES PGM, RANGOON, DAILY 1030-1445 4725 INCL BM NX FROM MAIN PGM AT 1330-1345. NATIONALITY PGMS ARE IN SHAN, KACHIN, KAYAH, SGAW KAREN, PWO KAREN, CHIN, MON, RAKHINE. TIMING AND SEQUENCE VARIES EVERY THREE MONTHS. MAYMO DEFENCE FORCES BCING UNIT, TAUNGGYI, 1030-1330 MULTILINGUAL DAILY ON 6570. (WBI 10/7)

BURUNDI NATIONAL R OF THE REP OF BURUNDI, THE V OF THE REVOLUTION, BUIJUMBURA. THE HF PGM IS THOUGHT TO BE A COMPOSITE OF THE TWO VHF/FM SVCS, CH 1 IN KIRUNDI AND CH 2 IN FR, SH, EG. 03-07(SUN 10) 3330, 10-16 6140, 16-21 3330. INCL EG NX 1145-12 & 1645-17 (WBI 3/7)

COSTA RICA La Nación, San José reported 15/6: A NEW SW STN THAT WILL BC PGMS TO PROMOTE PEACE IN THE WORLD WILL BE INSTALLED IN THE UNIV FOR PEACE. R FOR PEACE INTL WILL BEGIN OPERATING IN 2 MONTHS IN EG & SP, ALTHO LATER OTHER LANGS WILL BE BC. STN EQP WAS DONATED BY WORLD PEACE UNIV IN OREGON. WILL BE ON 7390 AND 15405 (WBI 26/6)

CUBA LTR FROM R REBELDE SAYS STN HAS PGM FOR DXERS DAILY EXC SUN AT 1:15 AM CUBAN TIME (I GUESS; 0515 UTC). TITLE IS MENSAJES DX. LTR IN SPANISH DOES NOT STATE LANG OF PGM, BUT I GUESS SP (MARLIN FIELD, MI) SW FQ BEING 5025. PGM IS DEDICATED TO DXERS AND LISTENERS OUTSIDE CUBA (MASSIMO CERVEGLIERI, ITALY, SWN) R MOSCOW INTERFERED WITH WHO AND KSL LAST NIGHT, ON 1040 AND 1160 KHZ, PRE-SUMABLY RETALIATING AGAINST R MARTÍ (CBS RADIO NEWS 22/7)

EGYPT EGYPTIAN R, CAIRO, REPORTED 21/6: AGREEMENT SIGNED W/CZECHOSLOVAKIA TO SUPPLY EQP TO REPLACE AND RENOVATE THE MIDDLE EAST RADIO'S XMTG STN AT ABIS, EFFECTING A 2.25-MW INCREASE. NEW EQP EXPECTED OPL IN MAR 1989. ME RADIO IS A COMMERCIAL SVC FROM CAIRO ON 774, CURRENTLY THOUGHT TO BE 500 kW (WBI 26/6)

FINLAND R FINLAND ANCD 1/7: FORN-LANG BCS OF FBC ARE AVL NOW ON NEW FM FQ IN GREATER HELSINKI; 103.7 MHz; CARRIES RELAY OF ALL FORN-LANG PGMS PRIMARILY BC ON PORI SW XMTR (WBI 10/7) R FINLAND ANCD 9/7: WE'D LIKE TO APOLOGISE

TO SW LISTENERS FOR CONTINUING BREAKS IN XMSNS DUE TO TECH DIFFS. IMPLEMENTATION OF A NEW XMSN SYSTEM AT PORI ON FINLAND'S WEST COAST IS STILL EXPERIENCING SOME DIFFICULTIES, ESPLY ON WEEKENDS. REGRET INCONVENIENCE (WBI 17/7)

GERMANY WEST DW HELLO FRIENDS THIRD 1987 ISSUE REPORTED: LAST YEAR TOO THERE WAS AN INCREASE IN VOLUME OF LISENERS' MAIL RCVD BY DW. TOTAL WAS 390,775, THAT IS 40,000 MORE THAN IN 1985. STEMMED MAINLY FROM RISE IN CORRESP FROM AFRICA, 160K VS 120K YEAR BEFORE. 85K FROM AS AND ALSO FROM EU[SIC, 85K EACH?]. ME SENT 26K, LAM 23K, NAM 15K. MOST STRIKING INCR IN MAIL VOLUME FROM AF WAS REPORTED BY SWAHILI SVC, 85K, 20K MORE THAN IN 1985. HAUSA ROSE FROM 19K TO 19K. EG 17K AND AMHARIC 6K ALSO CONSIDERABLY MORE. AS FAR AS LTRS IN EG FROM AF ARE CONCERNED, VOLUME FROM UGANDA AND NIGERIA DOUBLED TO 4K. ASIA: THO VOLUME OF MAIL TO HINDI, URDU, JAPANESE, BENGALI SVCS DROPPED SLIGHTLY FROM 1985. SUBSTANTIAL INCR IN LTRS IN EG 15K, INDO 20K. MOST OF THE LTRS IN EG FROM ASIA CONTINUE TO COME FROM INDIA. MAJORITY OF LTRS FROM NAM WERE FROM THE US, 6K IN GM, 3K IN EG (WBI 19/6) LEST WE FEEL TOO IMPORTANT, IT APPEARS NAM IS LEAST OF DW'S AUDIENCES; HOWEVER THE 6K AND 3K AT END STILL LEAVE 6K UNACCOUNTED FOR IF THE NAM TOTAL IS 15K AS ABOVE--HARD TO BELIEVE THAT MANY WOULD WRITE DW FROM NAM IN VARIOUS OTHER LANGS NOT INTENDED FOR NAM (GH)

DPA NX AGCY REPORTED 30/6: DW HAS NEW MANAGING DIR. CDU MEMBER HEINZ FELLHAUER (59) WILL BE TAKING OVER FOR 6 YEARS ON 1/7, FROM KLAUS SCHUETZ, SPD, WHO HAS BEEN DW HEAD SINCE 1/7/81 (WBI 3/7) & REMEMBER CHAS WICK IS REPUBLICAN DW ON NEW 6975 0144-0150 EG (DICK MOON, RSA, DSWCI SWN; LOGGED 12/5) &SSB?

GREECE VOG EG NX: 0130-0140 AM 9420 9395 7430 (NONE SHOWN ARND 0340). 0840-0850 EXC SUN AU 15625 9420. 1040-1050 EXC SUN AS 15630 11645. 1235-1245 AM 15630 11645 9855. 1540-1550 AM 11645, AND EXC TUE ON 17565 15630. 1840-1845 AF 11645 AND EXC TUE 15630 11610. 1920-1930 EU 9425 9395 7430. 2335-2345 AM 11645 9395 (WBI 26/6)

CYPRUS WEEKLY REPORTED 5-11 JUN: LOCAL RADIO STN OPD BY ATHENS CITY HALL WENT ON THE AIR THIS WEEK IN THE FIRST CHALLENGE TO A 50-YEAR-OLD STATE MONOPOLY ON BCING. "ATHENS 984" AIMS AT SERVING CITY AND SURROUNDING ATTICA AREA, WHERE MORE THAN 3.5 MILLION OF GREECE'S 10 MEGINHABITANTS LIVE. KIRIAKATIKOS RIZOSPASTIS, ATHENS, REPORTED 28/6 THAT PIRAEUS KANALI ENA (CH 1) BEGAN REGUL-AR BCING 26/6 ON 90.6 FM (WBI 3/7)

GRENADA CANA NX AGCY REPORTED 22/6: PM & MINISTER OF INFO HERBERT BLAIZE ANCD PLANS TO ESTABLISH A COMPANY TO RUN ISLAND'S LONE TV STN, DISCOVERY TV LTD. SHAREHOLDERS WOULD BE GOVT, AMERICAN NON-PROFIT ORG DISCOVERY FOUNDATION, AND THE PUBLIC. OPENED LAST FEB BY FOUNDATION. STN OFFLS SAID LACK OF FUNDS LED TO FAILURE OF STN TO COVER ENTIRE ISLAND AND PRODUCE MORE LOCAL PGMING (WBI 26/6) CANA REPORTED 24/6: GREN GOVT TODAY CONFIRMED RESIGNATION OF AM BCER LARRY UPTON AS MGR OF DISCOVERY TV; HAD TO DO W/DIFFS OVER EMPLOYMENT OF NCN-NATL ENGR AT STN. UPTON HAD HIRED ENGR FROM TRINIDAD & TOBAGO BECAUSE NO LOCAL QUALIFIED, AND COULD NOT AGREE TO TAKE BACK LOCALS. LAST WEEK, UPTON TOLD CANA HE WAS PURCHASING TWO REPEATERS TO ALLOW STN TO COVER ENTIRE ISLAND PLUS CARRIACOU AND PETIT MARTINIQUE (WBI 3/7)

CANA REPORTED 24/6: STATE-OWNED R GRENADA IS TO BE TURNED INTO A STATUTORY CORP WITHIN FOUR MONTHS, PER MGR GEORGE GRANT. WOULD GIVE STN MORE INDEPENDENCE FROM GOVT. RG HAD BEEN OPERATING FROM MAKESHIFT FACILITIES JUST OUTSIDE ST GEORGES SINCE 1983 WHEN STN WAS BOMBED DURING US-LED INVASION. GRANT SAID PLAN IS TO EVENTUALLY MOVE STN FROM PRESENT LOCATION, AFTER YEAREND. STAFF TOTALS 42. GRANT ALSO SAID BY NEXT WEEK HOPED TO RESUME BCING DURING 1-4 PM PERIOD (09-12 GMT) [sic!], DURING WHICH R GRENADA IS NOW OFF THE AIR - MX AND INFO W/ HIGHER CALIBRE OF ANCRS THAN CURRENTLY (WBI 3/7) CANA REPORTED 1/7: RG TODAY IS BCING ITS USUAL 16 HOURS FOR FIRST TIME IN TWO YEARS, PART OF IMPROVEMENT PGM, STAYING ON IN AFTN (WBI 10/7) 535 KHZ

GUAM RCVD FROM AWR-ASIA ON 6/7 WAS THE J87 ONE-TRANSMITTER SCHEDULE STILL, AS DESCRIBED IN JULY LN-19 (PAUL BUER, MIAMI FL)

FINAL S87 FQ REQUEST FROM KTWR, AGAÑA WAS RCVD 25/6, DELAYED BY CANADIAN POSTAL STRIKES, SEE NEXT PAGE. ALSO INCLUDED SPECIAL FQ REQUEST FOR SPL BCS CELEBRATING KTWR'S 10TH ANNIVERSARY ON THE AIR, SEPT 18, 19, 20 ONLY:

11805 (ALT 11715) 0645-08 TO ZONES 51, 55, 56, 58-60, AZIMUTH 165, 3-6 MM DISTANCE, 10A3 EMISSION, 100 KW; AND 9590 (ALTS 9780, 9840) 16-1715 TO 41, 49 AT 293 DEGREES, 3.8-7 MEGAMETERS DISTANCE, 10A3, 100 KW (RICHARD LEMKE, ST ALBERT, ALTA)

FINAL FREQUENCY REQUEST

STATION KTWR, AGANA, GUAM

SEPT. 1987 (S-87) SEASON (SEPTEMBER 6 1987 - OCTOBER 31, 1987)

SUMMER: September 6, 1987 - September 11, 1987

| FREQ (kHz) | NOTES | TIME (UTC) | TARGET ZONE | AZIMUTH (Deg) | DISTANCE (KM) | EMIS | POWER (KW) |
|---------------|-------|------------|----------------|------------------|------------------|------|---------------|
| 9515 | | 2145-2300 | 54 | 248 | 3000-5000 | 10A3 | 100 |
| 9585 | | 0845-1200 | 42-44 | 315 | 3200-4500 | 10A3 | 100 |
| 9590 | | 1145-1330 | 42-44 | 308 | 3200-4500 | 10A3 | 100 |
| 9590 | | 1315-1430 | 43,44,49 | 293 | 3200-4500 | 10A3 | 100 |
| 9590 | 6. | 1415-1615 | 41,49 | 293 | 3800-7000 | 10A3 | 100 |
| 9780 | 8. | 1145-1330 | 45 | 345 | 2300-4500 | 10A3 | 100 |
| 9820 | 1. | 1045-1200 | 45 | 345 | 2300-4500 | 10A3 | 100 |
| 9820 | 1. | 1145-1500 | 42-44 | 315 | 3800-7000 | 10A3 | 100 |
| 9870 | | 1315-1400 | 42-44 | 315 | 3800-7000 | 10A3 | 100 |
| 9870 | | 1345-1515 | 41,49 | 285 | 3800-7000 | 10A3 | 100 |
| 9870 | | 2100-2200 | 43,44,49 | 293 | 3200-4500 | 10A3 | 100 |
| 11665 | 3. | 0845-1200 | 42-44 | 290 | 3200-4500 | 10A3 | 100 |
| 11665 | 7. | 1145-1500 | 42-44 | 290 | 3200-4500 | 10A3 | 100 |
| 11715 | | 2045-2245 | 42-44 | 305 | 3200-4500 | 10A3 | 100 |
| 11735 | 2. | 0815-0900 | 23-25,33,34 | 350 | 3500-7000 | 10A3 | 100 |
| 11805 | | 0800-0930 | 45 | 345 | 2300-4500 | 10A3 | 100 |
| 11805 | 4. | 0915-1100 | 51,55,56,58-60 | 165 | 3000-6000 | 10A3 | 100 |
| 11840 | | 2045-2200 | 45 | 345 | 2300-4500 | 10A3 | 100 |
| 11850 | | 2145-2230 | 42-44 | 315 | 3200-4500 | 10A3 | 100 |
| 15240 | | 1015-1200 | 54 | 248 | 3000-5000 | 10A3 | 100 |
| 15420 | | 2245-2330 | 54 | 248 | 3000-5000 | 10A3 | 100 |

NOTES:

- 9820 has been used constantly by KTWR since February 5, 1985 when the FCC first approved this out-of-band frequency for broadcast use. KTWR anticipates using it in future frequency seasons.
- 11735 was used by KTWR from 0815-1430 from D-81 season to M-83 season, from 0830-1430 from M-83 season through M-85 season at that time propagation required moving to 31 MB. Propagation is now such that we used 11735 for part of the J-87 Season. In the J-87 Season Radio Pyongyang started using 11735 from 1000 UTC.
- 11665 was used in the J-87 Season by KTWR from 0845 to 1200 UTC. We would like to continue this use.
- 11840 has been used by KTWR 0900-1100 or 0830-1100 since the J-84 season. Prior to that it was used from 0900-1030 UTC. For propagation reasons it was vacated for the D-85 and M-86 seasons only. This was stated in the S-85 frequency usage report. In the J-87 Season Radio Japan started on the frequency so we have requested 11805 instead.
- Alternates: 9780 or use 9820 1415-1500 293 deg and 9840 1445-1630 285 deg.
- 11665 was used in the J-87 Season by KTWR from 0845 to 1200 UTC. We would like to continue this use and add to it 1145-1500 UTC. When the Tentative S-87 Request was completed we based our meterband selection on IG=23. Current predictions suggest IG=45-50 is more accurate. Consequently this meterband has been changed.
- Alternate: 9870

H O N D U R A S HRXK, LV DE LA MOSQUITIA, FINALLY REACTIVATED 4910.4 6/6, HRD FROM 2350 TUNE-IN UNTIL 0145* W/DECENT SIG, THO NOT NEARLY AS STRONG AS 4755 SANI R, THEIR COUNTERPART IN PUERTO LEMPIRA. PGM OF CAMPESINO MX AND GOSPEL HYMNS, MANY IDS ANCG 4910 KHZ. AT 0104 SYNDICATED GOSPEL PGM LV DE SALVACION IN SP BUT MUCH OF PGM FROM STUDIO WAS MISKITO. FEB 86, I RCVD QSL W/ POWER AS 300-500 W, APX, AND SIG HASN'T SHOWN ANY SIGNS OF POWER INCREASE. AUDIO STILL BAD, SCRATCHY, TOO MUCH TREBLE. I'LL BE SURPRISED IF THEY'RE STILL ON BY THE TIME THIS APPEARS IN SWN, HI (STEVEN H REINSTEIN, FL, DSWCI) SURPRISE: HRD 22/6 IN ITALY (DARIO MONFERINI, IBID)

H U N G A R Y HUNGARIAN R "KOSSUTH" 1st PGM IS ON SW 6025 AT 05-21 (WBI 3/7)

I N D I A AIR HOME NX IN EG EFFECTIVE 3/5: 0035-0040 ON 3925 4860. 0240-0250 594 3905 4860 9630(ex 7195) 9550 9610 11830 11890 15305. 0335-0340 ON 3905 4860 9630(ex 9550) 9610 11830 11890 15305. 0730-0735 7110 9610 9675 11=730 11850 11935 15125 15250 17705. 0830-0840 & 0850-0910 & 0930-0935 ON: 6050 7110 11850 15125 15250 11730=NEW 9610 17705=NEW. 1230-1235 ON 3905 7280 11870 9615 11620 15120. 1430-1435 3905 3925 4860 7160 7412. 1530-1545 ON 1134 3905 3925 4860 6160 7160 7412 9545 9950 10335. 1730-1735 ON 3925=NEW 4860 6160 7412 9950.

VIBIDH BHARATI SVC ON SW; COMMERCIAL SVC FROM MADRAS ON 7235 HAS SHIFTED TO 6120; COMPLETE SKED IS: 0125-04 9535. 0130-03 7260. 0630-07(SUN & HOLIDAYS FROM 06) 9750. 0830-10 [9750?], 0830-1015 & 1030-12 11830. 13-1445 9615. 1245-1730 6120.

AIR GAUHATI NEW FQ SKED AFTER SOME CHANGES; GAUHATI A: 0025-0145 & 1230-1741 ON 3375. 02-04 4940 ex-5970. 0630-09 7280 ex-5970. GAUHATI B: 0030-04 & 1030-1215 4775. 0630(SUN 06)-10 6130 ex-7150. 1230-1741 3235 (SUPRATIK SANATANI, CALCUTTA, INDIA)

I N D O N E S I A UNID ON 5982.6, -1807-1830. TALK AND SOME NATIVE SONGS; MAYBE SPL MORN SVC FOR RAMADAN BY RRI BIAK, LIKELY *1800; SIO 332 ON 3/5 (MA-SAO OIKAWA, SAITAMA, JAPAN, INDONESIAN DX REVIEW)

RRI AMBON EVE XMSN ON 4835 HAS MOVED TO 3241 TO 1500* FIRST NOTED 27/5 (HI-ROYUKI ISHII, TOKYO, IDXR) FOLLOWING RRIs BELONG TO NUSANTARA V NET DO NOT RELAY JAK NX AT 1200: TERNATE 3345, SERUI 4607, AMBON 4835, WAMENA 4871, NABIRE 5055 (IBID.)

INFO FROM RRI QSLs: CIREBON 2390: LTR AND PPC IN 45D AIR FOR SASE, v/s MOHAMED ALIBASYAH, KEPALA SEKSI SIARAN. 1 kW TCA XMTR INTO 30M HALF WAVE DELTA MATCH; ALSO HAS 864 KHZ, 107.3 AND 93.516 MHZ. PURWOKERTO 2470: PPC IN 55 DAYS AIR FOR SASE. LISTS POWER AS 1 kW FROM GATES XMTR INTO A T ANT ON 2370 [sic], 02-05, 08-19, 17-22 UTC. MW IS 756; ADDR JLN JENDRAL SOEDIRMAN 427. SEMARANG 3935: PPC IN 15D AIR FOR SASE. LISTS FQS AS 3935, 2450, 1770!. ADDR P O Box 74. UJUNG PANDANG 4719: CD IN 192D AIR (44D AFTER F/UP) FOR PPC=NOT USED, SASE/IRC. CLAIMS 50 kW INTO A QUADRANT ANT ON 4719. ADDR: JLN RIBURANE 3, KOTAK POS 3, UJUNG PANDANG, 90001 INDONESIA(GORDON DARLING, PNG, IDXR JUN)

I R A Q MONITORING 19-22 JUN: R BAGHDAD EG OBS 00-02 11705 NAM, 20-22 9875 EU (WBI 26/6)

I R E L A N D THE WELL-KNOWN R SOVEREIGN, WHICH WAS ON THE AIR IN LONDON SOME YEARS AGO WITH A GOLDEN OLDIE FORMAT, IS BACK FROM EIRE. TESTS FIRST HRD 8/6. SKED 04-16 DAILY ON 1521 MW WITH 1 kW AND 6240 'EUROWIDE' w/400W AND ALSO LOCALLY ON FM. ADDR IS P O Box 45, KETTERING, NORTHAMPTONSHIRE NN16 0MW, UK (MARCEL ROMMERTS, FRANCE, JULY DSWCI SWN) UNSEEMS ON FULL TIME YET (SWN ED)

I S R A E L V OF ISRAEL NETWORK B, SW SKED: 0358(SAT 05)-0615 13748 11655 11605 9385. 0615-12 17620 17555 15617 13748 9925. 12-14 17620 17555 15617 15095 13748 11585 9925. 14-1630 15617 15095 11585 9925. 1630-1830 15617 AND 9925. 1830-21 15617 15095 13748 11585* 9925* 9460. 21-2155 15095 13748 11585* 9925* 9460 9387.4 9385. 2155-2310 15095 13748 11585* 9925* 9385. ON SUNDAYS, MONDAYS AND TUESDAYS, 11585 AND 15095 OBS W/NETWORK A INSTEAD OF B AT 20-22. [BBC DOES NOT EXPLAIN WHAT THE ASTERISKS AFTER CERTAIN FQS MEAN]. V OF ISRAEL NET D IN AR, 0358-2215 ON 5915. NO STRANGE 2 MHZ SW FQS, OR ANY OTHERS, ARE SHOWN FOR IDF RADIO. AND: ABOVE TIMES ARE FOR WINTER-ALL ONE HOUR EARLIER DURING SUMMER TIME (WBI 26/6) DEAR MS: SUMMER IS NOW (GH)

JERUSALEM POST REPORTED 15/6: COMMS MINISTER GAD YA'AQOBI WILL BE IN WASH

18/6 TO SIGN AGMT ON VOA RELAY IN ARAVA. CABINET YESTERDAY APPROVED ADDITIONS TO THE PLAN, INCL US AGMT TO PROVIDE SOME \$16 MILLION FOR THE ARAVA'S DEVELOPMENT. THIS PAYMENT IS TO COMPENSATE FOR VOA'S EXEMPTION FROM LOCAL TAXES, WHICH HAD ELICITED PROTESTS FROM ARAVA SETTLERS. VOI REPORTED 23/6: POLAND HAS INFORMED ISRAEL THAT IF VOA XMTRS ARE SET UP IN ARAVA, POLAND WILL REGARD THIS AS A HOSTILE ACT. WARNED ISR AGAINST TAKING SUCH ACTIONS, WHICH GO AGAINST POLAND'S NATL INTERESTS (WBI 3/7) VOI REPORTED 14/7: COINCIDENT W/ARRIVAL OF SOV CONSULAR DELEGATION 3/7 IS MOSCOW'S DECISION TO STOP JAMMING VOI'S HEBREW-LANG BCS TO USSR. SOVIETS HAVE INTERFERED W/THE BCS SINCE 1972. HEBREW UNIV SOVIETOLOGIST MIKHA'ELA GURSKY BELIEVES THE MOVE MAY AMOUNT TO PART OF AN OVER-ALL NEW POLICY. VOI'S RUSSIAN, GEORGIAN AND BUKHARIAN XMSNS STILL JAMMED (WBI)

ITALY RE JULY LMI REPORT: NEW FQS FOR 14-1425 SVC 21560 17905 ARE DAILY, NOT SAT ONLY. PER INFO DIRECT FROM RAI EFFECTIVE 2/6, RCVD 10/7. ALSO AT 2230-0325 15385 REPLACES 15245 ON 240 DEGREE BEAM (BILL MATTHEWS, COLUMBUS OH)

JAPAN [CF JULY DXTRA] DALE PARK ALSO SENT US HIS QUERY ABOUT "JOB" TESTING. I DON'T SEE WHY THERE WOULD BE ANY REASON TO BELIEVE IT IS OUTSIDE JAPAN, OR TO BELIEVE IT IS RELAYING MW. R JAPAN HAS BEEN PHASING IN NEW XMTRS AT ITS OLD SITE, AND BACK IN PRE-THFBS DAYS WHEN SWBC STNS USED CALLSIGNS, JOB- WAS ONE OF THE PREFIXES OF RADIO JAPAN; I EXPECT IT STILL APPLIES, AT LEAST INTERNALLY TO ONE XMTR, OR XMTR POSITION (GH)

KYODO NX AGCY REPORTED 4/7: NHK INAUGURATED NEW SATELLITE TV BC SVC TODAY, 24H OF NX, SPORTS, MX. DBS CHANNEL ONE USES THE BS-2 SATL LAUNCHED IN 1984. MAIN PGMS INCL WORLD NEWS AND A DAILY NX PGM TOTALLING 11 1/2 HOURS, SPORTS SUCH AS US MAJOR LEAGUE BASEBALL, AND MX W/DIGITAL SOUND. PARABOLIC ANT AND A TUNER COSTING SOME 30 MYRIAYEN INCL INSTALLATION, ARE NEEDED TO RECEIVE THE BCS. (WBI 10/7)

KENYA THE STANDARD, NAIROBI, REPORTED 7/7: SIX VOK STUDIOS IN VARIOUS PARTS OF THE COUNTRY ARE IDLE DUE TO LACK OF TECHNICIANS TO RUN THEM, DIR OF BCING MR CORNELIUS NYAMBOKI SAID YESTERDAY. THE AFFECTED STUDIOS ARE IN NYERI, NAKURU, KITALE, WUNDANYI, KISII AND MACHAKOS. SAID 14 VOK XMTG STNS IN VARIOUS PARTS OF COUNTRY NOW FACED W/LACK OF QUALIFIED TECHS. APPEALED TO UNESCO AND OTHER DONORS TO PROVIDE MONEY FOR CRASH PGM TO TRAIN TECHS (WBI 10/7)

KOREA SOUTH EFFECTIVE 6/7, R KOREA'S REVISED EG SVC: EU 07 7550 AND 13670, 17 ON 15575, 1930 6480 15575. "AMERICA" 05 6060 9570, 13 9750 15575, 2230 15575. ME/AF 1930 7550, 15 9870, 10 15575. SEAS 13 9570. GENL 15 5975, 05 7275. NOTE THAT THESE CHANGES AND DELETIONS OF CERTAIN TIMES WERE ANCD ONLY FOR R KOREA'S ONE-HOUR BCS. THE ISSUE OF THE WORLD NEWS SVC BCS WAS NOT COVERED (BILL MATTHEWS, COLUMBUS OH, 3/7) RATHER AMAZING THAT THEY WOULD USE 49M AT 05 TO NAM IN THE SUMMER--THAT IS 2 PM LOCAL IN KOREA; EVEN IN WINTER AT 3 PM IT SHOULD BE MARGINAL (GH)

LEBANON AL SAFIR, BEIRUT REPORTED 20/6: THIS ISSUE CARRIES AD THAT RADIO SIGNAL (ARABIC: RADYU SINIAL) WOULD BEGIN BCING ON 94.0 MHZ FM STEREO 22/6; WOULD BC NX EVERY HOUR ON THE HOUR (WBI 26/6)

AL-ITTIHAD, HAIFA, REPORTED 13/5: THIS ISRAELI ARABIC LANG NXPAPER, ORGAN OF ISRAELI COMMUNIST PARTY, PUBLISHES FRONT PAGE REPORT CITING KUWAIT NX AGCY CORRESPONDENT IN SOUTHERN LEBANON AS SAYING PLO DISTRIBUTED LEALETES THERE 12/5. ASKED PALESTINIANS IN LEB TO TUNE TO PLO'S V OF PALESTINE, V OF THE PALESTINIAN REVOLUTION. SAID USES 1146 0730-1000. 16-18 DAILY LOCAL TIME (0430-07 & 13-15 UTC) (WBI 10/7) MONITORING 7-13 JULY: VOPVOPR (ARABIC: SAWT FILASTIN, SAWT AL-TAWRAH AL-FILASTINIYA) FOUND IN PROGRESS AT 1258 7/7 ON 1149 TO 1342*, SUBSEQUENTLY HRD 11-14 APX. SUPPORTS YASIR ARAFAT, THOT TO BC FROM ONE OF PLO CAMPS IN SOUTHERN LEB. A PRO-ARAFAT VOP STN LAST HRD IN 1983 FROM NORTH LEB. BUT AN ANTI-ARAFAT STN, IDED AS VOPVOPR, V OF NATIONAL UNITY, HRD MARCH TO AUG 1984 (WBI 17/7)

V OF LEBANON, ASHRAFIYAH, 24H ON 6550 873 93.2, INCL NX IN EG 09-0915, 1315-1330, 1815-1830. THE VOICE OF LEBANON, THE VOICE OF FREEDOM AND DIGNITY (ARABIC: SAWT LUBNAN, SAWT AL-HURRIYAH WA AL-KARAMAH) OPD BY PHALANGIST PARTY AND BCS FROM POWERFUL XMTRS IN ASHRAFIYAH IN THE CHRISTIAN SECTOR OF E BEIRUT. THOT TO HAVE BEGUN OPNS IN 1974, FIRST OBS 24-29 SEPT 1975. HRD AGAIN 22/1/76 BUT MAY HAVE BEEN SUSPENDED SOME TIME LATER. VOL HRD W/PGMS IN AR, FR, EG, AND AT ONE TIME ARMENIAN, IT, REGULARLY SINCE JAN 77. ANCS ADDR: P O BOX 165271, AL-ASHRAFIYAH, BEIRUT. DURING SUMMER TIME IN LEB ALL PGMS ONE HOUR EARLIER (WBI 10/7)

MADAGASCAR R MADAGASIKARA, 1930-2100* ON 3287.58 VARYING TO 3287.80, LOCAL MX, POP MX, INTL MX W/EG TEXT. ID IN FR 2100, "O RACEDA" & IS, s/OFF 11/7. ALSO IN MORN BUT TENT ON 2494 // 3287.70 WEAK 11/7 (ROLAND SCHULZE, FRGERMANY)

MALAYSIA R MALAYSIA, KL, REPORTED 21/6: GOVT WILL INCREASE VOM'S OVERSEAS RADIO BCS IN VIEW OF GROWING NUMBER OF MALS LIVING OVERSEAS. SUCH AN INCREASE IS IMPORTANT SO AS TO INFORM LISTENERS ON EVENTS IN THE COUNTRY AND CULTIVATE SPIRIT OF PATRIOTISM. INFO MINISTER DATUK MOHAMED RAHMAT SAID THE MOVE WILL ALSO HELP THE GOVT REDUCE EXPENDITURE DURING THE CURRENT ECONOMIC SITUATION BECAUSE THE SENDING OF PRINTED MATERIALS OVERSEAS IS COSTLY AND TAKES TIME. VOM'S OVERSEAS SVC WILL ALSO BE ABLE TO COPE WITH NEGATIVE FORN INFLUENCES, WHICH MAY TURN OVERSEAS MAL CITIZENS INTO ANTI-GOVT ELEMENTS. DATUK MOHAMED RAHMAT MADE THE REMARKS IN HIS SPEECH TO THE INDO UNIV ALUMNI ASSN IN KL (WBI 26/6)

MARSHALL IS WSZO, 16/5 0908-0920 ON 6070 IN MARSHALLESE, MICRONESIAN POPS (KENJI HASHIMOTO, JAPAN, DSWCI SW NEWS) ON LATER THAN USUAL (GH)

MEXICO MONITORING 1/7: XEW LV DE LA AMERICA LATINA, FROM MEXICO CITY ON 900 AND 540 MW, CURRENTLY ALSO HRD ON 15160 9515 6165, FQS WHICH HAVE NOT BEEN OBS FOR SOME MONTHS (WBI 10/7) PROBABLY PERIODIC TEST, & GONE AGAIN (GH)

MOZAMBIQUE R Moz, EMISSÃO INTERPROVINCIAL DE MAPUTO E GAZA, 1832-1925 ON NEW 3338.10, LCL MX AND SINGER GROUP, 1858 ID IN PT BY W, 19 M TALK IN VERNIS AND MENT MOZ; STRONG CRASHES AND SSB SPLATTER, AT 1925 SIG WENT DOWN 15/7 (ROLAND SCHULZE, FEDERAL REPUBLIC DE ALEMANIA)

NETHERLANDS ANTILLES (TWR VIA RICHARD LEMKE, ST ALBERT ALTA)

TENTATIVE "S87" 06 SEPTEMBER 1987 - 01 NOVEMBER 1987

| FREQ. kHz | MB | TIME-HORA UTC/GMT | TIME-HORA BONAIRE | DAY-DIA UTC/GMT | PWR kW | AZI DEG | ZONES-ZONA (ITU) | TARGET ALVO | LANGUAGE IDIOMA |
|-----------|----|-------------------|-------------------|-----------------|--------|---------|------------------|-------------|-------------------|
| 6145 | 49 | 0655-0930 | 0255-0530 | MON | 50 | 170 | 12-15 | | BRASIL PORTUGUESE |
| 6145 | 49 | 0725-0930 | 0325-0530 | TUE-SUN | 50 | 170 | 12-15 | | BRASIL PORTUGUESE |
| 6180 | 49 | 0100-0200 | 2100-2200 | DAILY | 250 | 327 | 11 | | CARIB. SPANISH |
| 9535 | 31 | 0300-0530 | 2300-0130 | SUN, MON | 50 | 327 | 6-8 | | N. AM. ENGLISH |
| 9535 | 31 | 0300-0430 | 2300-0030 | TUE-SAT | 50 | 327 | 6-8 | | N. AM. ENGLISH |
| 9535 | 31 | 0430-0530 | 0030-0130 | TUE-SAT | 50 | 285 | 10, 11 | | C. AM. SPANISH |
| 9535 | 31 | 0655-1030 | 0555-0630 | DAILY | 250 | 160 | 14, 15 | | S. AM. GERMAN |
| *9535 | 31 | 1030-1105 | 0630-0705 | DAILY | 250 | 148 | 12, 13, 15 | | BRASIL PORTUGUESE |
| *9665 | 31 | 0942-1100 | 0542-0700 | DAILY | 50 | 176 | 12, 14, 15 | | S. AM. SPANISH |
| 11815 | 25 | 1110-1257 | 0710-0857 | MON-FRI | 50 | 336 | 6-8 | | N. AM. ENGLISH |
| 11815 | 25 | 1110-1332 | 0710-0932 | SUN | 50 | 336 | 6-8 | | N. AM. ENGLISH |
| 11815 | 25 | 1110-1405 | 0710-1005 | SAT | 50 | 336 | 6-8 | | N. AM. ENGLISH |
| 15355 | 19 | 2325-2400 | 1925-2000 | DAILY | 250 | 160 | 12-16 | | S. AM. GERMAN |
| 15355 | 19 | 0000-0030 | 2000-2030 | DAILY | 250 | 160 | 12-16 | | BRASIL PORTUGUESE |
| 15355 | 19 | 0030-0045 | 2030-2045 | SUN | 250 | 160 | 12-16 | | S. AM. SPANISH |
| *15385 | 19 | 2155-0030 | 1755-2030 | DAILY | 50 | 176 | 12-16 | | BRASIL PORTUGUESE |
| *15385 | 19 | 0030-0218 | 2030-2218 | DAILY | 50 | 176 | 12-16 | | S. AM. SPANISH |

NICARAGUA V OF NICARAGUA ON 6015: 00-01 EXC MON EG INCL NICARAGUA TODAY NX AT 00-0010, 0045-0055; IN BETWEEN, MX AND NX ITEMS. MON-SAT 12-16 & 21-24 SP, INCL 10-MIN AQUI NICARAGUA NX AT 12, 13, 14, 15, 1550, 21, 22, 23, & 2348. NX ABOUT CENTRAL AMERICA WED & SAT 1215-1221, SAT 1345-1350, WED & SAT 1450-1455, MON-SAT 1528-1550. COMMENTARY MON-SAT 1235-1240. 3-MIN NX SUMMARY 1230, 1330, 1430, 1530. PGMS OF MX INTERSPERSED W/NX ITEMS AND LISTENERS LETTERS ARE CARRIED IN BETWEEN NX BULLETINS. ON SUNS, VON DS IS BC INSTEAD OF INTL PGMS, APX 12-24.

VON DS ON 6100=IRREGULAR, 780, 640, 620 AND FM: 24H, INCLUDING NOTICIERO REVOLUCIÓN NX & COMTRY TUE-SAT 03-0330 AND MON-SAT 12- 1230; CONTACTO 620 NX MON-SAT 18-1830. IN ADDN TO MAIN NX ABOVE, VON BCS NX ITEMS AT VARIOUS TIMES THRUOUT DAY. SUNS THIS SVC RELAYED IN PART ON VON ES FQ 6015. MAIN MW XMTR IS ON 620, 640 & 780 ARE REFERRED TO AS 'EMERGENCY' FQS. ON OCCASIONS THESE CHANNELS CARRY SEPARATE PGMS (WBI 17/7)

NIGERIA R NIGERIA, LAGOS, REPORTED 28/6: FROM 29/6, RN'S THREE NET NX PGMS FROM LAGOS WILL BE EXTENDED TO 30MIN EA ON ALL WEEKDAYS, TO INCLUDE VOICE REPORTS BY CORRESPONDENTS FROM VARIOUS PARTS OF THE COUNTRY + ANALYSIS. NO CHANGE ON WEEKENDS (WBI 3/7)

PERU R ANDINA, 4995.8 IS PART OF THE CHAIN EMISORAS CRUZ DEL PERÚ, INCLUDING ALSO R LV DE HUAMANGA, R LV DE NAZCA, R ANDAHUAYLAS AND R HUANCANELICA ON SW. CHAIN ADDR IS: OFICINA PRINCIPAL, VICTORINO LAYNES 1402, URB. ELIO, LIMA (PIERRE THEZE, FRANCE, JULY DSWC4 SWN) NOTE: Ps ARE OUT OF ORDER; SORRY -GH

PORTUGAL R RENASCENÇA, LISBON REPORTED 17/6: LOURES TV WAS FINALLY CLOSED DOWN BY POLICE TODAY. NEARLY ALL EGP OF LOURES REGIONAL TV (TRL) WAS CONFISCATED; POLICE HAD TRIED TO CLOSE IT DOWN TWO OR THREE TIMES BEFORE. TRL ALREADY HAD AUDIENCE OF ABOUT 400,000. BC NOT ONLY FILMS BUT SPORTS AND LOCAL INTEREST EVENTS DAILY; PRESTIGIOUS BRANDS ADVERTISED ON IT. IN REST OF COUNTRY ARE MORE THAN 50 PIRATE TV STNS, WHICH MUST BE MORE APPREHENSIVE NOW (WBI 26/6)

PAPUA NEW GUINEA RA MELBOURNE TALKBACK REPORTED 12/7: PNG'S 2ND COMMERCIAL TV SVC IS BACK IN NX. ON AIR DATE QUOTED IS 1/8 THO COMPANY IS CALLED MEDIA NEW GUINEA, TO BE KNOWN AS EM-TV. "EM" IN PIDGIN MEANS "THAT'S IT" OR "THIS IS IT" SO IT COMES OUR AS "THIS IS TV", OR "THIS IS WHERE IT'S AT". SOME FAIRLY INTERESTING PGMS ARE LINED UP, TO COMPETE WITH EXISTING STN NG TV NET..NTN HAS THE HEAD START. (GORDON DARLING, PNG, WBI 17/7) DARLING USED TO WORK FOR BBCMS IN CAVERSHAM (GH)

POLAND R POLONIA IN EG (DIFFERS SLIGHTLY FROM WRTH 87): 02-03 & 03-0355 AM 15120 11815 9525 7270 7145 6135 6095. 0630-07 Eu 15120 7270 6135. 12-1225 Eu 7285 6095. 1230-13 Af 15120 11840 9525. 14-1430 Eu 7285 6095. 16-1630 ON 9540 6135 Eu. 1630-17 Af 11840 9525 7125. 1730-18 Eu 9540 6135. 1830-1855 Af 11840 9525 7125. 1830-1855 Eu 7285 6135 5995 1503. 20-2030 Af 9525 7145 AND 7125. 2030-2055 Eu 7285 6095. 2230-23 Eu 7270 7125 6135 5995 1503.

POLISH FOR AM: 1130-1225 11840 9525, PGM FOR SEAMEN AT 04-0555 IS TO AM AS WELL AS EU/ME/AF ON 15120 11815 9525 7145 6095. MUSIC CONCERT 05-0530 Eu 7270 6135 5995 1503; 2305-2355 Eu 7270 7145 7125 6135 5995 1503 1260 1206 738 (WBI 3/7)

PANAMA R CONTINENTE REPORTED 9/6: AT THIS MOMENT (2102 UTC) PERSONNEL OF R CONTINENTE ARE SUFFERING FROM TEAR-GAS THROWN BY ANTI-RIOT PERSONNEL OF THE DEFENCE FORCES OF PANAMA (FDP) POSTED IN FRONT OF OUR STUDIOS. APX 400 PEOPLE HAVE TAKEN TO THE STREETS AND BLOCKED TRAFFIC. IMMEDIATELY PRIOR TO GOING OFF THE AIR, R CONTINENTE BC THIS MSG AT 2310 10/6: FRIENDS AND LISTENERS, OUR BC IS BEING AFFECTED BY ELECTRONIC (WORDS INDISTINCT) APPARENTLY BY THE MINISTRY OF GOVT AND JUSTICE. THIS IS WHY WE CANNOT CONTINUE TO BC INFO. EACH TIME WE TRY TO BC INFO ON WHAT IS GOING ON, OUR BC IS INTERFERED WITH, APPARENTLY BY TECHNICIANS OF THE FDP OR THE MGJ. YOU ARE HEARING THIS INTERFERENCE (WBI 19/6)

TELEMETRO TV REPORTED 10/6: WE BEGIN LIVE COVERAGE OF AN ATTACK ON THE STN'S INSTALLATIONS BY FORCES OF THE SPL ANTI-RIOT COMMAND OF THE FDP, BETTER KNOWN AS THE DOBERMANS. EXECUTIVE AND ADMINSTRATIVE EMPLOYEES AND REPORTERS OF CH 13 WERE BEATEN. THIS IS NOT CHILE, CUBA OR NICARAGUA. THIS FIRM WILL NOT PERMIT THIS TYPE OF ABUSE AGAINST THOSE OF US WHO HAVE THE SACRED DUTY OF REPORTING ON EVENTS IN THIS COUNTRY. (WBI 19/6)

LA REPÚBLICA REPORTED 19/6: "SUBVERSIVE STNS WILL BE SANCTIONED". RODOLFO CHIARI DE LEÓN, MINISTER OF GOVT & JUSTICE, HAS ORDERED A THOROUGH INVESTIGATION OF ALL PERSONS WHO USED R CONTINENTE AND R MUNDIAL ON 8/6, 9/6, 10/6. REQUESTED ATTY GENL'S OFFICE TO INVESTIGATE THE TWO STNS WHICH PLAYED A LEADING RÔLE IN DISTURBANCES CALLING FOR A REBELLION AGAINST THE CURRENT ADMINISTRATION. INCITING REBELLION IS PUNISHABLE BY 6 MONTHS OR 2 YEARS (WBI 26/6)

TELEVISORA NACIONAL REPORTED 7/7: AT 1700 6/7, GOVT ORDERED WELL-KNOWN RADIO STN R UNO SOBERANA ON 570 TO STOP XMTG. OWNED BY LUIS ANTONIO GASPAS SUARES SIERRA, WHO IS ALSO PRES OF THE PANAMENIST PARTY, A MEMBER OF THE NATL DEMOCRATIC UNION, THE RULING COALITION. THIS TV STN WAS NOT ABLE TO DETERMINE THE LEGAL CAUSE FOR THIS ORDER, OR SUAREZ' REAXION. R UNO SOBERANA HAS MAINTAINED A BEL-LIGERENT POSITION IN REGARD TO RECENT EVENTS (WBI 10/7)

EL SIGLO REPORTED 8/7: AT ABOUT 1730 7/7, FORMER NATL GUARD LT LUIS GASPAS "TOTI" SUÁREZ, PRES OF PANAMENIST PARTY, MACHINE-GUNNED THE INSTALLATIONS OF R DIEZ, WHICH HAD BEEN ORDERED TO CLOSE BY THE GOVT. SUÁREZ ARRIVED AT THE PREMISES AND BEGAN TO EXCHANGE INSULTS AND OBSCENITIES W/STN EMPLOYEES. DR CARLOS IVÁN ZÚÑIGA, STN OWNER, WHO IS ALSO PRES OF THE PEOPLE'S ACTION PARTY, WAS PRESENT. SUÁREZ CHALLENGED HIM TO COME OUT. ZÚÑIGA DID NOT COME OUT, WHICH CAUSED TOTI SUÁREZ'S COMPANIONS TO OPEN FIRE ON THE BLDG. THE NOISE OF THE SHOTS CAUSED ALARM AMONG THE NEIGHBOURS, WHO THOUGHT A CIVIL WAR HAD BROKEN OUT (WBI 17/7)

QATAR QBS ARABIC PGM, DOHA: 0245-07 9585, 10-1305 15395, 1305-1705 15265.7, 1705-2130 11820 (RAMADAN ONLY, ALSO 2130-0245 ON 11820) (WBI 10/7) QBS ON 15393.7, 15/5 1120, REE GRM (WOLFGANG BÜSCHEL, RHODES, DSWCI SWN)

SAUDI ARABIA KUNA NX AGCY, KUWAIT, REPORTED 1/7 FROM JIDDAH: 2ND PGM OF SAUDI RADIO HAS TODAY BEGUN XMTG V OF THE GULF COOPERATION COUNCIL (ARABIC: MAJLIS AL-TA'AWUN) FOR A PERIOD OF TWO MONTHS. SPA (SAUDI NXAGCY) SAID A PGM SKED HAD BEEN PREPARED WHICH BEGINS DAILY AT 1700 (1400 GMT) AND LASTS FOR TWO HOURS. SAID THE RADIO STNS OF THE GCC WERE PARTICIPATING IN PROVISION OF RADIO MATERIAL FOR XMSN (WBI 10/7)

SOMALIA R MOGADISHU, DS: 04(FRI 03)-05(FRI 06) & 09-21 ON 7200 IN SOMALI & ARABIC. R HARGEISA, DS: 10-1230 & 15-18 ON 7120 IN SM & AR; MAY USE 11639 AS ALT (WBI 17/7)

SOUTH AFRICA MONITORING 23/6: R RSA IN EG TO AF 0630-0730 NOW ON 17705 EX-7270, 11900, 9585, 5980. 21-22 EG EU HRD ON 9585 7270 5980 EX-11900 (WBI 26/6)

SPAIN REE IN EG W/NX, PANORAMA, SONG, TALK ON MOROCCO RELATIONS, SPANISH LANG COURSE, 00-0055* 23/4 ON 6175 (P DURYODHANA, SOMPETA, IDXCI ADXR MAY) STRANGE FQ FOR THEM, ERROR? (GH)

REE REPORTED 27/6: REE IS THE SECOND MOST LISTENED-TO SW STN PER SURVEY CARRIED OUT BY RADIO 4 (THE CATALAN NET) OF RNE ON ITS PGM FOR DX RADIO ENTHUSIASTS "THE OTHER RADIO". RN FIRST, BBC THIRD; THEN DW, SWEDEN, FRANCE. IN SOUTH AMERICA, REE IS 2ND AFTER BBC AND IN SAME POSITION AS RN [?]. IN EUROPE, IT IS IN 3RD PLACE AFTER R NETH AND R SWEDEN, AND PARADOXICALLY, AHEAD OF THE BBC (WBI 3/7) AN INTERVIEW W/GH (ONLY IN SPANISH) IS SCHEDULED TO APPEAR ON RADIO 4 PGM L'ALTRA RADIO, 3RD AND 4TH SUNDAYS IN SEPT (GH)

SRI LANKA LANKA PUWATH NX AGCY REPORTED 21/6: SLBC IN ITS 21/6 NX ANCD THAT JAPAN HAS AGREED TO GIFT 400 MEGARUPEES FOR DEVELOPMENT OF BCING HERE. WILL BE USED TO PURCHASE MODERN TECHNOLOGICAL EQP AND FOR MAINTENANCE AND REPAIR OF EXISTING EQP. GOVT WILL HAVE DISCUSSIONS W/JAPANESE EMBASSY OFFLS IN THIS REGARD. (WBI 26/6)

SUDAN R OF THE REPUBLIC OF SUDAN, OMDURMAN IS AUDIBLE ONLY ON MW 1296. THE FOLLOWING FQS HAVE BEEN USED IRREGULARLY IN PAST TWO YEARS: 11180, 9600, 5039, 576. SKED 04-22 (RAMADAN TO 23), BUT DUE TO POOR RECEPTION NOT CONFIRMED BETW 05 AND 15. INCLUDES PEOPLES ARMED FORCES PGM, IRR AT 1830 (WBI 3/7)

SYRIA R DAMASCUS ANCD 15/6 1720 IN V OF IRAQ PGM: "BROTHERS IN IRAQ! BECAUSE OF THE JAMMING OF YOUR RADIO, THE V OF IRAQ, BY THE FASCIST IRAQI REGIME, WE WOULD LIKE TO DRAW YOUR ATTN TO THE FACT THAT OUR XMSN TODAY IS COMING TO YOU ON THE 40 AND 24 MB. OUR XMSN TOMORROW WILL BE ON THE 31 AND 25 MBS." MONITORING 8-15 JUN: OBS SHOW THAT THE "V OF IRAQ" PGM IS CARRIED EITHER ON 11625, 9470 AND 828, OR ON 12085, 7355 AND 828 KHZ (WBI 10/7) FOR ALL INTENTS AND PURPOSES, THIS APPEARS TO BE A CLANDESTINE SVC, THO SITE IS OBVIOUSLY KNOWN, BUT BBCMS CONTINUES TO LIST IT UNDER SYRIA RATHER THAN IN CLAND SECTION (GH)

TAIWAN V OF FREE CHINA IN EG; SOME VIA WYFR. 02-03 As/Au/Am 15345 11860 11745 11740 9765 9680 7445. 03-04 As/Au/Am 15345 11745 9765 9680 7445 5985. 07-08 Am 5985.22-23 Eu/Au 17845 15440 15370 9955.

ALSO V OF ASIA XMSN IN EG DAILY: 02-03 As 7285. 06-07 As 7285. 1030-1040 As 5980 612. 11-12 As 7445 5980 612. 1530-1630 As 7445 5980 612 (WBI 26/6)

TANZANIA R TANZ, DeS REPORTED 26/6: PARLIAMENT TODAY CALLED ON GOVT TO IMPROVE NX MEDIA. MPs SAID THAT UNLESS NX MEDIA INSTITUTIONS IMPROVED, GOVT'S INTENTION TO USE THEM TO EDUCATE PEOPLE AND INFORM THEM OF DEVELOPMENT NX AND NX FROM ABROAD WOULD BE DEFEATED. MPs CALLED ON OFFICE OF THE PRIME MINISTER TO IMPROVE RELAY STNS OF RT SO THAT CITIZENS MAY BENEFIT FROM THIS IMPORTANT ORGAN. CITIZENS IN BORDER REGIONS SOMETIMES COMPELLED TO LISTEN TO RADIO STNS IN NEIGHBOURING COUNTRIES SINCE BCS FROM OUR STN NOT AUDIBLE (WBI 3/7)

R TANZ REPORTED 26/6: TANZANIA AND JAPAN SIGNED AGMT LAST WEEK FOR JAPANESE COMPANY MARUBENI TO CONSTRUCT RADIO RELAY STN FOR RT IN DODOMA [TANZ'S FUTURE CAPITAL CITY] DURING NEXT FINANCIAL YEAR. MARUBENI WILL SUPPLY AND INSTALL EQP AND CONSTRUCT BLDG TO HOUSE EQP. ALSO WILL BUILD AND EQUIP RT STUDIOS. PROJECT

WILL TAKE NEARLY 9 MONTHS TO COMPLETE, I.E. BY MARCH 1988 (WBI 10/7)

TRINIDAD & TOBAGO CANA NX AGCY REPORTED 18/6: T&T CABINET HAS SET UP TASK FORCE TO LOOK AT ESTABLISHING A TELECOMMS AUTHORITY WHICH WILL BE IN CHARGE OF SUPERVISING AND MONITORING ELECTRONICS BROADCASTING [sic]. WOULD HAVE POWER TO SUPERVISE AND REGULATE USE OF COUNTRY'S AIRWAYS W/SPL EMPHASIS ON NEW TECHNOLOGY INCL SATELLITE-RELATED. TO SUPERVISE AND REGULATE ALL SOUND AND VISUAL BCING IN T&T. TO LOOK AT PROPOSALS TO SET UP 2ND TV STN HERE; IN CHARGE OF GRANTING ALL RADIO & TV LICENCES. NOW TWO STNS IN COUNTRY ON RADIO, ONE TV ABOUT TO LEASE ITS 2ND CHANNEL FOLLOWING MOUNTING CALLS FOR 2ND STN (WBI 26/6)

U.S.A. SINCE 17/7, WORLD OF RADIO HAS AN ADDITIONAL TIME ON WRNO: UTC FRI 0200 ON 7355; AS LONG AS MAILS COOPERATE, THIS WILL GIVE LISTENERS EARLIER OPPORTUNITY TO HEAR NEW PGM EACH WEEK. ALSO WILL BE INSERTED AT VARIOUS UNSKED TIMES DIFFERENT DAYS BETW 15 AND 17 ON 11965, WHEN A REGULAR PGM IS CANCELLED. MEANWHILE, KCBI HAS CUT BACK TO SAT/SUN SKED ONLY FOR REST OF YEAR DUE TO COSTS, AND XMTR PROBLEMS SOMETIMES INTERRUPT WHAT REMAINS. WOR IS STILL SKED THERE SUN 1730 ON 11735. TO BE FULLY INFORMED, WITH LESS DELAY, ALL LN READERS SHOULD MAKE A HABIT OF MONITORING WORLD OF RADIO EACH WEEK. OTHER OPPORTUNITIES ARE: UTC SAT 0300 ON 6185, SAT 2330 ON 9852.5, SUN 1300 ON 9715, ALL VIA WRNO. ALSO IN CONNECTICUT ON FM: FRI 1300 UTC ON WHUS 91.7 STORRS, SAT 1930 UTC ON WPKN 89.5 BRIDGEPORT (GH)

U.S.S.R. MOSCOW EXTL SVCS SSB FQS: 08-09 RMWS 15680U. 09-11 RMWS 12055L. AND THAT IS ALL SHOWN BY BBCMS FOR ALL LANGS; THO SAME FQS ALSO APPEAR AT OTHER TIMES W/OUT SSB SUFFIX (GH, FROM WBI 29/5)

NEWS FROM MOSCOW FOR POLAR REGIONS, MON & WED 14-1430 IN RS ON 9490. TASS DICTATION-SPEED BC IN RS FOR TOWNS AND RAYON NEWSPAPERS, MON-FRI 06-08 ON 9850 9730 7420 7340 6770 5780 837 (WBI 10/7)

TASS REPORTED 25/6: IN ADDN TO SW, R MOSCOW TODAY STARTS MW BCS IN AR, SP, FR, GM, JP, AIMED AT A WIDE RANGE OF LISTENERS IN THE CAPITAL, INCL FORN TOURISTS, BUSINESS COMMUNITY AND STUDENTS. (WBI 3/7) RM NAM SVC REPLYING TO A LISTENER QUESTION 13/7: FOR ALMOST 10 YRS, RMWS IN EG AVAILABLE IN MOSCOW ON 918 KHZ MW. 25/6, ADDL XMTR PUT INTO OPN ON 963 FOR RM PGMS IN EG, FR, GM, SP, JP, AR FROM 06 TO 01 LOCAL. FOR FOREIGN EMBASSIES AND TRADE MISSIONS, TOURISTS AND SOV PEOPLE WHO STUDY FORN LANGS (WBI 17/7)

MONITORING 9-13 JULY: SINCE 9/7 R STN PEACE & PROGRESS BCS IN STD CHINESE, CANTONESE, SHANGHAISE AND MONGOLIAN HAVE BEEN DISCONTINUED. THIS REPRESENTS A REDUCTION IN TOTAL OUTPUT OF RSP&P FROM 138:30 TO 47:30 [WEEKLY]. ALL BCS AT THE FORMER RSP&P TIMES AND ON SAME FQS ARE NOW ANCD AS BEING ORIGINATED BY R MOSCOW ITSELF. AT SAME TIME, RM HAS STOPPED ANCG SEPARATE SVCS IN STD CH FOR "LISTENERS IN CHINA" AND "LISTENERS IN SE ASIA". THEY ARE NOW ANCD FOR "CHINESE LISTENERS" INSTEAD. FQS & TIMES UNCHANGED (WBI 17/7)

ESTONIAN R FIRST PGM: SUN UNON ON 5925 AT 0930-1630, DAILY 1630-21 (WBI 17/7)
R Leningrad new on UNLISTED FQ 15725, 1035-1047 IN RS W/ID AFTER BALALAIKA MX 11/7 SINPO 5 + 60 dB (ROLAND SCHULZE, FRG)

VATICAN AFP REPORTED 1/7: CACOPHONY DAWNED 1/7 AS VATICAN R BEGAN BCING ON 4 NEW FQS, OCCUPIED FOR A DECADE BY OTHER ITALIAN STNS. ITU GENEVA PLAN GAVE HOLY SEE 4 FQS ALREADY OCCUPIED BY EXTREME LEFT WING RED WAVES STN, THE ORGAN OF ITALY'S FAR LEFT R RADICAL, AND ITALY'S TWO MAIN COMMERCIAL STNS. CHAOS AROSE IN ABSENCE OF ANY ITALIAN LAW GOVERNING RADIO FQS, FOR WHICH PRIVATE STNS HAVE BEEN LOBBYING FOR TWO YEARS. VR SAID IT COULD DO NOTHING ABOUT THE SITUATION AND WAS RELUCTANT TO CHANGE FQS. RED WAVES AND R RADICALE SAID VAT COULD NOT CLAIM TO BE FORN STN AS IT BC TO ITALY FROM ROME, AND THEREFORE OUGHT TO PLAY BY LOCAL RULES (WBI 10/7)

YEMEN SOUTH RADIO OF THE PDRY, ADEN ON 7190 AND 5970: 03-06, FRI 06-11, DAILY 11-21, INCL V OF PALESTINE AT 1815-19; ARMED FORCES PGM 1430-15 DAILY. DURING RAMADAN, SKED IS: 04-06, 12-23 (WBI 10/7)

YUGOSLAVIA TANJUG NX AGCY REPORTED 17/6: R YUGOSLAVIA COLLECTIVE TO BE SUPPORTED TO IMPROVE PGMS TO FORN COUNTRIES IN 10 LANGS. NEW SW CENTRE NEAR BIJELJINA HAS BEEN GIVEN TRIAL RUN BUT IN CONFORMITY W/LAW ON MODERNISING RY, IT IS NECESSARY TO SECURE FUNDS TO MAKE CENTRE CAPABLE OF OPERATING AT FULL CAPACITY (WBI 26/6)

ZIMBABWE SUNDAY MAIL, HARARE, REPORTED 5/7: MEASURES ARE TO BE TAKEN TO IMPROVE RADIO AND TV RECEPTION IN THE LOWVELD AND THEREBY PROTECT ZIMBS FROM S AFRICA'S "INFO AGGRESSION" USING OUR OWN RADIO BAND. MINISTER OF INFO, POSTS & TELECOMMS, DR NATHAN SHAMUYARIRA, SAID THIS AFTER A TWO-DAY TOUR OF LOWVELD w/PTC & ZBC OFFLS TO TEST RADIO AND TV SIGS FOLLOWING COMPLAINTS OF POOR RECEPTION. FOUND ZIMB'S SIGS TO BE VY WEAK AND RSA'S VY STRONG IN THE AREA. MINISTER COMPLAINED THAT THE BOERS WERE USING THEIR STRONG RADIO SIGS TO BEAM PGMS FROM S AFRICAN RADIO AND R TRUTH TO THE AREAS IN THE LOWVELD WHERE RECEPTION WAS POOR OF ZBC. THEY PURSUED THEIR INFO AGGRESSION BY QRM-ING ZBC PGMS, THUS USING ZIMB'S RADIO BAND ILLEGALLY. COMRADE SHAMUYARIRA SAID QRM SO BAD IT WAS DIFFICULT TO RECEIVE ZBC NX. GOVT WOULD TAKE THIS SERIOUS MATTER UP w/ITU (WBI 17/7)

CLANDESTINE CRANNY R TRUTH [Cf JULY LN-29] R TRUTH REPORTED 20/6: AT THE COMINAC II CONFERENCE, THE CHIEF ZAMBIAN DELEGATE, MILIMO PUNABANTU, INDULGED IN SOME FLIGHTS OF FANCY. HE ACCUSED R TRUTH OF BCING IN NYANJA, SPOKEN IN EASTERN ZAMBIA. WE HAVE NEITHER THE STAFF NOR THE MOTIVATION TO XMIT IN VERN LANGS OF ZAMBIA. OUR BCS ARE CONFINED TO EG, SHONA AND SINDEBELE. WE CAN ONLY ASSUME THAT ELEMENTS IN ZAMBIA OPPOSED TO UNIP [UNITED NATIONAL INDEPENDENCE PARTY] HAVE SET UP THEIR OWN LOCAL BCING FACILITY... (WBI 26/6)

R TRUTH BCS MATERIAL HOSTILE TO PM MUGABE AND THE GOVT OF ZIMBABWE. IT WAS FIRST MONITORED CARRYING TEST XMSNS ON 10 MAR 1983. FIRST COMTRY HD 25/3/83. XMTR IS BELIEVED TO BE IN S AFRICA. SKED ON 5015: 04-0430 SHONA/NDEBELE, 0430-05 EG; REPEATED AT 17-1730 & 1730-18 RESP (WBI 3/7)

R VOICE OF ETHIOPIAN UNITY NEW STN XMTG IN AMHARIC HRD IN PROGRESS AT 1902 12/7. AGAIN FOLLOWING DAY ON 9660 FROM *1900; ANMTS INDICATE ADDL FQS IN 25 & 41 MBS FOR DAILY ONE-HOUR BC. GAVE INAUG DATE AS 8/7 AND SAID INTRODUCTORY STATEMENT'D BE REPEATED OVER NEXT DEKADAY. ADDED THAT RVEU IS ADMINISTERED BY THE ORG KNOWN AS ETHIOPIAN PEOPLE'S DEMOCRATIC ALLIANCE OR EPDA (WBI 17/7)

V OF THE LIBYAN PEOPLE MONITORING 26/6 TO 5/7: 26/6, VOLP, BCING PGMS HOSTILE TO GOVT OF LIBYA ON BEHALF OF NATL FRONT FOR SALVATION OF LIBYA, HRD ON 17960 AT 09-10. ALSO FOUND 1/7 IN PROGRESS ON SAME AT 1240-1315. THIS BC IS ANCD AS THE 2ND PGM (WBI 10/7)

V OF THE IRAQI PEOPLE MONITORING 15/6: STN BCING MATERIAL HOSTILE TO IRAQI GOVT IN SUPPORT OF THE IRAQI COMMUNIST PARTY, HRD 15/6 IN AR AT 14-1437 ON 7002 --DESCRIBED ITSELF AS 'THE V OF THE IRAQI PEOPLE, VOICE OF THE WORKERS, PEASANTS, REVOLUTIONARY INTELLECTUALS, AND ALL TOILERS; VOICE OF THE BRAVE PESHMERGA; VOICE OF THE HONORABLE SOLDIERS AND MILITARY PERSONNEL; VOICE OF ALL THOSE WHO ARE STRUGGLING TO ESTABLISH A BROAD NATIONAL FRONT TO TOPPLE THE FASCIST DICTATORSHIP AND REALISE PEACE AND DEMOCRACY FOR IRAQ AND A GENUINE AUTONOMY FOR KURDISTAN'. ALSO ANCD AS "VOICE OF THE IRAQI COMMUNIST PARTY" (WBI 26/6)

V OF IRANIAN KURDISTAN OF THE IRANIAN KURDISH DEMOCRATIC PARTY (KURDISH: AYRA DANGI KURDISTANI IRANA) FIRST HRD 13 OCT 1980. SUPPORTS THIS PARTY AND HOSTILE TO GOVT OF IRAN. FQS CHANGE CONSTANTLY TO AVOID QRM. SKED TO ME IN KURDISH ON 4630 & 4060 AT 0305-0430 AND 13-15 (WBI 3/7)

V OF THE FEDAI MONITORING 15-18 JUNE: STN HOSTILE TO GOVT OF IRAN AND SUPPORTS ESTABLISHMENT OF A PDR IN IRAN, CURRENTLY OBS 1630-1845 APX ON 4167. A REPEAT BC IS ANCD FOR 09 THO NOT HRD. BUT 16 TO 18 JUNE, A RADIO HRD IN PERSIAN ANCG AS "THE VOICE OF THE WORKER" (PERSIAN: SEDA-YE KARGAR) AND "THE VOICE OF THE IRANIAN REVOLUTIONARY WORKERS' ORGANISATION" RAH-E KARGAR (PERSIAN: SAZMAN-E KARGARAN-E ENGELABI-YE IRAN, RAHE KARGAR) AT 0315-0430 APX, ALSO ON 4167. 19/6, V OF THE WORKER TRACED AT SAME TIME BUT ON 4215. ANCS DAILY BC AT (2200) TEHRAN TIME (21630 GMT) ON 75M OR 4 MHz AND A REPEAT NEXT DAY AT 0630 TEHRAN TIME (0300 GMT). EVE XMSN NOT HRD SO FAR. PGM REVIEW 18/6 SAID: "THE FIRST PART WILL CONSIST OF NX, A TALK ENTITLED UNITE TO FIGHT AGAINST THE WAR IN ORDER TO ACHIEVE FREEDOM AND DEMOCRACY AND A TALK ON THE REACTIONARY IRAN-IRAQ WAR AND INTERNATIONAL EFFORTS TO END IT. 2ND PART WILL CONSIST OF PART THREE OF A TALK "WHO IS RULING US?" THEN PART TWO OF A TALK BY THE SECRET CELL OF WORKERS AND MESSAGES FROM THE ORG'S COMMUNICATIONS CENTRE..." (WBI 26/6) V OF THE WORKER PROBABLY IN EXISTENCE FOR SOME TIME; 03-0430 & 1630-18 ON 4215-4167 VARIABLE, IN PERSIAN, 2ND BC A REPEAT UNCONFIRMED (WBI 3/7) [MORE...]

V OF THE FEDAI ITSELF: RUN BY THE ORGANISATION OF IRANIAN PEOPLES' FEDAI GUERRILLAS (PERSIAN: SAZMAN-E CHERIKHA-YE FEDAI-I-YE KHALQ-E IRAN) (STN NAME IN PERSIAN: SEDA-YE FEDAI'I) FIRST HRD 28/1/85 THO REPORTEDLY OBS BY JAPANESE LISTENER IN DEC 1984. BCS PGMS HOSTILE TO GOVT OF ISLAMIC REP OF IRAN AND SUPPORTS ESTABLISHMENT OF A PDR IN IRAN. BCS START WITH PLAYING THE "INTERNATIONAL-AL". ADDR FOR LISTENERS' LETTERS: ACA, B P 43, 94210 FONTENAY-SOUS-BOIS, FRANCE. BELIEVED TO BE ASSOCIATED W/V OF THE WORKER [PREVIOUS PAGE.] FQS VARY CONSTANTLY TO AVOID INTERFERENCE. XMSNS OFTEN EXTENDED BEYOND ANCD TIMES. SKED IN PERSIAN 1630-1830 4167-4250v AND 3935v; REPEATED AT 09-0945 ON SAME (WBI 3/7) EVEN THO TWO XMSNS ARE FAR FROM SAME LENGTH? (GH)

V OF THE IRANIAN REVOLUTION (PERSIAN: SEDA-YE ENGELAB-E IRAN; KURDISH: AIRA DANGI SHURASHI IRAN) BCS PGMS HOSTILE TO GOVT OF IRAN. FIRST HRD 16/1/83. IT IS BELIEVED ASSOCIATED W/V OF THE COMMUNIST PARTY OF IRAN. FQS AND XMSN TIMES VARY CONSTANTLY TO AVOID QRM. 1330-15 IN KD & PS ON 4450v 3870v (WBI 3/7)

IRAN'S FLAG OF FREEDOM RADIO 15555, 1/7 0328 CARRIER ON BOTH THIS AND 9045; 0332 S/ON W/TONES AND IS OF 7 TONES AND HORNS. 15555 JAMMED WITH SWEEPER AND 9045 DOWN IN THE MUD, WEAK BUT ENOUGH TO KNOW IT'S // 15555. NO ID AND THEN MAN TALKING INTERSPERSED W/MX. 2/7 0330 IS ON 15555 AS ABOVE W/IDS IN VARIOUS LANGS: FARSI THEN EG AS ABOVE, FR, AND ANOTHER FARSI ID, INTO CHORUS; ONLY A SHORT AMOUNT OF PGMING BEFORE JAMMER GOT THEM (HANS JOHNSON, SAN ANGELO TX)

V OF UNITY V OF THE MUSLIM MUJAHEDS OF AFGHANISTAN HAS CHANGED 9905 & 9215. NOW NOTED FOR ITS 0130-0230 PGM ON 15685, 11490, 7580, ALL IN DARI. LATER INFO: 1530-1630 ON 15685 ONLY AND JAMMED BY AT LEAST TWO SOVIET JAMMERS, ONE OF WHICH IS "BR" (SUPRATIK SANATANI, CALCUTTA, MAY IDXC1 ADXR)

V OF THE CRUSADER (PERSIAN: INJA RADIO SEDAY-E MOJAHED AST) BCS ON BEHALF OF THE MOJAHEDIN-E KHALQ (CRUSADERS OF THE MASSES) ORG. HOSTILE TO KHOMEYNI AND GOVT OF IRAN. THO NOT OBS UNTIL NOV 1981, EXISTENCE FIRST MENTD JULY 1981 BY V OF IRANIAN KURDISTAN W/WHOM IT MAY HAVE SOME CONNEXION. SOME PGMS ARE ALSO BC IN KURDISH LANGS. SINCE JAN 1987, VOC OBS ON SEVL OCCASIONS DURING THE 17-20 PERIOD ON 1539 AND 1431 KHZ, FQS WHICH ALSO CARRY PERSIAN SVC OF R BAGHDAD. THEY WERE LAGGING BEHIND THE HF CHANNELS BY SEVERAL SECS. FQS VARY CONSTANTLY TO AVOID INTERFERENCE. VOC BCS FOR ALMOST 20Hr DAY THO EXACT XMSN TIMES AND FQS ARE HIGHLY VARIABLE: 03-23 ON 7110 5960 4450 3920 3510 (WBI 10/7)

RNMN INTERVIEWED MOJAHEDIN SPOKESMAN ABOUT BCING OPNS 2/7: THE IRANIAN COUNCIL OF RESISTANCE IS A EUROPEAN-BASED UMBRELLA ORG OF THOSE GROUPS STRONGLY OPPOSED TO THE REGIME OF AYATOLLAH KHOMEYNI. CURRENTLY CARRYING OUT A VERY STRONG MEDIA CAMPAIGN IN WEU TO DRAW ATTN TO WHAT THEY SAY ARE VY SERIOUS VIOLATIONS OF DEMOCRATIC FREEDOM IN IRAN. KARL JOSEPH SPOKE TO ALADDIN TOURAN, A REP OF THE PEOPLE'S MOJAHEDIN, THE MAIN OPPOSITION GROUP, AND ASKED HIM IF THEY HAD THEIR OWN SW CLAND STN TO REACH LISTENERS INSIDE IRAN.

(TOURAN) OF COURSE WE'VE GOT OUR OWN RADIO, R MOJAHED, WHICH XMTS 18 HOURS OVER 24 HOURS [SIC] ALL OVER IRAN. IT IS BASED IN IRAQ, IN IRAQI FRONTIER REGION. PUTTING ACROSS MSG OF THE LEADER OF THE RESISTANCE, MR RAJAVI, AND NX WHICH IS CENSORED IN IRAN. WE'VE GOT PUBLICATIONS INSIDE THE COUNTRY WHICH WE SMUGGLE INSIDE THE COUNTRY, AND ARE PUBLISHED INSIDE THE COUNTRY, GIVING FQS & HOURS OF BC. IRANIAN PEOPLE HAVE TRADITION OF LISTENING TO RADIOS OF RESISTANCE FOR MANY YEARS. SO THEY HAVE NO TROUBLE FINDING THE MOJAHED'S VOICE. OF COURSE, PEOPLE CAUGHT LISTENING TO THE BCS ARE SUBJECT TO PUNISHMENT AND IMPRISONMENT, EVEN EXECUTION. THERE ARE CASES. PEOPLE HAVE BEEN EXECUTED MERELY FOR LISTENING TO OUR RADIO. BUT EVEN THO, PER OUR STATS, IT IS THE MOST LISTENED-TO RADIO IN THE COUNTRY (WBI 10/7)

V OF TAMIL EELAM OPERATED BY TAMIL EELAM COMMUNIST PARTY, ANCD AT 1400 A FEW DAYS AGO THAT IT WILL BC NX ITEMS FROM BBC, R MOSCOW AND R AUSTRALIA. HRD 0430-0530 & 1330-1430 IN 41 MB. NO INFO CAN BE HRD FROM V OF THE LTTE SINCE THEY BC ONLY FOR SL TAMILS. THE VOTE BY COMMUNIST PARTY OF SRI LANKAN TAMILS SUFFERS NO JAMMING EXC OCCASIONAL JAMMING OF NX FROM VOTE BY SLBC (N TAMILALAGAN, MAY IDXC1 ADXR)

V OF BURMESE PEOPLE BURMESE COMMUNIST PARTY STN OPS PRESUMABLY FROM CHINA ON 5110v 1230-1330 IN BM. JAMMER ON FQ WHICH IS DIFF FROM TYPE OF JAMMERS USED BY BURMESE AUTHORITIES A FEW YRS AGO WHEN STN WAS ACTIVE IN 41MB (SUPRATIK SANATANI, CALCUTTA, MAY IDXC1 ADXR)

V OF NATIONAL SALVATION, OF THE SOUTH KOREAN NATIONAL DEMOCRATIC FRONT, FAVOURS REUNIFICATION OF KOREA FROM THE NORTH KOREAN POINT OF VIEW. FIRST HRD 26/8/70, OPD UNDER NAME V OF THE REVOLUTIONARY PARTY FOR REUNIFICATION UNTIL 15/8/85 WHEN IT CHANGED TO PRESENT NAME (KOREAN: KUGUKUJ SORI PANGSONG). XMTRS BELIEVED TO BE IN N KOREA. DURING SUMMER TIME IN SK, PGMS WILL BE ONE HOUR EARLIER THAN SHOWN: 20-2230 & 03-05 ON 4557 1053. 10-14 & 15-1630 ON 4557 4120 1053. ALL IN KOREAN (WBI 1777)

R CAIMAN 9960, ANTI-CUBAN REGIME CLAND AT 23-02, REGULAR SIDS, NO QTH, ID "R CLARIN...", 0200 ID R CLARIN. SINPO 34422 [sic] (SALVATORE PLACANICA, ITALY, JULY DSWCI SWN) ¿REALLY? STN HAS BEEN RELIABLY PLACED IN GUATEMALA. THO THERE WERE SEVERAL 11600S INTERVENING IN THIS BY-FQ LOGGING LIST IN SWN, I WONDER IF AN 11700 LOGGING WAS SOMEHOW INADVERTENTLY MERGED W/THIS ONE (GH)

VOZ POPULAR 6950, ANTI-GUATEMALA GOVT NEW STN, HRD 13/6 PER CALL FROM KRONE. VY WEAK AND DEFINITELY NOT R VENCEREMOS XMTR. SEEMED GENERATOR WHINE SO PERHAPS FROM REMOTE SPOT. ON AT *0017 W/BRIEF MX, WOMAN W/OPENING ANMT, MARIMBA AND MAN TALKING OVER MX, 0020-0044 M&W TALKING ALTERNATELY IN SP. ON PHONE TO DEXTER 0044 AND GONE OR LOST 0048 WHEN I RETURNED TO THE RX (DON JENSEN, NU VIA JULY DSWCI SWN) PRESUMABLY UTC SAT ONLY; TRACES OF TALK AUDIBLE IN SAME PERIOD HERE 18/7 BUT TOO MUCH UTE QRM (GH)

Q S L B L A C K L I S T Re Mr HAMILTON'S QSL BLACKLIST IN JUNE LN-33: PATIENCE, PATIENCE. IT TOOK 10 YEARS OF FOLLOW-UPS TO VERIFY R GAMBIA, AND 12 YEARS OF REGULAR REPORTING HAS YET TO PRODUCE AN ANSWER FROM LV DU ZAIRE HERE. HAVE YOU QSLD MALI YET? ONLY TOOK 10 YEARS FOR ME TO DO THAT. YOU MAY WISH TO DO THE FOLLOWING WITH YOUR REPORTS:

- 1) USE ONLY 22¢ FLAG STAMPS. THE BLANDER, THE BETTER, AS SOME POSTAL WORKERS IN SOME THIRD WORLD COUNTRIES COLLECT US STAMPS THE EASY WAY.
- 2) ENCLOSE A COVER NOTE WITH YOUR REPORT. RESTATE YOUR REQUEST FOR A QSL.
- 3) ENCLOSE A SMALL GIFT. I USUALLY SEND A PACKAGE OF USED US STAMPS. THIS LOOKS GREAT, AND ADDS VERY LITTLE WEIGHT TO THE REPORT.
- 4) BE VERY SPECIFIC WITH YOUR DETAILS.
- 5) NEVER GIVE UP. EVENTUALLY, ONE OF YOUR REPORTS WILL GET AN ANSWER. REMEMBER, PATIENCE. (GERRY BISHOP, CLARK AB, PHILIPPINES)

P U B L I C A T I O N S DX LISTENING DIGEST HAS LOTS MORE DX NEWS, VERY LITTLE DUPLICATION, IN FORMAT SIMILAR TO LN. EACH ISSUE ALSO INCLUDES ENJOYING RADIO A TECHNICAL / PHILOSOPHICAL FORUM EDITED BY DAVID NEWKIRK.

REVIEW OF INTERNATIONAL BROADCASTING, COMPANION PUBLICATION TO DXLD, CONCENTRATES ON PROGRAMMING AND OPINION; ALSO REGULAR COLUMNS RADIO EQUIPMENT FORUM AND SATELLITE WATCH BY LOREN COX. LATEST ISSUE #119 EXPOSES "SCANDAL AFTER SCANDAL" AT VOA. SAMPLES OF EACH ARE \$2; 5-ISSUE SUBSCRIPTIONS \$10 EACH, 10-ISSUE SUBSCRIPTIONS \$20 EACH, OR BOTH FOR \$38 (NAM RATES ONLY; IN US\$ ON US BANK OR POSTAL MONEY ORDER). ORDER FROM GLENN HAUSER, Box 490756, FORT LAUDERDALE FL 33349 (GH)

DXLD HAS BEEN VERY HELPFUL (BILL FLYNN, NEWARK CA) THANKS FOR THE SAMPLE OF DXLD. I HAVE REALLY ENJOYED IT. I WAS VERY IMPRESSED WITH IN-DEPTH AND COMPLETE COVERAGE. BASED ON WHAT I HAVE READ SO FAR, I HAVE NO HESITATION WHATSOEVER TO SUBSCRIBING TO DXLD AS WELL AS RIB (JOE KURODA, WILLOWDALE ONT)

I MUST TELL YOU HOW MUCH I ENJOY, AND LEARN FROM, EVERY ISSUE OF BOTH RIB AND DXLD. SINCE I AM RETIRED, COMMUNICATIONS IN GENERAL AND SHORTWAVE RADIO IN PARTICULAR PLAY A VERY IMPORTANT PART IN MY LIFE. THAT IS WHY I AM SO VERY GRATEFUL TO YOU FOR PUBLISHING BOTH RIB AND DXLD (MICHAEL C BYRNE, QUEENSLAND)

I ENJOYED THE SAMPLE BACK ISSUES A LOT. YOU CERTAINLY ARE THE BEST SOURCE OF INFO BOTH IN PRINTED WORD AND ON THE AIR. I APPRECIATE YOUR EFFORTS VERY MUCH--CERTAINLY IS FASCINATING! (BOB BROWN, KW3F, LANSDALE PA)

WORLD BROADCASTING INFORMATION PUBLISHED WEEKLY, BY THE BBC MONITORING SERVICE, THE WBI GIVES UP-TO-DATE NEWS ON DEVELOPMENTS IN WORLD BROADCASTING INCLUDING:

- * DETAILS OF THE DIFFERENT PROGRAMME AND FREQUENCY SCHEDULES.
- * BROADCASTING BEHAVIOR AND TECHNICAL DEVELOPMENTS.
- * ACTIVITIES OF CLANDESTINE AND UNOFFICIAL BROADCASTERS.

FOR MORE INFORMATION WRITE TO: SUBSCRIPTIONS OFFICE, BBC MONITORING SERVICE, CAVERSHAM PARK, READING, RG4 8TZ, BERKSHIRE, ENGLAND. [COST IS 350 POUNDS PER ANNUM, OVERSEAS POSTAGE EXTRA] (BBC MS)

...UNTIL THE NEXT, 73 DE GLENN

QSL REPORT

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

ALASKA: KNLS 5960 two f/d cds. in 42 ds. w/ stickers and schedule. (MacHarg-IN). f/d cd. in 11 ds. for ms. (Archer-NC).
ANGUILLA: Caribbean Beacon 1610 p/d "Studio Building" cd. in 172 ds. v/s Gareth Hodge, Station Manager. (MacHarg).
ARGENTINA: RAE 9690 f/d "Logo" cd. w/ personal note in 89 ds. for a SP rpt. and 1 IRC. Stamps and schedule rcvd. (Brouillette-IL).
ARMENIAN SSR: Radio Moscow 17875 via Yerevan f/d "Bolshoi Theatre" cd. in 1 mo. (Wallace-MA)...Nice seeing you once again at Kaps...Sam.

РАДИО МОСКВА
RADIO MOSCOW
 Dear Mr. Rigas,
 This verifies your report on the reception of Radio Moscow's broadcast in Russian
 Date 6.1.87
 Time 21.25 UTC
 Frequency 5015 Khz via Archangelsk
 Best wishes from Radio Moscow

ASCENSION ISLAND: VOA 15285 f/d "Challenger" cd. in 1 1/2 wks. for ms. (Wallace).
ASIATIC RUSSIA: Radio Moscow 13605 via Petropavlovsk-Kamchatsky f/d cd. in 6 wks. (Wallace).
AUSTRALIA: Radio Australia 17795 via Shepparton f/d "Vineyard" cd. w/ sticker and schedule in 16 ds. (Levison-PA). 15345 and 17795 f/d "Sheep Station" cd. w/ sticker, calendar and schedule in 16 ds. (Brouillette). VLR6 6150 f/d ltr. in 71 ds. v/s Noelene Groves, Programme Schedules Clerk. (D'Angelo-PA). VL8A 2310, VL8T 2325 and VL8K 2485 f/d ltr. in 9 mo. for ms. v/s Karen Kane. (Lare-MI).
AUSTRIA: Radio Austria International 6155 f/d "Rural Costumes from Walser Valley" cd. in 53 ds. w/ schedule. (Levison) Station has beautiful cards...Sam.

РАДИО МОСКВА
RADIO MOSCOW
 Dear Mr. Rigas,
 This verifies your report on the reception of Radio Moscow's broadcast in Russian
 Date 5.1.87
 Time 20.35 UTC
 Frequency 5.930 kHz via Murmansk

AZERBAIJAN SSR: Radio Baku 4785 f/d paper cd. in 166 ds. Pocket calendar and postcard rcvd. (D'Angelo).
BANGLADESH: Radio Bangladesh 15525 f/d ltr. w/ n/d cd. of "Girl at the waters edge" in 3 mo. after a f/ up rpt. v/s Kazi Rafique, Assistant Director. (Eckert-PA). f/d form ltr. w/ n/d "Tiger" cd. in 40 ds. (D'Angelo).
BHUTAN: Bhutan Broadcasting Service

* 6035 f/d "Mask Dances" cd. #025 w/ letter and schedule in 110 ds. (with apology for the delay!!) v/s Louise Dorji. (Bishop-PHIL)...Great! Rcvd. personal ltr. from Mr. Sanguey Tenzing, Deputy Director w/ info about the station. (Bryant-OK).

BOLIVIA: Radio Illimani 6025 and 4945 p/d form ltr. in 126 ds. for a SP rpt. and 1 IRC. F/up rpt. required. v/s Carmelo de la Cruz Huanca. (Schmitz-FRG).



BORNEO: RRI Samarinda 6135 p/d ltr. in IN in 37 ds. for * EG/IN rpt., US \$1.00 and used stamps. v/s Drs. Supo Surardi. (Bishop).

BRASIL: Radio Cultura 17815 p/d ltr. w/ stickers in 48 ds. (MacHarg). Radio Araguaia 4905 f/d prepared cd. in 24 ds. for a PT rpt. and 1 IRC. v/s Paulo Magno. QSL for Araguaia arrived from Radio Anhanguera which is head station of the cadena. (Schmitz).

"Traditional Native Dress" QSL card from Radio Kiribati. Sent to us from Richard Davis. Shades of FZI-Brazzaville!

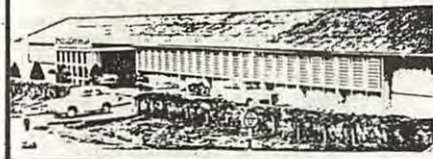
KIRIBATI QSL CARD
 Special award certificate acknowledging the listener's strong faith
 Photo © Bernard
 Dear _____
 This is to verify your reception report of Radio Kiribati (Station T31) from 1940...00Z until 1940...00Z, on 11 3 1987 at our regular frequency 1620K/12
 Date 9/4/87
 RICHARD E DAVIS
 117 COLORADO DRIVE
 PORTALES, NEW MEXICO
 88130.
 U S A.
 Ed. Risher
 Engineer-in-Charge
 Radio Kiribati



RADIO DEMERARA

GUYANA BROADCASTING CO. LTD
THE VOICE OF GUYANA.

Via Al Meick



CAMEROUN: Radio Nacional 4850 f/d ltr. in 1 mo. for ms. v/s James Achanyi Fontem. (Eckert).
Radio Bafoussam 4000 f/d personal ltr. in 11 wks. for ms. v/s v/s above. (Rugg). Radio Garoua 5010 f/d personal ltr. in 11 wks. same v/s as above. (Rugg).
CANADA: CHU 3330 n/d "Sir Sanford Fleming" cd. in 90 ds. (Washburn-ME). CFRX 6070 f/d cd. in 14 ds. v/s Joan McClay. (Levison). RCI 5960 "Olympics" cd. in 2 wks. (Dillon-MD). same f/d cd. in 15 ds. (Lare-MI).
CHAD: Radio Moundou 5286 p/d form ltr. in 518 ds. for a FR rpt. and 1 IRC. v/s Maimos Jacques. (Schmitz-FRG).
CHINA, PEOPLES REP. OF: Sichuan PBS 5900 via Chengdu p/d "Baoguang Si" cd. in 8 mo. Also * rcvd, program schedule. Reply was rcvd. direct from station. (Orcutt-CA).

BRASIL: Radio Nacional Manaus 4845 f/d form ltr. in 11 wks. for a PT rpt. and ms. v/s Eudson Monterio Lima. (Rugg-PQ).
Radio Bras 15265 f/d "Recife" cd. in 43 ds. for a PT rpt. Schedule rcvd. v/s Nara Ferreira, Correspondence Service. (Levison)
Radio Nacional de Rio 9705 p/d personal ltr. in 43 ds. for a PT rpt. and 1 IRC. Rcvd. schedule in German! v/s Gaby Herta Einstoss. (Schmitz).
BULGARIA: Radio Sofia 9700 f/d cd. w/ schedule in 219 ds. (Levison).
BYELORUSSIAN SSR: Radio Moscow 11745 via Minsk f/d "Rowing Canal" cd. in 2 mo. w/ rpt. forms and schedule. (Wallace-MA).

CLANDESTINE: Radio Iran 9400.2 p/d ltr. in * 1 yr. for an EG rpt. to the Paris address. (Palmerheim-MN).
COLOMBIA: Radio Cadena Nacional Bogota 6160 p/d ltr. in 143 ds. for a SP rpt. and US \$1.00 v/s Antonio Pardo Garcia, Gerente Nal. de Produccion. (George-NC).
COSTA RICA: Radio Lira TIASD 15460 f/d cd. in 5 mo. w/ schedule and tourist info. for ms. (Wallace). TIFC 5055 p/d green cd. w/ globe pennant in 283 ds. for a taped rpt. and ms. This after one f/up rpt. (Kashiwabara-CA).
CUBA: Radio Moscow 6000 via Habana f/d "Sherry Lynn poster" cd. in 3 1/2 mo. (Wallace). 11840 f/d cd. in 2 mo. (Palmerheim).
CYPRUS (Turkish North): Radio Bayrak 6150 p/d

SUD WEST RADIO
 via Al Meick QSL
 Datum 14. März 82
 Uhrzeit 1037-1047 UTC
 Frequenz 6280 KHz
 Ihre Bemerkungen über unsere Sendungen sind uns stets willkommen. Ihren weiteren Empfangsberichten sehen wir mit grossem Interesse entgegen.
 best 73s
 POWER 30-35 watt
 ANTENNA Lambda 1/2 Dipol

* ltr. w/ folder cd. in 1 mo. for used stamps. v/s D. Ozer Berkem. (Bishop-PHIL).
DJIBOUTI: Radio TV Djibouti 4780 f/d white "Logo" cd. in 145 ds. for a FR rpt. and 2 IRCs.
DOMINICAN REP: Radio Discovery 15045 f/d cd. w/ schedule in 7 ds. for (Van Horn-FL).
 US \$1.00 v/s Jeff White. (Van Horn). f/d "Palm Tree/Antenna" cd. in 8 ds. for ms. (Arch-er-NC).
ECUADOR: Radio Cultural Antena Libre 3240 f/d prepared cd. w/ personal ltr. er-NC).
 In 25 ds. for a SP rpt. and 1 IRC. v/s Luis Velasco Leon, Director. (Schmitz). Radio Centinela del Sur 4890 f/d form ltr. in 196 ds. after many f/up rpt. in SP for 1 IRC. v/s Marcos G. Coronel Velez. (Schmitz). HD210A 7600 p/d cd. in 157 ds. w/ brochure and sticker. (D'Angelo). 3810 "Sundial" cd. via registered mail in 5 mo. for ms. (Wallace).

| | | | |
|----------------------------|---|--|--|
| <p>MASK DANCES, BHUTAN</p> | <p>BHUTAN BROADCASTING SERVICE</p> <p>QSL CARD NO. 025 RECEPTION CONFIRMED BY BHUTAN BROADCASTING SERVICE FOR:— 28 FEBRUARY 1987 6035 KHz 1926-2020 BST IN MANILA</p> | <p>P.O. BOX NO. 1 THIMPHU, BHUTAN</p> <p>TX: 5KW FOLDED DIPOLE DAILY IN THE 49 METRE BAND 6035 KHZ MONDAY TO SATURDAY 1700-2000 HRS BST SUNDAY 1200-1500 HRS BST BST=GMT-6</p> | <p>via our man Bishop in the Philippines</p> <p><i>Louise Duff</i> FOR BHUTAN BROADCASTING SERVICE DEPUTY DIRECTOR</p> |
|----------------------------|---|--|--|

RADIO MALAYSIA KOTA KINABALU, SABAH

Kota Kinabalu, 28th April, 1987

Dear Sir,

Your reception report on our transmission on .4970..... KHZ/MHZ

on .15th April,.....1987, is hereby acknowledged and confirmed.

Yours faithfully,

[Signature]
Director of Broadcasting,
Radio Malaysia Kota Kinabalu,
Sabah, Malaysia.

P.K. 1359 (Lihau)



Mr. Kirk S. Allen,.....
2237 Jane St.,.....
Panca City, OK.....
74601, U.S.A.....

EL SALVADOR: Radio El Salvador 9555 f/d ltr. promising QSL cd. at a * later date in 45 ds. after a f/up rpt. in SP. This was in 1962 ds! for 1 IRC. v/s Luis Aparicio H., Director. (Archer-NC).

EUROPEAN RUSSIA: Radio Moscow 6075 via Tula f/d cd. in 1 mo. (Wallace)
GERMANY, FEDERAL REP. OF: Sudwestfunk 7265 f/d cd. w/ several different stickers in 69 ds. (Levison).

GRENADA: Radio Free Grenada 15045 * n/d ltr. in 15 ds. for several IRCs and US \$1.00. v/s Jerome McBurnette. (Paszkievicz-WI).

GUAM: KSDA 11980 f/d "Trumpet" cd. w/ sticker and AWR numbered in 30

ds. for a taped rpt. and ms. (Kashiwabara). f/d cd. in 2 wks. for ms. Pennant, sticker and schedule was rcvd. (Orcutt-CA).

GUATEMALA: Radio Maya de Barillas 3525 f/d "Warrior" cd. w/ red and white pennant and station badge in 62 ds. for a SP rpt., tape and 2 IRCs. (Kashiwabara). Radio Mam 4825 f/d form ltr. in 62 ds. for a SP rpt. and ms. v/s Jose Benite Ramos, Director. (Van Horn)

HONDURAS: Sani Radio 4755 f/d "Map" cd. in 2 wks. after a f/up rpt. and ms. (Wallace).

INDIA: AIR Calcutta 4820 f/d "Hoysalesvara Temple" cd. in 69 ds. v/s H.O. Agrawal. (Bishop).

JAPAN: JJJ 15000 f/d cd. in only 6 ds! for 2 IRCs. (one was returned) (Wallace).

JORDAN: HKBS 7155 f/d cd. * after 5 yrs. of trying! This in 1982 ds. for 2 IRCs. (Archer-NC). You just made the deadline on this QSL Rowland. The Statute of QSL Limitations is 2000 ds! Hi!...Sam.

KAZAKH SSR: Radio Moscow 9875 via Alma-Ata f/d "Hotel" cd. in 6 wks. (Wallace). 13795 f/d cd. in 2 mo. (Palmerheim).

KIRGHIZ SSR: Radio Moscow 15140 via Frunze f/d "Railway" cd. in 6 wks. (Wallace).

KIRIBATI: Radio Kiribati 14802 f/d "National Scout Camp" cd. in 55 ds. for used stamps.

This was on my 7th try over 5 yrs! v/s Mrs. T. Paeniu. (Bishop).

KOREA, REPUBLIC OF: Radio Korea 15575 f/d "Expressway and Fan Dance" cds. in 25 ds. for 1 IRC. Also rcvd. sticker, pennant and schedule. (Brouillette).

LAOS: Lao National Radio 7385 via Savan- * nakhet f/d cd. in 82 ds. for a FR rpt. * and 3 IRCs. (Davis-NM). 4658 via Houa Phan f/d cd. in 2 mo. for a VN rpt. after previous rpts. in FR and EG yielded nothing. (Orcutt).

LIBERIA: ELWA 4760 n/d cd. in 39 ds. v/s Justyn Tokoh, QSL Clerk. (D'Angelo). VOA Monrovia 3990 f/d "White House" cd. in 4 mo. (Lare-MI).

LIBYA: Radio Jamahiriya 7245 f/d cd. in 50 ds. via Malta office. for ms. (Rugg).

MALAGASY REPUBLIC: Radio Nederland 9540 f/d "Hilversum" cd. in 67 ds. (Washburn-ME).

MARSHALL ISLANDS: WSZO 4940 p/d form ltr. in 16 ds. (D'Angelo). f/d ltr. in 12 ds. v/s Peter Boon. (Archer-NC).

GREETINGS TO LISTENERS
Q. S. L. CARD
SRI LANKA BROADCASTING CORPORATION
COLOMBO 7, SRI LANKA

Confirming your reception report of our transmission on frequency.....9720..... KHZ in the.....31..... Metre Band at.....14:30 - 15:15..... hrs. GMT on.....18.01.1987.....

Thank you for your report.

Yours sincerely,
[Signature]
Director - Audience Research

Date: 11-02-1987

POST CARD

Mr. Richard D'Angelo,
2216 Burkey Drive,
Wyomissing, PA 19610,
U. S. A.

Monsieur Kirk ALLEN
2237 Jane St.
Panca City, OK 74601
U. S. A.

Monsieur,

Nous confirmons votre rapport d'écoute établi sur le programme de la Voix du Zaïre du 8 Mars 1986, de 23h.28 à 00h.10 heure de Kinshasa soit 22h.28 à 23h.10 UTC (00-00) dans la bande de 19 mètres sur 15.245 KHz.

Les détails que vous fournissez sur le programme suivi, ce jour là, sont conformes au conducteur d'émission de notre Station.

Nous vous remercions pour l'attention que vous avez portée en écoutant la Voix du Zaïre et du résultat de votre rapport d'écoute.

Veillez recevoir, Monsieur, l'assurance de nos sentiments distingués.

LE DIRECTEUR DES PROGRAMMES RADIO,

ATIPAN WYAT-NOO.



QSL

Verification Card

Station The Voice of Peace

To Richard A. D'Angelo

This is to confirm your reception of our transmission dated
20 February '84 0402-0437 hours UTC on a
frequency of 7.740 MHz with 400 watts.

Signature & Official Seal Alan W. Martin, D.J.

C/o WPCR,
28, Lower Main Street,
Buncrana,
County Donegal,
IRELAND.

15th January 1984

Dear Richard,

Thanks very much for your reception report for the voice of Peace on 7.740 MHz. Your report is correct and I enclose your PFC with signature.

I left the Voice of Peace in October last year and since then I've been working on radio stations in Ireland - firstly Radio North in Carndonagh, and at present at North West Community Radio, Buncrana (NWCR). That's why your letter took a while to find me!

This typewriter is not too good so I'll keep this letter short. Best of luck with your DX'ing!

NAMIBIA: SWABC 3295 f/d cd. w/ sticker and pamphlet in 5 mo. for ms. (Rugg). f/d "Desert" cd. w/ sticker in 5 mo. after a f/up rpt. for US \$1.00 (Kashwabara). same in 145 ds. for 2 IRCs. (Brouillette-IL).

NEW BRITAIN: Radio West New Britain 3235 ltr. in 49 ds. for SASE and ms. v/s Simon Muraga, Provincial Station Manager. (Rippel-VA).

NEWFOUNDLAND: CKZN 6160 f/d "CBC" cd. in 25 ds. v/s R. Knowles, Manager of Regional Engineering. (Archer).

NIGERIA: FRCN 4770 via Kaduna f/d form ltr. in 69 ds. for 1 IRC. v/s Yusuf Garba. (Buer-FL).

PAPUA NEW GUINEA: Radio Western Highlands 3375 p/d ltr. in 20 ds. for ms. v/s Esau Okole, Station Technician. (Davis). Radio West Sepik 3205 f/d ltr. in 98 ds. for ms. v/s Gabriel Deckwalen, Station Manager. He stated that the former v/s Luke Lumbo is now station manager at Wewak. (Cones-VA).

PERU: Radio San Martin 4810 n/d personal ltr. in 3 mo. for a SP rpt. and ms. Pennant rcvd. v/s Jose Roberto Chong, Gerente. (Palmerheim). p/d cd. w/ personal ltr. for a SP rpt. and ms. (Dillon). Radio Union 6115 f/d "Logo" cd. in 120 ds. after a f/up rpt. in SP w/ ms. v/s Gonzalo Iwasaki Sanchez, Gerente. (Van Horn).

PHILIPPINES: VOA 15425 via Poro/Tinang f/d "White House" cd. in 2 wks. for ms. (Wallace).

ROMANIA: Radio Bucharest 9510 "Folk Costume" cd. in 57 ds. w/ schedule. (Levison).

SRI LANKA: VOA 15250 via Colombo f/d "White House" cd. in 1 wk. after sending back a copy of a cd. w/ Poro listed as the wrong site. Also sent a copy of their frequency schedule page which listed this site as Colombo. I rcvd. yet another Poro cd! It took two additional f/up rpt. each asking for an explanation as to why I was not getting an answer. What a mess! (Wallace-MA).

SUMATRA: RRI Banda Aceh 4955 p/d ltr. in 24 ds. for an EG/IN rpt. and used stamps. v/s S.H. Rosakim. (Bishop-PHIL).

SYRIAN ARAB REP: Radio Damascus 9950 f/d "Logo" cd. via registered mail in 137 ds. for an AR rpt., EG rpt., and a tape. Station patch was rcvd. (Hardester-PA).

TADZHIK SSR: Radio Moscow 7115 via Dushanbe f/d "Rowing Canal" cd. w/ calendar and postcard in 2 mo. (Wallace)

TAHITI: RFO/Radio Tahiti 11825 f/d cd. in 2 mo. for a FR rpt. (Rugg).

TAIWAN: Voice of Asia 5980 f/d "Indigenous Dancers" cd. w/ red "Tiger" pennant in 61 ds. for 2 IRCs. (Kashwabara). 7445 f/d cd. in 2 mo. for 2 IRCs. Pennant, schedule and postcards were rcvd. (Palmerheim).

TIBET: Xizang PBS 4035 f/d ltr. in 207 ds. for an EG rpt. (Schmitz).

TUNISIA: Radio TV Tunisienne 7310 p/d ltr. in 2 mo. * after 6 tries for a FR rpt., 2 IRCs and a taped rpt. v/s Mongi Chaffai, Director General. (Palmerheim). 17610 p/d ltr. in 1 mo. for ms. This was after a f/up rpt. (Eckert-PA).

via John Sgrulletta



via Frank Orgutt

LAO NATIONAL RADIO

UKRAINIAN SSR: Radio Vilnius 7165 via Kiev in 3 mo. Pennant rcvd. (Wallace)... Don't ever remember seeing it this way before... Sam. Radio Moscow 9735 via Simferopol f/d cd. in 2 mo. (Palmerheim). 9685 via Vinnitsa f/d cd. in 2 mo. (Palmerheim).

USA: WCSN 7365 n/d "Christian Science Center" cd. w/ schedule in 2 mo. for ms. (Wallace). same in 86 ds. for ms. (Buer-FL). n/d cd. in 86 ds. for ms. (Davis). cd. in 1 mo. (Dillon). cd. w/ schedule and station information in 19 ds. (Van Horn-FL). 11855 n/d cd. in 3 mo. for ms. (Palmerheim). 7355 n/d cd. in 85 ds. for ms. (Paszkiwicz-WI).

THE VOICE OF THE PEOPLE OF CAMBODIA
PHONIN PENH - KAMPUCHEA

PEOPLE'S REPUBLIC OF CAMBODIA
IMPEREUCHE-PEACE-PROGRESS-SUPREMACY

TO Mr JOHN SCRULLETTA
Rural Route #1, Box 128
Mahopac, NY 10541
United States of America

We acknowledge that your reception report
dated OCTOBER 27, 1985 at 12:45-13:17 GMT
on SEPTEMBER 3, 1986 at 12:05-12:15 GMT
on _____ kHz or _____ meter band fully corresponds

with our station log. Your further reception reports with remarks or suggestions to our programs would be highly appreciated.

With all our best wishes



KGEI 15280 f/d "Golden Gate" cd. in 37 ds. v/s Jesus C. Elizondo. (Washburn). VOA 15375 via Delano f/d "Challenger" cd. in 2 wks. (Wallace). 11950 via Dixon f/d "White House" cd. in 1 wk. for ms. (Wallace). 17800 via Bethany f/d cd. in 10 ds. (Wallace).

VENEZUELA: Radio Yaracuy 4940 f/d prepared cd. in 90 ds. for a SP rpt. and ms. (Cones-VA). Radio Capital 4850 f/d EG/SP cd. w/ sticker in 26 ds. for a SP rpt., tape and ms. v/s Manuel Correa,

Gerente de Produccion. (Kashiwabara). f/d cd. in 6 wks. for ms. (Wallace). Radio Occidente 3225 n/d ltr. in 126 ds. for a SP rpt. and ms. v/s Berta Puente A. (Cones). La Voz de Carabobo 4780 p/d form ltr. in 15 ds. for a SP rpt. and ms. (Paszkiwicz). Radio Occidente 3225 n/d ltr. in 113 ds. for a SP rpt. and ms. (Paszkiwicz).

YUGOSLAVIA: Radio Yugoslavia 9620 f/d "Church of * the Holy Virgin" cd. in 779 ds. (Archer).

ZANZIBAR: Radio TV Zanzibar 11734.4 f/d prepared * cd. in 1 mo. for 2 IRCs. This after 3 tries. (Palmerheim).

Dear listener -

We thank you for your report and are pleased to confirm that you have heard Radio Norway

9690 on 9605 kHz on 29...05...89 date month year

9690 was heard near Suez, Amman, etc.

9605 was transmitted from Uruguay.

via Richard D'Angelo

Sincerely yours,

Richard D'Angelo
RADIO NORWAY
OSLO, NORWAY

That's it for this month. Good DXing.

Had a great time at Kaps house on the 12th. Meet several old friends and a few new ones. Kap, did you get the impression of the door removed from your forehead?...Sam.

Sam

John Eckert in Collegeville, PA informs us that he has just QSLed his 100th country. It took 2½ years to confirm Cameroun. A total of 9 reports were mailed - none of which were received by Mr. Fontem. Congratulations!... Sam. Harold Levison received a well illustrated booklet from Sudwestfunk Radio in Germany. The publication outlines all of their network stations. Peter Dillon in Colombia, MD recently managed to upgrade his amateur radio license to technical class - N3PNE. Unfortunately, he can't get his transceiver to work. Peter also informs us that TWR publishes a magazine with some fairly interesting articles. For a copy write to: TWR, P.O. Box 98, Chatham, NJ 07928. Werner Rutsch in Switzerland says if you have a problem obtaining a f/d QSL from SRI send your reports directly to: PTT, Technische Direktion, Speichergasse, CH-3000 Berne... Thank you. Harold Cones informs us that the Great Circle Shortwave Society is a publication trying to reach the old WPES. It is a very interesting publication with many fine articles written by the "old-timers". If you are interested write to Harold at: 2 Whits Court, Newport News, VA 23606. Ken Kashiwabara in CA says that conditions are terrible - what else is new! He has 44 reports outstanding along with several follow up reports. Also received some interesting correspondence from Tom McElvy in VA.





FRIENDS LOG REPORTERS

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

CONTRIBUTORS LIST **** AUGUST 1987 ISSUE **** DEADLINE = 12th OF MONTH

Raymond BAUERNHUBER, Rosedale, NY. (ICF2010); Gerry BISHOP, Clark AB, Phillipines, (FRG8800/ICF2001); Norman BOBB, Minneapolis, MN. (R1000/R600/XCR30); Dustin BRANN, San Leandro, CA. (ICF2010); Paul BROUILLETTE, Hoffman Estates, IL. (R71A); Paul BUER, Miami, FL. (SPR4); Kenneth COBB, Portland, ME. (R71A/S40A); Richard D'ANGELO, Wyomissing, PA. (R70); Peter DILLON, Columbia, MD. (DX400); William FLYNN, Newark, CA.; Michael HAWK, Hampton, VA. (ICF6800W/GE World Monitor); GERALYN HOLLERMAN, Huntsville, AL. (DX302/DX65); Hans JOHNSON, San Antonio, TX. (R71A/RF2200); Rufus JORDAN, Pittsburg, PA. (DX302/Zenith TransOceanic); Harold LEVISON, Philadelphia, PA. (R70); Dale PARK, Honolulu, HI. (ICF6700W); Sheryl PASZKIEWICZ, Manitowoc, WI. (NRD515); Wally RHYNE, Gastonia, NC. (R71A/R1000); Daniel SAMPSON, Black River Falls, WI. (R1000/DX400); Jim SHAVER, Roseburg, OR. (ICF2010); Raymond SLAGT, Aruba, W.INDIES (FRG8800/R2000/ICF7600/DR28); David SWARINGEN, Huntersville, NC. (R70/RF2200); John TUCHSCHERER, Neenah, WI. (R70/FRG7700); Jim UERLINGS, Klamath Falls, OR. (NRD525/SPR4/ICF2001); Eric WITZIG, Annandale, VA. (R1000/Zenith "Big Black Dial"); Philip WORDB, Austin, TX. (R5000) ****

Here we are at the end of another month my friends. Not too bad a turnout for the summer month and as noted, by loggings received here, lots of good activity being heard on the higher frequencies and yet the lower ones are still pretty active as well.

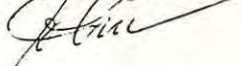
I trust that all who have had the chance to travel to ANARCON will have had a very enjoyable time and reveled in the gracious company of others who also share our grand hobby.

Yours Truly has finally been returned to active duty with the Police Dept. that I work for and I can honestly say that nothing makes my day more enjoyable than getting up in the morning and having someplace to go and do some real work, sure beats sitting around the house playing "Mr. Mom" hihi.

Some interesting items-of note perhaps, first off, Log A Editor Mike Harris has compiled an article concerning his travels to the EDXC Convention in Finland. Regular Contributor Raymond Slagt of Aruba will be the house guest of mine for awhile in August with arrival scheduled for Aug. 14th. We will try and show Raymond the Historical Sites of Metropolitan Boston as well as some of the interesting locations that relate to Radio Hobby. Contributor Gerry Bishop should be trying to settle into his new duty station in Florida by the time this sees print. Old Time Contributor Norman Bobb is getting a taste of Summer Fun, his Daughter and Son in Law have taken Norman out of Minneapolis and set him up with a nifty listening post at their Summer home at Lynwood Lake where Son in Law has strung two nice longwire antennas for Norman to use, seems that Norman loves the idea, especially the nice peaceful scenery and quiet reception location. Norman uses his Wadley Barlow RX at the Lake listening post. Log C editor Joe Freeborn has been out at Camp Perry with his Coast Guard Pistol Team, I trust that Joe and his fellow guardsmen all shot straight and true and came home with a load of trophies. There are of course other items and I could go on for pages, however it will have to suffice to wish one and all the very best during all their summer activities. We look forward to having one and all back here in print in the fall.

That is all from here this month my friends. Looking forward to seeing you all again in 30 days time. OH Yes, PLEASE CUT THOSE LOGGINGS INTO USEABLE STRIPS, my scissors are getting dull from so much cutting my friends !!!

Warmest Regards





LOG REPORT

section A

2000 to 4899 kHz

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

- 2540 DOMINICAN REP. RTVD. 0120. SS. Major League Baseball game. (17/6 Slagt-ARUBA)
- 3205 INDIA. AIR Lucknow. 1725. IN. Local mx, AIR ID & IS. (30/5 Bishop-PA)
- 3266 INDONESIA. RRI Gorontalo. 1130. IND. YL w/pop music pgm, ID 1158. (31/5 Bishop-PA)
- 3280 ECUADOR. LV del Napo. 0058. SS. Tangos, news @ 0100. (17/6 Slagt-ARUBA)
- 3320 PERU. R. Estrella del Sur. 0055. SS. Andian mx, ad's, QRM de SABC. (17/6 Slagt-ARUBA)
- 3340 PERU. R. Altura. 0035. SS. Ad's and public sve anmts. (17/6 Slagt-ARUBA)
- 3350 GHANA. GBC. 0612-0615. EE. News and feature on RSA church. (27/6 Jordan-PA)
- 3360 GUATEMALA. LV de Nahuala. 0031. SS. Cultural pgm "A usted le interesa". (17/6 Slagt-ARUBA)
- 3380 ECUADOR. R. Iris. 0100. SS. Funeral sve. (12/6 Slagt-ARUBA)
- 3395 ECUADOR. R. Zaracay. 0220-0240. SS. Talk abt Cuba, spot ID, pops. (16/6 Jordan-PA)
- 3910 JAPAN. FEN AFRTS. 1226. EE. Muted news, ID @ 1230. (13/6 Shaver)
- 3927 REP. SOUTH AFRICA. "Southern Sounds" via Capitol Radio. Pop mx, ID @ 1830. (5/6 Bishop-PA)
- 4720 CELEBES. RRI Ujung Padang. 1258. IND. MX to IS, then pips, ID, NX by OM. (28/6 Brann)
- 4755 HONDURAS. Sani Radio-HRRI. 0148-0159. SS. Native songs, ID. (23/6 Bobb-NE); (13/6 Hawk)
- 4770 NIGERIA. RN. 0525-0531. EE. Clear ID, into EZL mx. (15/6 Kashiwabara-WA)
- 4780 VENEZUELA. LV de Carabobo. 0351-0402. SS. Lively LA vocals, anmts. (14/6 D'Angelo-PA)
- 4785 BRASIL. "R.Beirus". 0420-0457. PT. long talk, gave M as 1450. (4/5 Obijo-DOM.REPUBLIC)
- 4795 ECUADOR. LV de Los Caras. 0115. SS. MX pgm, time anmts. (19/6 Slagt)
- 4805 BRASIL. RD do Amazonas. 0112-0140. PT. Breezy talks, ID's, mx. (3/7 Jordan-PA)
- 4810 PERU. R. San Martin. 0700. SS. ID w/ment. of Tarapoto. (14/6 Worob-TX)
- 4815 COLOMBIA. R. Guatapuri. 0305-0325. SS. LA vocals. (7/6 D'Angelo-PA); 0240 w/ QRM de Burkina-Faso @ vocals. (28/6 Jordan-PA); @ 0140 w/ LA songs (23/6 Tuchscherer); @ 0245 w/ ID, songs, & talk. (23/6 Johnson-TX)
- 4820 HONDURAS. HRVC. 0231. SS. SS news, flute mx. (23/6 Worob-TX)
- 4823 PERU. LV de la Selva. -938-0943. SS. Good sig w/Peruvian mx, ID. (23/6 Tuchscherer)
- 4830 GARCH. AF#1. 2235-2302. FF. Pop & rock tunes, full ID. (26/6 D'Angelo-PA)
- VENEZUELA. R. Tachira. 0056-0157. SS. "Domingo Internacional" by Eleazar Silva, mx pgm, ID. (18/5 Brouillette-QUEBEC)
- 4832 COSTA RICA. R. Reloj. 0617. SS. Pop & dance tunes, ID's, jingles. (28/6 Brann)
- 4840 ECUADOR. R. Interoceania. 0027-0206. SS. New station w/LA songs, ID's. (10/6 Tuchscherer)
- 4840 VENEZUELA. R. Valera. 0206-0215. SS. Romantic vocals, ballads. (8/6 Flynn-CA)
- 4850 CAMERCON. RC. 2344-0000. FF. Songs, music. (23/6 Bobb-NE)
- VENEZUELA. R. Capital. 0205-0240. SS. LA pops, "Top 40" w/Casem. (2/6 Jordan-PA)
- 4851 ECUADOR. R. Luz y Vida. 0210-0245. SS. LA and pop music, solos. (2/7 Jordan-PA)
- 4864 BOLIVIA. R. 16 de Marzo. 0123. SS. Slow ballads, ID. (19/6 Johnson-TX)
- 4870 BENIN. WOR. 0600-0619. FF. Contemp. WAF music. (9/6 Kashiwabara-WA)
- 4875 BRASIL. RN Boa Vista. 0234-0306. PT. Ballads & pop tunes, ID. (12/6 D'Angelo-PA)
- 4885 PERU. R. Huancavelica. 0407. SS. ID and S/o anmts w/NA. (4/5 Obijo-DOM.REPUBLIC)
- 4890 GARCH. RFI. 0400-0458. FF. News, pop mx, talk, ID's. (2/7 Jordan-PA); (28/6 Flynn-CA)

A light selection this month, but some nice selections among them!! Hope everyone is enjoying the summer. Thanks to everyone and CU in about 30!!!!

mt



LOG REPORT

section B

4900 to 6199 kHz

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

- 4911 ECUADOR 4911, Em.Gr.Colombia, 0250 6-14 w/talks, IDs, LA pops; vy weak (Jordan).
4915 BRAZIL R. Anhanguera, relig.prgm 0055 6-19, ID, US & samba mx (Slagt-ARUBA).
4915 CHINA Tent. Guangxi PBS, 1240 6-12, mx, CH talking, poor signal (Shaver).
4915 GHANA Accra, 0615 6-14, gal w/chr, EG and vernacs, poor, but //3350 much worse (Worob-TX);
Tent. 0543 7-7, vy poor, choir, drum IS 0559, pips, TC for 6, Ghana ments. (Park-HI).
4920 AUSTRALIA ABC-Brisbane, big bands 0920 6-27, hvy static, deteriorating sig (Dillon-MD).
4930 TURKMAN SSR RM-Ashkhabad, 2329 6-14 w/18, ID, nx, Tbilisi suppo to be silent (D'Angelo-PA).
4940 MARSHALL IS. WS20, island/pop mx 0712 6-28, Ds, poor (Brann); tent. 0740 6-14, poor with
S.Pac.mx, gal talking, hvy QRN (Worob-TX); guitar 0945 6-27, 0957* (Dillon-MD).
4945 BOLIVIA R. Illimani, 0213 7-5 with ID, campesino mx, much howling, good (Kashiwabara-CA).
4960 ECUADOR R. Federacion, 0240 instr.mx 6-16, ID at s/off, NA, 0301*, fair (D'Angelo-PA).
4975 PERU R. del Pacifico, 0242 7-6, ID, religious prgm, vocals, poor sig (Kashiwabara-CA).
4980 VENEZUELA Ecos del Torbes, LA mx 0157 6-28, ads, PAs, TCs, IDs, very good (Dillon-MD);
at 0345 6-20, mx, good till 0400* (Rhyme-NC).
4990 CHINA Hunan PBS, EG lesson 1250 6-13, ID 1300, tnx Kashiwabara tip (Shaver).
4991 PERU R. Ancaash, 0317 7-1 with US and SP pops, man DJ, IDs, TCs, fair (Brann); 1005-
1020 6-25 with Andean mx, man talking, TC and ID 1010, more mx, fair sig (Bobb-MN).
4996 PERU R. Andina, lively vocals 0334 6-14, ID 0351, more mx, poor overall (D'Angelo-PA);
0732 7-3, ID, TC, phone numbers, huaynos, abrupt 0756*; unusually good (Kashiwabara-CA).
5005 UNID. LA 0327 6-6, orch.mx, vocals, covered by RTTY 0340; poor, lang.not known(D'Angelo).
5010 CAMEROON Garoua, FR/EG IDs 0427 6-27, s/on 0430, fair signal (Rhyme-NC).
5015 USSR Arkhangelsk, fair 1012 6-10 with play, ID by gal 1027 (Shaver).
5020 NIGER Niamey, NA 0530 6-14, "Voix du Sahel" ID, Koran, all FR (Swaringen-NC).
5020 SOLCOMON IS. Honiara, EG nx 0732 6-14, good sig, //9545 weaker (Shaver).
5025 CUBA R. Rebelde, man DJ, TCs, Cuban mx, talk, 1001-1030 6-27, good sig (Dillon-MD); at
1040 6-10, time check, phone-in prgm on Angola (Shaver).
5030.5 PERU R. Los Andes, 0631, IDs, TC, OA mx, very poor (Kashiwabara-CA).
5034 CENT.AFR.REP Bangui, 0428, NA, nx (Hawk); Afr mx 0451, nx on hr, vy poor (Kashiwabara-CA).
5055 ECUADOR Tent. R. Catolica, Quechua 1037 6-25, Indian-like songs, poor (Bobb-MN).
5095 COLOMBIA R. Sutatensa, LA mx 0030 6-29, canned ID 0044, usual CW QRM, fair (Dillon-MD).
5125 GFR R.Liberty, Holzkirchen, per RII, RS nx 0330-0345 6-13, fair sig (D'Angelo-PA).
5280 GFR DW-Elshorn per RII, EG talks 0125 6-20, ID 0149, 0151* (Tuchscherer-WI).
5894 INDONESIA RRI-Pekanbaru tent., talk 1028 6-13/14, nx, mx, too weak to copy (Paszkiewicz).
5950 FRANCE RVI, EG nx 0200 6-9, good sig (Sampson-WI). Montainery? JB.
5955 COLOMBIA LV de los Centauros, LA mx, IDs, ads, 0430(Tuchscherer); 0500* 6-28 (Flynn-CA).
5960 CANADA RCI, poor 0933 6-29, EG-FR s/off, no IS; fgy open in HI afternoons (Park-HI).
5970 JAPAN Tokyo, SP talk about pollution in Tokyo, 0955 6-16 (Slagt-ARUBA).
5975 ENGLAND BBC, nx 2300, //6175 (Dillon-MD); talks 0035 6-27, good signal (Jordan).
5990 JAPAN Tokyo, 1442 6-12, EG program, ID, nx, very poor sig (Sampson-WI).
5995 AUSTRALIA RA, "Talkback" 0715 6-28 re VNC closing (Park-HI); ID 0830 (Kashiwabara-CA).
6000 AUSTRIA Vienna, GM mx prgm at 0047, 7-1 (Hawk).
6000 BRAZIL R. Guaba, guitar 2320 6-14, ID, pips, nx, fair sig (Cobb-ME).
6005 CANADA CFCX, ID 1327 6-16 (Witzig).
6015 IVORY COAST Abidjan, FR talk 0720 6-14, ID, fair signal (Worob-TX).
6020 NETH.ANT RN-Bonaire, EG 1030 6-27, nx (Dillon-MD); "Happy Stn" 1111 7-5, poor (Park-HI).
6035 BEUTAN BBS hrd during June, to 1400*; best 6-27, poor, battling jammer-6040; nx, features,
pops, EG prgm, sev.IDs as "Bhutan Broadcasting" (Bishop-PHILIPPINES).
6060 AUSTRALIA RA, EG 1242 6-8 with "Innovations," world nx, poor overall (Sampson-WI).
6090 LIBERIA ELBC, Liberian and other Afr nx 2300 6-23, ID 2308, poor-fair (Bobb-MN).
6090 LUXEMBOURG R.Lux, in EG 0050 6-14, ads, pops, nx, fair, muffled audio (Jordan).
6100 VENEZUELA YVTO time sig stn, 0730 6-14, pips, pulses on minute, ID, fair (Worob-TX).
6110 MALTA R. Mediterraneo, poor at 2050 6-18 with religious prgm (Bauerhuber).
6120 CANADA R.Japan relay, EG 1100 6-28, nx, cmtry, DI corner, VG (Dillon-MD); "Japan
Panorama" 1153 6-17, ID 1155 as N.Am Svc, VG signal (Witzig).
6125 GDR RRI, EG nx 0153 6-10, ID, Berlin nx, lady singing; QRM, fading (Holleran-AL).
6135 WESTGERMANY SRI, 0200 6-21 with nx, "Grapevine" w/listeners ltrs, strong (Bauerhuber).
6150 GFR VOA-Munich, *0200 RS 6-5, not jammed, //11760-Tan, 9770-Tan, 7270-Kav, 6160-GB
6180 BRAZIL R.Nac.Matogrosso, PT talks 1112 5-30 (Slagt-ARUBA). (Johnson-TX).
6180 NETH.ANT TWR-Bonaire, NP 0146 7-2, SP, LA mx, old US pops, several IDs (Tuchscherer-WI).
6195 SINGAPORE BBC W5, "Vintage Chart Show" 1040 6-29, fair sig (Park-HI). +++ 73-



LOG REPORT

section C

6200 to 11699 kHz

Editor: Joe Freeborn, Bldg. 877, Apt. 625, Governors Island, NY 10004

Once again your guest editor is Bill Oliver while Joe Freeborn is on vacation.

- 6248 VATICAN R. Vaticana 0220. On this odd freq in a Slavic lang. (Paszkiewicz) 6/28.
- 6305 CLANDESTINE LV del CID 1020-1030. SP, M w/R. Reloj, nx, TC and ID, tx. ID for LV del CID. F-G. (Bobb) 6/24.
- 6648.6 LAOS Lao Vat. Radio-Pakse 1230. Lao. M w/tx, march-type mx into comm. Freq varies constantly up to +1 KHz. (Uerlings) 6/27.
- 7065 ALBANIA R. Tirana 0240. EG. Usual comm. (Worob) 6/23.
- 7135 TURKEY VOT 0150-0205. Turkish wailing song, pips & ID 0200, nx. Mixing with but over BBC-Cyprus. (Buer) 7/2.
- 7190 YEMEN PDR DYBSG 0300-0328. AR. Nx, mx, comm. (Hawk) 6/13.
- 7210 SWAZILAND TWR 0528, EG. IS, ID "This is TWR, Swaziland," relig prgm. ARO co-channel. (Park) 6/10.
- 7225 RWANDA DW 0450. EG "The Week in Africa," etc. ARO and local QRM. (Park) 6/27.
- 7245 ANGOLA R. Nacional 0550. Lang. m w/tx, nx, into fast beat PT mx. (Uerlings) 6/8.
- 7265 AUSTRALIA RA 1355. Lang. IN pop mx, ID, tx. (Slagt) 6/20.
- 7265 W GERMANY Sudwestfunk 0450. GM. ID, time mentioned several times. (Slagt) 6/12. 0159. GM Light mx, GM ID, nx. (Johnson) 6/15.
- 7275 SEYCHELLES FEBA *0127. Lang. IS just barely poking out of ham QRM. Poor. (Buer) 6/12.
- 7285 SOUTH AFRICA RSA 0603. AK. M w/ nx. ID 0605. (Johnson) 7/3.
- 7365 USA WCSM 0028-0053. EG. Rlg pgm. (Brouillette) 5/30. 0100. EG. "Kalaidascope," Carters on life after the White House. (Bauernhuber) 6/22. 0148. EG. Letterbox. (Brann) 6/26.
- 7378 CLANDESTINE LV del CID 0510. SP. Political tx. (Slagt) 6/12.
- 7475 TUNISIA? T RTT 0330-0345, but *0430 listed. Weak. AR. Anncls by M into Koran recitation. (Flynn) 7/2.
- 7450 SPAIN R. Exterior 0500-0515. SP. IS, ID & address given by W. (Swaringen) 6/13.
- 9080 CHINA Presumed Kunming PBS 1226-1301. CH. Flutes, martial mx, many mentions of "Kwan-ming." Fair. (Kashiwabara) 7/1.
- 9410 ENGLAND BBC 2255-2320. Spts, world nx, comm. (Dillon) 6/27.
- 9420 GREECE VoG 0130. Nx, pop mx. Fair. (Bauernhuber) 6/25.
- 9475 EGYPT R. Cairo 0205-0230. EG. Various features. Very poor audio quality. (Brouillette) 6/24. 0219. EG. This has to be the first Egyptian broadcast I have ever heard that did not suffer from low modulation. Tonight modulation just fine with M reading nx. //9675. (Johnson) 6/24.
- 9490 USSR R. Moscow 0000-0015. SP ID "Aqui R. Moscow." (Dillon) 6/28.
- 9495 USA KVOH 0202-0205. EG. UPI nx, ID. (Brouillette) 6/24.
- 9508v ALGERIA R. Algeria 2025-2120. SP/FR. Mx pgm w/om ancr & mix of SP folk & classic guitar. (Jordan) 6/5.
- 9525 POLAND R. Polonia 0319. EG. W ancr, mx ID 0332, sked for NA, nx. SIO 242. (Sampson) 6/24.
- 9540 NEW ZEALAND RNZI 0510-0612. EG. Potpourri of pgming. Poor to fair. w/QRM, QRK. (Jordan) 6/27.
- 9540 VENEZUELA R. Nat. de V. 1810. SP. Tx abt trade deficit between Brazil and Venezuela. (Slagt) 6/20.
- 9550 AUSTRIA RAI 0130. EG. Nx, Austria concerned w/Israel, Waldheim's visit to Vatican. Good signal. (Bauernhuber) 6/22.
- 9553 EQUATORIAL GUINEA R. Nacional, Batá 2156-2200. Tuned in to long orchestral national anthem after which 5+1 time pips and carrier cut. A Tuesday, not M-W-F! SIO 242. (D'Angelo) 6/16.
- 9560 TURKEY VoT 2200-2250. EG. Nx, press review, mx. (Dillon) 6/27.

- 9580 AUSTRALIA RA 1408. EG. Wld nx, Madonna song, comm. (Witzig) 6/16.
 9585 SOUTH AFRICA RSA // 7270 vy faint, 11755 unheard *2100-2125. EG. IS 2055 into ID 2100. So Afr & wld nx. (Jordan) 6/12.
 9590 CANADA BBC 2349. EG. Usual pgming. Good. (Brann) 6/28.
 9610 SEYCHELLES FEBA 0420-0430*. Lang. MX w/amnts, s/off w/ID. Fair w/splatter from KGEI. // 11790 much better. (Buer) 6/9.
 9615 SOUTH AFRICA R. RSA 0200-0230. EG. Nx & comm. (Brouillette) 6/25.
 9630 UNITED ARAB EMIRATES VoUAE, Abu Dhabi 1952-2002. AR. Mx w/ancts by YL, ID at 2000 flwd by tx. Good w/QSB & static. (Buer) 6/14.
 9630 CZECHOSLOVAKIA R. Prague 0003. Internation pgm heard under Spain w/classical mx. // 6055 which also had severe QRM. (Johnson) 6/6.
 9650 NORWAY RN 0424-0431. EG. Mailbag, ID into bells & relig-type mx. Poor. (Kashiwabara) 6/29.
 9655 THAILAND R. Thailand 1207. EG. YL w.nx & comm. (Uerlings) 6/13.
 9670 EGYPT R. Cairo 2050. AR. Chants, mx. Poor. (bauernhuber) 6/15.
 9680 AUSTRALIA 3LO via VLR9 0758-0830*. EG. Pop mx, ABC natl nx 0806. Last day due to Lyndhurst shutdown. WYFR co-channel. (Park) 6/12.
 9685 USSR R. Moscow 2040-2105. SP. Tx. Into RS 2100. (Dillon) 6/24.
 9690 ARGENTINA R. Nacional 0802. SP. Beatle's greatest hits in "four-in-a-row" spurts. Back to lcl mx 0819. Local QRM/QRN. (Park) 6/13.
 9695 UNID "JOB" 1858-1902. JP. Unk stn testing w/ID "JOB, Kochiwaru R. Nippon desu, tsukan densao, hashu sorimasu (sic), Andean flute & mandolin mx & string mx. (Park) 6/21.
 9695 SWEDEN RSI 0230 EG. Tx, spts. SIO 333. (Sampson) 6/21.
 9700 USA AFRTS DEL 1135. EG. Nx. QRM jammer 9690. (Park) 6/27.
 9720 ANTIGUA DW 0937-0950*. EG "Panorama." Fair w/QRM. (Park) 6/20.
 9730 EAST GERMANY RBI 2317-2335. EG. W w/ID, M&W w/tx on Unesco, DX Club nx & tips. Fair. (Bobb) 6/22.
 9735 PARAGUAY R. Nacional 0122-0130. SP Paraguayan mx. Clear ID & decent signal. (Brouillette) 6/10.
 9755 PHILIPPINES VOA 2052. KR. Tx on Korea & Taiwan, nx. (Park) 7/3.
 9760 BRAZIL R. Nacional 0154-0156. PT. Pgm ancts, pop mx, Request letters to Brasilia address. (Brouillette) 6/10.
 9780 IRAQ R. Baghdad 0305-0320. AR. Mx, slow mournful recitation by OM, tx on Iraq & Iran. Weak sig, QRM, QRK. (Jordan) 6/14.
 9780 ECUADOR HCJB 0230-0255. EG. DX Party Line. (Hawk) 6/20.
 9790 FRENCH GUIANA RFI Relay 0033-0100. FR. Interview, mx, ID. Good. (Dillon) 6/30.
 9790 GABON RFI via Moyabi relay // 15300 via F. Guiana 1950-2060. FR. Steel drum, vocals, rap, U.S. "Bubble Gum" into nx. Good to V. good. (Jordan) 7/1.
 9790nf BELGIUM BRT *2330-2355*. EG. Usual pgming. Fair. (Jordan) 6/15.
 9835 HUNGARY R. Budapest 0201. EG. Nx, Duarte, nuclear weapons, health in Hungary, IS. SIO 333. (Sampson) 6/21.
 9840 VIETNAM VoV 1600. EG. S/on, nx, ID, mx. Poor. (Brann) 6/27.
 9840 ALASKA KNLS 1101. CH. Cleste IS, M w/ID "Shamir...guangbo diantai KNLS, Alaska. Anchor Pt. Mancini mx. USSR mixing beneath. Poor. (Park) 6/15.
 9850 USA WHR 0254. EE. OM w/ID "This is World Harvest Radio. Next broadcast 0330 on 7355. SIO 434. (Worob) 6/23.
 9865 USSR R. Moscow 0001-0031. EG. Wld nx, ID, Outlook. (Dillon) 6/30.
 9670 SOUTH KOREA R. Korea 1512. EG. Nx, comm. Fair. (Brann) 6/27.
 9875 IRAQ R. Baghdad 2037-2055. EG. W w/ID. AR mx, ID at 2042. Fair. (Bobb) 6/27. 2000. EG. ID at 2005. Fair. (Brauernhuber) 6/15.
 9875 USSR R. Paz e Progresso 0118-0120. PT. Tx abt nuclear weapons & arms race. Jammed. (Brouillette) 6/9.
 9880 USSR R. Moscow 2336-0001. RS. OM DJ w/pop mx & some classical. RM IS at 2359, TP's at 0000. Good (Dillon) 6/29.
 9940 CLANDESTINE LV del CID 2059-2115. SP. M w/ID's, IS, W w/tx and mx. Fair. (Bobb) 6/27.
 9950 SYRIA R. Damascus //12085 unheard 1835-2104*. GM/FR/EG. Multi-lingual pgming w/ID's & mx. EG at 2005. (Jordan) 6/5.
 9960 CLANDESTINE R. Casman 1350-1407. EG/SP. Jazz, rock, pop mx. No ID on hour. SP ID at 1403 over "Dancing in the Dark" IS?. ID again. Freqs in SP. Some QRM. (Hollerman) 6/10. 2323-2340. SP M&W w/tx, piano mx. Fair. (Bobb) 6/23. 2320-2340. SP. MX, ID's, freq ancts at 2330, nx at 2331. SIO 454. (D'Angelo) 6/28.
 9900 EGYPT R. Cairo 2036-2114. FR. Tx abt N Afr countries, AR mx, discussion of Arabic language. AR ID 2113. (Dillon) 6/26.
 11385 UNID 1220-1240. Poss IT or PT, not sure. W ancr w/tx suggestive of nx rpt, ment of "Programa." Gave mb nos at 1230, then choral & orchestral sels. (Jordan) 6/30.

- 11490 CLANDESTINE Voice of Unity //12230. Political tx w/mention of Afghanistan (many), Iran (few), mx & ID on the hour, then excited tx by two men. Dari has some words taken from Arabic so I was able to pick out a word occasionally. End of tx 0205 mx, a few words by W, then ID by M 0217, mx 0221, Koran recitations 0224, closing ancmts, out 0226. (Johnson) 6/21.
- 11600 CHINA RB FS 1735. EG Rpt on visiting US HS band, "Listeners Letterbox." QRM RTTY 11598. (Park) 6/30.
- 11610 ISRAEL IR 0101-0109. EG. ID, worldwide Jewish nx, xmtr probs. Good. (Kashiwabara) 6/28.
- 11614m PAKISTAN PBC 1740. Lang. W singing SA Asian pop mx, M w/tx, more pops. Nominally 11615. Not in WRTH. Fair w/lcl QRN. (Park) 7/3.
- 11620 INDIA AIR to ME 1808-1815. Hindi. F ancr, Hindi vocals. Weak and fading. (Flynn) 6/13.

THE WINDOW DIPOLE

by
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After 15 years of DXing the radio bands, I have ended up with several types of receiving antenna's, a 304' longwire, a commercially made trap dipole and 12 dipoles cut for each shortwave band, all with varying performance factors and a backyard begging for a lightning strike.

I thumbed through my library of antenna books and decided to try out an all band dipole over 50 years old called a window. A conventional 1/2 wave dipole cut in the middle will have an impedance of 68 - 73 ohms in free space, but in reality, will vary from 10 - 100 ohms depending on its height and proximity to objects. The dipole will work well on the band that it is cut for, 468/Fmhz and will also work well on every third odd harmonic 7 mhz, 21 mhz, etc. The window dipole is different in that it is cut 33.3% from the end, or 16.7% off center. The antenna feed point impedance for the window will be 300 - 400 ohms, again depending on height and nearby objects. A 4:1 balun will have to be used if coaxial line will be used for the feedline in order to get maximum signal transfer. A window is resonant on every even harmonic Zmhz, 4 mhz, etc. The antenna length should be a 1/2 wave at the lower frequency of interest.

I chose a length of 140' 9", which corresponds to a 1/2 wave on 3325 Khz. One leg of the wire is 93' 10", and the other 46' 11". The wire is #14ga insulated stranded copper wire. Three insulators will be needed, I use the 2 1/2" plastic type. The coax feedline used is military grade 75 ohm, 11 feet, in my case. The 4:1 balun is a Radio Shack, 75 to 300 ohm impedance transformer. The complete antenna cost is less than \$10.00.

The ground system I use consists of an 8 foot hollow copper conduit with an 18 foot #14 gauge radial. The grounding strap from receiver to ground is three #14 gauge wires, 4 feet in length. The grounding strap should, whenever possible, be less than 1/4 wave in length on the highest band of interest.

The receiver I use is the Kenwood R-1000. I feed the window into a Grove minituner 3, keeping the tuner on bypass, except when I need to knock out intermod on LW and MW. The window is broadside NE-SW and 9 feet off the ground, though the higher the better. The VSWR at 3325 Khz, is around 2"1, 5"1 or less is acceptable for receiving.

The results with the window dipole were very surprizing. In general signal strength on the window were 20db stronger than the trap dipole, 10db stronger than the 304' longwire, and +1 - 2db compared to the individual dipoles. The strange thing that I can not figure out is that the window outperforms the longwire even on LW and MW. As it turns out, the window dipole antenna is a very good all band antenna. Needless to say, I have taken down all of my other antennas.



LOG REPORT

section D

11700 and above

Editor: Wallace C. Treibel, 357 N.E. 149 St., Seattle, WA 98165

- 11700 ALASKA KNLS in EG 1635, mx variety, ID, free Bible offer (Tuchscherer WI 6/29)
- 11720 CANADA CBC North. Service in EG 1815, big band mx, ID, f (Cobb ME 6/21)
- 11725 PORTUGAL R. Liberty via Gloria in Dari/RS *0300-0410+, exotic mx IS, mid-East mx 2 diff versions of IS 0330, CM in RS, tlks, ment of Pravda (Jordan PA 6/27)
- 11725 CUBA RHC in EG 2045, skeds, xmen targets, pop/folk mx, //15230 (Jordan PA 6/7)
- 11730 NETHERLANDS RN in EG 0230, nx re movement of US hostages, f (Sampson WI 6/14)
- 11730 USSR R. Moscow in JP 2207, nx, cmnty, many ID's, f-p (Park HI 6/20)
- 11745 BRAZIL R. Bras in EG 0202, nx, pleasant Brazilian mx w/vocals (Levison PA 6/13)
- 11745 TAIWAN VOFC in JP 2101, NA, tlks w/mention of Japan, f (Bobb MN 6/22)
- 11750 BULGARIA R. Sofia in EG 2031, ID, Bulgarian nx, wx rpt, f (Bobb MN 6/22)
- 11790 SEYCHELLES FEBA in Punjabi 0229-0246*, tlks & mx (Tuchscherer WI 6/16) in Orano *0358-0405, IS, ID, tlk, //9610, g in the clear (Buer FL 6/9)
- 11795 CUBA RHC in EG 1905, interview w/Bernard Getz's prosecutor (Cobb ME 6/21)
- 11800 ITALY RAI in EG 0101-0121, nx, freqs, mx, IS & ID in FR, f-g (Bobb MN 6/23)
- 11800 GABON R. Japan relay in EG 2310, nx of US & S. Korean events (Swaringen NC 6/18)
- 11806 BRAZIL R. Globo in PT 0125, singing ID's, vocals, QRM het. (Kashiwabara CA 6/28)
- 11810 SEYCHELLES FEBA in SH 0350-0358*, tlk, choral song, IS, f (Buer FL 6/9)
- 11840 JAPAN R. Japan(p) in JP 1747-1805+, testing w/ID "JOB", Andean mx, p (Park 6/20)
- 11849 VENEZUELA R. Nacional in SP 0247-0357*, LA pops, many ID's, QTH (Jordan PA 7/2)
- 11865 SEYCHELLES FEBA in Farsi *0257, IS, ID's, vocals, relig songs, chorals work, relig tlks (p), flute solo (D'Angelo PA 6/29, Jordan PA 7/2, Laskowski IN 7/6)
- 11865nf UNITED ARAB EMIRATES Abu Dhabi in AR *0149+, IS (guitar), NA, ID, Qu'ran recit. Flute mx, ID, nx (D'Angelo PA, Paszkiewicz WI, Johnson TX, Laskowski IN, Buer FL Jordan PA, Tuchscherer WI)
- 11925 DENMARK RD in DN 0000, ID in EG, g (Rhyne NC 6/24)
- 11938 KAMPUCHEA VOKP in Laotian 1246-1311*, tlk, instrm'ls, nx (Paszkiewicz WI 7/4)
- 11945nf FRENCH GULIANA RPT relay in FR 0540, nx, interview w/chef, f (Park HI 7/2)
- 12035 SWITZERLAND SRI in EG 0400, nx, Swiss family law, features (Sampson WI 6/27)
- 12035 accordian mx, ID in GM, then into FR 0450-0502 (Kashiwabara CA 6/29)
- 12050 EGYPT R. Cairo in AR 2156-2300, talent show, AR mx, ID 2247 (Dillon MD 6/20)
- 12077nf ISRAEL Kol Israel in EG 1912-1930+, discussion on relig freedom, mx, nx summary, "Let's Sing Together", segment on Jewish history, f (Jordan PA 6/27)
- 13605 USSR R. Moscow in EG 0221, tlk re nuclear war, ID, QRM (Hollerman AL 6/20)
- 13745 USSR R. Kiev in EG *2330-2358*, IS, nx, cmnty on disarmam't (Jordan PA 6/11)
- 15020 SYRIA R. Damascus in FR 1925, brief tlk, mx (Uerlings 6/12) in EG 2007-2103* polit cmnty, nx, NA at s/off, ID's (Cobb ME, Bobb MN, Jordan PA)
- 15084 IRAN VOIR in lang 2313, multi-lang ID, p (Kashiwabara CA 6/21) in Farsi 0236, Ticking sound 0241 (IS?), tlk, ticking again 0300, ID, nx? (Hollerman AL 6/10)
- 15115 SEYCHELLES FEBA in EG 0732, "DX Postbag", weak sig (Park HI 6/21)
- 15135 BRAZIL R. Record in PT 2333, non-stop over-excited soccer anncr (Kashiwabara CA)
- 15140 CHILE RN de Chile in SP 1402, sportsnews (Slagt ARUBA) in SP 2330 w/nx and no soccer! (Brouillette IL) in SP 0330 w/many ID's and tlk, f-g (Sampson WI)
- 15160 DENMARK RD in DN 1333, tlks, IS, ID, f (Bobb MN 6/23)
- 15165 NORWAY RNI in NO 2215-2246*, NO folk & pop mx, ID in EG at 2245 (Cobb ME 6/27)
- 15180 AUSTRALIA RA in EG 0240, nx w/tlk re Schultz visit to Aust. (Slagt ARUBA 6/21)
- 15180 CHINA R. Beijing in EG 0359-0415, IS, ID, "UN Speaks Out" (Swaringen NC 6/19)
- 15230 AUSTRALIA ABC Melbourne in EG 0345, ID, cmnty (Uerlings 6/8)
- 15240 SOUTH AFRICA RSA in DT 1659, ID in EG/DT, theme mx, pips, freqs, nx (Park HI)
- 15265v QATAR QBS in AR 1650, AR vocals, pips, ID, nx, mx bridge into tlk (D'Angelo PA) in AR 1505-1705, AR slow vocals (Jordan PA) in AR 1450, tlk, mx, nx (Buer FL)
- 15275 WEST GERMANY D. Welle in GM 1834, opera w/occas. applause, f-g (Simpson WI 6/18)
- 15305 NO. MARIANAS KFBS in EG, pleasant mx & tlk, ID, svce to Burma (Johnson TX 7/2)
- 15335 MOROCCO RTVM in AR 0050, AR mx, abruptly off 0100 (Rhyne NC 6/6) in AR 0030 w/pgm of West mx, few letters acknowledged, s/off in mid-song (Brouillette IL)
- 15345 TAIWAN VOFC in JP 2140, children's mx performed by children, p (Park HI 6/15)
- 15350 LUXEMBOURG RTL in FR 2316, DJ w/Euro pop mx, canned ID (Brouillette IL 6/27) in FR 0209-0231, ID, FR tlk, FR mx, lots of QRM (Hollerman AL 6/10)
- 15365 CANARY IS. REE relay in SP 1749, variety of sports, mx, nx (Sampson WI 6/21) in SP 2156-2325, IS, ID, address, SP songs, tlks (Tuchscherer WI, Jordan PA)

15380 PORTUGAL? R. Liberty in RS *2259, IS, ID "Govorit R. Svoboda", nx most datelined "Moscow", relig choral mx (D'Angelo PA 6/6, Brouillette IL 6/6) ED: D'Angelo indicates Portugal as mxn site & Brouillette reports W. Germany. RDI says Port.

15385 BULGARIA R. Sofia in AR 1925-1959*, rapid tlks, ME & martial mx, ID (Jordan PA)

15400 FINLAND RF in EG 1303, nx from FN view, mailbag, into lang 1333 (Witzig 6/16) in EG/FN 1324, IS, ID, tlks, f-g (Bobb MN 6/23)

15405 NO. MARIANAS KYOI in EG 0232, recordings, ID, WCSN address, p (Park HI 6/19)

15405 UNITED ARAB EMIRATES Abu Dhabi in AR *0209, guitar AR, NA, ID, freqs, qu'ran recitations (Swaringen NC 6/23) in AR 0212, //11865 stronger (Laskowski IN 6/27)

15420nf USSR(?) Laos N. Radio, Vientiane relay(p) in FR *1100-1129, IS, ID, freq annctm, many questions of Vientiane, tlk re "la revolution", vocal, instrumental NA 1126, //11960, vp signal (D'Angelo PA 6/29) ED: Nice going, Richard!

15434usb SWEDEN RSI in EG 0230, poll on SW polit views, //9695 (Swaringen NC 6/23)

15435 UNITED ARAB EMIRATES Abu Dhabi in EG 0345, DX pgm, ID, p (Laskowski IN 6/27) in EG 0345-0358*, "Wide World of Arabic Music", //17890 (Swaringen NC 6/19)

15440 TAIWAN VOFC in EG 2220, tlk re old CH mx & handicrafts (Slagt ARUBA 6/20)

15475 GABON Africa #1 in FR 2002-2100, world nx, current affairs, ad in EG, DJ w/Hi-Life, ID, lively vocals (Dillon MD 6/27, Jordan PA 7/1, Brouillette IL 6/23)

15485 ISRAEL Kol Israel in HB 2203, slow-speed nx, weak USSR jamming (Brouillette IL)

15505 KUWAIT RK in AR 1655, AR mx, time pips 1700, ID "min Al-Kuwait", world nx, AR mx, call to prayer (Dillon MD 6/27) in AR 2159, ID, nx, vg (Brouillette IL 7/6)

15575 SOUTH KOREA RK in EG *1300-1400*, cmntry on polit reforms in KR, lang lesson, sports roundup, ID, QTH, g (Jordan PA 6/29) in EG 2245, world nx (Sampson WI) in EG 0110-0126 in EG, nx by YL, ID by OM, then mx sels (Tuchscherer WI 7/3)

15600 LIBERIA VOA relay in EG 1630, Africa svce, nx, rpt on AIDS (Dillon MD 6/27)

17575 MADAGASCAR R. Nederlands relay in EG 0909, "Media Network", f (Park HI 6/25)

17605 NETHERLANDS ANVILLES R. Nederlands relay in DT 2127, IS, time pips, ID, freqs, nx, tlks re Garrison Keillor, f (Bobb MN 6/27)

17620 FRANCE RFI in EG *1600-1650*, "Paris Calling Africa", IS, ID, 1/2 hour of nx, features, f-g (Jordan PA 6/12) in EG 1610, nx cmntry & insights, f-g (Bobb MN)

17720 FRENCH GUIANA RFI relay in FR 1600, TC, ID, world nx, rock mx (Dillon MD 6/27)

17735 PORTUGAL R. Liberty in RS 1924, ID "Govorit R. Svoboda", nx (D'Angelo PA 6/12)

17790 ECUADOR HCJB in FR/EG 2044, Andean mx, ID in EG, DX pgm (Park HI, Bobb MN)

17795 AUSTRALIA RA in EG 0020-0248, pop mx, world nx, g (Levison PA, Sampson WI)

17825 JAPAN RJ in EG 0315, "Current Affairs", p (Rhyne NC 6/18) in JP 1145 (Park HI)

17830 SWITZERLAND SRI in EG 1540, "Dateline", Swiss nx, ID, SWL pgm (Dillon MD 6/27)

17865 UNITED ARAB EMIRATES Abu Dhabi in EG 1330, ID, TC, freqs, NA before & after nx bloc, "Women and the Koran", AR mx sels, g (Jordan PA 6/15)

17890 SPAIN REE in SP dialects 1930, nx & mx inserts, g (Jordan PA 6/11)

18080 UNITED KINGDOM BBC in lang. 1615, lengthy tlks, ME vocals (Jordan PA 6/16)

21540 WEST GERMANY RFI in EG 1142, mailbag, features, ID 1148, p (Witzig 6/17)

21575 SPAIN REE in SP 1403, nx, pgm for Spaniards at sea, SP vocals (Jordan PA 6/11)

21590 SOUTH AFRICA RSA in EG 1345-1405, mx, ID, short nx summary, p (Witzig 6/16)

21685 NETHERLANDS ANVILLES R. Nederlands relay in FR 2010-2025*, tlks, rhythmic mx, ID, f-g (Bobb MN 6/28) in EG *1830, world nx, pgm on modern composer and his mx (Witzig 6/16) in EG 1850-1925*, "Newsline", features, f-g (Jordan PA 6/16)

 Some repeat loggings listed in last month's issue were not included in the above summary. Please consult last month's FRENEX for a more complete update. Among the best reports this month were those from Richard D'Angelo, Rufus Jordan, and Sheryl Paszkiewicz. I would like to hear from any or all of the three regarding their antenna set-ups. They must be good!

This report covers changes entered between 06/26/87 and 07/24/87.

ENGLISH LANGUAGE DI SHOWS: By Day of Week
 Compiled by Thomas R. Sundstrom, W210

| Shortwave DI Program | Show Xasn | | Country | Station | Freq | | | | | | | Target Area | Record Last Updated |
|-------------------------|---------------|---------------|---------|---------|------|----|----|----|----|----|----|-------------|---------------------------|
| | Start Time | Start Time | | | 01 | 02 | 03 | 04 | 05 | 06 | 07 | | |

** DAY OF THE WEEK: Friday
 World of Radio 0200 0000 USA WRNO 7355 07/18/87

My thanks to R.C. Watts of Louisville for sending along the schedule of the Red Cross, and to Ken Kashiwabara of Panorama City, CA, for the schedules of AWR-Asia, RAI and the Voice of Asia. I had a nice conversation with Chuck Roswell, PJ4CR, on June 28. Chuck is an engineer at TWR, Bonaire, and operates on the Divi-Divi Net (14340 kHz USB on Su-Tu-Th at 1145-1215 UTC). He has kindly placed us on the mailing schedule for TWR Bonaire broadcasts.

Other notes: Glenn, I like the larger type face in LN, but I would prefer upper-and-lower case to make it easier to read. Don Carlson of Havertown, PA, in Log Report C last month cleared up why I had not been hearing Radio Earth on WHRI-7355 for a while, but in late July it apparently has not yet returned. The AWR-Asia schedule assumes two transmitters will be on the air by the time you read this.

The next round of English-language transmissions from The International Committee of the Red Cross will be: 8/30 1100 on 7210 Eu; 8/31 1700 on 7210 Eu; 8/31 and 9/31 0740 on 15570 11905 9885 9560 Aus, 1040 on 17830 15585 15570 11935 FE, 1310 on 17830 15585 15570 11955 11930 SE As, 1510 on 17830 15430 11840 9885 NE/E Af; 9/1 and 9/4 0310 on 12035 9885 9725 6135 NA. All except those to Eu are 17 min long; to Eu, 30 min.

The MUF has really started to rise as we go to press. As the solar flux numbers rise to above 100, the results can be readily seen on the 19m and 17m bands during the late evening and early morning hours here.

 Pinelands RBBS offers the weekly Sweden Calling DXers electronic bulletins, Radio Nederlands Program Preview and other goodies. Propagation and sunrise/sunset programs, other SWL and amateur radio programs, plus the best of the recent shareware/public domain programs for the MS-DOS family of PCs. Join the SNL conference and add your contributions to the messages therein. Call 609-859-1910 at 2400, 1200 or 300 baud, 8 bit, no parity, 1 stop bit.

Thomas R. Sundstrom : Telex: 6502446376 (via WUI)
 PO Box 2275 : MCI Mail: 244-6376
 Vincentown : The Source: BCFB11
 NJ 08088-2275 : Compuserve: (send via MCI Mail)
 : Packet Radio: W2XQ @ NB2MNF
 : Pinelands RBBS: 609-859-1910 (24/12/3 BN1)

 Does your computer interfere with your radio? SNAP-ON r.f. chokes can reduce or eliminate interference in cases where the computer r.f. signal travels along cables from the computer out to accessories. The chokes are placed around cables -- modem, serial and printer, monitor, power -- without having to disassemble the plug ends from the cables. More information on bulletin 13 on Pinelands RBBS or via mail (\$10 SASE please). \$15 for a package of 4 SNAP-ON chokes, plus \$2 shipping (NJ residents add .90 sales tax). Check or money order payable to TRS Consultants, address above.

This report covers changes entered between 06/26/87 and 07/24/87.

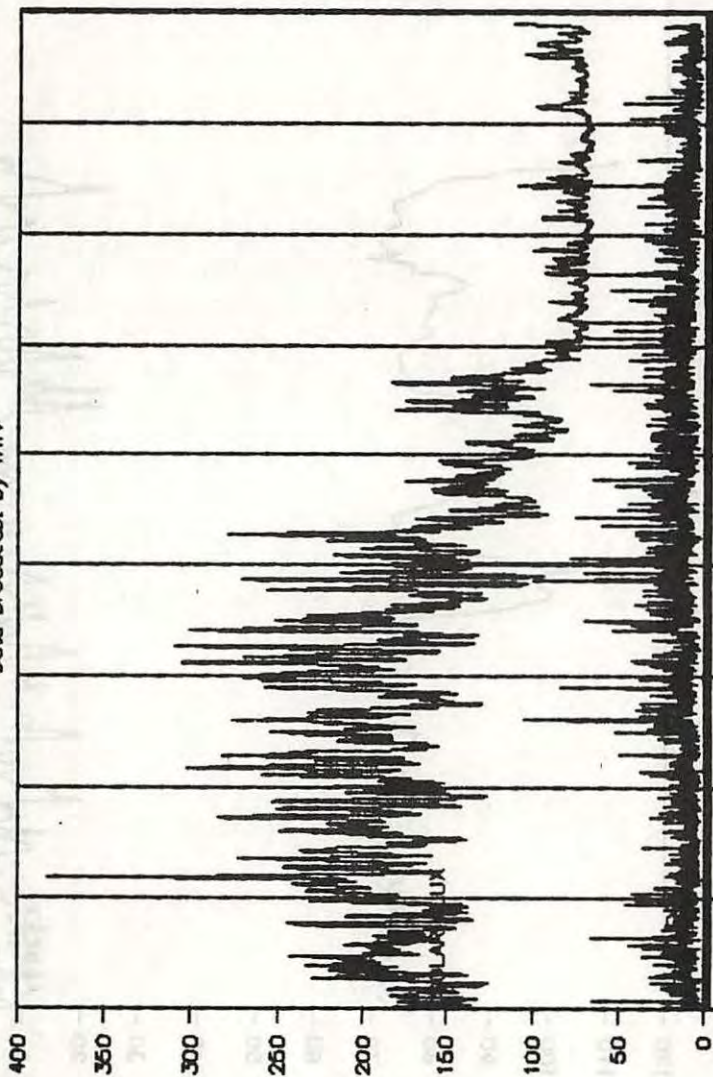
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07/24/87

ENGLISH LANGUAGE SW BROADCAST SCHEDULES By Start Time
Compiled by Thomas R. Sundstrom, W2TQ

| Start Time (UTC) | Country | Station | Freq 81 | Freq 82 | Freq 83 | Freq 84 | Freq 85 | Freq 86 | Freq 87 | Freq 88 | Target Area | Notes | Record Last Updated |
|------------------|----------------------|------------------|---------|---------|---------|---------|---------|---------|---------|---------|------------------|-------|---------------------|
| 0000 | USA | WCSN | 11980 | | | | | | | | S Eu | | 07/22/87 |
| 0200 | Buae | AMR | 17865 | | | | | | | | China | | 07/20/87 |
| 0200 | South Africa | Radio RSA | 9615 | 6010 | | | | | | | NA | | 07/11/87 |
| 0200 | Taiwan | V of Asia | 7285 | | | | | | | | SE AS | | 07/20/87 |
| 0300 | China | R Beijing | 15445 | 15280 | 15270 | 11970 | | | | | MWA | | 07/20/87 |
| 0300 | Fed Rep Germany | R Deutsche Welle | 9700 | 9545 | 6045 | 6010 | | | | | NA | | 07/20/87 |
| 0350 | Italy | RAI | 15330 | 11905 | 9710 | | | | | | S AS | | 07/20/87 |
| 0400 | China | R Beijing | 15280 | 15180 | | | | | | | MWA | | 07/20/87 |
| 0425 | Italy | RAI | 7275 | 6165 | | | | | | | Mediterranean | | 07/20/87 |
| 0530 | United Arab Emirates | R Dubai | 21700 | 17775 | 15635 | 11955 | | | | | Far E/Aus/As | | 07/21/87 |
| 0600 | Taiwan | V of Asia | 7285 | | | | | | | | SE AS | | 07/20/87 |
| 1030 | Taiwan | V of Asia | 5980 | | | | | | | | SE AS | | 07/20/87 |
| 1030 | United Arab Emirates | R Dubai | 21605 | 17865 | 15635 | 11955 | | | | | Eu/Afr | | 07/21/87 |
| 1100 | Taiwan | V of Asia | 7445 | 5980 | | | | | | | SE AS | | 07/20/87 |
| 1300 | China | R Beijing | 9730 | 9550 | | | | | | | MWA | | 07/20/87 |
| 1530 | Taiwan | V of Asia | 7445 | 5980 | | | | | | | SE AS | | 07/20/87 |
| 1600 | Buae | AMR | 11980 | | | | | | | | India, Sri Lanka | | 07/20/87 |
| 1900 | Afghanistan | R Afghanistan | 9665 | | | | | | | | Eu | | 07/20/87 |
| 1935 | Italy | RAI | 11800 | 9710 | 7275 | | | | | | Great Britain | | 07/20/87 |
| 2000 | Turkey | V of Turkey | 7215 | | | | | | | | Eu | | 07/21/87 |
| 2005 | Syria | R Damascus | 15020 | 12085 | | | | | | | Eu | | 07/17/87 |
| 2025 | Italy | RAI | 11800 | 9575 | 7235 | | | | | | Near East | | 07/20/87 |
| 2100 | Buae | AMR | 11965 | | | | | | | | Ind, Mal, Phil | | 07/20/87 |
| 2200 | Italy | RAI | 11800 | 9710 | | | | | | | Japan | | 07/20/87 |
| 2200 | Turkey | V of Turkey | 17760 | 9560 | 9505 | 7135 | | | | | SE AS/NA/NE/Eu | | 07/21/87 |
| 2230 | South Korea | R Korea | 15575 | | | | | | | | As | | 07/21/87 |

SOLAR FLUX & A-INDEX: 1978-1987

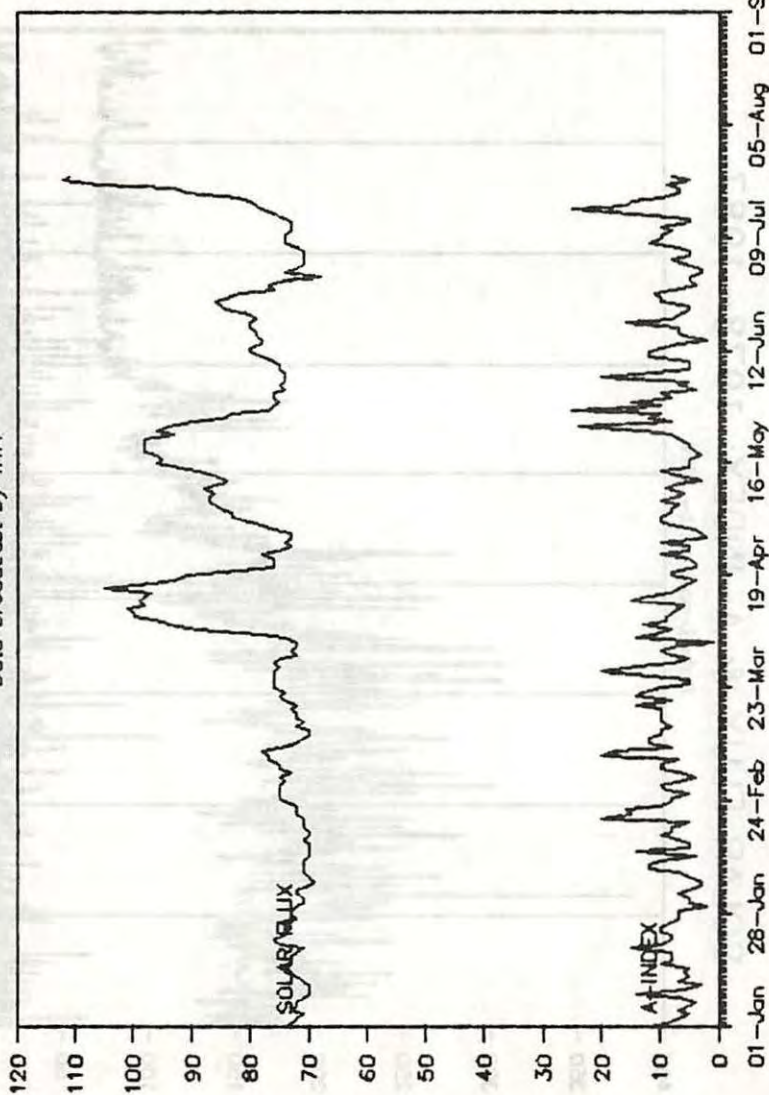
Data broadcast by WWV



01-Sep-78 - Sep-79 - Aug-80 - Aug-81 - Aug-82 - Aug-83 - Aug-84 - Aug-85 - Aug-86 - Aug-87 - Aug-88 - Aug-89 - Aug-90 - Aug-91 - Aug-92 - Aug-93 - Aug-94 - Aug-95 - Aug-96 - Aug-97 - Aug-98 - Aug-99 - Aug-00 - Aug-01 - Aug-02 - Aug-03 - Aug-04 - Aug-05 - Aug-06 - Aug-07 - Aug-08 - Aug-09 - Aug-10 - Aug-11 - Aug-12 - Aug-13 - Aug-14 - Aug-15 - Aug-16 - Aug-17 - Aug-18 - Aug-19 - Aug-20 - Aug-21 - Aug-22 - Aug-23 - Aug-24 - Aug-25 - Aug-26 - Aug-27 - Aug-28 - Aug-29 - Aug-30 - Aug-31

SOLAR FLUX & A-INDEX: Jan-Sept 1987

Data broadcast by WWV



THE MARKETPLACE REPORT

The Marketplace Report is published monthly in the ANARC NEWSLETTER. It is prepared by Harold Sellers, ANARC Technical Editor. Readers are invited to contribute news and information on equipment, companies and services of interest to radio listening enthusiasts. Our address is P.O. Box 161, Station "A", Willowdale, Ontario M2N 5S8, Canada.

New Sony Receivers

According to Bob Grove, writing in MONITORING TIMES, the new Sony receivers, expected in 1987, will be the ICF-SW55 (SW50 in Europe), replacing the ICF-7600A, with an added digital display. It will have a price of US\$269.95 list. The ICF-SW77 (SW70 in Europe) will be an improved AIR-8 handheld receiver, with added VHF coverage.

Grundig Shortwave Receivers

Grundig AG of West Germany has a new North American representative in Lextronix, Inc., 3520 Haven Ave., Unit L, Redwood City, CA 94063, tel. 415 361-1611.

The Grundig Satellit 650 receiver is now being launched by Lextronix at a price of US\$999. The Satellit 400 will be available later in 1987.

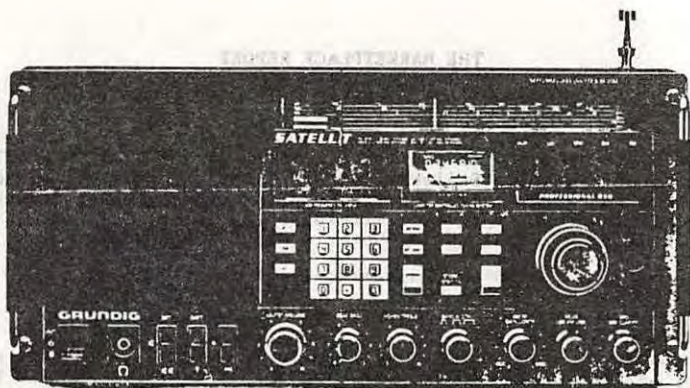
The Satellit 650 receives longwave (148-420 kHz), mediumwave (510-1620 kHz), shortwave (1.6-30.0 MHz) and FM (87.5-108 MHz), in the AM, SSB, CW and FM modes. It may be operated from 115 or 230 volts AC or DC. The DC supply may be from six batteries (plus two for the clock and memory) or an external DC supply.

Tuning may be by numeric keypad or manual tuning dial. Via the keypad frequencies may be entered in either kiloHertz or MegaHertz and leading or trailing zeros are not required to be punched in. Manual tuning may be accomplished in one of two speeds. When turning the dial slowly the frequency increments in 1 kHz steps on the AM bands and 10 kHz on FM, but when turned quickly the steps increase to 3 kHz for LW, 5 kHz for MW, 110 kHz for FM and either 11 or 111 kHz for SW. The sound is muted during fast tuning. A preselector is used for peaking AM reception. Coarse tuning is accomplished by a motor-drive and fine tuning is then done by hand tuning.

There are 60 memories possible in this receiver; 4 on LW, 8 MW, 16 FM and 32 SW. Bandwidths are narrow, broad and super-broad. The broad is intended for most general AM mode listening, while the super-broad is for hi-fidelity audio on MW or FM, when no interference exists.

The clock is a 24-hour type. The clock/timer allows the radio to be automatically turned on and off for up to three different periods. There are two speakers; a broadband speaker and a tweeter. Both speakers or just the tweeter may be switched off.

The Satellit 650 weighs 8.5 kg, without the batteries, and measures 504x242x202 mm. There is a built-in telescopic whip antenna for FM and SW, and a ferrite rod antenna for LW and MW. Rear-panel clamps are provided for an external antenna and a ground and there is also a coaxial antenna connector. Besides these there is a DIN-type connector for the connection of a longwave DF (direction-finding) antenna. Switches are provided to switch from internal to external FM/SW antenna and from ferrite to DF longwave antenna.



Other features are : noise limiter, headphone jack, external speaker jack, auxiliary audio (from recorder or phonograph) input and high-level audio output. Grundig also offers a dryfit accumulator 476, which is a rechargeable battery pack, to take the place of regular batteries in the receiver.

Lextronix provides sales, service and parts for both the United States and Canada. They are also representing Grundig's line of video products.

A unique item available from Lextronix is an 18 minute video instruction manual. This videotape explains the operation of the Satellit 650.

AR-2002 Scanner Dropped by Grove

Grove Enterprises has dropped the AOR AR-2002 scanner from their product line, due to delivery problems, according to the March 1987 issue of MONITORING TIMES.

Regency R1090 Scanner

The R1090 is a 45-channel scanner covering VHF-Low (30-50 MHz), VHF-Amateur (144-148), VHF-High (148-174), UHF-Amateur (440-450), UHF (450-470) and UHF-T (470-512). Forty-five of the most popular frequencies are pre-programmed by the factory. Frequencies may be grouped into any of four channel banks for "bank scanning". The "weather scan" feature allows reception of the National Weather Service at the touch of a button. The suggested retail price is US\$239.95. Regency Electronics Incorporated may be contacted at 7707 Records St., Indianapolis, IN 46226.

Regency Turbo-Scan 800

Also from Regency is the new Turbo-Scan 800 which also features the high scanning speed found on the Informant, ie. 50 channels per second. Twelve frequency ranges are covered: 806-950 Mhz, amateur 10, 6, 2 and 1-1/4 meter bands, space research 136-144 MHz, VHF-AM aircraft 118-136 MHz, Federal government land mobile 406-420 MHz, plus the standard VHF and UHF bands. Among its other features are 75 memories. The price is US\$499.95. The Model TS-2 comes with two telescopic antennas, for standard VHF and UHF, as well as 800 MHz reception.

A New Clock, for DXers, is available from Azimuth Clock, 11030 Santa Monica Blvd., Suite 100, Los Angeles, CA 90025. The Azimuth World Time Dual-Zone 24 Hour Station/Travel/Alarm Clock has two displays, one for UTC and the other for local time at any one of 24 selectable cities or zones around the world. The price is currently US\$19.95 plus \$1.95 shipping and handling.

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Pocom AFR-2010 CW-RTTY All Mode Receiver

The Pocom AFR-2010 Decoder is available from several sources in Europe, but may also be imported to North America from its Swiss manufacturer. The AFR-2010 is capable of decoding almost all types of RTTY signals. Automatic detection of speed, shift and phase takes place and decoding takes place within five seconds of tune-in. A number of optional plug-in boards are also available for the decoding of specialized signals. Further information is available from Poly-Electronic, Spranglenstr.30, CH-8303 Bassersdorf, Switzerland.



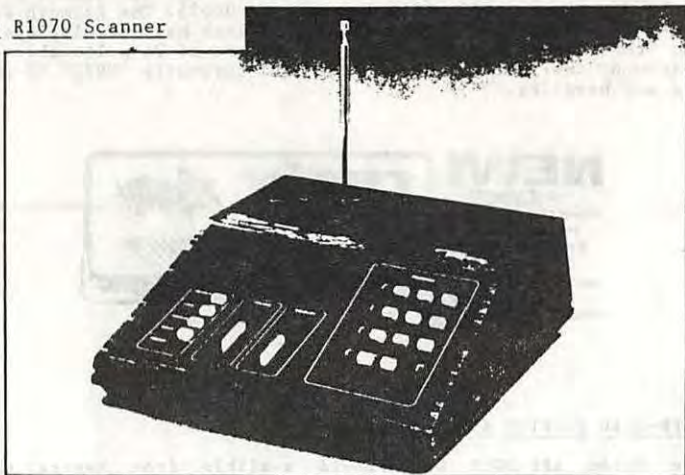
Active Audio Filter

A new audio filter being advertised is VOICEGATE, manufactured by Jabco Electronics in Indiana. Priced at \$100 US, the manufacturer says VOICEGATE has gated audio, dynamic range expansion, two independent carrier nulling filters, one audio bandpass filter, record direct jack, cassette remote control and more. If you want to find out what all that means you can write to Jabco Electronics, Route 1 Box 386, Alexandria, Indiana 46001 for more information or send \$3.50 for a demonstration cassette recording.

Radio West has changed ownership. Grant Manning has sold the company to Steve and Suzanne Miller and as a result the address has changed to 850 Anns Way Drive, Vista, CA 92083, telephone (619)726-3910.

Universal Shortwave have issued catalog #86-11, which may be obtained for \$1.00 from Universal Shortwave Radio, 1280 Aida Drive, Reynoldsburg, OH 43068. Several new products and publications are included in this issue.

Regency R1070 Scanner



This is a 10-channel scanner covering the VHF-Low (30-50 MHz), VHF-Amateur (144-148 MHz), VHF-High (148-174 MHz), UHF-Amateur (440-450 MHz), UHF (450-470 MHz) and UHF-T (470-512 MHz) bands. No crystals are required and the scanner is pre-programmed with ten of the most popular frequencies, but new ones can be easily stored. A dual level vacuum fluorescent display flashes messages to aid in programming and once a frequency is entered into a channel, a special test key automatically verifies the frequency while checking all microprocessor functions.

Scanning can take place over the 10 stored channels or an entire frequency range. During power failures a special capacitor will hold the power for several hours, thus saving stored frequencies. No battery is used for this purpose.

The suggested retail price is US\$159.95. More information is available from Regency dealers or Regency Electronics Inc., 7707 Records St., Indianapolis, IN 46226.

Radio Equipment Review, a compilation of equipment reviews and news, published by Ronald Pokatiloff has been terminated because of a lack of support and contributions.

Heathkit Catalog : Browsing through the 1986 Heathkit catalog we find the HDP-7800 SWL Antenna, which is actually the popular Eavesdropper antenna. A 75 ft. longwire antenna is also offered - the GRA-72. There is a communications receiver speaker in an attractive cabinet - the SP-99. The HD-1418 Active Audio Filter, HFT-9 Antenna Tuner, HD-1424 Active Antenna, HD-1422 Antenna Noise Bridge and HD-1420 VLF Converter are other useful accessories. The SW-7800 Shortwave Receiver continues to be available as well. For a copy of the latest catalog write to Heath Co., Benton Harbor, MI 49022 or 1020 Islington Ave., Toronto, Ontario M8Z 5Z3.

A copy of the Grove Enterprises 1987 catalog is now available from Box 98, Brasstown, NC 28902.

MORE EQUIPMENT NEWS NEXT MONTH. TUNE IN THEN.

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DXtra

Besides **FRENDX**, NASWA also publishes **DXtra**... a mid-month newsletter with the very latest DX news while it's still news. It is available only to NASWA members:

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|--|--------|
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| North America | \$1.00 |
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AWARDS PROGRAM CHAIRMAN - John Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA 01545

COUNTRY LIST CHAIRMAN - Don Jensen, 5204 70th Street, Kenosha, WI 53140

U.K. REP. - Alan Thompson, 16 Ena Ave., Neath, W. Glamorgan, Great Britain SA11 3AD