



ANARCON 1988

Convention Information Update

BROADCASTERS REGISTERED TO ATTEND ANARCON'88.

Ray Briem, N6FFT, producer of the RAY BRIEM SHOW - ABC Talkradio Network.
Ian McFarland, producer of the DX DIGEST on Radio Canada International - RCI.
Brent Allred, producer of the DX PARTY LINE on HCJB in Ecuador
George Wood, producer of Sweden Calling DXers on Radio Sweden International - RSI
Bill Pearl of the ABC Talkradio Network - Los Angeles, CA
Greg Hardison of the ABC Talkradio Network - Los Angeles, CA
Monica Pilkiewicz of the International Red Cross Communications - Switzerland
Dieter Wernig, producer for the Voice of Germany - VOG

SHORTWAVE RADIO PERSONALITIES REGISTERED TO ATTEND ANARCON'88

Robert Horvitz, ANARC Secretary-General
Mike Harris, ANARC Publicity Director
Andy Sennitt of the World Radio TV Handbook - Holland
Paul C. Hale of Friends of Radio Peking
Mike Witkowski of the Association of DX Reporters - ADXR
Ken Stryker of the Longwave Club of America - LWCA
Don R. Schmidt of the Southern California Area DXers - SCADS
James W. Young, WB6FNI, Radio Astronomer
Gordon West, WB6NOA of Gordon West Amateur Radio Schools
Dale Sinner, W6IWO, publisher of the RTTY Journal
Bill Pasternak of the WESTLINK Report
Larry Ledlow, NA5E, Chief Editor of "73" magazine
Dick Dillman of GREENPEACE
James Savage of the International Institute of Communications, London, ENGLAND

TENTATIVE ATTENDEE'S TO ANARCON'88

Kim Elliot of the VOA
10 Person tour group from Bangladesh

SPECIAL EVENTS STATION

WB6FNI Station manager is James W. Young and Karen Young - N6PJJ

EXHIBITORS

World Radio TV Handbook via Billboard
Radio West
Voice of Germany
HCJB
Radio Canada International

ANARCON CLUB DISPLAYS

ASWLC - American Shortwave Listener's Club
IRCA - International Radio Club of America
SCADS - Southern California Area DXers
ODXA - Ontario DX Association of Canada
LWCA - Longwave Club of America
RCMA - Radio Communications Monitoring Association
SPEEDX

WINE and CHEESE RECEPTIONS

Radio Canada International
World Radio TV Handbook via Billboard Publications

SPECIAL CONVENTION DISCOUNTS

Orange County Fair 2 miles from convention
Orange County Transit District special discount fares
DELTA Airlines Special air fares to the convention

Stephen G. Moyer
178 Bartlett Ave.
Cranston, Rhode Island 02905
(401) 941-6497

CONTACT

JUNE 1988

CONTACT

Greetings and salutations in this first real month of summer. I hope that your vacations, SWLing/DXing, and anything else that you do to relax and have a good time, is all going well. For myself, I have determined to do nothing more arduous than to turn the dial on my SW radio—fortunately, there are also buttons to push in the event that dial twisting becomes just *too* taxing.

CONTACT

Last month, *Ernie Behr* wrote to CONTACT about some problems he had with the NASWA Country List, and the committee's choices for inclusion in (and exclusion from) the list. This month, *Don Jensen* (Kenosha, Wisconsin)—who, as you will read, has had a lot to do with the list—replies to Ernie's questions. Before we go on to Don's letter, though, there might be some readers (newcomers, perhaps) who wonder what a country list is, and what purpose it serves. Essentially, a standard list of countries is useful for just about any SWL/DX purpose you can think of, but it is particularly necessary in the matter of competitions. A standardized list of acceptable "contacts" makes the rules easier both to formulate and to follow. There is, therefore, no little interest in just which countries are on such a list, as there are sure to be people who have a serious interest particularly in those countries *left off* the list. Such a list is the basis for deciding the standing of DXers, and the winners of competitions. Well, with that in mind, let us move on to Don's letter:

A supreme Court Justice has said that while he is hard pressed to define obscenity, he knows it when he sees it. The same could be said about a radio country. As a newsman covering the courts, I know it often is well nigh impossible for juries to agree on what constitutes obscenity in that broad middle ground that exists between almost-universally-detested child pornography and, say, something like *Catcher in the Rye*. Equally, personal views vary on what should be and what should not be counted as a radio country.

Ernie Behr's comments on the country list in last month's CONTACT are interesting and valid. But so are anyone's personal views on the subject of radio country lists. In short, it is an arbitrary matter, hence opinions as to what "really makes much sense" are largely individual and probably equally valid given that perspective. Having said that, though, we come to the nub of the problem, a radio country list exists as a standard and hence somebody's arbitrary decisions will create a standard.

In limited space, it's impossible to go into any detailed discussion. I've had the opportunity to do so at various DXer gatherings and conventions in past years and invariably the discussions go on for well over an hour of give-and-take.

A common, though I believe mistaken, notion is that creating a simple-to-use, simple-to-administer, one-time, all time consistent and logical radio country list that would be readily, willingly and widely used by DXers is a snap! Having been involved in the process for at least 20 years, I can attest to the fact that coming up with such a perfect list is, flatly, impossible.

Thus we do the best we can and accept the limitations and contradictions. Since there is no compulsion on anyone to use this or that list, the fact that the SW world today, the great majority of DXers have voluntarily and willingly chosen to use the NASWA list suggests to me that for most people, it is the best compromise available. We must be doing something right!

Suffice it to say here that "a more realistic country list" to which Ernie refers is perfectly possible. How about the United Nations membership list? But how many DXers want to use a radio country list with only 140-odd tar-

gets, including those that have never had shortwave operations? Further, how realistic is a list that included several Soviet republics as sovereign countries?

The NASWA list, as outlined in its preface, is selected considering three basic and often conflicting criteria: political... geographical... and traditional. The most controversial and perhaps least understood is the last.

By traditional, we mean that which has developed over the years by nothing more formal than common practice. That, for instance, is why the list considers the Soviet Union republics separate radio countries but not the Australian states; why Indonesia is a series of countries but China is not.

The Naswa list is an all time list—at least since 1945, its arbitrarily chosen starting point. Once a country, always a country, even if politically a region loses independence or otherwise changes status. While Ernie may personally be willing to accept the “loss of a few points” to have a list that more closely reflects a current map, the committee feels confident that most DXers don’t want to have to subtract a country from their totals just because some country chooses to gobble up a smaller neighbor or for some other non-DXing related political reason.

The philosophy of the NASWA list is to try to provide a reasonably large number of SWBC targets. Clearly this means that arbitrary decisions will have to be made by the NASWA committee, which is made up of five experienced DXers with varying viewpoints.

The most recent changes resulted from about five months of extensive discussions, yes, even arguing. Votes were taken. Approximately as many proposals for new countries were rejected, some by 3-2 votes, as were accepted.

And over the years, most of the cases promoted by Ernie in his comment, such as International Waters, Sinkiang, Inner Mongolia, Cabinda, etc., have been fully considered, though not accepted by the committee. (By the way, Turkish Cyprus, which Ernie mentioned, has been included in the list for some time.)

Obviously there will be disagreements with the country list committee’s choices. They have been informed choices, and there are logical explanations for each, though certainly another committee might have reached other conclusions from the same factual situations.

The bottom line, however, is that it is of relatively minor import whether a foot ruler is 12 inches long, 11, or 13, or even 14.723 inches. What is important is that we—for the sake of whatever comparative measurements we wish to make—can agree to use the same standard.

I’m always glad to learn that someone has returned to SWLing after being away from it for whatever reason. That is the case with *Terry Weinhold* (Denver, Pennsylvania) who writes to us about it (his letter was sent to me via Bill Oliver and my thanks to Bill for it):

I don’t know if you can remember my name, but I had been pretty active in NASWA from about 1977 to 1984. I enjoyed SWLing, but in mid-84 I made the mistake of getting into Ham radio, and SWLing fell by the wayside. Now, four years later, I have seen what a mess Ham radio has become, and have started SWLing again. I dug out all my old FRENDXs and have been poring over them. I miss FRENDX and all the friends I had made, and I would like to rejoin. [...] I have a Yaesu FT-One, but I seldom use it for shortwave. Instead, I use a recently acquired (1986) R-390A, and am negotiating for a Racal RA-17. I like older rigs. The new, tiny sub-compact jobs just aren’t very much fun to work with. I still have my old DX-160 and FRG-7. I just kinda hang on to them for personal reasons.

I see that Kenwood and Yaesu have certainly come out with some hi-tech rigs lately. I guess everyone in the hobby has gone to computer logging by now—too bad. We’re being computered to death these days.

One of my favorite things to do is to look at the list of contributors in the back of FRENX and note how the radios have changed over the years. When I joined in 1977 a lot of people were using old Hallicrafters gear, and a lot

of National radios were listed also. Those were the days when the SPR-4 and the HQ-180 were KING. I hope that things haven't changed too much but I'm sure they have. [...]

Well, yes, things have certainly changed. True enough, the integrated circuit and the microprocessor have indeed made huge changes in receiver technology (and, yes, many people do keep their logs on computer—instinct tells me, though, that they are in the minority). On the other hand, there is what seems to me to be quite a large (and growing) community of interest in older receivers. Hardly an issue of FRENEX or any other communications technology journal appears that does not contain at least one wistful mention of older and more interesting (coaxing the listener into a greater level of involvement in the listening process) examples of receiver technology. I suspect that you will find yourself pleasantly surprised at the interests you will share in common with your new friends in NASWA.

It is encouraging to see mentions of SWL in the popular press. Not too long ago there was a flurry of articles because of interest in the opening of the Christian Science Monitor SW Service. From Arthur Krull (Fort Lauderdale, Florida) comes a small piece that appeared in his local newspaper, *The FL Sun Sentinel*. It is by Hans Fantel, a syndicated columnist for the New York Times who writes on anything to do with audio technology. Every now and again, he writes a column that keeps his readers abreast of what is news in SW receivers. To my knowledge, he has not written about the big table-top receivers, but rather has chosen to concentrate on 'entry-level' receivers of the portable type—the kind of thing that someone could go out and buy (if their interest were piqued), set-up and listen to the BBC. The article tries to interest the reader in SWL with a number of arguments while also telling us in the SWL community something interesting, too:

When public confidence in the government is shaken, it seems that people are eager to hear what is said about us in other countries. That's why the sale of shortwave radios perks up during political crises. For example, during last years congressional investigation of arms sales to Iran, there was a run on such radios, and—according to trade reports—they have been selling briskly since.

Surprisingly, the interest in shortwave radios is not confined to hams who chat on the air with their electronic pen pals all over the world. Even dealers specializing in audio components say that they have had an unusual number of inquiries about shortwave equipment.

This is all the more remarkable since audio fans traditionally have been indifferent to the shortwave medium, and with good reason. Fidelity on shortwave is, to put it mildly, dismal. Most of the time it sounds like a bad telephone connection. But shortwave has the advantage of bringing in a diversity of news not to be found elsewhere on the dial.

Unlike other broadcast frequencies, which carry only a limited distance, shortwave easily spans oceans and continents, thus making it possible to compare the coverage of the day's news from such disparate venues as Washington, Moscow, Jerusalem, or Jakarta. Fortunately for American listeners, nearly all state-sponsored broadcasting services employing shortwave air their news and commentary in English at certain hours. However, it should be kept in mind that these airings often represent an official government viewpoint on the country of their origin rather than an independent opinion...

There follows here a very simple explanation of why SW works. Fantel then goes on to describe the shrinking effect on SW radios by the use of integrated circuits. The wonders and delights of digital tuning (and preset memory tuning) are also touched upon. "Three outstanding designs of this type" Fantel lists as the Panasonic RF-B60 (\$280), the Sony ICF-2002 (\$250) and the Sony ICF-2010 (\$400).

Well, that's all for this month. CONTACT this month was assembled on FullWrite Professional (a new and very powerful WP/DTP package from Ashton-Tate) using ITCPalatino. I hope that you will write to us and let us know what you are thinking. Much good listening and many warmest 73s to one and all—



Easy Listening

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

Over the last three years that I've been doing this column, the focus has been on reviewing feature programs and to ignore the various news bulletins on shortwave. However, there is a great deal of variety in the way the news is presented—and what is considered news—from country to country, so I thought that for the next two months I'd devote this space to a run down of the news bulletins. But I should warn the reader that I have no hesitancy in expressing my opinions here, opinions which I realize are open to disagreement. All programs are daily unless otherwise specified.

News Release: Passport to World Band Radio is pleased to announce that our editor-in-chief, Lawrence Magne, can now be heard each month on "DX Corner" VIA the facilities of Nippon Hoso Kyokai (NHK), the Japanese National Broadcaster.

This exciting new feature consists of evaluations of a wide variety of world band radio products and is to be aired worldwide. The inaugural broadcast took place May 15th, 1988. Subsequent broadcasts may be heard as follows (all times and dates are of course, in UTC):

Sunday 0925 to Asia on 11.840 // 17.810 Mhz. 1525 To North America, Europe and the Middle East on 9.505 // 9.695 // 11.815 // 21.700 Mhz.

Monday 0125 to the Americas on 5.960 // 15.195 // 17.810 // 17.845 Mhz. 0325 to Asia on 11.840 // 15.195 // 17.810 Mhz.

SUNDAY

0000-0010 **"News"** (Spanish Foreign Radio). This bulletin usually includes two or three stories of primarily Spanish national interest—state visits, the operations of the Basque terrorist organization, Etta, etc.—and quite a few items of international interest, such as the Afghan-Pakistani peace talks, the Gulf War, the middle east, Panama, etc. The news bulletin is followed by two or three minutes of sports news, and on Sundays by "The Week In Spain", an examination of the week's top stories of Spanish national interest. Frequencies are: 6.125 // 9.630. Repeated at 0100 on the same frequencies and at 0500 on 6.125.

0400-0430 **"Newsdesk"** (BBC). This half hour new program follows a definite structural pattern. The first ten minutes is a brief review of the day's top stories, followed by another ten minutes of correspondents' reports that examine some of these stories in more detail. The next five minutes is a review of the main British national news, and the last five minutes a review of the British press.

MONDAY

0000-0010 **"News"** (Radio Moscow). The news begins with a brief summary of the headlines, followed by the stories in detail. Some of this concerns official government policies—often including summaries of speeches by Mikhail Gorbachev—and items of international interest. Many of these seem to be chosen with an eye to embarrassing the US—such as protest in the Philippines over the US military presence—or with painting the USSR in a rosy light, such as referring to Armenian protestors as "hooligans" and "criminals". Frequencies are: 7.115 // 7.150. Repeated every hour on both North American and World Service frequencies.

0100-0110 **"News"** (V.O.A.). Although the presentation style of the VOA will be familiar to most Americans—much like that on any radio network news show—one wonders sometimes if the VOA doesn't get just as much a kick out of embarrassing the USSR as Radio Moscow gets out of embarrassing the US. Although the reporting is factual and the language less slanted, one wonders with all the events that could be reported why VOA likes to talk about Armenian protestors or the arrest of refuseniks. Maybe those were the most newsworthy stories; maybe not.

TUESDAY

0000-0020 **"News"** (Radio Beijing). Although the first ten minutes of the bulletin is officially devoted to "world news", many stories of primarily national interest are included as well, especially those involving official visits or the official business of the People's Congress. The next five minutes is devoted to specifically "News About China", but the focus here tends to be on Chinese regional rather than national items. The last five minutes is devoted to a special feature story or commentary. Frequencies are: 9.770 // 11.715. Repeated at 0300 on the same frequencies and at 0500 on 9.690.

0200-0210 **"Brazil in the News"** (Radiobras). The focus here is totally on items of national interest, international stories being included only as Brazil is involved: i.e. trade agreements between Argentina and Brazil. Much of the news here focuses on the debates in the Constitutional Assembly, regional Brazilian politics, and economics. Frequency is 11.745

WEDNESDAY

0000-0010 **"News"** (Kol Israel). Most of the focus here is on national and regional items, especially in recent month the Schulz peace initiative and the riots/demonstrations/uprising in the occupied territory. In all fairness to Israel, one does get a sense of divergent opinion in the country over how to handle the unrest in the territories. Frequencies are: 7.462 // 9.435 // 9.815. Repeated at 0100 and 0200 on the same frequencies Sunday through Friday.

0215 **"News"** (Radio Cairo). As with Israel, much of the news is focused on national and regional issues although, as with Israel, there is some inclusion of broader items, such as the Afghan-Pakistani peace agreement. The reporting tends to be factual and the language not particularly slanted. But listening to Radio Cairo and Kol Israel one does get a different impression simply by the selection of stories. Whereas Radio Cairo duly reports the number of Palestinians killed or wounded in the uprising (figures that sometimes differ slightly from Kol Israel's), Radio Cairo is not likely to report the cars attacked by stone throwers on the Tel-Aviv-Haifa highway, a fact which Israel does report on as well as on the number of Israeli soldiers and/or civilians injured in the demonstrations. On the other hand, Israel does tend to downplay the demolishing of Palestinian homes. The difference is sort of between the 'murder' of Abul Jihadd and his 'assassination'. Frequencies are: 9.475 // 9.675. Repeated at 0315.

THURSDAY

2200-2230 **"The World at Six"** (Radio Canada International). This program, actually a production of the domestic CBC, will be quite familiar to most Americans in its presentational style, much like that of the VOA or the major American radio news networks. Obviously there is much more here of primarily Canadian interest than there would be on a US news program, but there is also a good bit of international interest as well.

0000-0015 **"News"** (Radio Havana Cuba). Although there are some items of international interest, most stories tend to concentrate on Latin American concerns. One might not be surprised to discover that the news is often presented in slanted language. The Contra rebels--what--ever else one thinks of them--are usually referred to a "mercenaries" and the impression created is that the Contras are merely mercenary soldiers in the pay of the CIA fighting Reagan's war with Nicaragua in lieu of the US army. One interesting item that I just heard was that 32 people has disappeared in El Salvador since the beginning of the year, and that it was "assumed" they had died under torture. Although the impression was created that the El Salvadorian government was behind it, there was no evidence given that these disappearances could not have been "arranged" by the Salvadorian rebels. News is followed by five minutes of sports news at 0010 frequency is 6.090. Repeated every hour until 0600.

FRIDAY

0100-0115 **"News"** (Radio Japan). A number of items of international interest, but primarily those of Japanese concern, especially those relating to economics and trade talks and disputes with the U.S. Also includes, at the end, a report on the day's activity on the Tokyo stock exchange and the rise or fall of the dollar against the yen. (5.960)

0200-0230 **"Dateline"** (Swiss Radio International). Perhaps one of the best sources for a truly international outlook, since the world news bulletin for the first ten minutes of the half hour cover a number of stories that get limited or no coverage elsewhere--a twenty-four general strike in Argentina or the revocation of the half hour is devoted to interviews and special features, such as an interview with the Red Cross official investigating human rights violations in Cuba, two women living in Switzerland who have just published a book on the lives of the great composers, the humanitarian aspects of the Afghan-Pakistani Peace Accord and an interview with the UN negotiator of the accord. Frequencies are: 6.135 // 9.725 // 9.850 // 12.035. Repeated at 0400 on the same frequencies.) On Saturdays and Sundays, new bulletin only.

SATURDAY

1200-1215 **"News"** (Radio Australia). Although there are many items of international interest, the focus tends to be on the Asia/Pacific region and will include a number of stories on the region--i.e., student protests in Bangladesh--that do not appear elsewhere. The last five minutes of the broadcast is specifically "Australian News". Check 9.580 // 9.655. Repeated every other hour.

"News" (Radio RSA). As one might expect, news of anti-apartheid activity is muted at best. But there are any number of good items about the African region in this broadcast, items that get little coverage elsewhere, such as the successes or failures of the Ranamos rebels in Mozambique. And, also as one might expect, there is quite a bit about the fighting in Angola. Frequencies are: 9.580 // 9.615 // 11.730. Repeated at 0300 on the same frequencies.

* * *

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: ICOM R-70 DC power kit, \$7.00. Price includes shipping. My receiver was stolen so I can't use this any longer. David Swaringen, P.O. Box 786, Huntersville, NC 28078. Phone (704) 552-6500 weekdays or (704) 875-1514 nights and weekends.

WANTED: Heath GR-78 portable of 1970 vintage. Needed for components so it doesn't have to work. Write describing condition and giving phone number to John Anywodi, 509 South Main Street, Lexington, VA 24450.

FOR SALE: MFJ-959B Shortwave antenna tuber and preamp. Brand new in box, \$70.00. Mosley SWV-7 outdoor trap vertical antenna covering 11 through 49 meter bands. Slightly used covers, \$80.00. Rick Krzemien, 416 Country Brook Loop, San Ramon, CA 94583. Phone (415) 275-0189 after 4 pm PST.

FOR SALE: Customized Beam Headings (from/to) and Distances (MI/KM) to over 435 WRTH-88 transmitter sites. Useful in selecting alternate transmissions and choosing listening times based on distances. ITU Country Codes included. Send your location/coordinates, \$5.95. WRTH-87, \$9.95. FRENDX-87 complete \$7.25. Gilfer Confidential Frequency List and Guide to RTTY Frequencies, \$5.25 each. All prices include shipping. Cashiers Check or Money Order, please. Al Drehmann, Route 2, Box 3-B, Tryon, NC 28782. Phone (704) 894-3398.

FOR SALE: Panasonic RF-B-300 AM, FM, SW/SSB/CW, four years old. Meter light out, otherwise in good condition. Includes custom jacks for car voltage and car antenna jack, \$70.00. Panasonic RF-B20 AM, FM, LW. Two years old and in excellent condition, \$40.00. Sony AM Stereo/FM Stereo SRF-A-100 including external speaker jack. Three years old and in excellent condition, \$35.00. Sangean SG-792 AM/FM/SW and some out-of-band channels. Will not work well in high RF and/or intermodulation areas, but otherwise in excellent condition. Includes external power and ear-phone jacks, \$20.00. All prices firm. You pay UPS shipping and packing. J.E. Lewis, 1028 West 41 Place, #3, Kansas City, MO 64111-4090. Phone (816) 931-5632 weekends anytime or business days 6:30 to 10:30 pm CDT.

FOR SALE: NRD-515 receiver with 4.7, 2.9, 2.2, and 600 Hz filters, NDH-518 96-channel memory, external speaker, manual, and cartons. All in mint condition. Price \$1000.00. Also never-used Autek QF1A filter, \$70.00. All prices include shipping. Steve Leite, 190 Healy Street, Fall River, MA 02723. Phone (617) 675-2830 from 2100 to 0000 UTC.

FOR SALE: Yaesu FRG-7700 receiver with 12-channel memory and the FRV-7700 VHF converter. Mint condition, \$400.00. Sangean ATS-803A (newest model) portable with AC adapter. New condition, \$165.00. Prices include shipping. Bob Schoenleber, 310 Yardley Commons, Yardley, PA 19067. Phone (215) 493-1019.

WANTED: I am looking for a copy of "All Language Broadcasts" for the month of November, 1981. This was published by the Atlantic States DX Association. Anyone having a copy please write to Stephen Foley, 2566 Bainbridge Avenue, Brooklyn, NY 10458.

WANTED: I would like to purchase some of the pennants from the more "difficult" stations to fill out my collection. Please write for list or describe what you have for sale. John Huniwell, 188 Chestnut Drive, Barnegat, NJ 08005.

DX'ers Forum

Conducted by Rowland Archer, 5524 Hawthorne Park, Raleigh, NC 27612

June, 1988

With Spring comes new things and this season is certainly no different for FRENDEX. Starting with this column, Rowland Archer will be taking over "conductorship" from me in order that that Dr. Cones and I can better address the issues that come with the Editorial Committee positions. As you may know, Rowland has made several major contributions to the column and also has made quite an effort behind the scenes by printing *DX'ers Forum* on his laser printer. It is my plan to continue to contribute regularly to Rowland's column with noteworthy items from NU, FT and personal observation.

In the upcoming months, you will certainly see mention of the East Coast SWL Conference Ham/Computerfest to be held here in Virginia Beach, September 17 - 18th, 1988. *Computer Corner's* Tom McElvy is putting forth a yeoman's effort to make sure this event is a success. So far SWL forums with Johnathan Marks from Radio Nederland, the infamous Dr. DX, Robert Horvitz, ANARC Executive Secretary, myself and many others have been confirmed. Don't waste time, start making your plans now to attend this event! Further details can be obtained **RIGHT NOW** from:

The Old Dominion DX Association (ODDX)
P.O. Box 9645
Norfolk, VA 23505-0645

From John Bryant, Special Projects Editor for *Fine Tuning* comes an interesting item regarding sending taped reports to Indonesia: "DX'ers considering sending audio tapes to Indonesia should know that all videotapes are stopped at customs and may be recovered by the recipient only if they pay a large fee for the customs officers to review the tapes in their entirety. Last year, in a burst, I sent 14 reports to R.R.I. stations (I had a beverage up then). I know now that only two of the reports actually reached the stations. I suspect that the government is very concerned about subversion.

Also a word of thanks to all of you who took the time to send in items and suggestions to me for the improvement of FRENDEX. A special thanks goes to Marlin Field for his contributions. He rates a tip of Kap's Kap!

A speedy recovery is wished for our Distribution Editor, John Henault, who was badly injured as a result of an accident incurred in the line of duty. As many of you may know, John is a police officer and during a recent high speed chase, was involved in rather a serious accident which landed him in the hospital for what looks like may be an extended period of time.

-Chuck Rippel

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Thanks, Chuck, and I'm sure the NASWA membership joins me in a hearty round of applause for the work you've done with *DX'ers Forum*. I'm honored by this chance to conduct the Forum and let me assure our readers that I intend to continue the editorial directions you've established.

-Rowland Archer

On to the Middle

Part 2 (Cont'd.): QSL'ing: What Works;
What's Just Throwing Your Money Away?

by Kirk Allen and Rowland Archer

ENCLOSURES

What do you stuff in the envelope along with your reception report to increase your chances of a reply from a difficult verifier? This is one of the most mystery-shrouded topics in QSL'ing. There seems to be a general belief that the giants of QSL'ing have found some magic enclosure, a secret talisman that charms even the most jaded Peruvian *gerente* into sending not just a mere QSL but also pictures of his station, his family, giant multi-colored cloth pennants, and long personal letters. Alas, we have it on good authority that no such magic exists. If it did, then folks like Henry Lazarus, one of the hobby's most determined QSL'ers, would not be sending as many as 40 or more followup reports to a station before getting a reply!

We have seen *no* evidence that enclosures are highly correlated with success in reply rate. They are better viewed as a form of insurance, hoping to get the attention of that *right person* with something (anything!) uniquely different about your report from the other 5 or 10 or 100 that have come in that week. The theory is that you *might* inspire someone to go out of their way and do something extra for you (verify your report), by doing something extra for them (send them a nice goodie as well as a report). The reality is, you just don't know.

Despite the fact that there is no "guaranteed winner" of an envelope stuffer, many DX'ers guard the identity of their personal favorite enclosures more closely than the US government guards the secrets of the stealth bomber. There is a probably well-grounded basis to this; if a unique idea for an enclosure gets widely known and used, its effectiveness as an attention-getter is diluted or eliminated.

So, rather than trying to figure out what someone else is doing, this is an opportunity for you to get creative and give your report a personal touch. Try something that conveys some information about you or the place you live; personalized enclosures are by definition unique. Some ideas: postcards with views of your area or state; stickers from radio stations in your locale; photos of you and your listening post; your own personal "SWL Card" or pennant; copies of articles written up about your hobbies in a local newspaper (limited in value for non-English speaking countries); local sports team stickers, decals, or jacket patches.

Another time-honored (and thus perhaps time-worn) idea is to include a small glassine envelope of used commemorative stamps (the price is right, just cut or soak them off envelopes), in the hope that your reader is a stamp collector.

Watch for items in DX bulletins about stations you're trying to verify; sending a copy of a news item about the station or preferably individuals at the station has been correlated with a good reply rate from some difficult stations, although we can't say it's the reason for the QSL's.

Bear in mind that it seems a bit degrading to the hobby if you overdo it with enclosures to compensate for a poor report. In fact, this may boomerang on you. The person reading the report may be insulted, thinking that you believe their verification can be bought for a few trinkets. The best way to obtain a QSL is by placing the most emphasis on the quality of your report.

RETURN POSTAGE

The vast majority of international broadcasters do not require you to send return postage (sometimes abbreviated "rp") for a QSL. When reporting to the smaller, regional stations, there are two reasons to include return postage. One is to increase your chances of getting a reply. The other is out of courtesy to the station. You're asking them to do you a favor, and they probably have not budgeted money for sending mail to listeners outside of their target areas.

Sending return postage is expensive, perhaps doubling the cost of your report. If you're on a tight budget, you can save money by focusing on stations that have QSL'd reports with no return postage. Read the QSL report columns to see which stations do this. If you use the "no rp" approach with stations who ignore such reports, you will be wasting your money. Balance the cost of even one followup against including return postage with your original report, and the latter approach starts looking more economical.

One way to gauge a station's likelihood of replying to a report with no return postage is to look at their listing in the *World Radio TV Handbook*. Near the end of each station's listing there is an item that starts with "V," which stands for "Verification" policy. The notation "Rp." means the station requests that listeners include return postage with reception reports. No "Rp." may mean that the station doesn't require return postage, or it may mean that no answer on this question was received from the station. Unfortunately, as many have discovered, just because a station reports to *WRTVH* that they QSL doesn't necessarily guarantee a good verification "policy" or record, e.g., Sierra Leone.

The most common ways of sending return postage to a station are International Reply Coupons (IRC's), mint stamps, or cash. IRC's may be obtained at your local post office, currently at a cost of \$.95 each. Your correspondent can exchange one IRC for enough postage to cover the cost of a surface mail reply to you. Since surface mail may take many months to reach you, and seems to be more subject to getting lost than airmail, you will probably want to send two or three IRC's, enough to cover the cost of an airmail reply. You can readily see that the IRC route gets expensive in a hurry; \$1.90 or \$2.85 for a two or three IRC enclosure. When you couple this with the fact that many stations and even foreign post offices don't understand what an IRC is, and view them as a hassle to deal with, you can see why IRC's have suffered a drop-off in popularity as a form of return postage. The real blow to IRC usage has been

the cheaper, better alternatives: mint stamps of the foreign country, or just slipping \$1 in the envelope. However, it was recently reported in Glenn Hauser's *Listeners' Notebook* that it is now illegal for a Peruvian citizen to be in possession of foreign currency. It may be a good idea to keep that in mind.

The mint stamp approach has blossomed in popularity. Two good U.S. sources geared to DX'ers and hams needing foreign mint stamps for return postage are:

Bill Plum	DX Stamp Service
12 Glenn Road	7661 Roder Parkway
Flemington, NJ 08822	Ontario, NY 14519

We have used both these sources and they work well. You tell them the countries you are writing to, and they will sell you just the right amount of mint postage from that country to cover the cost of an airmail reply. In almost all cases, the cost is less than that of two IRC's, and sometimes even less than one. Each of these sources has better prices for some countries than the other, so get both price lists, available for a SASE from each vendor.

The easiest but perhaps most controversial form of return postage is a \$1 bill. We don't know of any surveys done to see how stations feel about getting US dollars for return postage, but Sam Barto's QSL column shows a lot of DX'ers having success with this approach. Here are the pro's and con's:

- Using US Dollars for Return Postage:

PROS: Costs less than 2 IRC's

- Costs less than most mint stamp packets
- Readily available
- Worth more than cost of airmail postage in many countries.
- \$1 may cover labor and stationery costs

CONS: It may be illegal to possess US dollars in some countries

- The station has to exchange your \$1 for stamps or local currency
 - Your \$1 is more likely to be pilfered than stamps or IRC's
-

Sometimes the economy of the target country must be taken into account. For example, due to the erratic nature of the Bolivian economy, and the sometimes enormous rate of inflation there, the Bolivian mint stamps you bought and sent with your report may be worth far less than the going postal rates by the time they reach the station. Experience with Bolivian stations has shown that dollar bills work well with many of them. In general (not just with Bolivians), if you get no answer to your first report, sometimes varying your form of return postage in subsequent reports will do the trick.

FOLLOWUPS

A followup is sent after a reasonable period of time has elapsed since you mailed your reception report and you have received no reply. It consists of a copy of your original report plus a polite note stating that you have not heard from the station and perhaps your original report was lost in the mail. If you don't have the ability

to make copies of your reports, you could send a new letter with a review of the original reception. Explain that you are still very interested in having the station verify your report and you hope you will hear from them this time.

Sending followups at regular intervals is by far the most important thing you can do to QSL the tough ones!

For your first 100 countries QSL'd, you might get 80% to 90% or better response without followups. However, you will probably find some stations that steadfastly seem to ignore your reports. Followups sometimes work when even new reports are ignored, and sometimes with astounding speed from a notoriously slow verifier. If you are serious about QSL'ing, make followups an integral part of your strategy. Keeping fresh letters arriving at the station at some regular interval raises your chance of having a report in front of that right person at the right time. Often DX'ers have received QSL's from stations not heard in many years. That would seldom occur if it wasn't for the followup.

How often should you send followups? A typical interval is 3 to 4 months, since that seems to be the timeframe within which most verifications are received. You must balance the expense of frequent followup reports against waiting too long and letting your report grow stale. Many DX'ers use a 3 month interval. Much less than 3 months and you stand a fair chance of having your followup report cross the station's reply to your last report in the mail, a waste of your time and money. In really tough cases, however, a strategy of sending several reports spaced closely together can get results when the standard 90 or 120-day interval doesn't. There is a chance that the person opening the mail will start to recognize your reports arriving once a week and have mercy on you!

One debate is whether to send return postage with all your followups. Here again, the trade-off between cost, probability of a reply, and desirability of the reply that come into play. If you're trying to QSL a station known to be an extremely tough verifier, such as Radio Tanzania Zanzibar, you may want to take no extra chances and include the works, a prepared card and a self-addressed envelope plus some personalized enclosure. The strategy is to make it as easy as possible for a person inclined to verify your report to do so. On a station that verifies well but intermittently, such as Radiodiffusion Television Ivoirienne, return postage seems not to be the issue, even though their *WRTVH* entry requests it. What is important is to send a report during a period when they're verifying, and then you'll probably get your QSL.

QSL'ING TO REACH YOUR GOALS

As with most things in life, if you decide what your goals are in pursuing QSL's, you can tune your methods to better reach them. You might be one of the many DX'ers into "the numbers game," seeing how high you can raise your count of "countries and stations verified." If increasing this count is more important to you than getting exotic and interesting QSL's, you will probably want to make it as easy as possible for the station to verify your report. To do this, you would send a high-quality report which the recipient can easily recognize

as a bona fide reception of their station; a prepared QSL card which the reader need only sign and return, and a self-addressed stamped envelope. A prepared QSL is a card you make up and include with your report. Although generally less desirable than a station's own QSL, it often increases your chance of a reply and you can make sure the verie statement contains the desired "full-data" time, date and frequency of your reception.

You might make it even easier by putting your address and the mint stamps on the reverse side of the prepared card, so the verie signer doesn't even need to seal an envelope! Although this is the ultimate in ease-of-replying for the station, it is also the bottom of the barrel in interesting veries, since you are making it impossible for the station to use your return postage *and* send you anything extra, such as a letter or pennant. A postcard is also more likely to be lost or damaged in the mail than a letter.

Perhaps the numbers game is only of mild interest to you, and instead you want to build the most interesting possible collection of QSL's, even if it takes many years. If you fall in this category you will probably not want your QSL collection to be dominated by your own prepared cards. Although they are perfectly valid veries, they can get rather boring in large numbers. You will probably only want to send a prepared card after a number of attempts to get the station's own verie have failed. For return postage, you may forgo the SASE in hopes of getting the station's own envelope. A useful compromise here is to enclose a stick-on return address label (make sure it includes your *country* in the address) in lieu of a self-addressed envelope. It cuts the station's chore of addressing the envelope, minimizes the chance that someone will copy your address incorrectly, and yet still gives you a more exotic piece of mail than your own SASE.

An interesting question when dealing with the less reliable verifiers centers around how much effort to put into your first report. The question is whether to submit a very impressive first report that hopefully greatly improves your odds of an immediate reply, or to settle in for a long haul of multiple follow-ups and thus try to keep the cost of each report down. If you believe in the first approach, you might combine a quality written report with a cassette recording of your reception, send the report via registered mail, include a prepared QSL card and a SASE, and your favorite "goodie" enclosure. The other approach is to send a quality report but with minimal enclosures, perhaps just mint stamps, trying to stay under the 1/2 oz. one-stamp airmail limit. If the first approach, let's call it the "blockbuster" report, costs 4 times the second approach, then the second approach is less expensive if you get QSL's, on the average, from fewer than 4 tries (an initial report and 3 followups).

From years of reading QSL report columns, it seems that the majority of stations do verify with fewer than 3 followups. Based on this, the blockbuster approach would seem to be overkill to use all the time. However, if you're going after a station which is known to require more than 3 followups in many cases, the blockbuster report might work when normal efforts go unanswered.

EXTRA EFFORTS

Some stations will only yield to a tireless train of followups, and you can't argue with the merit of keeping new letters arriving at the station. However, when repeated attempts to QSL a station fail, it may be time to try something more creative. Here are some of the things that have worked for us in the past:

Registered Mail: Although expensive (seems to run between \$4 and \$5 for a 1 oz. letter), a registered letter has several virtues — it is an attention grabber with the extra seals, stamps, and signatures involved, but it is also secure, and much less likely to be lost or pilfered than a non-registered letter with fancy stamps and conspicuous foreign origin. It also shows your seriousness of intent in reaching the station. We have noted several cases, especially in mailing to "third world" countries, where stations have QSL'd a registered report and noted that they never received earlier reports (although this line is heard often enough to make you wonder). It does seem to be the case that in some countries, somewhere along the line, people with light fingers have come to learn that letters from DX'ers may contain mint stamps and money. For example, non-registered mail containing a donation for CATHCA, the Cameroon organization to help handicapped children, never arrived according to James Achanyi Fontem, the Radio Cameroon v/s who is also a CATHCA director. After two such attempts, a registered letter was sent and reached him. A verie signer at Radio Uganda wrote requesting money, and advised to send it registered since "mail in that part of the world is not reliable."

Unfortunately, there is also a chance that a registered mail attempt can be an expensive flop. In some cases the destination post office will not deliver a registered letter, but requires someone from the station to come to the post office in person to collect it and sign for it. If this doesn't happen in time, your letter will be marked "unclaimed" and returned to you! We have had this happen recently with letters to Syria and Cote d'Ivoire. It is rather disappointing to get a slip in your mailbox telling you to come to the post office to pick up a registered letter, only to discover it is *your* registered letter being returned from a round trip to your desired station! Rather than take this as a defeat, the returned letter can be placed in another envelope and sent unregistered.

Mail via Third Parties: Another type of mail problem has been observed with mail to Radio Pyongyang in North Korea. Although many people have QSL'd them through normal means, some DX'ers have sent reports for years without success. In those cases, sending a new report (this is one station that doesn't like follow-ups) via a friend in another country (the UK has worked well) who agrees to mail it to North Korea for you, has had near-100% success. It's equally important that your return address to the foreign station be c/o your friend overseas, who in turn must forward the reply to you.

Taped Reports: At times a taped report can work wonders when written reports fail, although like the registered mail approach it's a double-edged sword. A good quality taped report is evidence of your reception that's tough to refute. If you can direct the tape to the program announcer whose voice you taped, you might give them a real thrill at knowing that they are heard around the globe, and of course you have reached a per-

fect verie signer at that point. The negatives of taped reports are: (a) postal cost is several times that of a plain letter; (b) it takes more time on behalf of the station to deal with a taped report than a letter so it is more likely to be set aside and perhaps forgotten; (c) if reception quality is not good enough for a non-DX'er to appreciate, your intended verification signer may be no more convinced after listening to your tape than before. Just because a station is DX to you, don't expect them to know what DX sounds like!

Special Prepared QSL Cards: Some DX'ers have gone to great lengths to make very attractive, customized prepared QSL's. An especially nice job here might help get the station's attention. On the other hand, we have seen some really nice prepared QSL's (complete with maps of the station's country and antenna tower positioned at their transmitter site) that never came back — evidently the station agreed they were nice and decided to keep them and send a plain verie letter instead!

Direct Contact: A number of DX'ers have received elusive QSL's; such as Greenland's, by phoning the station and asking whether their report was received and politely requesting that it be verified.

ORGANIZING YOUR QSL'ING

There's a lot of organizing, record-keeping, and tracking associated with successful QSL'ing. You can use a manual system or a file management or database program on a computer if you have access to one. Your QSL tracking system should help you:

- Record the stations you've reported and verified
- Decide when it's time to send a followup
- Prepare reports for QSL columns
- Track progress in the NASWA award program
- Record your enclosures and return postage or any "special" tricks

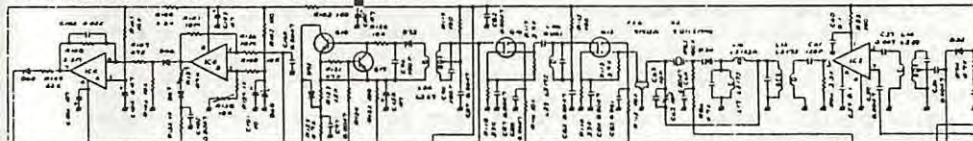
Whether you keep your records by hand or on a computer, you'll want to keep track of station name, continent, country, frequency, power (for QRP awards), date of report, type of report (language used, report form or letter, enclosures), type and date of followups, date of QSL, type of QSL (including comments on enclosures, new station address, etc.), verification signer, and whether you've reported this QSL to the QSL columns you support.

THANKS FOR THE QSL

One of the more neglected aspects of QSL'ing is the sending of a simple thank-you note or postcard to those stations who have sent you a verie, especially those stations not interested in their international audience. This practice will help keep QSL'ing alive, as many of the smaller stations have complained about the uninteresting (to them) aspects of sending a letter to a foreign listener and never hearing from them again. We believe this is a widespread problem. We also believe that if more DX'ers would get in the habit of sending thank you notes or postcards, it *could* improve a station's attitude about verifications. Granted, this *does* take a little time and expense. It *does* convey, however, a nice gesture not only towards the respective stations but also for your fellow DX'ers.

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Technical Topics



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

BUDGET ANTENNA OPTIONS OR SON OF SPAM

If you ever find yourself in the middle of a gathering of radio freaks, and you find the conversation running a little thin, you can start an almost ceaseless discussion by uttering those simple words; "What are you using for an antenna?" Someone will mention their particular skyhook, then someone else will comment on what is wrong with it, then someone else will have a "better" idea... Once they get going you can slip out of the room and watch reruns of *The Moneymooners*. Antennas are like religions. Most everyone has one and they are sure yours might be okay but theirs is the surest shot to heaven.

As shortwave listeners, we are not quite as bound to design characteristics as our Ham Radio cousins. Since we are not worried about transmitting, I feel, we have a bit more flexibility in our choice of skywires.

The principals of budget antennas are really quite simple.

- 1) Anything is okay
- 2) Anything outside is better
- 3) Anything outside that is tuned and pruned is best

Anything hooked up to your antenna terminals will pull in some signals. Connect two meters of wire to most any modern receiver and you should be able to log your first fifty countries while you plan to build your ideal antenna system. Your humble editor writes this column in his basement office/shack. Whilst pounding away at the word processor, I am usually tuning around with my SONY ICF 2010 using the attached whip antenna. As a matter of fact this has become my primary listening post unless I'm really going for something on the fringe. Only then is it worth the trouble to fire up the R-390A and access the longwires and dipoles outside. When I'm really lazy or when I forget to bring the SONY down to the shack I often reach into my briefcase and get my PANASONIC pocket rocket RF-9. Even though I am stationed 2 meters below ground level I can get the more powerful international broadcasters and catch up on the world while I spout words of wisdom into my disk drives. As you can see, you don't have to get "hung up" on hanging antennas. At least not when you are starting out. It is better to take a few additional days or weeks to plan your antenna needs so you don't have to risk life, limb and the wrath of neighbors to change your setup around.

Now at the risk of offending some folks, I'd be willing to venture a guess that the use of an internal whip or short indoor antenna might be more than enough to hold your attention. Now while all you "serious" DXers burn me in effigy I would like to point out that, for many folks, the whip and the short wire are the only way to go. Strict apartment, condominium, or nursing home rules (or for that matter strict parents) might make external antennas impossible. Some antenna pundits will push for the hidden or surreptitious antenna secretly strung in hopes that the landlord misses the point. Its not hard to figure out how to string a piece of magnet wire out a window nor is it hard to offer up prayers to the Great Antenna God to assure it is never noticed. However, your humble editor is not about to sanction any activity that has the potential to get someone put out of their happy home. I should also

note that, through the years, I have seen quite a few of these "hidden" antenna set ups and most seem to place the emphasis on secrecy at not safety. If you can't get wire outside legitimately and safely, stick to an indoor system.

While thinking about indoor antennas, remember that creativity can bring rewards. I have mentioned, in past columns, using aluminum foil hung on two walls of my college dorm to make a very effective indoor antenna. Use your imagination, just make sure you keep your antenna away from any and all potential power sources. An antenna tip in the toaster will surely toast your receiver. If you are forced to live in a building with a metal frame you will want to locate your antenna at window locations.

An indoor antenna user will probably want to consider investing in one of the many "active" antennas that are on the market. A detailed review of such antennas can be found in the November 1986 FRENEX Technical Topics column.

The very first consideration of any outdoor antenna structure is safe installation. The antenna should hang free of obstructions (and it should be high enough not to obstruct anyone or anything). It should be placed in such a manner that there is absolutely no possibility of it coming in contact with powerlines. IT SHOULD HAVE ADEQUATE PROTECTION AGAINST ATMOSPHERIC ELECTRICAL ATTACKS...THAT'S LIGHTNING FOLKS!!! The use of a commercial lightning arrestor hooked to a good earth ground is a must. NO ARRESTOR...NO OUTSIDE ANTENNA! Or if you disagree you can WILL all your gear to me. Anything that isn't cooked too badly could probably be stripped for spare parts.

Next comes the simple part. Put up the longest piece of wire. Put it up as high as you can get it.

"But what kind of wire should I use, Uncle Skip?"

Anything you can get your hands on that will stand up to the weather. The preferred wire is copperclad. Radio Shack sells it in 65 foot lengths under part number 278-1329. They also sell a complete shortwave antenna kit under part number 278-758. If you have never put up an antenna before this kit is well worth the \$8.49. My personal source for copperclad antenna wire is electric fence wire, you can locate this at many farm implements stores (check the yellow pages) I bought a quarter mile spool of the stuff ten years ago and I still have plenty to go around.

My personal favorite is a dipole cut to eighty meters, fed with 300 ohm TV twinlead. Run this through an antenna tuner and you've got a good general purpose RF ear. (Incidentally, this thing works well as a ham antenna too. With a balanced feed you can pretty much resonate it anywhere.)

This leads us to tuning and pruning. If you are really hot for one or two bands, you might want to use antennas cut to frequency. But as a rule, a long wire or a dipole fed through an antenna tuner will almost always give you what you need regardless of frequency.

The antenna is really the great equalizer in this hobby because there is usually little difference between what you use with your modest gear and what Mr. Superequipment uses with his. Not too many people are going to drop three grand on a full size log periodic and tower. So if you maximize your antenna plan you will be improving your edge against the big boys.

Some lower priced receivers and many portables are subject to overload characteristics from strong signals. So there really is such a thing as too much antenna. Again, you can aid the selectivity issue with the use of an antenna tuner. I have always found that you can plan around this problem with a little experimentation. Toss thirty feet of wire out to a tree limb and then properly hook it up to your radio (Remember this is a temporary antenna, not to be left up and exposed to lightning) If your rig is prone to overloading you should get a pretty good idea from this test. In such cases a big outside antenna might be a waste of time and money.

Now kiddies, you must have noticed that I have given you blessed little specific data about antenna construction and design. That is because the details of the subject can and do take up the text of entire books. Nobody should consider a serious outdoor antenna project without looking over one or two of the many fine books on the subject of antenna theory. Don't be scared away by all the Smith Charts and technical talk. Basic antenna design must be seen. So in this case it is okay to read the book just for the pictures. For the hobbyist, there are several books that examine the subject on a level that you and I can relate to.

EASY-UP ANTENNAS FOR RADIO LISTENERS AND HAMS

by Edward M. Noll W3FQJ
Howard W. Sams & Co., Inc.
4300 West 62nd St.
Indianapolis, Indiana 46268
\$16.95 157 pages

This is one of the best new books to come out on the subject of hobby radio antennas in a long time. Ed goes through the steps of antenna construction and theory, giving specific examples of practical antennas that you can apply to almost any listening post. Ed even went so far as to fabricate and erect all the home brew designs in this book so he has very clear insight into the trials and tribulations of antenna construction. For those of us that have not done math without a calculator for decades, Ed has included dimension tables for all the standard and many of the advanced antenna systems. Special consideration appears to be given to the beginner as well as the old hand. Ed has even included an excellent chapter on confined space and indoor antennas that further addresses some of the problems apartment dwellers run into.

While the book is divided into two sections, one for SWLs and one for Hams, I would not overlook the amateur radio section. Chapter twelve in the ham section gives a concise explanation of basic antenna theory. Also the antenna designs discussed for the amateur have direct application in the SWL world.

The book includes an exhaustive appendix of manufacturers and sources to help you locate the materials you need to make your station effective.

This book should be consumed prior to putting up any form of outside antenna. No matter how sure you were of your preferred design, Ed has just a little bit more information to share. Information that could really make the difference in hearing that rare station.

To close out this months column I would like to share an idea from JOHN D. TUCHSCHRER. He wrote to recommend experimenting with the feed line on a basic longwire antenna. When most people install a longwire, they connect the feed line to the end of the antenna closest to the station location. John has had good results with connecting the feed line at the far end of the dipole, in effect more then doubling antenna length. There are several volumes of antenna theory that lead one to believe that this should not work. Especially if the feed line returns to the shack along the same route and in close proximity to the actual antenna. But John invested in the extra wire and discovered some improvement. If you bring the feed out at a right angle from the antenna, making sure it does not fold back into the path of the antenna for about one quarter wavelength, you are really just constructing a longer antenna. You folks should remember that a longwire does not need to run in a straight line. Anyway John experimented a little bit and came up with a better antenna for his particular location. So don't be afraid to try out an idea. Remember to let us know how your experiments pan out.

Keep those cards and letters coming in folks!

73,
Ship WB2GHA

NASWA Awards Program

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

Greetings and welcome to the June 1988 edition of the NASWA Awards Page. The following folks earned NASWA Awards since our last edition:

Dr. Harold CONES, (a/k/a Dr. DX), Newport News, VA: Master DX Centurian; Asian Continental DXPert; Antarctic DXer

Rowland F. ARCHER, Jr., Raleigh, NC: Senior DX Centurian DXer 160 country endorsement.; Antarctic DXer; Papua New Guinea DXer

Donna ROBINSON, Willow Springs, IL: DXer de Pacifica

Edward KUSALIK, Coaldale, ALBERTA: Master DX Centurian 220 country endorsement; Antarctic DXer with 2 station endorsement

R. Bruce HALE, Goffstown, NH: Ecclesiastic DXer; North American Continental DXer

Thomas V. ROSS, Lyons, IL: DXer de Pacifica

Kevin J. KLEIN, Appleton, WI: Antarctic DXer

Robert M. WEISS, Fairfax, VA: North American Continental DXer

Joe KREMER, South Bend, IN: Ecclesiastic DXer

Chris LOBDELL, Wilmington, MA: Senior Peruvian DXer, Antarctic DXer

Evelyn HAMPTON, Chicago, IL: European Continental DXer; Ecclesiastic DXer; World Wide DXer

Kent WILLIS, Louisville, KY: All Continent "QRP" DXer, 25 kw

James W. EVANS, Germantown, TN: Asian Continental DXer

Rick KRZEMEIN, San Ramon, CA: Senior DX Centurian, 180 country endorsement

Ray BAUERNHUBER, Rosedale, NY: Ecclesiastic DXer

Keiichi KONDO, Hokkaido, JAPAN: DX Centurian

kap's comments

Well, it's been a wild month here at kap's kastle. Even kap's kat is all tired out. First of all the Dayton Hamvention trip, and a pleasure indeed it was to meet Bob Brown and Chuck Rippele as well as many other fine folks.

We managed to pick up a few radio and computer related goodies at Dayton including a Ranger AR3500 10 meter transceiver for use when our Novice ticket arrives. Hopefully the Massachusetts Sales Tax Police don't come knocking at the door looking for their unjust due.

Our thanks go out to Peter Pan Bus Lines for making the one hour trip from Logan Airport to kap's kastle take 2 1/2 hours. Nice go guys. Why would we ever think that the Sunday night "Logan Express" would sit at South Station in Boston for over an hour so that various and sundry friends of Dr. DX could board the bus. The bus trip was only a few minutes shorter than the flight from Dayton, which included a 45 minute layover in Pittsburgh.

Well, we've done 3 radio club related jobs this month. The tragedy of John Henault's accident precipitated one, then there was the annual ANARC Awards thing which we've done for several years and, of course, this effort. Maybe one day soon we'll turn on the radio and see what is going on.

Till next time

Best, Kap

COMPUTER CORNER

Tom McElvy, Editor
P.O. Box 9645
Norfolk, VA 23505
(804) 497-5151

Greetings, and welcome to yet another Computer Corner! Let me take a moment to thank everybody for all their comments and suggestions in the past few weeks; they have been both helpful and encouraging! Please keep it up (hint-hint). Remember, the column is only as good as the material that YOU help me to obtain!

ARRL COMPUTER PROGRAM LISTINGS!

The ARRL (American Radio Relay League) has available a number of computer programs for almost every computer known to man; from MS-DOS to the Timex-Sinclair and everything in between. The list of what is available can be obtained for a SASE, and get this: **EVEN THE PROGRAMS ARE FREE...** all that is required is a SASE for EACH program requested! The catch is what you get is the LISTING, not a working copy on a disk. Some of the programs are very complex and others are simple programs for record keeping. But, for the price, it's really hard to beat! Drop a SASE to the ARRL at Dept. PX, 225 Main Street, Newington CT 06111. And be sure to tell them that you heard about it in **FRENDX**.

MS-DOS SWL DISK STILL AVAILABLE...

The MS-DOS SWL disk mentioned in the April Computer Corner is still available from me for \$5 US for the archived or

\$7 US for the unachieved disks. The programs include MINI-PROP, PC-LOG, GRAYLINE and several others. Lots of you have already ordered them, so if you need some good SWL programs, send to me at the address in the masthead.

PROCOMM PLUS TERMINAL PROGRAM!

DataStorm Technologies, of Columbia MO, has introduced an extremely advanced version of their popular **PROCOMM** communications program for MS-DOS, now known as **PROCOMM PLUS**. This new version of a classic comm program now includes a 200 number (11) dialing directory, speeds up to 19.2 Kbaud, faster processing, more automation, and many other features too numerous to mention in the space of this column. Ye ole editor has been a die hard Procomm fan for over a year, and has made the switch! There is a **Test Drive** version of the program; which is essentially the same as the commercial version, but does not include all utilities, or the 350+ page manual. However, the 48 pages that DO come on the disk make setup and operation easy to understand. The program retails for \$75, and is available through many fine retail outlets, or directly from DataStorm Technologies at (800) 626-2723. If you own a MS-DOS machine, I strongly urge you to download the test drive, and do just that...test drive it. I think you will

be very happy. The file should be available on most of the SWL BBS's, including ACE, PINELANDS and NEVERBOARD. Make sure that you download version 1.1.

COMPUTERS & SW RADIO: THEN and NOW...

by Bill Krause
part two: THE EARLY DAYS

From the earliest days of the computing radio connection, Commodore was the dominant brand of computers because of its tremendous price advantage. Thus, the overwhelming majority of software was written for it. This is steadily changing. As a result of a drastic price reduction of PC compatible computers, they have recently taken over the lead; with Commodore running a very close second. Even though the price gap has narrowed dramatically, Commodore still represents the least expensive, and probably the best value on the home computer market today. Other types of computers such as Apple, Atari and Radio Shack TRS-80 have seen their share of use by the radio hobbyist steadily decline. The result is that most new programming that is being done now for the hobby is for PC compatibles. Commodore programs are being upgraded as the hardware for that machine becomes increasingly sophisticated. Little is being done for the other machines except by those few who own them and have programming skills. I have no reason to believe that these trends will change in the future.

There may be some argument as to whether the most important use of the computer in the hobby is in direct application software such as database or propagation programs, or in the very popular radio BBS's. It is not my purpose here to attempt to decide that

issue. However one of the most dramatic developments in the radio computer connection has been the explosion of radio oriented BBS's. UBIX, sponsored by Universal Radio of Reynoldsburg, Ohio, may have been the first. The late ANARC BBS, of which I was the sysop, was among the very earliest. Precise figures on BBS's are inherently impossible to compile because the situation is in such a state of rapid flux, however it is clear that well over a hundred BBS's are devoted at least in part to the radio hobby. (Ed. Note: Check the list in the April 1988 FRENEX pp 12 for a list of SWL BBS).

The thrust of radio related BBS's has changed during their lifetimes. A clear illustration of this fact is that in its nearly four years of existence, the ANARC BBS has undergone more than a hundred significant changes as we have tried to keep pace with the interests of the users. Originally, Bill Cole and myself believed that the most important use of the BBS would be the rapid dissemination of "HOT" DX news. History has proven us dramatically wrong. Clearly what radio BBS users want to do is to read, but not necessarily about the latest in DX flashes. Our experience shows they are more interested in reading the electronic edition of Sweden Calling DX'ers or the Radio Nederland Program Guide. They also seem very interested in such things as lists of DX programs. So we provide them with these as well as a years worth of WWV information, a very complete English language database and much more.

Early on, we believed that the up and downloading of software would be very popular. We were half right. Downloading radio related software has always been, and continues to be, a very popular use of the various BBS's. Reflecting the trends mentioned earlier,

we see more and more interest in MS-DOS compatible software. We expect this trend to continue on into the future.

Almost all radio BBS's have a problem with users not uploading their material to the BBS. This seems to be true of both programs and messages. As a result, most material on the BBS is provided by the Sysop and a small but VERY dedicated cadre of users. I expect this trend to also continue as it seems to be a reflection of human nature rather than any peculiar aspect of our hobby.

Next Month: Conclusions

General Happenings:

The SWL/Ham connection got an interesting boost on May 6, when Jonathan Marks presented his Media Network program from Dayton Ohio. The program was extremely well done, with assistance from Bob Horvitz, Mike Harris, Bob Brown and others. An excellent job, and I hope that it opens the eyes of the hams who think that SWLs are "hams who couldn't make it." As a personal note to that statement; I was talking with a ham at the Manassas Hamfest a couple of years ago, and she mentioned "that SWLs weren't smart enough to get a ham ticket." Of course, I ran to the aid of the hobby, and told her that "anyone can talk, it takes someone special to listen..." That shut her up!!

Sincerest wishes for a speedy recovery to NASWA Distributing Editor John Henault. John was injured a few weeks ago on duty, and has been hospitalized. In the interim, John Kapinos is taking on John's duties.

Lets hope that John comes home soon! Cards and letters should be sent to John at his home address. Hope you come home soon, John!

The Old Dominion DX Association (of which I just happen to be a member of) is having an **EAST COAST SWL CONFERENCE** September 17 and 18, 1988. Special guests will be **Jonathan Marks** of Radio Nederland's Media Network; **Bob Horvitz**, Executive Secretary of ANARC; the infamous (??) **Dr. DX** and of course, **Chuck Rippe** the Conductor of DX'ers Forum. (Not to mention myself). Detailed information can be obtained from ODDX by sending a SASE to ODDX, P.O. Box 9645, Norfolk, VA 23505-0645. We have already had a number of inquires, and the show looks like a great one. Be sure to come!

That just about wraps things up for the month. It is sunny here on the Chesapeake Bay, but from the picture below, I think you can guess where I would rather be. Until next month, happy computing, and best wishes for good DX!

73!

Jon



Ahhhhhhh!

The beautiful shores of
Nibi-Nibi...

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DR. DX ANSWERS SOME PRETTY TOUGH QUESTIONS

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Dr. DX is sure excited. In addition to 21 letters from the Prize Notification Center, 7 ads for vinyl siding, and a FRENEX renewal notice, Dr. DX received a letter from his reader. The reader had some questions for Dr. DX, and since Dr. DX had nothing else to write about this month, he decided to answer them right here for all to see.

Q: You certainly are a unique writer. Why don't you ever use paragraphs?

A: First of all, let's make one thing perfectly clear--Dr. DX has never had any operations, has all his parts, and has fathered two children (the Daughters DX); so let's not be hearing any of this stuff about Dr. DX being a unique! Dr. DX has never used one graph in his column and Dr. DX cannot figure out why the reader would want him to use a paragraphs.

Q: Most column editors will not recommend receivers; will you?

A: Sure. Dr. DX has some very strong ideas about receivers. Dr. DX likes black ones. The silver knobs are OK, but a bit flashy for formal wear. Best to stick with basic black. For less formal listening, Dr. DX likes a tan receiver.

Q: Is Mrs. Dr. DX really the person you make her out to be?

A: Yes.

Q: What radio equipment do you use?

A: Dr. DX uses a receiver and an antenna and has found them to work well together. Dr. DX would like to get some more radio equipment, but Mrs. Dr. DX says no more radio stuff (see previous question).

Q: How did Daisy the DX Dog get her name?

A: Mrs. Dr. DX found the name in "101 Names For Your DX Dog," published by Tiare Publications.

Q: What is grayline DXing and do you ever do it?

A: Dr. DX crossed a yellow line once and a large man with a badge pinned on his shirt stopped Dr. DX and asked him where the fire was. Dr. DX could not answer him because he did even know there was a fire and thought the large man with the badge must not have much to do, stopping people and asking them where the fire was. But Dr. DX thinks his badge must have been sticking him in the chest because he acted as put out as the AMTRAK Cafe Car food sellers do when you ask them to sell you a bag of potato chips or some Track Treats. Grayline DXing is something different and Dr. DX does not think there is a large man with a badge involved or an AMTRAK Cafe Car; that is a sort of gray area for Dr. DX.

Q: Do you have any advice for a beginner?

A: Yes. Do not start as a beginner. Start as an advanced listener--that way there is not so much catching up to do. And a Dr. DX Helpful Hint to make you appear not to be a beginner: when in the presence of other shortwavers, answer every third question with "NRD-525." NRD is shortwave talk for "No Radio Dope," and the gang will be real impressed and think you are a jim-dandy fellow.

Q: What is an ANARC Convention?

A: Dr. DX has never really figured that one out yet, but it has something to do with radio stuff and is lots of fun and they give away lots of free things (and Dr. DX sure likes free things; Dr. DX likes free things so much that he will go anywhere that is free and has a bathroom). There are always a pile of people there, some of them normal. On the other hand, some people walk around with a pair of R-390s strapped to their head with gigantic rubber bands and converse with forces on other planets. Mrs. Dr. DX says that ANARC stands for "All Nerds and Radio Creeps" and that Dr. DX is the biggest ANARC of them all, but Dr. DX does not think that Mrs. Dr. DX knows that for sure, but is only guessing. Dr. DX will find that out and let you know another time.



Listeners Notebook

GLENN HAUSER, Box 1684, Enid, OK 73702

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AFGHANISTAN Monitoring research 4-8 May: Since Maybegin, R Afgh's AR svc at 17-1730 obs on 15520 & 11890 but still anncs 9675 7225. Pashto/Dari 1730-1830, GM 1830-19, EG 19-1930 now on 11755 & 9655 (WBI 13/5)

Rest of ES sked: 0130-0430 Baluchi/Pashto 6085 4450. 07-09 Pashto/Dari V of the Homeland on 17655 15255 9635 6085 4450. 09-1030 EG on 17655 15255 9635 4450 6075. 1230-1330 Urdu 17655 15255 4450. 1330-1430 Baluchi/Pashto on 17655 15255 9635 6075 4450. 1430-1530 Baluchi/Pashto 7200 4740 3965 + MW. 1430-17 Pashto /Dari V of the Homeland 17655 15255 4450 6075 9635. 1930-20 FR 9635 & 7200. The 1730-1830 Pashto/Dari to Eu is called Breeze of the Hindu Kush. Bcs emanate from xmtrs in Afgh & the USSR (WBI 20/5)

ALBANIA Due to lack of info and anmts from R Tirana, sked compiled solely from monitoring research; target areas for some bcs assumed; some fqs may vary up to 5 kHz. During winter time in Albania, some bcs to Eu/ME may be one hour later than shown. EG portion: 0230-03 Am 9500 7065. 0330-04 Am 9500 7065. 0430-05 Af/Am 11835 9480. 0530-06 Eu 9500 7300. 08-0830 As/Au 11835 9500. 1030-11 As/Au 11855 9480. 14-1430 As/Au 11855 9500. 1530-16 Af 9480 7105. 1730-18 Eu on 9480 7155 1395. 2030-21 Af 11835 9375. 2130-22 Eu 9480 7065 1395. 2330-24 Am 9760 7065 6200. R Tirana's total output per week is 458½ hours. Leading langs tied for 42 hpw each: Albanian, English, Portuguese, Spanish (WBI 20/5)

ALGERIA APS nx agcy reported 30/4: 28/4 evening, first part of The Meeting of the Brothers pgm, made by radio of Libya, relayed on Alg first channel; fortnightly half hour show, result of coop/exch agmt between Alg & Lib; corresponding pgm will be carried on Lib R, from Alg (WBI 13/5)

ARGENTINA Telam nx agcy reported 27/4: draft bill will be submitted to Congress by Executive Branch to privatise all radio and TV stns under govt control except R Nacional, Arg TV Color, and RAE, per daily Cronica 27/4 (WBI 6/5)

AUSTRALIA RA Communicator reported 15/5: ABC has obligation to provide parliamentary bcs, introed in 1946. Till las year, Metropolitan Net carried proceedings but transferred to R Nacional, ABC's prmeir net, move criticised by pgm-makers and liseners. Now ABC proposes creation of 4th radio net using standby 10 kW xmtrs across country:parliament would have outlet to itself; 3 or 4 fqs being considered (WBI 20/5)

AUSTRIA ORF's SW Panorama has been resumed on the WNA m bc, Mon 0415 on 9875 (gh)

BELGIUM BRT in EG; some xmsns one hour later during winter time in Belgium: 08-0825 M-F As/Au 15510 11695. 10-1025 M-F Af 17595 15510. 1330-1355 M-Sat As/Am 15590 15510. 1630-1655 M-Sat Af 21810 17595. 1730-1755 Eu 5910 1512 & Sunday also 11695. 21-2125 Eu/Am 9925 5910 1512. 2330-2355 M-Sat Am 11695 9925 (WBI 29/4)

CANARY ISLANDS Spanish xmsn beginning at 2200 on 15365 appears to be of local origin, including nx, mx, even a mbg pgm. They annc local addr as in WRTH in requests for ltrs; appears to be daily. Switch to Madrid relay at 2300. How long has this been going on? I seem to remember something like this 7-8 yrs ago. Political reasons for this svc? (Paul Buer, Miami FL) I think this svc has been more or less continuous, rather than just coming back lately. Originated because of lots of Canary Islanders who migrated to Venezuela, and xmtd from two 50 kW xmtrs at Tenerife. These were on 11815 and 15365 for many years but they have apparently worn out. The March sked from REE Madrid still showed Tenerife on 11815, but the April sked dropped that and designated 15365 as Noblejas at 22-02. Since after 2300 15365 is now //9360 and other Noblejas or Arganda fqs in Iberian Spain without satellite delay, we must conclude that Canaries are now an inactive SWBC country, with the pgm we still hear being produced in Tenerife, but fed to Iberian Spain whence it is xmtd (gh)

C H I N A (PEOPLE'S REPUBLIC)

CHINA has adopted a DST since Apr. 17.

(Akira Yamanaka)

According to "A statistic report concerning development of national economics and society in 1987" published by State Statistics Bureau of China on Feb. 23 this year, number of radio and TV stations as of the end of 1987 is as follows. People's Broadcasting Station: 385 (278 in 1986), Transmitting stn or relay stn: 624 (605), TV stn: 365 (288), TV transmitting stn or relay stn over 1000watt outlet: 719 (622). The rate of increase are remarkable. (Akira Yamanaka)

Nei Menggu PBS has started to operate two new txs. It's Std. CH service and Mongolian service can be heard on 11705 and 11865kHz respectively. First noted on Feb. 12. WBI reported on Jan. 15, a SW xmsn centre in Nei Menggu Autonomous Region has begun test bcs since Dec. 24, last year. (Kunihiro Nishida)

Hunan Province Meteorological BS has changed a frq of 7950kHz to 7850kHz. First noted on Feb. 6. (Satoru Suga)
(East Asian DX News of Asian Broadcasting Institute 17/5 via Tetsuya Kondo)

[Cf Feb LN-18] In our 11/1 issue, V of Pujiang's 3rd address is mistype-- P O Box 6106, Hongkong, not 4106 (Tetsuya Kondo, E Asian DXN of ABI 17/5)

Xinhua nx agcy reported 5/5 from Tianjin: Work on multi-funxion TV xmsn tower, expected to be highest of its kind in Asia, started recently in Tianjin. Seven storey tower will be 405m hi, base taking up total floor space of 4554 m². Built by China No 3 Construxion Bureau, '11 xmit TV pgms over 7 channels and provide radio bcs in stereo on 8 ch after completed by end of next year (WBI 13/5)

COLOMBIA Rdif Nal, 17835 nf, ex-17707v, full AM ex-RC-USB, 17/5 02-0240 tune-out, relaying HJND AM net as before. Mediocre sig; about time they switched to a mode someone might listen to; tho considering the mbt, that hypothetical someone won't be Ccolombian.

LV de los Centauros, 29770, 5/8 1825 w/Col mx, P-F but clear, presumably 5 x 5954 (RichardStoller, NC)

COSTA RICA R for Peace International has been testing 13660 at 18-21, with repeats of the previous day's pgm, M-F, so on Monday the Fri pgm would be the one, starting with WORLD OF RADIO at 1800; and the Tuesday show repeat comes out at 2000 on Wed, times apx. If someone is working at the stn on Sat or Sun, the Fri pgm may also repeated on those days, but don't count on it. Plans to stay on 7375 evening since it is well-known frequency. F.Pl. now include getting several 10 kW xmtrs instead of one 40 kW, so can operate on several bands at once, probably at less net cost (gh)

CUBA Monitoring 4-7 May: The MF xmtr in Cuba on 1040 now relays R Moscow NAM svc in EG weekdays and alt Sats 22-24, plus addl svc for NAM Suns & alt Sats at 12-22. SW relays of R Moscow svcs now obs: 22-24 EG NAM 11710. 00-0030 RP&P SP 9710. 00-03 NAM EG 11710 9600. 0030-02 RM SP for Cuba 9710 4765. 03-04 RMWS EG 11710 9600. 04-05 RMWS EG 9600. 10-13 RMWS EG 9600. 1330-22 RMWS EG 11840. 4765 is continuous relay of All-Union R svcs in RS at 02-0030 (WBI 13/5)

ECUADOR R Nal Espejo, 4679.6, confirmed reactivated on SW 17/4 0801-0900 w/pgm Cita de las Tres; then from 0859 Ecuador, Buenos Dias (Takayuki Inoue, Japan)

EGYPT Monitoring in May: R Cairo engineering sked for J88 shows bcs in Albanian at 0430-05 & 1730-18 on 9900. RC introed daily AB pgm 4/11/87 (WBI 13/5)

R Cairo in EG: 02-0330 Am 9675 9475. 1215-1330 As 17595. 1630-1830 Af on 15255. 2030-22 Af 15375. 2115-2245 Eu 9900. Total weekly output is 375:25, of which EG is #1--54:15, followed by AR 51:55, and Hebrew--only on MW--35 h per week (WBI 13/5)

FINLAND 15325, R Finland in Swedish 12/5 1032 w/nx abt Finland--no mistaking that Finnish-Swedish accent. Despite what's advertised, xmsn today was in AM mode instead of SSB. VG strength despite beam to SWEu/WAF--maybe they are pairing up xmtrs here. Tipped by listener to International Radio Report [Montreal DX pgm on FM] of G reception of FR pgm 1030 Sat/Sun; he said SSB so maybe 12/5 reception on AM was a fluke. Splashed by RMWS-15320 tho (William E Westenhover, Montreal PQ)

R Finland reported 10/5: New ES xmtr of FBC will be officially inaugurated Tue [10/5]. Total cost of the base [at Pori] amounted to some 120 mega FM or some 30 M\$, 2/3 of which met by state. ES will bc inaugural festivities live in FN & SD at 1200 Tue, pre-empting that EG xmsn (WBI 13/5)

FFRANCE RFI total output is 302:15 per week of which more than half is FR--166½. Distant 2nd is SP 42, then PT 28, EG 14, SC 12¼, PL 11¼, AR GM RM RS 7 each, and finally Creole ½ hour per week (WBI 6/5)

GABON [Cf May LN] You're right about outages on RJ feed to Moyabi being not uncommon. I've noticed two recently, both on 15235--21/4 0529 and 13/5 0550. Formerly they played old taped Japan Travelogue and Japan as I See It features, plus a bit of mx, during the outages, interspersed w/EG/FR/GM anmts done by men, and rather curt, especially the FR guy who sounded as if he were a nasty Japanese lieutenant from a stereotypical WW II movie. Current procedure is to play all mx, w/JP/EG/FR anmts, which are done by W ancrs in rather more polite style (William Westenhover, Montreal PQ) Like dept-store greeters? Hi (gh)

Af No One reported 23/4: The famous RTG "Questions" pgm will resume 3/5. Head of state Pres Omar Bongo had many times requested that this sesquihour pgm bc on radio & TV, during which each minister explains operation of his dept, bc resumed promptly. Will bc twice weekly on Tue & Fri (WBI 29/4) ¿When?

GERMANY EAST Monitoring in May: RBI introed new sked at Maybegin; considerable retiming and reorg of xmsns. Tho overall output increased by 32 hpw to 479:30, major change is in being to Eu where output has risen by 50+%, from 204:30 to 315 hpw. Output to other areas changed only marginally--slight incr to ME/As; decrease to Af/Ams. Langwise, EG is the clear leader [what do the East Germans know that the French do not?] at 136:30 i.e. 26 45-min xmsns daily. GM is not even 2nd but outdistanced by FR 73:30, SP 47:15; then GM 42.

Complete EG sked: 01 Am 9730 6080. 0145 Am 11785 9730 9620 6080. 0230 Am 11750 6165 6125. 03 Am 11785 9620. 0345 same. 05 Eu/ME/Af 13610 11810 9645 6115 5965. 0515 As 17775 15240. 0745 Eu/As 21540 6115, and on Sat/Sun also 21465 9730 7185 6040. 09 As/Am 21540 21465=Sat/Sun 9665[=NAmt!]. 0945 Eu 6115. 11 Eu/ME 17775 17755 9665 6115. 1130 As 21540 21465 17880 15440. 1215 ME 15240 11705. 1245 As 21540 21465 17880 15440. 13 Eu 6115. 1345 Eu 9730. 1445 As 17880 15240. 1545 Eu 9730 7295. 1545 Af 17775. 1715 Eu 9730 7295 7260. 1730 Af 15145 15255 13610 9665. 1915 Af 15255 13610 9665. 1945 Eu 6115 1359. 21 Am 6125. 2145 Eu/Am 6125 5965. 2345 Am 9730 6080 (WBI 20/5)

GERMANY WEST Valentin Falin, chief of Soviet Novosti press agcy says DW hinders improvement of German-Sov rels and demonstrates lack of goodwill in reporting on SU. We are surprised a stn is supposed to show "goodwill" toward a country which for decdes has spared neither cost nor effort to hinder it, by jamming, from xmtg its pgms [sic--jamming has no effect whatsoever on xmtg pgms--it hinders the reception of pgms; how muddled is your thinking]. Apart from that, DW is in fact committed to showing goodwill toward other people. Falin's remark should be viewed as a compliment to stn's work (Die Welt, via Insight, weekly news mag of Washington News, 18/4 via Paul Buer, Miami FL)

GUATEMALA Reply from Sr. Israel Rodas Merida, Director-Gerente of Radio Buenas Nuevas, 4799.8, says began w/250 W xmtr and provisional ant 15/7/87. 2nd hand xmtr, built by engr from US in 1968 as backup for TGNA 5955. Wayne Berger and Bob Rice, techs at R Cultural, replaced it with a new 1 kW Gates and formally

installed ant on its towers 28/1. Stn belong Iglesia Evangélica Nacional Mam C.A., group of 29 churches in different places in Depts of San Marcos, Hue2tenango, Quetzaltenango, where Mam- and similar-dialect--speaking indigenous live. RBN is located on one side of the village of San Sebastián Hue2tenango, 30 km E of Hue2tenango, 276 km NW of Guat City. Now sked 12-1330 & 23-01, all in Mam exc for IDs in SP (Takayuki Inoue Nozaki, Tokyo, Japan, Relámpago DX May) [Welcome to LN; TTN seems to have adopted the LAm matronymic style of appending his mother's surname, but should be called Sr Inoue, not Sr Nozaki, ¿right?]

Add info from another letter from Rodas: three people op stn, him 35 year-old self ["hissself" ought to be the correct term, logically, analogous to myself rather than meself, rather than a mark of illiteracy -gh], Andrés Maldonado, 48; and Gonzalo López, 42. Church has 15 kilomembers, serving apx 500 kiloMams in above depts plus El Quiché. Stn is located in a place called Twi' Pic [complete w/apostrophe as given] near San Seb Hue2. Besides evang pgms, some deal w/greetings, ag, local culture. Rodas sort of slurs his written signature, thus leading to belief his first name was Israel, but in fact it is Israel as evidenced by type-written sig (Steve Reinstein, DXSF via April DSWCI SW News) But he also 'slurs' it sometimes when typing to Israel, as evidenced in other letters I've seen. Anyway, the S is probably swallowed in speech. Thus continues one of the greatest controversies in DXing today. At least he doesn't spell it in Hebrew, or we'd be scrounging for vowels! (gh)

HONDURAS Since 1/6/87, SANI Radio is operated by "AVANCE", Asociación de Promoción y Desarrollo Socio-Económico [that sure doesn't work out as an acronym]. New dir is Jacinto Molina González; addr for correspondence are: Sani Radio, Puerto Lempira, Gracias a Dios [sic, an interesting thought, but should be Dios], or AVANCE, Apdo Postal 2040, Tegucigalpa DC. 4755 at 12-16 & 22-02 (Marcel Rommerts, Neth, April DSWCI SWN)

HONG KONG Sunday Standard reported 15/5: Govt'll decide over next two months whether to intro 24h svc of BBC in HK. Secy for Admn & Info Svcs, Mr Peter Isao says option under consideration was to grant separate fq for BBC. "It may become 6th ch of RTHK" Mr Tsao [sic, this spelling more likely and used again below] said after return from 10-day trip to London, Belgium, Spain. Said met BBC offis and understanding reached for svc to run 24h. Details still under discussion. BBC now bcs mainly on RTHK-3, & 5 eves. "But when there are various changes in pgms of 3, e.g. prolonged meetings of legislative council, BBC svc will be screened out [pre-empted]," Mr Tsao said. Said new move aimed at providing better svc and as part of reorg of RTHK fqs. Said pgms'd be mainly in EG, some CH. Expected sufficient demand for svc from both expatriate and local audiences. Tsao said possibility of setting up 3rd party radio stn'd be investigated. Said no decision made on future of BFBS, but format'd be diff from currently (WBI 20/5) ¿Is this what it'd take for BBC London Calling even to acknowledge that there has long existed a BBC relay on AM & FM there, despite showing itself on FM in Singapore? gh

HUNGARY R Budapest reported 22/4: as from 2/5, RB switches to new times & fqs--daily to Eu 1830 & 20 on 15160 11910 9835 9585 7220 6110; to Nam Mon-Sat 2330, daily 0030 on 15160 11910 9835 9585 9520 6110. RB newsletter 11/4 ancd: DX pgm new sked: Eu 1515 Mon & Thu, 1030 Sat, 0945 Sun, on 15220 15160 11910 9835 9585 7220; Nam 0130 Tue/Wed/Fri/Sat on fqs above (WBI 29/4) Confirmed, not 0230 as previously reported. Other sources say one of the Eu bcs is Mon-Sat only (gh)

RB reported 4/5: Strapped for cash like most other people [sic] these days, R Budapest has adopted a "we mention you, you mention us" format. Good example is Hung haulage company Hungarocamion, displaying a R Bud logo on its trux which will be competing at 14-15 May Hungarocamion Truck Trophy 88 at the Hungaroring, while the Hung Kerimpex forn trading co packages a note with its Pikk [sic] and Herz salamis giving our RB fqs... Also lots of advertising on R Danubius, TV (WBI 13/5) They're really getting hung-up on capitalist propaganda (gh)

INDONESIA RRI Biak to 1600* now on 5500, maybe ex-7211 where unhrd, first noted 12/4 (Hiroyuki Ishii, Tokyo, Japan, Indonesian DX Review) 5500.9, 1131-1250 in Indo 19/3. Great signal! Long pgm of Indo pops, some C&W mx, man ancr betw songs. Jak relay 12-1216, local ID 1217, back to mx. Ex-7211. Checked again 20/3 and not a trace on any known Biak fq, 5451, 5500, 5982, 7211. Also rcvd f/d ltr in EG for RRI-Biak on 5982, in 65 days after my last report. V/s Mchtar Yushaputera, B.A., Chief of Broadcasting. Finally got this one after 7 yrs w/many rpts and f/ups. Add zipcode 98101 to WRTH addr (Steve Reinstein, FL, April IDXR)

IRAN Monitoring 17-25 Apr: ES of VIRI and 1600 17/4 that during Ramadan a spl pgmme "For your meal at dawn" 'd be bc in Turkish 00-0130 on 9022 & 639; first obs 18/4. 25/4 obs this: 00-0130 TK 9022; rest on that and 15084: 0130-0230 SP, 0230-0330 AR, 0330-04 Persian DS, 04-05 TK, 05-0530 Persian DS, 0530-0630 SP (WBI 29/4) R Teheran on new 4800 in AR 0250-0333, "Sauto [sic] Islam", 0308 ID Huna Tehran, 22322 [no date] (Finn Krone, Denmark, April DSWCI SWN)

VIRI has new pgm in SP, on 9022.04 at 2030-2130 to SEu/Spain. Annc fq 6220 or 6620 but wrong as really on 9022. Addr is VOIRI, Spanish Svc, P O Box 19395-3333, Teheran (Juan Carlos Moreno, Spain, April DSWCI SWN)

EG to As now 1130-1230 on 11790 and to EAF on 9770 9685 9525, plus MW 1242 1332 1566 (U K Ahuja, SCDX via DSWCI SWN) EG to Af 1830-1925 on 9695 and MW 765 (M Siegel, SCDX via DSWCI SWN) Confirmation? (gh)

IRAQ Mcntring 1-5 May: R Baghdad ES in HB hrd 1330-1430 on 1377 kHz since 1/5. Followed by RB's V of Palestine pgm 1430-1530, and PLO's VOP 1530-1830. These xmsns previously on 1035 kHz (WBI 13/5)

ISRAEL VOI Calling all Listeners 1/5: Depy PM and Min of Education Yitzhaq Navon decided last week to take steps to continue KI for-lang SWBCs. Several weeks ago, Jewish agency notified Isr R that it intended to cut its subsidy for SWBCs to Jewish communities of the Diaspora and IR responded that a cut in JA funding would mean either drastically reducing overseas bcs or halting them completely. Now it seems after meeting w/MinEd & Culture that JA is willing to continue subsidy if it has some say in pgming. But IR says there can be no interference w/IR editorial independence and so there it is for the moment with MinEd Navon saying there is no justification for stopping IR SWBCs and if any of you out there in intl SW radio land feel like expressing you opinion you can write to us or directly to the Chairman of the Jewish Agency, Mr Sinha Dinitz, or to the Minister of Education & Cutlure, Mr Yitzhaq Navon, or to the Director General of Isr R & TV, Mr Uri Porath, or the Chmn of the IBA, Mr Aharon Harei, or to the Pres of the State of Israel, Mr Hayim Herzog. Or write to all of them, all here in Jerusalem (WBI 6/5) Mcntring 4-5 May: VOI AR svc, Net D, which'd been on 5915 since Nov 84, has been on 5900 since 4/5. Net D runs daily 0248-2115 during summer time in Israel (WGI 13/5)

ITALY Globe Radio Milan, Italian Radio Relay svc, is planning to construct a 5 kW SW facility near Milan provided there is sufficient intrest and "commitment" and it could be on line before summer 1988. Further info from IRRS-GRM, via Teodosio 27, 20131 Milano (stn lit via DSWCI SWN) Same one which was on 7105? (Noel Green, DSWCI ed) R Milano Intl has no contacts and nothing to do with a phantom organisation called Globe R Milan, which has started to send stencil papers with promised transmission over SW originated somewhere near Milano. The news stated by Free R Svc Holland originate from a moment of madness of the operators of FRSH. R Milano Intl is still inactive on SW, operates 5 kW on 1301 (Dario Monferini, Milano, Play-DX 25/4)

J A P A N

R. Japan has been bcng the following EG programs since May 1. This schedule will be continued until Sep.3.

General service:

0100-0200 17845 17810 15195 5960(C), 0300-0400 17810 15195 11840, 0500-0600 17810 15235 11870 11840 9505, 0700-0800 21695(G) 17810 15235 11955, 0900-1000 17810 11840, 1100-1200 11815 6120(C), 1400-1500 11815 11780 9695, 1500-1600 21700(G) 11815 9695 9505, 1700-1800 11815 11705 9505, 1900-1930 11705 9640 9505, 2100-2130 11850 11815 9695 9640, 2300-2400 17810 15230 15195 11815 11800(G).

Regional service:

0100-0130 American Continent 11705, 0300-0330 American Continent 21610 17825 11870, 0900-1000 Oceania 15235 11885. (C); relay from RCI, Sackville, Canada, (G); from Africa No.1, Moyabi, Gabon.

Schedule of RCI via R. Japan is same as M-88[B]. (Toru Yamashita)

R. Japan has started a new "DX Corner" in Korean program since Apr. 9. It provides DX news and informations around the world for Korean DXers. Manuscript and announce by a Korean-speaking Japanese DXer Toru Yamashita of ABI. This program is independent of same name corner of General service in English.

Broadcast once a month, 1st Sat., as a rule. 1045-1100 9580 7210 kHz, 1345-1400 7210 6080kHz. The following are date of broadcast until Mar. next year: June 4, July 9, Aug. 6, Sep. 3, Oct. 8, Nov. 5, Dec. 3, Jan. 7, Feb. 4, Mar. 4. (Ed.)

(East Asian DX News of Asian Broadcasting Institute 17/5 via Tetsuya Kondo)

KENYA Daily Nation, Nairobi, reported 25/4 on "Massacre: Broadcasting House Failed Kenyans". VOK failed yet again to live up to [being] the mouthpiece of Kenyans when it kept the nation in the dark regarding the killing of 200 Kenyans by cattle raiders last week. A belated commentary on the raid wasn't good enough, writes Kibe Kamunyu. Nation was jolted 17/4 when nx was broken, three days after the event, that 200 Kenyans [why do they keep calling them Kenyans? --if such an event occurred in the US, the victims would not be called Americans, but people -gh] had been killed by cattle rustlers in Lokichogio, Turkana district. When I first hrd the nx, thru BBC, my first reaction was that this was another story exaggerated and blown out of proportion in a manner calculated to injure the image of the country. I switched on to VOK for the "real story". Surely no event of that magnitude could escape a nation's broadcastng stn. When the morn nx yielded no such story, I was converted. The forn media were at it again. They had hrd of an earlier cattle raid by a group of herdsmen and made capital out of it, telling the rest of the world that Kenyans had been annihilated by armed bandits. Not until the story was told by all the five Sunday newspapers, did it become clear that BBC had not imagined it all. This, alas, was not another grand design by members of the fourthe state in the West to distort events in the country, selectively biased tho the BBC report was. Even tho that bng stn and the Western media generally are overly fond of negative Af events. At least, unlike VOK, they did not ignore the story...

Much has been said about the W media sensationalising Af events, perhaps because their audience has been wrongly led to believe there is nothing to report on Af and the Third World in general other than chaos, coups, hunger, poverty. Tho we certainly have our share of these, that kind of selective bias is obviously unforgivable. But closer home, it is equally unforgivable for the sole national broadcastng medium to make out as if the events in Turkana did not exist... How unfortunate that importance of such a magnitude should be learned from forn sources. As a nation, it does not speak much of our means of communication. The massacre took place 13/4. But the country, or rather newspaper readers, only learnt of it 17/4. I say newspaper readers, that is about 2 megapeople, out of a population of 10 megadulfts, because rest of country was not told about the massacre thru their most immediate means--radio. It was a professional sin for VOK to bc a commentary on TV 18/4 and on radio next day, when listeners and viewers had not been told of the event. Springing topics like that on listners is testing their impatience, but worst of all, the chances that the commentary would not have the desired effect are increased 10 times when the topic was not part of the nx bc. Much as the station redeemed itself, if only slightly, with the commentary on the Turkana massacre, the omission of the nx in the first place was unpardonable. There is just no good reason why Kenyans should not have been told of it by Saturday evening. Yet, it was a dastardly act in which almost as many Kenyans as have died on the roads this year were brutally murdered. We must ask VOK to pull up its socks and wake up... (WBI 29/4)

KOREA SOUTH has adopted a DST since 8/5. Also this year, R Korea has gone ahead the xmtg sked one hour (Toru Yamashita, E Asian DX News of ABI 17/5 via T Kondo)

LEBANON V of Israel reported 22/4: Pro-Syrian militia in Leb claims to have prevented establishment of a Fatah bng stn that was going to bc from Leb to terts held by Isr. Members of the militia, Popular Libn Army, reported that Fatah had already begun building the stn in the port of Sidon, which is under their control, w/out prior coordination (WBI 29/4)

V of Palestine, V of the Palestine Revolution (Arabic: Sawt al-Filistiniyah, Sawtath-Thowrah al-Filistiniyah), supporting PLO leader Yasir Arafat, first hrd 7/7/87 but may have existed for some time. Isr nxpgrar cited Kuwaiti nx agcy correspondent in S Leb as saying PLO distributed leaflets in area 12/5 asking Pals to tune in. Xmtr thot to be in one of PLO camps in S Leb. A Pro-Arafat VOP radio last hrd in 1983 bcing from north Leb but an anti-Arafat stn, which IDed as V of Pal, V of the Pal Rev, V of Natl Unity, was hrd Mar-Aug 1984. This VOPVOPR is on 1149 in AR 12-16 w/nx at 14 & 1530 (WBI 6/5)

LIBYA Monitoring 24-26 Apr: Xmsn of V of the Greater Arab Homeland svc continues hrd on various SSB fqs. 24 & 25/4 obs 1030-1240 on 13700 13500 9705 USB // regular AM 15450 15415 15235. VOGAH pgm ended 1230 when all fqs joined DS. SSB fqs closed at 1240. 25 & 26/4, the eve VOGAH bc from 1745 obs on SSB 5705 [sic--9705 was given above; which, or both?] 4500 4200 USB, 4155 LSB, 1830-22. All four SSB ch // AM 15450 15415 15235 (WBI 29/4)

MACAO RDP R Comercial, Lisbon reported 27/4: Antonia Ribeiro, Chairman of Admn Council of Teledifusão de Macau, TDM, was arrested 26/4 at about 2000 local by court order. Antonio [sic, so it's a man, not a woman?] Ribeiro is presently in the Civil Govt jail. About two months ago, the journalist (2Maia Cadete) levelled accusations of corruption against the TDM Chmn in an interview to a Macao newspaper (WBI 6/5)

MALI Rgif TV Malienne bcs in FR, Bambara, other local langs, and irregularly in EG & AR. Fq usage subject to some variation. Up to three of the listed HF channels are used at any given time: Mon-Sat 0555-07 on 7285 5995 4835 4783; daily 07-08 on same, 08-10 on 11960 9635 7285 7110, 1155-18 on same; 18-24 on the morn fqs again; at all times on 540 MW and 91.0 FM. FR pgm pvw at 0559-0606 and 12-1205 after nx. FR nx at 07 exc Sun, 0755, 12, 13 + verns, 15, 20, 2230 (WBI 29/4)

MARTINIQUE France Inter reported 28/4: A group of about 10 men last night ransacked premises of RFO, Fort-de-France. Burst into bldg at about 3 am local and threw petrol bombs. All TV installations destroyed within a few mins. After several explosions, fire broke out and men fled. Tech present at time was caught in explosion but his life not in danger. Vy substantial damage caused, and as result, RFO Martinique silent since this morn, unable to bc either radio or TV. No one has yet claimed responsibility for attack. France Inter reported 3 hours later: A clandestine group supporting independence has claimed by phone to have carried out bomb attack destroying RFO. Called 22nd May 1948 group. Says ready to fight colonialism and Eu integration. Group has not been hrd of for about 10 yrs and last night left graffiti on the spot. Radio bcs have resumed from temporary installations (WBI 6/5)

MOZAMBIQUE Name of organisation: R Mozambique; name of svc: R Maputo. Fqs subject to variation. Only monitored fqs listed here; ea xmsn preceded by 10 mins stn ID & anmts in PT, EG, FR, SH. ES in EG: 11-1130 on 11818 9525 1079; 18-19 on 9618 4855 3340 1079, both to Af. Pgms incl 11-1110 & 18-1810 nx. Outlook Africa current affairs pgm at 1110-1130 & 1810-1830 daily. Fqs of 11835 & 3265 plus FM ancd but not confirmed (WBI 6/5)

NETHERLANDS [Cf March LN-23] only changes to the RN EG sked are: 0830-0855 bc on 9630B is Mon-Fri only. 1030-1125 9675B ex-9685B. RN's output totals: 316:20 hours per week including 92 DT, 72:05 EG, 44:55 SP, 33:15 Indo, 25:40 FR, 16:20 DT-Carib[including other langs], 19:15 AR, 12:50 PT (WBI 29/4)

NEW ZEALAND RA reported 26/4: NZ govt says it plans to deregulate bcng, opening industry to new radio & TV companies that would not need licences to go to air. New policy outlined by Min of State-Owned Enterprises Richard Prebble, who said aim to improve economic efficiency and consume choice. Measures include abolition of bcng warrants, setting up bcng commission independent of govt to provide funds for making of specialist interest pgms, and removal of restrictions on xmtg on airwaves. BCing Tribunal, which now awards warrants, to be abolished. Mr Prebble said govt had decided to retain public ownership of two TV channels and at least two of present four radio nets. Minister didn't give timetable because further work and legislative changes were required (WBI 29/4)

RA Communicator Auckland correspondent also reported on this, adding: TV nets to be retained by govt are TV1 and TV2; radio nets almost certainly Concert Pgm and Natl Pgm, currently relayed on SW. Expected that these public svc opns of RNZ will be split off completely from commercial activity. BCing Comm to be funded either by direct govt grant or continued TV licence fee; comm will support those aspects of bcng not covered by commercial or competitive needs. E.g., minority intrest pgming, NZ Symp Orch. But main difficulty I see is scarce fq spectrum. Means by which fqs allocated yet TBA and suggested that competitive bidding for fqs might decide the issue [now we know where Mark Fowler has gone... gh]. But there is effectively no space left on VHF for further net TV in NZ. AM has limited vacancies, but our FM band yet to be completely cleared for bcng svcs. Any TV activity likely to be local rather than natl, on UHF or cable. Large number of new entrants on FM can be expected, w/consequent ratings battle and struggle to get that ad\$. Currently 10 radio stns serve population of a mega. Lots of details yet to be worked out; series of reports commissioned to bring forward recommendations over next 5 months, e.g. fq alloc, future of BCNZ, 32 comml AM stns, SW svc, access radio. Positive response from bcers (WBI 6/5)

NORWAY Norsk Rikskringkasting, R Norway Intl, Oslo, Atlantic Ocean Wx Report: 0055-0100 11865, 0255-03 11850, 1455-15 15310, 2255-23 15325. Other xmsns are 45 mins, all in NW uos: 00 As/Am 11840 9620. 01 Am 11865 9615. 02 Am 9565. 03 ME/AF/Am 11865 11850 11830. 04 ME/AF/Am 11760 9650. 05 Eu/ME/AF 15310 & 11735. 06 Eu/ME/AF/As/Au 17780 15165 9590. 07 Eu/ME/AF 15165 11735 9590. 10 Eu/ME/AF/As/Au 21730 15400 15235 11870. 11 Eu/AF/As/Am 17780 15235 15185 9590. 12 AF/As/Au/Am 21700 17780 15310 15165. 13 Eu/AF/As/Am 21700 17810 15310 9590. 14 Eu/As/Au/Am 15305 15300 15295. 15 Eu/ME/AF/Am 17840 15310 15170. 16 Eu/ME/AF/As/Am 15310 15180. 17 Eu/ME/AF/Am 15310 15220 9655. 18 Eu/AF/Am 15310 15220 9655. 19 Eu/Au/Am 15310 15220 9590. 20 Eu/Am 15310 9590. 21 Eu/Au/Am 17780 & 15265. 22 Am 15180 15165. 23 Am 15325.

The first half hour on Sundays is in EG on these xmsns: 10, 13, 14, 16, 17, 19, 20, 22, 24, UTC Mon 04, 05. Exactly the same xmsns on Mon+UTC Tue carry 5 min Spanish pgm at :40 past the hour. [This leads to one of my favorite anomalies in ISWBC--a stn using a lang which is spoken neither in the homeland nor in the target area--Spanish to Asia]. Fqs subject to fqt alteration. [Main one to NAM is 15310--tho this info on which targets go with which fqs is easily available, BBCMS computerized format forces them to mix 'em all up. In case you have not noticed, the target areas are always given in the same order, while the fqs are given in numerical order which may or may not correspond to targets] RNI total output is 122:25 per week mostly in NW, but including 5:30 in EG, 55 mins in SP (WBI 6/5)

PANAMA TV Nacional reported 22/4: US is now ready to begin bcs from a clandestine radio stn on a ship station off Panama's coast. Objectives are: (1) to jam Panama's R Nacional; (2) to incite Pans to rise up and protest because the calls by the servile crusade [play on name of civic crusade --BBCMS ed note] have been ineffectual since June [sic]. Stn is a further violation of Canal treaties. It is a new act of indescribable aggression by a world power against a small country that is not its enemy but is simply defending its rights and trying to guarantee fulfilment of commitments involving fundamental gains for this country. How on earth can Reagan adm support a clandestine radio in Pan when there is no war in Pan, where there are no hostilities and when no reprisals have been taken that might justify presence of troops and number of measures taken against us? Commerce Minister Mario Rognoni has talked about granting exceptions to US firms, not of penalising them when they evade taxes. This people's cordiality and clear stand could not be altered by all the pressures that have been used. They are now going to resort to using a radio stn, believing that harangues will make the people rise up and that there is no alternative to the jamming of R Nacional. If they try to jam RN, Panama will jam the clandestine bcs from the ship off its coasts or from some point in the CZ... (WBI 29/4)

AFP reported 10/5: 9/5, deposed pres Eric Delvalle urged Pan people over a clandestine radio stn to keep faith in the "Struggle to restore the constitutional system," per parliamentary sources. Opposition legislators said former pres spoke this morn on a clandestine stn IDing as R Constitutional, weak on 89 MHz FM. Per the sources, Delvalle said Republic of Pan currently has "two megahostages", referring to fate of inhabitants living under govt headed by Manuel Solis Palma, who is backed by military. In March, when polit crisis worsened, clandestine xmsns of Delvalle making antigovt statements overrode bcs on govt-run R Nacional thrice, and on R Mia, privately owned, twice. Former pres joined opposition's call for resignation of Gen Manuel Noriega, Commander of Pan Defence Forces, after Delvalle was removed from office by Legislative Assembly, following his unsuccessful attempt to dismiss top mil leader. Since then, Delvalle hiding in CZ under protection of US armed forces, per unoffl reports (WBI 20/5)

Obviously this is a disgusting situation the Rotten Ronnie Reagan Regime got us into, but I am also disgusted by the gross ignorance displayed by the majority of big-name US network newscasters, in copying with pronouncing the name Delvalle. They seem to approach each foreign name as a new mystery to be investigated, rather than taking a few minutes to learn the absolutely simple and regular Spanish spelling/phonetic scheme. Thus his name frequently comes out as if it were pronounced the same as ex-Haitian dictator Duvalier!! While anyone with a lick of sense about Spanish would pronounce it del-VAH-yeh w/out blinking (gh)

PAPUA NEW GUINEA RA Communicator report from Gordon Darling [ex-BBCMS person], in Port Moresby, 8/5: Kundu svc of NBC has purchased 11 new 10 kW xmters from NEC in Japan. Was believed these'd come on arnd latter part of this year. Latest reports suggest that by monthend or Junebegin, first of them'll be on line. Ones

to to look for initially are Lae, Alotau, Port Moresby = R Central. Hopefully these'll be coming up w/much stronger sigs than hitherto and'll be hrd far more widely thruout Pac & NAM & Eu (WBI 13/5) No, no, say it isn't so--we need extremely difficult to hear 2 kW DX targets; how dare they become easier to hear? (Darker DX side of gh)

PERU R Atahualpa on new 4821.6, from Cajamarca, first hrd 25/4 1113-1135 w/ pgm Raíces Folkloricas including msg svc, local ads. Nom. 4820 ancd //1380 MW. Greeting listeners in several cities of NE Peru, which must be due to the new SW fq. Also 29/4 0931-1000, 1/5 *0909-0920, NA, s/on as Atahualpa Radio, folk mx pgm Estampas de Sierra. More than a year ago I sent WRTH info about future plans of Pv stns including this one for OAZ2F on 4820, but missing from WRTH 88! I visited this stn in Oct 1985; belonged to ORC = Organización Roberto Cruzado; stn founded 8 Jun 67, first on MW 1380, then changed to 850. Xmtr site is in Urbanización Fatima, 6 km from studios in Plaza Bolognesi s/n (ex-Jirón Lima 1004). Gerente Sr Luis Cruzado Ossio says sked is Mon-Sat 09-05, Sun 10-05. On my visit obtained letter signed by Cruzado attesting to my presence there. His business card gives phone as 2721 in Cajamarca; 421137 and 422070 in Lima at Francisco Masias 575, San Isidro (for ORC) (Takayuki Inoue Nozaki, Tokyo, May Relámpago DX) Great info, as usual from you; the documents you got on visit also say 850 kHz, so I wonder why they are still ancd 1380. Move back?

R Amistad, 8515, Soritor, Morobamba [sic], San Martin -- During our latest DX camps in Bavaria we rcvd regularly extremely weak sig on this fq w/"chicha" style mx, presumed this, but listed as tentative log because too weak to ID. But have rcvd info from a friend in Moyobamba who visited stn. Must be one of smallest stns in world; local outlet for people in Soritor, 18km NW of Moyobamba. Soritor has 8 kiloinhabitants of which 80% are farmers, 10% businessmen, 10% workers. The village is vly undeveloped. Sr German Rojas Vela was teacher at the school and a local musician. He introduced the radio to Soritor, a village which doesn't fulfill requirements for setup of radiostn. Audience is limited, the few dealers there do not need radio ad. Nevertheless, xmtr bought which started opn 30/8/83. Was called Pregon Cultural, pgms of educ and cult anmts for village. From 15/1/85, called R Amistad w/new SW xmtr on 8515, dipole. Whole pgm done by German Rojas Vela and friend Erasmo Padilla Tejada. Sr Rojas Vela died one year ago and since then the stn is owned by his wife. Whole stn run by two people who do all pgming, etc. At 2330-0430 UTC. Xmsn time limited since there is only 5 hours of electricity supply in Soritor. Starts when power engine is working and ends when it is switched off. Financial expenses of stn covered by contribs of local bank, some industrial enterprises and private businessmen. R Amistad cannot be called a commercial stn, more of a local info source covering the few inhabitants of the small village Soritor and nearby Caserios (M Schmitz, FRG, SWN)

PHILIPPINES FEBC on 9800, from 1100 in CH, 1400 IS & RS relig, 1830 UK pgm to 1900*, Sun 1/5; RS pgm has moved here from 9830, where KFBS now hrd *1100 in CH, 1600 in RS. On 9495, CH pgm hrd at *1000-1400* since 3/5, incl some relig talks & hymns; unID moved here from 9830v & still a mystery, no IDs at s/on or s/off; F-G sig on NF, apparently not from Philippines or Marianas; 2 other stns also moved from 9830 on 1/5, FEBC to 9800, KSDA to 11700; unID was first noted 24/3 on 9830v; is anybody else working on this? Need help from CH speaking DXers. (Ernie Behr, Kenora Ont, 5/5) 9495 is FEBC Manila, the unID ex-9830v which I reported in May LN-30; hrd on 9830v since 24/3 w/out IDs, on 9495 since 3/5 in CH; finally started using IS & EG IDs 11/5 from *0957, CH rel pgm to 1500*; confusion was caused by lack of IDs, irreg s/off times & QRM from second FEBC xmtr on 9830 in RS, wiping out much weaker CH pgm after 1400 in Apr; didn't think they would QRM their own bcs from two diff sites near Manila; FEBC also has diff CH pgm on 9800 from 1000, now followed by RS at 1400; adding to confusion, KTWB also on 9495 since 8/5, in RS *1458-1530*, covering s/off anmts of FEBC; relig stns are running out of space on 31m (Ernie Behr, 12/5) Put 'em all on one fq (gh)

FEBC 10 kW xmtr at Bocaue on 6005 22-2330 Cantonese & Amoy. 100 kW at Iba on 9830 22-24 Mandarin, 12025 03-09 MD, 9800 09-14 MD, 14-1830 RS, 1830-19 UK. New 9495 10-15 in CH dialects, 50 kW Bocaue. FEBC EG on new 15480 at 00-02, ex-15445 but RTTY QRM. Other EG: 03-05 11850, 0830-0930 11850 15350, 13-16 11850, 23-2330 6030 (Robert Chester, RA JP DX Time 13/5)

POLAND R Polonia reported 25/4: As of May, making quite substantial changes to our sked. Good news for [Eu] listeners wanting one-hour bc: instead of concert

pgm at 2305-2355, 50min EG svc, right after regular EG svc at 2230-23, almost a sesquihour of EG. In exchange we have to hand over something, xmsns poorly hrd, i.e. 1730 & 2030. Two Postbag sessions, Mon & Fri, at 16, 2230 and in the 2305 xmsn, same pattern for most features. Postbag also on the 0630 Tue & Sat (WBI 29/4)

PORTUGAL RDP Intl ancd 21/4: Starting today, we are adding an hour to daily bcs to Timor/FE: M-F *1100-1300 Lisbon time as part of bcs to Af. Sat/Sun 08-10 Lisbon time. Monitoring 21-22/4: Svc on 15225 hrd 10-12 gmt ex-09-10. 2nd hour of xmsn is //RDP Af svc 21700 15265 15250 (WBI 29/4)

ROMANIA R Bucharest ancd 20/4: R Holiday (Romanian: R Vacanța), summer stn being from Mamaia, vy important sea resort, opens being in RM, GM, EG, RS, FR for 7 hpd 22/5. Keep in touch if you're visiting us by bringing a small transistor radio.

R Bucharest reported 20/4: At Maybegin, changing fqs for summer, and major changes: drop 1045 short pgm, extend 13 to one hour; this bc hrd also in NAM at 0800 EDT [sic--why do so many forn stns have such a hard time figuring out DST in NAM? That's 0900 EDT. Many insist on giving "EST" all summer, which would cause nothing but confusion to the casual listener except in parts of Indiana]. So 13-14 on 15365 15270 11940 9690; 1930-2030 Eu & 21-2130 on 11940 9690 9750[sic] 7145. NAM only one change, 21 & 23 EST (02 & 04 gmt) on 11940 11830 9570 9510 6155 5990. Pac 0645-0715 still 21665 17805 17790 15335 15250 11940. As 12 on 17720 15280; 15 from 1/5 on 17745 17720 15335 15250 11940 11775. Af 05 on 17790 17720 15380 11940 11840. 1730 Af 15340 15270 11940 11790 (WBI 29/4)

SAINT VINCENT Cana nx agcy, Barbados reported 4/5 from Kingston [sic--it's Kingstown], St Vincent: Senior Nx Ed of state-owned Natl BCing Corp, Theresa Daniel, was sent on 12 days leave 4/5, amid govt concern tht nx of its activities was not given sufficient prominence on stn, pr sources close to situation. Action taken after apparent govt dissatisfaxion w/fact that industrial action by LIAT staff, which has crippled airline opns here for second day running, was lead story on Wed morn nx, ahead of a report on govt's distribution of land to farmers. Action taken against Daniel is to facilitate a reorg of nxroom, which has been placed under control of acting GM Bernard John. Daniel is to be reassigned to new duties. NBC offl reported as saying previous govt complaints abt handling of offl nx had gone unheeded by nxroom. Last year, journalists at NBC Radio 705 staged a sick-out [as rcv'd] to protest alleged attempts at govt QRM in opns of nxroom (WBI 13/5)

SOUTH AFRICA SAPA nx agcy reported 20/4: SABC Dir-Gen Riaan Eksteen is to step down immediaely, effective tomorrow. SAPA reported six and a third hours later: By resigning, Mr Eksteen became victim of autocratic style of govt of state pres, Conservative Party spoxeman on SABC Mr S C Jacobs said. "No doubt resig is direct consequence of clash last year between State Pres Mr P W Botha, and Mr Eksteen". "Immense finncial benefits Eksteen receives for 5 yrs is typical of golden handshakes given by govt to people who resign or are forced to," Jacobs said. "Waste of taxpayers' and licence holders' money is strongly condemned by the CP" (WBI 29/4)

SWEDEN R Sweden ancd 14/5: Bcs abroad in SSB will continue until at least 1/1/89. Televerket (Swedish Telecomms authority) earlier said opn of SSB at Grimeton just outside Varberg (S of Gothenburg) 'd end on 1/7/88. Currently carries SR pgm I during day, RS ES at night. Also, reports from big sporting events can now reach Swedish listeners abroad via SSB xmtr. Info that SSB would end has caused strong protests from many listeners (WBI 20/5)

SWITZERLAND SRI in EG for May-Nov (or at least Sept) for half hours: 02 5965 6135 *9725 9885 12035. 04 6135 *9725 9885 12035, 0630 15430 *17570 12030. 0830 & 10 9560 *13685 17830 21695. 11 11935 *13685 15570 17830. 1330 11695/15135 China; *13685 15570 17830 21695. 1530 *13685 15430 17830 21630. 1830 9885 11955. 21 9885 12035 *15570. * = 500 kW. To Eu, time shifts hour later from 25/9; 0630 on 3985 6165 9535. 12 6165 9535 12030. 17 3985 6165 9535. 2130 on 6190 (via Richard Lemke, St Albert Alta) SRI output totals 166:15 hpw excluding Eu (WBI)

TURKEY Monitoring 6-11 May: Since 6/5, VOT obs w/GS in TK on OOB 14880, 0355-1555; //15105 12035 at 0355-09; 11960 10-1555 (WBI 13/5)

U S A WRNO has revised WORLD OF RADIO sked again: Thu 1500 on 11965, Fri 0030 on 7355, Sat 03 on 6185, 2330 on 13760, Sun 2030 on 15420; see COSTA RICA (gh)

WHRI, 13760 at 1937-2221 3/3 in EG, pop mx, ads, 33323 (Mikhail P Timofeyev, USSR, and Jorg Sayok, FRG, April DSWCI SWN) Fq switched to WRNO after 21 and nobody noticed. The pgm details, sketchy as they are, sound more like WRNO than WHRI. If a fq is used by one US SW stn, chances are it will switch to another one in 2 or 3 hours, so pay attention (gh)

U S S R AUR repored 25/4: The Beludzhi, who live in Murgab valley in Turkmenistan, have been given opportunity of listening to bcs in native lang; first half hour pgm prepared by journalists of Mary Radio has gone on air. Such pgms'll now provide regular coverage of life and affairs of Beludzhi, natl culture, traditions and natl creative work (WBI 6/5)

Monitoring 4-8 May: R Moscow and associated ES (RSP&P, R Kiev etc) introed summer pgm & fq sked Wed 4/5; main features: R Moscow Intl (RMI) svc in FR is now on air 04-07 & 12-22. Has absorbed previously separate regional svcs in FR which were bc to Maghreb, France, Belgium, Af. Seems to be contrary to indications in anmts made by RM in run-up to intro of new sked. Weekly bcng output in FR from RM is now 91 h. Previously was 56 h for RMI svc, plus 21 h for 3 separate regional svcs.

RM AR svc now 03-04 & 14-2030, totalling 52:30 per week, increase of 7 h. RSP&P single half hour in AR moved from 1530 to 1330. RM GM svc now 0430-0530, 09-10, 15-2030, representing weekly output of 52:30, increase of 3:30. RSP&P single half-hour in GM moved from 1930 to 1430. RM Escucha Chile svc in SP, two daily half-hours in SP by R Magallanes via Soviet xmtrs, and two bcs by RSP&P in SP & PT have been retimed. (old time in ()): R Magallanes 01 (02); R Moscow Escucha Chile 0130 (0230); R Magallanes 0230 (0330); P&P in PT 03 (01); P&P in SP 0330 (0130) (WBI)

Glad to see ment of extended sked for RMI in FR, as I hadn't hrd about this in any DX pub before. First discovered extended sked 9/5 1348 on 17680, when found FR talk abt Uzbekistan; 1354 promo for meeting w/RMI journalists and Soviet PR people aboard Sov ship in Marseilles harbour on 15/5; then ID anmt that RMI'd be on same fqs in 16, 19, 22, 25, 31 mb for 14-15 hour. So far, hv hrd both 17680 and //15525 in 12-13, 13-14, 14-15 hours; yet to trace other//fqs or fq usage elsewhen (Wm Westenhaver, Montreal PQ, 15/5)

R Moscow WS anmt 0210 15/5 to background of phone ringing; Call the WS of RM: Our daily feature Update gives you opportunity to phone in. We'll respond to your msg and questions within 48 hours in Update. Call Moscow 2336595 anytime day or night. Update usually bc at 0310, 0810, 1210, 1810 [make those 11s -gh] (WBI 20/5)

Belorussian SSR Gostelradio's ES, R Minsk, now sked 1730-18 on 11780 9710 9560 7330 in Belorussian M/T/T/F, German S/W/S; 2030-21 in BR on 7205 6185, all Eu. During winter time in USSR, all one hour later (WBI 20/5) So GM easier to remember same days of successive weeks, rather than certain xmsns certain weeks of mo Baku, daily on 4957.5, 1450-2145, mostly local songs and mx, 34443 (Finn Krone Denmark, DSWCI SWN)

URUGUAY R Carve, Montevideo, reported 21/4: A MLN (Natl Libn Mvmt - Tupamaros) mouthpiece will probably rent air time on our sister radio stn CX44 R Panamericana. The Tupamaro weekly, Mate Amargo [Bitter Tea] will soon reach agmt to rent air time on most of CX44's pgms. Reliable sources have confirmed this info and revealed that the contracting parties will sign the appropriate documents and conclude the agmt next weekend (WBI 29/4)

VENEZUELA R Mara, 3275: Rafael Oliveros Rodriguez, head of pgm Tangos y Algo Más rcvd the being prize "Mara del Oro 1987" in Jan. Pgm is bc M-F 22-23 including these mx styles: tangos, boleros, vales, danzas, pasillos, pasodobles, milongas, corridos, bambucos, joropos, gaitas, conradanzas--anyone confused? (Panorama de Maracaibo 11/1/88 via M Schmitz, FRG, April DSWCI SWN)

R Mundial Bolivar, 4770, now operating regularly *10-01* //1010 (M A Rodriguez L, Venezuela, and R G Sewdien, Suriname, April DSWCI SWN) Nice to have this back on SW, rcvd here daily w/G sigs. Still w/same format as 2 years ago. I cannot understand why those stns in the jungle part of Venez dropped SW. MW reception range is extremely limited and normally only covers some 20-30 km during daytime. SW covers much more, up to 150 km daytime. Often it is the only connexion to the village situated in the llano or swamp regions (M Schmitz, FRG, April DSWCI SWN)

VIETNAM [Cf May LN] More detailed info from Isao Ugusa's BCing Stns of Vietnam, 9/85, and from a Viet friend who lived in Kontum City. Gia Lai-Kontum is in Central Highlands of old S Vietnam, not in northern SV. In old SV days the province was called Kontum. My friend from Kontum City says there is a tribe called Gu-Li,

(pronounced Gu-Lee) whereas Gia Lai is pronounced Ya-Lie. Stn itself is in Pleiku City, which in SV days was Pleiku Prov but now in GLKT as the two were merged. Per Isao Ugusa's publication, Viet ID is "Day la dai phat thanh Gia Lai-Kontum, phat thanh tu thi xa Play Ku." (This is GLKT BCing Stn, bcng from Play Ku town). Incidentally, I lived in downtown Pleiku City for 8 months in 1968.

Lam Dong Prov in SV days was called Tuyen Duc and its capital was Da Lat. Viet ID per Isao is "Day la dai phat thanh Lam Dong, phat thanh tu Da Lat." Da Lat is far SE of Hue. Binh Tri Thien Prov consists of three former provs: one from southernmost NV, Quang Binh, and two from northernmost SV, Quang Tri and Thuan Thien. ID is "Day la tieng noi Binh Tri Thien, phat thanh tu thanh pho Hue" (This is the Voice of Binh Tri Thien, bcng from Hue City). Another SV stn hrd by Mitch Sams was Nghia Binh; this is new name for Binh Dinh prov, and I believe radio stn is in Qui Nhon, coastal town and capital. I also lived in this city for 8 mos in 1968 (Bruce MacGibbon, Gresham OR, DX Spread) Tnx for clarifications. Not clear whether "I" is MacGibbon or unID friend, but whoever it was somehow managed to stretch 1968 to 16 months! Come to think of it, that year seemed like it would never end for a lot of us, hi (gh)

C L A N D E S T I N E C R A N N Y R Macondo Prensa Latina, Havana reported 29/4 from Bogotá: Insurgent M-19 has ancd that in next few days, its stn R Macondo will begin xmtg on FM under slogan "Let's make news freedom work". In communiqué sent 19/4 to media, rebel orgn said initially it'll xmit for SW Cauca and Valle del Cauca depts in mtns where three of the group's columns are active. R Macondo, bearing name of town immortalized by Nobel laureate Gabriel Garcia Márquez in his work "One Hundred Years of Solitude" was launched on day the rebel group celebrated 14th anniv of its founding (WBI 29/4)
R Constitucional see PANAMA 4)

La Voz Popular Monitoring 22-23 Apr: Stn which carried material hostile to Guat govt on behalf of URNG (Guat Natl Revly Unity) continues hrd irreg during weekly bc. Obs 2347 22/4 to 2413 23/4 on fq varying 6950-7030 to avoid QRM (WBI 29/4) Prensa Libre, Guat City, reported 29/4: Guat army High Command has deployed thousands of soldiers whose instruxions are to locate xmtr used by URNG cland r stn LV Popular, per Cerigua press agcy rpt. So far opn to end cland radio bcs has been unsuccessful, even tho conducted for a year, per Cerigua, which says it obtained info from stn itself. Cerigua adds that per URNG on Wed and Fri ea week, when V Popular can be hrd, there are clashes betw army troops and guerrillas in Sierra de las Minas mtn range in western countrypart (WBI 6/5)

Voz del CID Monitoring 13/5: stn hostile to Fidel Castro & Cuban govt, now hrd over main stn R Camilo Cienfuegos 0940-0210 on 9940 [varies to 9941+, also on 3x, 29820-29825 -gh] and 0210-0930 on 6305. CID also on R Antonio Maceo 1100-2259 on 11635, 23-1055 on 7380, mostly //RCC (WBI 20/5)

R Mambí hrd 19/3 on 6668 0200-0232* (Ken Baird, Scotland, April DSWCI SWN) No it wasn't--this was surely LV de Alpha 66 on its usual sked, which at closing mentions that its pgm is also carried on R Mambí, which now is a legal, if shady 50 kW MW stn in Miami on 710, "wacky" WAQI, Suns at 11 pm ET, as I have previously reported (gh)

V of the Resistance of the Black Cockerel Kwacha UNITA Press (KUP) nx agcy reported 9/5 from Jamba: UNITA stn VORBC has opened up a new intl svc in EG & FR, aimed at countries in C&SAF. UNITA Secy of Info, Dr Jaka jamba, disclosed in iv in Jamba 8/5 that the mvmt has decided to launch pgms in EG & FR to enable audiences in neighbouring states to follow events inside Angola better, given wide attention these countries pay to situation in Angola. Move also aimed at "breaking wall of silence created by Soviet disinfo campaigns against UNITA and its disordered portrayal of prevailing situation in Angola," added Dr Jaka Jamba. Pgms in EG & FR, which'll give review of nx events inside Angola during week, will be bc on Sunday aftns (WBI 13/5)

V of the People Monitoring 26/4: stn IDing as this, voice of the Libyan Natl Mvmt, hrd *1500 on 17960 in AR: "Dear listners, inside and outside Libya, peace and Allah's compassion and mercy be upon you, we have the pleasure as we meet again, to remind you that the VOP, voice of the LNM, bcs pgms on SW 16mb at 17960 at 1700 Lib summertime [1500 GMT] and on 15mb 11825 at 2100 LST [2100 GMT [sic, should be 1900 UTC -gh]]. Bc ended at 1600 gmt. From apx 14 to 15, xmtr on 17960 had carried American jazz mx. Seems diff from VOLP, next item (WBI 29/4)

V of the Libyan People appears: separate stn from V of the People; this IDs as voice of Natl Mvmt for Salvation of Libya, hrd 21-22 on 9500; ancs bcs at 06, 16, 21 on 11825 and 9500 (WBI 29/4)

Al-Ouds Radio AQR 19/4 interview w/Frayj Ahmad Khalil al-Khayri, Deputy Pres of Gaza Strip Engineers Assn and one of 8 Pals recently deported by Israeli authorities, evaluating stn: A hope for us because radios have great effect on masses in wartime. AQR a window from which we looked on every village, street, city, quarter of our Pal towns. We looked out on Arab world and hrd abt effects this great uprising was creating and its victories on the Arab, intl and local levels. Zionist enemy tried to jam bcs but we kept retuning per insruptions. However, in southern areas in particular we no longer hear AQR clearly except sporadically (WBI 29/4) AQR ancd 2/5: In view of blackout imposed by US-Zionist authorities on nx of our people's rev in Pal and their prevention of for correspondents from reporting on our people's uprising and assaults on these corrsps and seizure of their eqp and films so that such reports will not reach the world, AQR, the Pal Arab R on the path of liberating the land and man, will directly bc all the nx it receives of our people in various langs as of today, 146th day of heroic uprising, 2/5/88 (WBI 6/5)

see also LEBANON

V of Palestine R Monte Carlo reported 3/5: PLO Exec Committee continued its meet in Baghdad today under chmshp of Yasir Arafat. Talks centred on latest developments in W Bank and Gaza Strip and new Isr incursion into some areas in S Leb. Exec Comte decided to set up a new radio stn being to occupied terrs (WBI 13/5)

V of the Crusader (Mojahed) Monitoring 25/4: stn hostile to govt of Iran, obs on 4260 & 3540 14-18 on 25/4. QRM on 3540 obs from Iran ES in AR which carried V of the Islamic Revolution in Iraq and V of the Palestinian Islamic Revolution pgms at 1415-1515 and 1515-1545 resp (WBI 6/5)

V of the People of Burma Monitoring Feb-Apr: Burma Communist Party radio stn hrd 25/4 on regular 5110 fq w/pgm of EM revly mx and anmts in EM or other local langs at 1203-1345. No explanation given for stn's erratic appearance during Feb and extended period of absence since 26/2 (WBI 6/5)

V of Malayan Democracy Monitoring 25-27 Apr: Since 25/4, pro-China VOMD obs on 6007 ex-8998 //6700, in ML & Std CH 04-0515 & 1215-1330 (WBI 6/5) i.e. 45 min in Malay, half an hour in Chinese-Std. Hostile to Mal govt and to Sov/Viet influence in SEAs. Malay ID: Suara Demokrasi Malaya; Std CH:Ma-lai-ya min-zhu zhi-sheng, inaugurated 1/7/81. Replaced VO Malayan Revolution which ceased 30/6/81 (WBI 13/5)

V of Chinese People monitoring obs betw Jan & Apr: 15 min on Thu & Fri at 1200, 1230, 1300, 1330 on 1235 kHz; rarely on Mon, Tue, Sat; in Std CH (Tatsuo Gima, E Asian DX News of the Asian Broadcasting Institute, Japan, 17/5 translated and via Tetsuya Kondo)

Echo of the Masses, against S Korea, introed DST since 8/5: 10-13 5885 4160, 19-22 4160, 02-05 4160 (Toru Yamashita, ABI as above)

V of National Salvation, N Korean cland, extended xmsn since first noted 28/2: now in DST sked is: 19-24, 02-06, 09-16 on 4557 4450 3480 1053; 09-16 on 4120 (Tetsuya Kondo & Toru Yamashita, ABI as above)

P U B L I C A T I O N S 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 different pgm and fq skeds; bcng behaviour and tech developments; activities of cland & unoffl bcers. For more info write to Subscriptions Office, BBC MS, Caversham Park, Reading, RG4 8TZ, Berkshire, England (BBCMS) Costs 350 pounds per annum plus postage

REVIEW OF INTERNATIONAL BROADCASTING Issue 124 was published and mailed to subscribers 20/5. It includes minute-by-minute program schedules for BBC and VOA; advance program info for BBC and other stations; listner opinion and news about SWBC; inside news about VOA missing from other media; regular columns conducted by Loren Cox, Satellite Watch and Radio Equipment Forum. Samples \$2 in NAM, \$3 or 7 IRCs elsewhere; 10-issue subs \$21 in NAM, US funds on US bank, from Box: 1684, Enid OK 73702. DX Listening Digest #20 will be published after RIB-124.

QSL REPORT

ABU DHABI: Voice of the UAE 11865 f/d folder cd. in 22 ds. for 2 IRCs. v/s Ahmed Shouly, Controller of Programs.(Rugg-QUE). 11825 and 15385 same in 5 wks. w/ sticker and schedule.(Allen-OK).

ALBANIA: Radio TV Shqiptar 5057 p/d cd. in 50 ds.(Renfrew-NY).

ALGERIA: Radio TV Algeria 9510 via Ouled Fayet f/d cd. w/ schedule in 31 ds.(Buetow-AUSTRIA).

ANGOLA: Radio Nacional 3375 m/c cd. in 50 ds. for a PT rpt. v/s Carlos Ferrira, O Chefe do Dep- * art.(Kusalik-ALB). Emisora Regional de Lobito 5045 f/d cd. w/ site in 50 ds. for a PT * rpt. (Kusalik). Emisora Regional de Benquela 5041 f/d m/c cd. in 50 ds. for a PT rpt.(Kusalik).

ANGUILLA: Caribbean Beacon 1610 (Don't write I know!) cd. in 40 ds. v/s Gareth Hodge.(Bryant-OK).

ARGENTINA: RAE 9710 f/d "Logo" cd. in 6 wks.(Rubin-NY). 9690 same in 116 ds. w/ schedule.(Eckman-CA). 11710 f/d prepared cd. in 35 ds. v/s Silvana Licciardi. Also rcvd. schedule.(Rubin-NY).

ARMENIA: Radio Yerevan 9480 f/d cd. in 107 ds.(Rugg-QUE).

ASCENSION ISLAND: VOA 17830 f/d cd. in 1 mo.(Renfrew-NY).

ASIATIC RUSSIA: Radio Moscow 6095 via Petropavlovsk f/d "Railway Station" cd. in 52 ds. (Eckman). 7345 f/d cd. in 60 ds.(Renfrew). 13665 f/d cd. in 42 ds.(Topoleski-PA). 15470 via Vladivostok f/d cd. in 50 ds. (Rugg). 7310 via Nikolaevsk-on-Amur f/d cd. in 60 ds.(Wilkins-CO). same in 42 ds. w/ "Rowing Canal" cd.(Topoleski). 7355 via Kenga cd. in 68 ds. (Rugg).

AUSTRALIA: VL8A 2310 via Alice Springs / VL8T 2325 via Tennant Creek and VL8K 2485 via Katherine three separate ltrs. via Darwin in 36 ds. for \$1.00. v/s Karen Kane, Broadcast Production Officer.(Bryant-OK).

AZAD KASHMIR: Azad Kashmir Radio 4790 personal ltr. in 36 ds. from v/s Abrar Ali, Engineering Manager. * When directly asked where the transmitter site for 4790 is located they stated: "The broadcast you listened to is actually meant for the part of Azad Kashmir which is occupied by India and the fate of which is to be decided by a plebiscite to be held under United Nations supervision. Due to Indian intransigence it could not take place up until now."...Clear as mud! (Rippel-VA).

BANGLADESH: Radio Bangladesh 6240 f/d cd. after a f/up rpt. in 2 mo. for \$1.00. v/s Abdul Malek, Senior Engineer.(Sams-KS).

BELGIUM: BRT 5910 f/d ltr. in 5 wks. w/ schedules.(Rubin). 9925 f/d cd. in 28 ds. w/ pennant and stickers.(Topoleski).

BOLIVIA: Radio Panamerica 6105 f/d cd. w/ ltr. in 1 mo. after a f/up rpt. in SP for \$1.00. v/s Daniel Sanchez Rocha, Director.(Allen-OK).

BORNEO: RRI Pontiniak 3995 ltr. in 34 ds. * after 4 rpts. in IN over the last 5 yrs. v/s Supomo Hadisaputro, Kepala Sub Seksi Program and Drs. Magrib Suparman, Kepala Stasiun.(Darling-PNG). 3345 f/d ltr. in 392 ds. for an IN rpt. and ms. My 200 th C/V!(Cones-VA). Congratulations! * RPDTK2 Bulungan 2977 n/d personal ltr. in 33 ds. for an IN rpt. and ms. Rcvd. great photos of announcers, boat scene and traditional attire. Addr: Jalan Skip II, Tanjung Selor 77212, Kalimantan * tan.(Allen-OK). RRI Palangkaraya 3325 p/d ltr. in 1 mo. for an IN rpt. and ms.(Allen-OK).





Radio Macarena
VILLAVICENCIO



CERTIFICADO DE SINTONIA

Nombre: Gordon Darling.....

Ciudad: Sopoko, Papua New Guinea.....

Frecuencia: 5,975 Kcs Potencia: 5,000 W

Fecha y hora de recepción: 01 de 28 de Octubre de 1986 a las 11:00 A.M.....

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


 RADIO MACARENA
 Villavicencio



BRASIL: Radio Educacao Rural de Coari ZYF272 2490

- * f/d prepared cd. for a 1978 reception in 2 mo. for a PT rpt. v/s P. Martin James L. (Kusalik). Radio Bandeirantes 6090 p/d ltr. in 39 ds. for 1 IRC. v/s Salmao Esper, Superintendente.(Rugg).
- Radio Cultura do Para ZYG360 5045 rcvd. 20 prepared cds. in 1 mo. after a f/up rpt. in PT for \$1.00. Decals rcvd. v/s Ronald Pastor, Director. (Kusalik). Radio Nacional Sao Gabriel de Cachoeira 3375 f/d ltr. in 23 ds. for a PT rpt. v/s Eudson Monteiro Lima. (Van Horn-FL).
- Radio Nacional de Porto Velho 4945 f/d ltr. in 52 ds. for ms. and a PT rpt. v/s Adelcio Carvalho Ramos, Gerente.(Rugg-QUE). Radio Verdes Florestas 4865 f/d ltr. in 66 ds. for a PT rpt. and ms. (Van Horn). Radio Nacional de Macapa 4915 f/d ltr. in 26 ds. for a PT rpt., ms. and \$1.00. Report was sent to Eudson Monteiro Lima at Macapa.(Rugg). Radio Nacional Tabatinga 4815 f/d cd. in 23 ds. for a PT rpt. and ms. same v/s as above.(Van Horn).

BURKINA FASO: Radio Burkina 4815 f/d ltr. in 55 ds. for a FR rpt. and \$2.00.(Robinson-IL).

CANADA: Radio Japan 6120 via Sacicville n/d "Samurai Barracks" cd. in 1 mo.(Rubin). CKZU 6160 f/d cd. in 16 ds. for \$1.00.(Robinson). same in 18 ds. v/s D.J. Horner.(Cole-CO). p/d cd. in 16 ds. v/s Dave Newbury.(Paszkievicz). CKFX 6080 paper "Logo" cd. in 17 ds.(Eckman). CHNS 6130 f/d "Ocean Playground" cd. in 18 ds.(Cole).

CANARY ISLANDS: Radio Exterior de Espana 15365 f/d "Bullfighter" cd. in 17 ds.(Robinson-IL).

CHAD: Radio Tchadienne 4905 short form ltr. in 5 wks. for a FR rpt. and \$1.00.(Sams-KS).

CHINA, PEOPLES REPUBLIC OF: Voice of Pujang 3990 cd. in 32 ds. direct from the Shanghai * address for SAGE.(Darling-PNG). Fujian PBS 4975 p/d cd. in CH in 1 mo. for 1 IRC. direct from station.(Wilkins). 4840 f/d cd. via Beijing in 37 ds. for ms.(Cones). Radio Beijing 15445 f/d cd. in 162 ds.(Rugg).

VERIFICATION SIGNERS: Radio Impacto 5030 Hector Requena, Asesor General. XEPPM 6185 Ing. Gustavo Carreno L., Subdirector Tecnico. Ecos del Torbes 4980 G. Gonzalez Lovera, Presidente. Radio Capital 4850 Manuel Correa, Gerente de Produccion.....via Renfrew in NY.

Xinjiang PBS 5800 f/d cd. via Beijing in 13 ds. for 1 IRC.(Wilkins). Yunnan PBS 6937 f/d "Toy Pandas" cd. in 13 ds. for 1 IRC. via Beijing.(Wilkins-CO). Voice of the Strait 3200 f/d cd. in 6 mo.(Field-MI). Zhejiang PBS 2475 p/d small cd. in 23 ds. for 1 IRC. * (Wilkins). Spanish Foreign Radio 7165 and 11870 p/d cd. w/o site in 1 mo.(Renfrew). Swiss Radio International 11695 f/d cd. w/ schedule in 12 ds.(Buetow).

CLANDESTINE: Voice of Unity 11490 n/d "Map" cd. in 14 mo. for 2 IRCs. Addr: Box 2605, * 2000 Hamburg 60, FRG.(Wilkins). La Voz del CID 11700 via Radio Clarin red,white and blue "Logo" cd. in 138 ds. for ms. Addr: Apartado 8130, San Jose, 1000 C.R. (Eckman). * La Voz de Sandino 6205 f/d personal ltr. in 2 1/2 mo. for a SP rpt. (Field-MI). Radio Iran 9400 p/d cd. in 50 ds. for 1 IRC.(Renfrew-NY). La Voz de Nicaragua Libre 5565 f/d personal ltr. in 2 1/2 mo. on my 5th try for a SP rpt. Addr: Apartado 348-1200, San Jose, * C.R. (Field-MI). Voice of the Communist Party of Iran 4507.3 f/d ltr. in 2 mo. Letter states that radio code is EPB 2K REZA (whatever that is???) (Barto-CT).

COSTA RICA: Radio for Peace International 7375 f/d cd. in 75 ds. for ms.(Renfrew) f/d "Dove" cd.in 1 mo. for 1 IRC. (MacHarg). f/d cd. w/ ltr. in 46 ds. v/s James Latham.(Cole-CO). f/d cd. in 78 ds. for ms.(Van Horn). f/d cd. w/ sked in 38 ds.(Archer).

QSL

a M. CHRISTOPHER R. LOBDELL

Nous vous confirmons votre réception

du 13.03.1988.

de 1826 a 1900 GMT.

sur la fréquence de 9575 KHz de notre

émetteur d'une puissance de 250 KW.



R. M. I. s. s. u. capital de 18.000.000 dh - 3, Rue Emaklah - Tanger (Maroc) Tél. 363.83 - 357.55 - Télex 33711

VERIFICATION SIGNERS: Radio For Peace International 7374

RADIO Marañón
CANTARA 88 300 SAN

James Natham. Radio Valera 4840 Jose Silinia Perez, Director. Evangelium Rundfunk 7195 via Trans World Radio
M. Baum. Radio Norte 4938 Leonardo Arteaga
Rios, Gerente. Radio Nacional de Porto Velho
4945 Maria Cristina Brandao Santos. Radio
Banqui 5035 Michel Bata. Radio Amanecer
6025 Socrates Dominguez, Ing. Tecnico.
Radio Jesus del Gran Poder 5050 Yorge
Enrique Silva. Adventist World Radio
Africa - Gabon 17890 Daniel Griser, Director
AWR-Africa. Radio Conakry 4900
Yaoussou Diaby, Journaliste Sportif. Radio
Mauritania 4845 Lemrabott Boukhari, Chef
Service du Depart. Technique. RII Sibolga
5256 Arsiparis B.A. Tanjung. Radio TV
Moroc 15335 Barrous Brahim. Radio Calca
6242 Jose Victor del Castillo Farfan,
Locutor & Operador...via PLAY-DX...Sam.

12 de Marzo de 1982.

Aprobado 20 - José (Chompe) - PIRU

Editor Richard A. D'Angelo
2216 Hursey Drive
Wilmington, Pa. 19380, U.S.A.

Estimado Editor D'Angelo:

Me da mucho gusto recibir su carta del 16 de Febrero... Le agradezco mucho por estar en ese tiempo de vacaciones fuera de esta pequeña ciudad de San...

Es claro que me latieron en el corazón como la voz antes por la tarjeta adjunta.

El contenido que muestra muestra que es un material y de la Iglesia Católica, pero muy interesante para mí, espero en el futuro. No obstante en la vida sería bueno salirse de la línea de explotación del mundo del FPI. Como muestra interés me solamente muestra como voluntarios, muestra también en Chile sería un caso de un hito. A pesar de eso, en este tiempo siempre hemos recibido comunicaciones de diferentes lugares de Los Estados Unidos y de América, Suramérica, Brasil, etc. etc. de distintas maneras distintas.

Me alegró mucho saber que su carta me "radio" oficialmente (así lo llamamos por aquí) porque tanto a mí, como a mi familia y a la estación.

Muchas gracias por sus saludos cariñosos, me ha sido falta que me escribieran, pero, en cualquier caso le habría contestado con mucho gusto.

Ojalá tuviera que la oportunidad de visitar esta región: me llama y le envío la tennos a dos horas y media de carretera. Quien a Lady Susan le gustaría y estaríamos a disfrutar y a más.

Espero que le sea útil, muchas gracias por haber escrito.

Le saluda atentamente

Jose Luis Maldonado
Jose Luis Maldonado, S.J.
Director de Radio Marañón.

COSTA RICA: Radio For Peace International

7375 p/d cd. w/ f/d ltr. in 34 ds. for ms. (Davis-NM). 15495 same in 41 ds. for \$1.00. (Rugg). 7374.7 same in 2 mo. for a SP rpt.

* (Barto). United Nations Radio 7375 via RFPI f/d cd. in 40 ds. for ms. (Renfrew). AWR - Radio Lira International 9725 f/d cd. in 2 mo. for a SP rpt. v/s David Gregory. (Barto).

* Radio Buenas Nuevas 4800 p/d form ltr. in 6 wks. for a SP rpt. and ms. (Orcutt-CA). Radio Impacto 6150 f/d personal ltr. in 73 ds. for a SP rpt. and ms. Sticker rcvd. (D'Angelo-PA). p/d ltr. in 75 ds. for 1 IRC. (Renfrew-NY)... Buenas Nuevas in Guatemala!

CUBA: Radio Rebelde 5025 f/d ltr. w/ pennant in 2 wks. for 1 IRC. (Renfrew). same w/ cd., ltr. and pennant in 90 ds. for a SP rpt. v/s Jorge Luis Mas Zabala, Relaciones Publicas y Gerencia Comercial. (D'Angelo). Radio Habana Cuba 6140 f/d cd. in 114 ds. (Eckman).

Radio Moscow 11840 via Habana f/d cd. in 52 ds. (Eckman). 6000 cd. in 42 ds. (Topoleski). **CZECHOSLOVAKIA: Radio Praha** 6055 f/d cd. in 16 ds. (Buetow). 5930 f/d "Hluboka Château" cd. in 63 ds. w/ schedule. (Foell).

DOMINICAN REP: Radio Clarin 11700 n/d cd. in 48 ds. for CID programming. (MacHarg). HIAJ Radio Amanecer 6025 form ltr. in 1 mo. after a f/up rpt. in SP for \$1.00. (Kusalik).

* HIN 2440 (2x1220) f/d ltr. in 22 ds. for a SP rpt. and \$1.00. v/s Eduardo Guerrero, Director General. (Bryant-OK).

DUBAI: Dubai Radio 9640 f/d cd. in 29 ds. w/ pennant. v/s K.F. Fenner. (Topoleski). **ECUADOR: Radio Zaracay** 3395 f/d folder cd. in 194 ds. w/ pennant for a SP rpt. and ms. v/s Elssy Cun C., Secretaria. (Cones-VA). n/d cd. in 30 ds. for a SP rpt. and ms. (Archer).

EQUATORIAL GUINEA: Radio Africa 9553 cd. via Pierce International Communications. (Kusalik). * Sacred Name Broadcasters 9552 via Radio Africa f/d ltr. in 2 mo. w/ prepared cd. (Renfrew)

EUROPEAN RUSSIA: Radio Moscow 5905 and 11670 via Starobelsk f/d cd. in 75 ds. (Renfrew). 6175 via Moscow f/d cd. in 75 ds. (Renfrew).

FALKLAND ISLANDS: Falkland Islands Broadcasting Service 3958 via British Forces Broadcasting Service f/d cd. w/ ltr. and a pennant and patch in 17 ds. (Van Horn).

FRANCE: RFI Medias France Intercontinents 15315 and 17795 n/d cd. in 40 ds. w/ schedule. (Renfrew).

GABON: Swiss Radio International 9810 f/d cd. in 3 wks. (Renfrew).

GERMANY, FEDERAL REP. OF: Sudwestfunk 7265 p/d "Globe" cd. in 11 wks. for 2 IRCs. (Allen-OK). same in 39 ds. v/s I.V. Drikrank. (Cole). same in 72 ds. for 2 IRCs. (Brouillette-IL). f/d cd. in 4 mo. (Renfrew). VOA 6060 via Wertachtal f/d cd. in 20 ds. (Renfrew). Bayerischer Rundfunk 6085 p/d cd. in 41 ds. for 2 IRCs. (Davis).

Radio Free Europe 21655 p/d cd. in 21 ds. (MacHarg). Radio Liberty 11935 p/d cd. in 21 ds. (MacHarg). Sudddeutscher Rundfunk 6030 f/d cd. in 3 wks. for 1 IRC. (Renfrew)

GHANA: Ghana Broadcasting Co. 4915 f/d "Gold- en Jubilee" cd. in 6 wks. w/ schedule. (Rubin). f/d cd. in 50 ds. for 1 IRC. (Renfrew-NY).

RADIO EAST NEW BRITAIN
"Maus Bilong Tavuruvur"



Richard S. D'Angelo
2216 Hursey Drive
Wilmington, PA 19380,
U.S.A.

Dear Sir,
REQUEST: RECEIPTION REPORT.

I write to inform that the station you monitored and heard on the 15th February 1982 from 2142 to 2250 our time (UTC 1949-2250) on frequency 2.363MHz via Radio East New Britain.

Your report corresponds correctly with our programme log for that date.

Thankyou for sending us the report.

Yours faithfully,

R. S. D'Angelo
R. S. D'Angelo
WILMINGTON, PENNSYLVANIA 19380, U.S.A.



GREECE: Radio Station Makedonias 9935 f/d cd. in 84 ds. v/s D. Goussides, Director. (Cole-Co). VOA 15435 via Kavala f/d cd. in 21 ds. (Rugg).

GUAM: KTWR 9870 f/d cd. w/ schedule in 64 ds, (Cole). 11805 cd. w/ pennant in 1 mo. for ms. (Eckman). KSDA AWR-ASIA 11980 f/d cd. in 57 ds. for 2 IRCs. (Davis-NM). 11965 f/d cd. w/ pennant and sticker in 47 ds. (D'Angelo).

GUATEMALA: TGVC Radio Kekchi 4845 f/d prepared cd. in 1 mo. for a SP rpt. and ms. v/s David Daniell. Addr: Fray Bartolome de las Casas, 16015 Alta Verapaz. (allen). Radio Buenas Nuevas 4800 f/d prepared cd. w/ ltr. in 51 ds. for a SP rpt. and ms. (D'Angelo). prepared cd. w/ schedule in 54 ds. for a SP rpt. and \$1.00. (Kusalik). f/d ltr. w/ "San Sebastian" cd. in 41 ds. for a SP rpt. and ms. v/s Israel Rodas M., Gerente. (Brouillette-IL)...See Costa Rica.

HAWAII: WVVH 5000 f/d cd. in 10 ds. (Rubin). 5000, 10000 and 15000 f/d cd. in 10 ds. (Eckman).

HONDURAS: HRXK La Voz de la Mosquitia 4910 p/d ltr. w/ paper pennant for a SP rpt. v/s Jose Roldan Brown A. (Cole). 4910.4 f/d prepared cd. w/ pennant in 62 ds. for ms. (Archer).

HONG KONG: BBC East Asia Relay 7160 f/d cd. w/ schedule and sticker in 74 ds. (Buetow). f/d prepared cd. in 20 ds. for 2 IRCs. (Kusalik). 15435 n/d cd. in 105 ds. (Renfrew).

n/d cd. in 6 1/2 mo. (Eckert-PA). 11820 f/d prepared cd. in 24 ds. (Kusalik). 7180 p/d cd. w/ site in 67 ds. v/s D.J. Corbett. (Buer-FL).

HUNGARY: Radio Budapest 9520 via Jaszbereny f/d cd. in 3 wks. (Renfrew). 9835 f/d cd. in 34 ds. (Kacir). f/d cd. in 53 ds. (Cichorek-NJ).

ICELAND: ISBS 9986 f/d cd. in 1 mo. (Renfrew). 13775 9675 and 11731.1 f/d cd. in 6 wks. (Barto).

INDIA: All India Radio 11620 f/d "Fort Agra" cd. in 35 ds. for 1 IRC. (Sylvester-MT). cd. in 45 ds. (Topoleski). 6115 p/d "Red Fort at Delhi" cd. in 5 wks. (Barto). 7280, 15120, 11620 and 11780 f/d "Chitragupta Temple" cd. in 7 wks. w/ schedule. (Barto-CT).

ISRAEL: IBA 9460, 9385 and 11585.1 f/d cd. in 3 mo. (Barto). 21625, 17815, 17710, 15585 and 15485 cd. in 2 1/2 mo. (Barto-CT).

JAPAN: NHK 3259 via Sendai f/d prepared cd. w/ f/d personal ltr. in 2 wks. after a f/up rpt. for 2 IRCs. v/s Masaaki Abe, Technical Division. (Allen). NHK Tokyo - Shohbu-Kuki Radio 3607.5 n/d ltr. direct from station in 4 mo. for 2 IRCs. v/s H. Ohta, Chief Engineer.

Sticker rcvd. Addr: Sanga, Shobu-cho, Minamisaitama-gun, Saitama-ken, 346-01. (Allen).

JAVA: RRI Surabaya 3976 f/d personal ltr. in 42 ds. for an IN rpt. and ms. v/s Agus Widjaja. FM sticker rcvd. (Allen). RRI Surakarta 4932 f/d prepared ltr. in 1 mo. for an IN rpt. and ms. v/s Ton Martono. (Sams-KS). p/d cd. in 45 ds. for 2 IRCs. (Paszkiwicz-WI). f/d cd. in 37 ds. for an IN rpt., ms. and SASE. (Archer). RRI Yogyakarta 5047 p/d "Logo" cd. in 37 ds. for an IN rpt. and ms. Took 5 rpts. to get

* this one! (Davis-NM). Radio Khusus Informasi Pertanian Surabaya 4699 f/d cd. in 35 ds. for an IN rpt. and ms. v/s Koen Tarjadi, * Leader of RKIP. (Davis). RRI Semarang 3934.9 f/d personal ltr. in 24 ds. for an IN rpt. and \$1.00. Addr: Jalan Ahmad Yani 144-146, (Bryant-OK).

KASHMIR: Radio Kashmir 3277 f/d cd. w/ site for * 78 and 81 rpts. in 7 wks. for \$1.00. v/s H. O. Aggrawal. (Sams-KS)...Excellent QSL!

KAZAKH SSR: Radio Moscow 9610 via Alma Ata f/d cd. in 10 wks. (Eckert-PA).



RADIO MARAÑON. 4835 Y 580 Khz.
Orellana 315 Apartado 50 Jolán (Via Chiclayo) Perú
CERTIFICADO DE ESCUCHA
 Le Felicitemos Porque Su Informe De Recepción En Correo Previamente, 4835 Potencia 1KW.
 Hora: 11 a 11:27 UTC
 Fecha: 15 de Febrero de 1988
 LE SALUDA ATENTAMENTE
 via D'Angelo *[Signature]*
 DIRECTOR DE RADIO-MARAÑON



Radio JATAPURI
 MANUEL PIEDRA BASTIDAS Simbolo de PODER
 SIEMPRE EN EL CORAZON DEL PUEBLO



**VALLEDUPAR
 CESAR**
 1140-KILOCILOS ONDA LARGA - R.F.E.Q. - 92.5 M.CLOS - F.M.
 KISS 4915 - ECLS. ONDA CORTA - 1600 WATTIOS.

KOREA, PEOPLES DEMOCRATIC REP: Radio Pyongyang 6576 f/d cd. w/ pennant and schedule in 53 * ds. (Archer). KCBS Shinuiju 3919 f/d cd. w/ pennant in 66 ds. (Buetow-AUSTRIA).

KOREA, REPUBLIC OF: Radio Korea 15120 f/d cd. in 43 ds. (Robinson-IL). 15575 f/d cd. w/ sked. in 19 ds. (Eckman).

KUWAIT: Radio Kuwait 11665 f/d folder cd. in 95 ds. for 1 IRC. Sticker rcvd. (Sylvester). same in 40 ds. (Kusalik).

LEBANON: King of Hope 6280 f/d cd. in 27 ds. for \$1.00. Sticker rcvd. v/s John D. Taylor, English Language Programmer. (Allen).

LESOTHO: BBC 3340 n/d cd. via London in 114 ds. * for 1 IRC. (Darling-PNG).

LESSER SUNDAS: RKPDPT2 Manggarai Ruteng 2963 * f/d prepared cd. in 26 ds. for an IN rpt. and \$1.00. v/s Simon Saleh, B.A.. (Bryant).

RRI Mataram 3222.9 f/d personal ltr. w/ guide books in 32 ds. for an IN rpt. and \$1.00. v/s Idris Zamzam. (Bryant).

LIBERIA: ELWA 4760 n/d cd. in 122 ds. for ms. v/s J. Tokeh, QSL Clerk. (Archer). VOA 15445 f/d cd. in 24 ds. (D'Angelo).

LITHUANIAN SSR: Radio Vilnius 7170 f/d prepared cd. in 5 mo. w/ schedule. (Rubin-NY).

LUXEMBOURG: Radio Luxembourg 15350 "Tower" cd. in 19 ds. for ms. (Eckman).

MALI: Radiodiffusion TV du Mali 4783 and 4835 f/d "Map" cd. in 35 ds. for a FR rpt. and ms. (D'Angelo). 5995 f/d cd. in 54 ds. for a FR rpt. and 2 IRCs. (Robinson). Radio Beijing 11715 via Bamako

f/d cd. in 21 ds. (Rugg). 9770 f/d cd. in 6 wks. (Field-MI). f/d cd. in 47 ds. w/ schedule. (Kacir-MI). f/d "Panda" cd. in 41 ds. (Kusalik). f/d cd. in 3 wks. (Renfrew). 11715 and 9770 f/d cd. w/ sticker in 1 mo. (Cole).

MALTA: Radio Mediterranean 6110 f/d cd. w/ sticker and schedule in 109 ds. (Cichorek-NJ).

MANCHURIA: Heilongjiang PBS 4840 f/d cd. via Beijing in 42 ds. for ms. (Cones-VA).

MARSHALL ISLANDS: WSZO f/d ltr. in 32 ds. after a f/up rpt. (Eckman)... Thanks for the call.

MAURITANIA: ORIM 4845 f/d cd. in 4 mo. for a FR rpt. and ms. v/s Lemrabott Boukhari (Allen)

MAURITIUS: Mauritius Broadcasting Corporation * 9710 f/d cd. in 38 ds. after a f/up rpt. for ms. v/s T. Dwarika, Head of News. Rcvd. via registered mail. (Cones).

MEXICO: KEPPM Radio Educacion 6185 f/d photograph in 4 mo. for ms. (Renfrew-NY).

MOLUCCAS: RRI Ternate 3345 f/d prepared cd. in 36 ds. for an IN rpt. and ms. v/s Rusdy Bachmid. (Archer-NC).

MONGOLIA: Radio Ulan Bator 4995 via Choibalsan * East f/d cd. in 76 ds. for 2 IRCs. (Kusalik).

MONSERRAT: Deutsche Welle 9545 f/d cd. w/ site in 9 wks. (Allen). same in 2½ mo. for \$1.00. (Sams-KS).

MOZAMBIQUE: Radio Mozambique 3210 f/d "Map" cd. in 37 ds. for a PT rpt. (Van Horn).

QSL CARD

GHANA BROADCASTING CORPORATION
 P. O. BOX 1123,
 ACCRA, GHANA

via Rubin

Dear Sir/Madam,
 Thank you for your reception report of our transmission(s)
 on 4915 kHz heard at 2130 - 2135
 on 27. 2. 1988
 G.M.T. on 27. 2. 1988
 We have pleasure in verifying your report which is much appreciated.

John Collins
 for Director-General

PH/MS/105

NEPAL: Radio Nepal 5005 f/d cd. in 2 mo. for ms. (Allen). exotic cd. in 2 mo. for \$1.00. v/s M.P.A. Luberi. (Sams-KS).

NEW BRITAIN: Radio East New Britain 3385 f/d personal ltr. in 19 ds. for ms. v/s A.L. Rumina, Provincial Station Manager. (D'Angelo).

NEW IRELAND: Radio New Ireland 3905 p/d personal ltr. in 95 ds. v/s Kathleen Sakias, Assistant Manager. (Archer).

NEW ZEALAND: Radio New Zealand 15150 f/d "Rugby" cd. in 15 ds. w/ schedule and pennant. Also rcvd. NZ dollar. (Eckman-CA).

NICARAGUA: La Voz de Nicaragua 6100 n/d personal ltr. in 5 mo. for a SP rpt. Pennant rcvd. (Field-MI). p/d ltr. w/ new pennant in 99 ds. for an EG rpt. v/s Freddy Lopez Quiroz, Director - SWBC. (Topoleski-PA).



NIGER: La Voix du Sahel 5020 very nice f/d ltr. in 32 ds. for a FR rpt. (Rippel-VA).

PAKISTAN: Radio Pakistan 4780 f/d cd. w/ prepared cd. and decal in 32 ds. for 2 IRCs. v/s Anwer Inayet Khan. (Kusalik).

PAPUA NEW GUINEA: NBC 4890 f/d cd. w/ personal ltr. in 66 ds. for 2 IRCs. (Robinson). Radio Northern 3345 f/d ltr. in 152 ds. for ms. v/s Raphael Maium, Assistant Manager. (Cones). Radio Eastern Highlands 3395 f/d cd. w/ ltr. in 50 ds. for 2 IRCs. (Paszkiwicz). Radio East Sepik 3335 f/d cd. in 65 ds. for ms. (Van Horn). Radio Madang 3260 f/d prepared cd. w/ schedule in 29 ds. for ms. (Archer).
* Radio Enqa 2410 p/d personal ltr. in 66 ds. Station asked for more rpts. (Archer).

PERU: Radio Melodia 6260.3 f/d folder cd. in 25 ds. after a f/up rpt. in SP w/ ms. v/s Mirtha Cervantes Alvarez, Secretary. Pennant was rcvd. (Wilkins-CO). La Voz de la Selva 4825 f/d ltr. in 39 ds. for a SP rpt. and 1 IRC. (Buetow). Radio Maranon 4835 f/d cd. w/ ltr. in 34 ds. for a SP rpt. and ms. v/s Jose Luis Maldonado, S.J., Director. (D'Angelo-PA).

PHILIPPINES: VOA 9555 Tinang f/d "Liberty" cd. in 1 mo. (Robinson). Radio Veritas 9700 f/d "Royal Maiden" cd. w/ 12th anniversary pennant and schedule in 35 ds. for 2 IRCs. (Robinson-IL). Radio Veritas 9595 via Palauig rcvd. pennant but no QSL in 39 ds. (Darling).

PORTUGAL: Radio Free Europe 21745 and 21500 via Gloria f/d "Map" cd. in 7 ds. for ms.
* (Brouillette). Adventist World Radio 9575 f/d cd. in 48 ds. for rpt. sent to Portugal and QSL rcvd. via Italy. (Topoleski). Radio Portugal 11800 via Gloria f/d cd. in 20 ds.
* (Renfrew). Deutschlandfunk Radio 9615 via Sines f/d cd. in 70 ds. (Renfrew).

QATAR: Qatar Broadcasting Service 11820 via Al Khaisah f/d "Map" cd. w/ schedule. (Buetow).
RHODES: VOA 11760 f/d cd. in 16 ds. (MacHarg).

RIO MUNI: Radio Africa 9553 f/d cd. in 66 ds. (Archer). 9553.2 f/d cd. in 3 mo. (Barto).

SARAWAK: Radio TV Malaysia - Kuching 4950 cd. in 71 ds. for SASE. (Darling-PNG).

SAUDI ARABIA: ISKSA 9720 white cd. w/ schedule via registered mail in 44 ds. (Eckman).

Duba 1521 (NW) f/d cd. in 53 ds. (Buer-FL)... Nice QSL so I thought I'd put it in.. Sam.
SEYCHELLES: FEHA 9510 f/d "Globe" cd. w/ schedule, sticker-pennant for 3 IRCs. (Robinson). 15325 f/d cd. in 82 ds. for ms. (Rugg).

SICILY: RAI - Radio Uno 9515 f/d cd. in 98 ds. for 2 IRCs. (Archer-NC).

SOLOMON ISLANDS: SIBC 5020 f/d cd. in 36 ds. for 3 IRCs. (Robinson). f/d cd. in 1 mo. for 2 IRCs. (Renfrew).

SOUTH AFRICA: Radio RSA 9580 f/d "Sunset" cd. in 36 ds. v/s Minnie Visser. (Kacir). 9615 f/d "Canyon" cd. in 31 ds. (Kacir). Radio Oranje 3215 "SABC" cd. in 42 ds. w/ personal ltr. (MacHarg).

Radio Orion 3955 f/d "SABC" cd. w/ schedule in 22 ds. for ms. (Eckman). cd. in 43 ds. (Cole).

SPAIN: Radio Exterior de Espana 21575 and 17845 f/d cd. in 2 mo. (Barto). Radio Peking (not Beijing) on cd. for 9690 w/ "Summer Palace" cd. in 17 ds. (Eckman). Radio Beijing 9690 f/d cd. in 1 mo. (Renfrew).

SPANISH MOROCCO: Radio Medi-Un 9575 f/d cd. w/ form ltr. in 3 wks. for a FR rpt. and 1 IRC. Report was mailed to the Tangier address. (Lobdell). same w/ sticker in 27 ds. for 2 IRCs. and a FR rpt. (Rugg-QUE). in 4½ mo. for a FR rpt. and 1 IRC. (Watts-KY).

SRI LANKA: Trans World Radio 11920 via Ekala f/d ltr. in 33 ds. for 1 IRC. v/s Vic Flaming. Addr: 14 Claessen Place, P.O. Box 364, Colombo 5. (Darling). same w/ personal ltr. in 5 wks. (Field).

SLBC 4902 via Ekala f/d cd. in 1 mo. for 1 IRC. (Buetow-AUSTRIA).

SUMATERA: RRI Padang 4003 f/d ltr. in 2½ mo. after a f/up rpt. in IN for ms. v/s Drs. H.

Syamsul Muin Harahap, Kepala. (Allen). 4002 f/d ltr. in 40 ds. after a f/up rpt. in IN for ms. (Wilkins-CO). RRI Pekanbaru 5894 f/d ltr. in 22 ds. for an IN rpt. and ms. v/s Zainal Abbas, Kepala. (Allen). RRI Sibolga 5256 p/d ltr. in 1 mo. for an IN rpt. and ms. v/s B.A. Tanjung. (Sams-KS).

DEVELOPMENT SECTION GENERAL INFORMATION P.O. BOX 462, ANKARA	TURKISH STATE METEOROLOGICAL SERVICE P.O. BOX 462, ANKARA
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Dear Cones,

Thank you for your kind letter of 24th January 1988 concerning reception report on our radio broadcast.

I would like to inform you that your report on the reception of the Voice of Meteorology is entirely in conformity with our transmissions being made on 4800 kHz.

The Turkish State Meteorological Service employs a transmitter with a power of 50 kW for the purpose of the Voice of Meteorology. The antenna used is a delta antenna open wire balanced 300-600 Ohms and 28 m. long by a height of 17 m. from the ground.

Radio programs of the Voice of Meteorology consisting of both music and weather news for the public is as follows:

06.30 to 07.00 GMT : Opening and Turkish music with weather news at the introduction during the programs.

08.00 to 08.40 GMT : Music
11.00 to 14.50 GMT : Music

I attached herewith a brochure which contains general information for tourists and historical aspects of Turkey.

Sincerely yours,

[Signature]
N. GÖKALP
(Major General, Ret.)
Director-General



	Department of Commerce NATIONAL BUREAU OF STANDARDS RADIO STATION WWWW
	via Rubin KAILUA, HAWAII

23 MHz—21° 30' 21" N, 159° 44' 04" W 10.0 MHz—21° 30' 20" N, 159° 44' 03" W
3.0 MHz—21° 30' 21" N, 159° 43' 54" W 15.0 MHz—21° 30' 24" N, 159° 44' 00" W

This is to confirm your reception report of WWWW
on _____ 5 _____ MHz. 26 MARCH 1988
Serial # _____
[Signature]
Engineer-in-Charge

SWAZILAND: Trans World Radio 9550 f/d folder cd. in 74 ds.(Cichorek). same in 10 wks. for 2 IRCs.(Eckert). 3240 same in 59 ds. for ms.(Eckman).

SWEDEN: Radio Sweden International 15345 f/d cd. in 15 ds.(Rugg). 11705 f/d "Stockholm" cd. in 23 ds.(Eckman). Sveriges

Riksradio 21555 via Varberg f/d cd. in 15 ds. w/ schedule.(Renfrew).

SWITZERLAND: Swiss Radio International 6135 f/d cd.

w/ schedule in 16 ds.(Eckman). Radio Beijing 3985 via Beromunster cd. w/ sked. in 43 ds.(Darling). same in 6 wks. w/ personal ltr.(Field). 3985 and 6165 p/d cd. in 25 ds.(Renfrew).

TANGIER: Radio TV Morocco 15335 f/d cd. in 47 ds. after a f/up rpt. v/s Tanane Mohammed Jamal Eddine, Directeur Technique.(Brouillette-IL). VOA 9650 f/d cd. in 1 mo. (Robinson-IL).

THAILAND: Radio Thailand 9655 f/d "Towering Rock" cd. w/ schedule and a very nice personal ltr. in 41 ds. v/s Buppa Laemluang, Chief of External Service.(Rippel-VA).

TIMOR: RRI Dili 3306 f/d prepared cd. in 40 ds. for an IN rpt. * and ms. v/s Paul J. Amalo BA. (Gavaras-MN). p/d personal ltr. in 1 mo. for an IN rpt. and ms. (Sams-KS). f/d personal ltr. in 72 ds. for an IN rpt. and \$1.00.(Bryant-OK). f/d prepared cd. w/ personal ltr. in 37 ds. for an IN rpt., SASE and ms.(Archer).

TURKEY: Voice of Turkey 9445 f/d cd. in 25 ds. w/ sticker and pennant. (Topoleski). f/d "Jeweled Ceramics" cd. w/ pennant in 27 ds. for \$1.00. * (Kacir-MI). Turkish State Meteorological Service 6900 f/d ltr. w/ lots of goodies in 66 ds. for a registered tape rpt. for ms. v/s M. Cemil Ozgul.(Rippel-VA). p/d ltr. in 47 ds. for ms. Station sent a picture of Terry Klasek's August 1981 "Certificate of Award" to the station as "Radio Station of the Month". (Archer-NC). f/d ltr. in 64 ds. for ms. and 2 IRCs. (Cones-VA).

UKRAINE: Radio Moscow 7115 via Ivano-Frankovsk f/d "Rowing Canal" cd. in 42 ds. (Topoleski). f/d cd. in 60 ds.(Wilkins-CO). 7310 f/d cd. in 75 ds. w/ sked.

(Renfrew). 7150 via Lvov f/d cd. in 42 ds.(Topoleski). f/d cd. in 60 ds.(Wilkins-CO). 7150 and 6105 f/d cd. in 75 ds.(Renfrew). 5940 and 15475 via Simferopol f/d cd. in 75 ds.(Renfrew). 5915 f/d cd. in 2 mo.(Wilkins). 7185 and 15595 via Vinnitsa f/d cd. in 75 ds.(Renfrew-NY). 4060 via Kharkov f/d "Moscow Lenin Library" cd. in 53 ds.(Buetow). 6165 via Kiev f/d "Railway Station" cd. in 52 ds.

(Eckman-CA). 15470 via Starobelsk f/d cd. in 66 ds.(Paszkiwicz-WI). Radio Kiev 6200 f/d "Vuchetich Landscape Park" cd. in 6 mo.(Rubin-NY). 7165 f/d "Runners 1983 Artcraft Combine" cd. in 2 mo. w/ ms. and schedule.(Rubin) f/d "Decorative Towel" cd. in 86 ds. ms. rcvcd. from station.(Cichorek-NJ).

URUGUAY: Radio Monte Carlo 9595 f/d prepared cd. in 2 mo. for a SP rpt. and \$1.00. Decals, sticker and schedule rcvcd. v/s Ana Ferreira Bonino.(Kusalik-ALB).

USA: KUSW 11680 f/d cd. w/ sticker in 3 wks.(Barto). f/d "Logo" cd. in 18 ds.(Cole). f/d cd. in 25 ds. for ms.(Renfrew). 15580 cd. and schedule in 66 ds. for 1 IRC. v/s Faith Martin.(Darling-PNG). 9815 cd. w/ schedule in 2 wks.(Lobdell). WMLK 9455 f/d form ltr. in 37 ds. v/s Elder Jacob Meyer.(Cole-CO). f/d ltr. in 5 mo. for ms.(Renfrew). VOA Delano 9650, 9815 and 11740 3 f/d cds. in 15 ds.(Rugg). 9815 f/d "Newsroom" cd. in 37 ds.(Eckman). 9650 and 9815 f/d "Space Shuttle" cd. in 24 ds.(D'Angelo-PA). 17800 via Bethany same cd. in 24 ds.(D'Angelo). 17785 via Greenville same cd. in 24 ds.(D'Angelo). WINB 15185 f/d cd. w/ schedule in 38 ds.(Eckman-CA).

NOTES: Chris Lobdell writes that after about 2½ yrs. of inactivity he is back into the hobby again. Chris uses an FRG-7000 and an HQ-180AX and a 100 longwire. Welcome back Chris...Sam. Mrs. Donna Robinson from Willow Springs, IL has at least 50 reports out in the system. She is waiting for the mailman. So am I...Sam. John Topoleski in Philadelphia says that his listening time has been very limited lately but he is hanging in there.

CONCURSO DEPARTAMENTAL DE MUSICA Y CANTO

DEFENDIENDO A MI BARRIO



CONCURSO DEPARTAMENTAL DE MUSICA Y CANTO

CONCURSO DEPARTAMENTAL DE MUSICA Y CANTO

DIRECCION Y CONDUCCION DE

MIGUEL ANTONIO DIAZ

CO ANIMACION

JAIMÉ BARRIENTOS, YOLANDA VELEZ

ANTONIO DIAZ, COUITO DIAZ, RICHARD

MARIAS Y CARLOS DE AMAT

SUPERPOWER KUSW RADIO WORLDWIDE



v/s G. Gonzalez Lovera. (Cole-CO). Radio Occidente YUTC 3225 p/d ltr. in 105 ds. for a SP rpt. v/s Pbro. Ricardo Silguero L., Director. (D'Angelo). Radio Valera 4840 p/d cd. w/ sticker in 88 ds. for a SP rpt. (Buetow). Radio Capital 4850 f/d cd. in 50 ds. for a SP rpt. and 1 IRC. (Renfrew-NY).

WEST IRIAN: RRI Stasiun Regional II Fak-Fak 4790 f/d ltr. in 32 ds. for an IN rpt. and ms. v/s Herlina Pawiloy, Sekretaris Seksi Siaran. (Davis-NM). f/d ltr. in 121 ds. for an IN rpt. and 2 IRCS. (Cones-VA). f/d personal ltr. in 33 ds. for an IN rpt. and ms. Station says 3645 is 500 watts while 7230 is 250 watts. (Archer-NC). RRI Biak 5451 ltr. in 54 ds. for an IN rpt. v/s Muchtar Yashaputera BA. (Darling). 7212 p/d ltr. in EG in 1 mo. for an IN rpt. and ms. (Allen-OK).

Dear Mr. Gordon Darling

We are glad to verify your reception report on our program transmitted on 11790 kHz at 2035 hours - hours G.M.T. dated Feb. 13th, 1988.

Your further reception reports on our broadcasts are welcome.

The broadcast you heard was relayed via Mali.

Sincerely yours,
English Department
Radio Peking

YUGOSLAVIA: Radio Yugoslavia 5980 f/d "Ople-nac Mausoleum" cd. in 3 mo. w/ schedule for ms. (Allen).

ZAMBIA: Radio Zambia 4910.1 f/d cd. w/ personal ltr. in 141 ds. v/s William Lukozu. (Archer-NC). 4911 f/d cd. w/ personal ltr. in 5 wks. for 2 IRCS. (Sams-KS).

NOTES: Received very nice letters from new NASWA members C.J. Foell in New Orleans, LA and Bob Schoenleber in Yardly, PA. Keep the reports coming in to the Column.

That's about it for this time. We had a very interesting Column with several fine QSLs. Lots of good quality items. Till next time gang...Sam.

Sam

RECEIVED BY
RECEIVED BY
RECEIVED BY

YUTOR 1.000 MHz DÍGNA WEDIA - YUTC 1.000 MHz 02 MAR
YUTOR 8.750 MHz 04P YUTC 8.750 MHz 01 MAR

DEPARTAMENTO REGULATIVO YUGOSLAVIA

Tovar, 03 de Febrero de 1.988. -

Señor
Richard A. D'Angelo
2216 Barkley Drive
Wyomissing, PA 19610
USA -

Estimado Richard A. D'Angelo:

Me satisface saber que Ud. ha "recuchado de nuestra Estación por muchos años y le ha gustado siempre" gracias por su apoyo.

Efectivamente los datos de recepción que nos envía corresponden a nuestra programación.

Transmitimos en la banda de 30 metros en la frecuencia de 3.225. Nuestra transmitidora es marca Smer, con un SW de potencia. Tenemos 18 horas de transmisión diaria.

Esjamos cordiales a su esposa Susan y también para Adam y Jennifer, quienes podrán ver sus grandes radiotraficantes futuros.

Gracias nuevamente por su reportaje.

Atentamente,
Pbro. Ricardo Silguero L.
Director



JERRY A. LINEBACK, Editor
 3959 Castle St.
 Douglasville, GA 30134

NOTE NEW ADDRESS

June 1988

Greetings and welcome to Scoreboard. This time the Spotlight is on Oceania. Remember C/H = countries heard and C/V = countries verified. Country counts are by the official NASWA Radio Country list that is available from headquarters. Please revise your totals to incorporate new radio countries published earlier in FRENEX.

Personal Note: I moved a few miles up the road to a house. This address should be good for a year. My family will be leaving Texas to join me. This time next year, we hope to get a house of our own. I am planning on being in the Atlanta area for the next 15 years. The new phone number is 404/489-1776. Patriotic! Anyone interested in the items for sale listed in the May FRENEX should use my new address and number.

If your name is missing this month, please remember that you must update at least once a year to remain on the Scoreboard. When you update, please update all totals. We thank all those who have participated this month. The next deadline will be August 15 for the September FRENEX when the spotlight will be on South America.

Name, State	Total		Oceania Best		Oceania QSL
	C/H	C/V	C/H	C/V	
James Young, CA	237	223	20	20	Cook Is. 3264
John Tuchscherer, WI	234		20		Fiji
Gordon Darling, PNG	228	221	19	19	R. Cook Is.
Sam Barto, CT	228	219			
William Flynn, CA	224	204	20	20	Honiara 5960
Marlin Field, MI	223	221	20	20	R Kerema
Jerry Berg, MA	223	221	18	18	Fiji
Bob Padula, Australia	223	217	19	19	Goroka
Gerry Bishop, Phil.	220	204	19	19	Kiribati
Tom Gavaras, MN	218	211	19	19	Kiribati
Nobuaki Takahashi, Japan	218	186			
Mitch Sams, KS	217	145	20	19	R. Northern PNG
C. Brian Hamilton, FL	216	188			
Al Miller, OH	214	207	19	19	Fiji
Bill Harms, FRG	214	145	18	13	New Ireland
Terry Palmersheim, MN	211	187	19	19	R. Serui
John Sgrulletta, NY	210	210	15	15	Cooks Is

Name, State	Total		Oceania Best		Oceania QSL
	C/H	C/V	C/H	C/V	
Harold Cones, VA	209	195	19	19	Fiji (VRH)
Paul Buer, FL	208	197	18	18	Cook Is. 500W
Ron Howard, CA	207	189	19	19	VL8A Alice Spgs
Roland Schulze, FRG	206	199	17	17	Cook Is. 5045
Richard Davis, NM	206	193	19	19	Kiribati
Steven Lare, MI	204	163	17	16	Cook Is.
Jim Uerlings, OR	203	65	19	5	Kiribati
Kirk Allen, OK	202	180	19	19	RRI Biak 500W
Del Fye, FL	201	183	19	16	Cook Is.
Jerry Lineback, GA	201	106	18	8	SIBS
C. Vernon Hyson, NC	200	184	15	14	R Noumea
Rick Krzemien, CA	200	178	18	16	Kiribati
John Bryant, OK	200	170			RRI Merauke
Mike Hardester, PA	197	183	20	19	Fiji 3230
David Swaringen, NC	193	174	13	12	Kiribati
Christos Rigas, IL	192	172	16	15	Cook Is
Rowland Archer, Jr., NC	192	167	19	19	R. Enga
Stephen Leite, MA	191	163	12	10	Cook Is
Michael Schmitz, FRG	191	157	7	6	Vanuatu
Sheryl Paszkiewicz, WI	190	167	19	18	Kiribati
Don Hosmer, MI	190	139	18	14	
John R. Tow, AL	188	163	18	15	Kiribati
Gayle Van Horn, FL	187	157	18	15	Cook Is.
John Meyer, WI	186	152	16	12	Sorong
Andy Leskowitz, MA	185	106	13	7	Cook Is.
Charlie Hoffman, PA	183	149	16	11	R Central 3290
Hadley Cress, VA	181	8			
Kent Willis, KY	180	135			
Charles Wootten, VA	176	147	7	6	R. Rabaul
Ken Cobb, ME	176	129	12	9	Cook Is
Tom Daly, NY	176	32	6	1	Australia
Bryan Price, KY	173	98	13	8	Cook Is.
Morley Kirkland, Ont.	172	158			
Peter Tutak, WA	167	128	11	9	SIBS
Tom Laskowski, IN	165	129	14	13	RRI Fak Fak
Ichiro Maruo, Japan	158	90	19	13	Cook Is.
Kevin Klein, WI	154	67			
John Mosman, KS	151	114	13	11	R East Sepik
Rev. John Eckert, PA	145	115	11	9	Solomon Is BC
Andy Rugg, Que.	145	111	7	4	ABC, Perth
Carl Mann, IA	144	124	11	10	ABC Sydney 6090
Steve Forst, PA	144	99	9	7	Cook Is.
Carl Radtke, CA	143	143	10	10	Cook Is.
Keiichi Kondo, Japan	143	100	14	12	Vanuatu
Peter Dillon, Greece	141	91	10	7	RFO Noumea
Jim Renfrew, NY	136	94	9	7	NBC, PNG
Kenneth Hill, MA	135	85	9	7	SIBC
Dustin Brann, CA	132	63			
Jackie Cole, CO	128	91	10	7	Cook Is.
Thomas Ross, IL	127	108	11	10	Solomon Is BC
Donna Robinson, IL	122	79	11	8	Solomon IS
Jim Streitmatter, IN	122	0	11		R. Australia
Tom McElvy, VA	117	95			
David Morby, NY	113	22	8	3	NBC P/NG
Harold Levison, PA	104	85			
Jerry Ervine, TX	103	80			
Jim Shaver, OR	092	67	9	9	
Ronald Purdue, MN	082	43			

Thanks again to all our participants. Remember the next deadline is 15 August when the Spotlight will be on South America.



FRENEX LOG REPORTERS

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

John Henault, NASWA Distribution Editor, was seriously injured in an on-duty auto accident on Saturday, May 7. At this writing he remains in fair but stable condition at South Shore Hospital in South Weymouth, MA. One of John's concerns was that his NASWA work be done on a timely basis and arrangements were made for me to receive all material that had arrived at John's home by deadline day, May 12. The material arrived here the next day and was sorted, stuffed and mailed to all Editors on May 13.

It looks like John will be incapacitated for some time. Thus, kindly send your loggings to me for the next month or two. As soon as he is able to, John will return to this position and continue to serve the club so ably as he has done in the pass.

The following contributors helped make this issue of FRENEX possible:

Rowland Archer, Raleigh, NC
Gerhard Beutow, Vienna, AUSTRIA: Icom R 70
Norman Bobb, Minneapolis, MN: Grundig Sattelit 400
Paul Brouillette, Hoffman Estates, IL: Icom R 71A
Paul Beur, Miami, FL: Drake SPR4/FS4
Peter Dillon, serving in GREECE: Radio Shack DX 400
Richard D'Angelo, Wyomissing, PA
Richard Eckman, San Jose, CA: Panasonic RF 4900, Sony ICF 2010
C. J. Foell, New Orleans, LA
Lynn Hollerman, Huntsville, AL
Rufus Jordan, Pittsburgh, PA
Tom Laskowski, West Lafayette, IN: Sony ICF 2010
Henry Loewer, Mayfield Heights, OH: Sony ICF 2010
Sheryl Paszkiewicz, Manitowoc, WI: JRC NRD 515
Wally Rhyme, Gastonia, NC
Daniel Sampson, Independence, IN: Yaesy FRG 7700, Kenwood R 1000
Mitch Sams, Wichita, KS: Hammarlund HQ 180A
John Tuchscherer, Neenah, WI: Icom R70, Yaesu FRG 7700
Terry Weinhold, Denver, PA: Collins R 390A
Philip Worob, Austin, TX
and me: John M. Kapinos, Shrewsbury, MA: Kenwood R 2000, Sony ICF 2001, Sony ICF 2001; all gathering dust while I attend to NASWA and ANARC affairs

To our newer members, ye olde kap used to prepare this column several years ago until John was so kind to take over from us. Hopefully I got most of everything correct, my apologies for any errors.

I'm sure that John would love to receive your cards and letters. Since he may be changing hospitals, best to send them to his home address: 55 Lincoln St., Abington, MA 02351. John's wife Judy advises me that she sees him every day and will deliver your greetings to him.

As mentioned at the top of the page, send next month's contributions to me. Since the 12th is on a Sunday, the deadline will be on Saturday, June 11, so that we have time to get everything processed and mailed to the Editors on Monday, June 13.

As always, kindly cut your loggings apart and, if possible, sort them in frequency order. That'll make life a little easier for me while I try to wear two hats (kap's kaps) at the same time.

Till

next

time,



LOG REPORT

section A

2000 to 4899 kHz

Editor: Mike Harris

WELCOME. Please note my new address if you plan to send log reports directly to me. The new address is: P.O. BOX 294, PICKERINGTON, OHIO 43147. Let me be among the first to wish our Distribution Editor, John Henault, a speedy recovery from his accident.

- 2977 INDONESIA. RPDTK2. 1150-1212. Indo. Island music, talk, sudden fade prevented checking for // (15/4 Sama-KS)
- 3225 VENEZUELA. R. Occidente. 0958-1010. Music. (05/03 Bobb-MN)
- 3236 NEW BRITAIN. R. West New Britain. 1059-1120. Pidgin. C&W Music with talk, more music. (30/4 Paszkiewicz-WI)
- 3230 LIBERIA. ELWA. 1928-1945. ID by OM in Vern. short monologue followed by music. (8/4 Dillon-GREECE)
- 3290 SOUTHWEST AFRICA. R.SWA. 0108-0200. Lots of EZL music with ID "This programme comes to you in the National Service of Radio Southwest Africa". (22/4 Archer-NC)
- 3320 SOUTH AFRICA. R. Orion. EE/AK. 0210-0300. //3955. Folk music with some big band mixed in. (22/4 Archer-NC)
- 3324 GUATEMALA. R. Maya de Barillas. 1110. SS. ID and slow song, organ music, and talk. (7/4 Worob-TX)
- 3340 PERU. R. Altura. 1020-1030. Peruvian music and talk. (3/5 Bobb-MN)
- 3365 ANGOLA. RN. 0268-0314. PT. Noted with local tunes running //4862 also short talk. (14/4 D'Angelo-PA)
- 3381 ECUADOR. R. Iris. 0304-0336. Ballads, TC. (22/4 Paszkiewicz-WI); @ 1039-1050 with music pgs. (23/4 Archer-NC)
- 3470 CLANDESTINE. R. Venceremos. 0306-0320. SS. Talks by OM abt Cent. America, ID and mx bridges. (9/4 D'Angelo-PA)
- 3654 INDONESIA. RKPDTZ Luwu. 1207-1220. Indo. Pops, no news at 1200. Tnx to Kirk Allen tip. (14/4 Sama-KS)
- 3776 INDONESIA. RPDTZ Sumbawa. 1215-1233. Indo. Pops, IN anncr, fairly consistent past fades. (10/4 Sama-KS)
- 3940 HONG KONG. RTVHK. 1130. EE. IS, Full ID and mention of South China Sea races, message repeated. (2/4 Paszkiewicz-WI)-nice one Sheryl!!!
- 4087 INDONESIA. RPDTZ Blitar. 1215. Indo. Indo talk. Sporadic reception in past weeks. Gena by 1217. (13/4 Sama-KS)
- 4607 INDONESIA. RRI Surul. 1056-1110. Western sounding pops and YL anncr with ID. (9/4 Archer-NC)
- 4680 ECUADOR. RN Quite. 0930-1003. LA music. (17/4 Bobb-MN)
- 4706 PERU. R. Imperio. 1001. "El Condor Pasa" mx bridge, tlk by OM with ment. of R. Imperio twice. (22/4 Jones-MS)
- 4740 USSR. R. Kabul (relay). 1846-1927. Indian style music with YL DJ, ID by OM. (8/4 Dillon-GREECE)
- 4760 SWAZILAND. TWR. 2215. EE. Relig. pgs. (4/5 Weinhold-PA)
- 4765 BRASIL. R. Rural. 0230-0243. PT. Found RM Cuba on 4760 creating another opening on 4765, heard "Animals: House of the Rising Sun"; mx bridge, ID by OM. (14/4 D'Angelo-PA)
- 4770 VENEZUELA. R. Mundial Bolivar. 0922-0935. LA Vocal mx. (15/4 Bobb-MN) @ 0119-0130 w/door bells, ID's, TC's. (21/4 Archer-NC)
- 4795 ECUADOR. LV de los Caras. 0143-0230. Ballads, ID. (5/4 Paszkiewicz-WI)
- 4797 VIETNAM. Nghia Binh. 1156-1229. VT. Opera/drama pgs, peak @ 1200, rapid fade. (22/4 Sama-KS)--nice Sam!!
- 4800 GUATEMALA. R. Buena Nueva. 0053-0101. Brass instrumental, hymn, and some talk, all in SS of course. (13/4 Bobb-MN)
- 4810 ARMENIAN SSR. R. Yerevan. 0203-0300. Exercise pgs with piano mx, news items at 0230, ID. (21/4 Archer-NC)
- PERU. R. San Martin. 1025-1032. Talk and flute mx. (28/4 Bobb-MN)
- 4815 COLOMBIA. R. Guatapuri. 0043-0129. From 0050-0110, into to network sports broadcast, ID. (28/4 Archer-NC); @ 0205-0308 with live music pgs, ID's. (30/4 D'Angelo-PA)
- 4822 PERU. R. Atahualpa. 0954-1020. Music, shouted ID over mx, a few TC's, two fast ID's heard. (4/5 Jones-MS)
- 4830 GABON. RPI Relay. 1815-1845. Jazz mx. world news. (8/4 Dillon-GREECE)
- 4840 VENEZUELA. R. Valera. 0923-0936. ID, Valencia musicale. (3/5 Bobb-MN)
- 4845 GUATEMALA. R. Kok'chi. 1116. Ind. Religious music, ID, and TC in spanish. (9/4 Jones-MS)
- 4850 CAMEROON. RC. 1835-1900. FF. Hi-life music, local anncr with ID, local and national mx. (1/4 Dillon-GREECE)
- 4855t INDONESIA. RRI Palembang. 1050-1112. Recitations, possible RRI ID by YL at 1105. (23/4 Archer-NC)
- 4876 BRASIL. RN Boa Vista. 0940-0956. Talk and mx. (3/5 Bobb-MN)
- KAZAKH SSR. RM. 0265-0310. RR. Big band music, RM IS and ID, world news and piano music. (9/4 Dillon-GREECE)
- 4880 BRASIL. RD Acreana. 0932-1005. PT. Pop vocals to ID @ 0936, short song and talk. (17/4 D'Angelo-PA)
- 4885 KENYA. VOK. 1758-1815. Afro music w/YL DJ. (8/4 Dillon-GREECE)

That's it this month folks. A big THANK YOU to the NASWA group who helped man the ANARC booth at the 1988 Dayton Hamvention.

Until next month '73 and CHEERS!!!!

GET WELL SOON JOHN!!!!!!!!

msk —



LOG REPORTS


section B

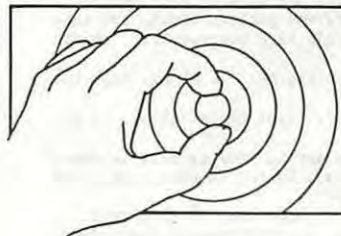
4900 to 6199 kHz

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

- 4902 EGYPT Cairo at 0310-0350 on 4-9 with AR mx, man DJ, ID 0346, muffled audio; 9805 either not on or not audible here; fair overall (Dillon-GREECE).
- 4907 KAMPUCHEA Phnom Penh hrd 1230-1245 with SEA string instrumentals, haunting vocals, 6090 much better; 4-23 (Sama-KS).
- 4910 HONDURAS LV de la Mosquitia, 0035-0055* (off in mid-song), talks by man, ID, relig. mx, marginally fair signal, 4-12 (Jordan).
- 4911 PERU R. Tawintinsuyo, 0956 4-4 with IDs, TCs, OA mx, vocals, fair signal (Jones-MS).
- 4915 BRAZIL R. Nacl de Macapa hrd 0920-0930 on 4-18 with local nx amts, much talk about Macapa, Nacional IDs, fair overall and mixing with Anhanguera (VanHorn-FL).
- 4915 GHANA Accra, EG nx 2245 5-4, mx, strong signal on R390A (Weinhold-PA).
- 4920 ECUADOR R. Quito, strong with talk, mx, nx, 1110 on 4-6 (Worob-TX).
- 4934 KENYA Nairobi General Svc in EG 1720-1755 4-8, agricultural info, hilife mx 1733 with man anncr, clear ID 1748, lottery numbers (Dillon-GREECE).
- 4935 PERU R. Tropical 1113 4-6, fair with ID, back into mx (Worob-TX).
- 4940 UKRAINIAN SSR R. Kiev at 0350-0408 on 4-9 with classical mx, man anncr, brief armt at 0400 but no nx then; fair signal (Dillon-GREECE).
- 4950 SARAWAK Kuching tentatively, at 1200 on 4-12 but poor signal; Pacific mx with gal talking, //7160, no ID, Chinese (Worob-TX). (Out of order, sorry; see 4950 below).
- 4945 BRAZIL R. Nacl Porto Velho, 0955 4-18, fair signal, R. Nacional promotions, mx titles, pops and EZL mx, TC 0959, ID 1000 (VanHorn-FL).
- 4945 COLOMBIA Caracol Neiva at 0752-0800 4-15, man with many mentions of Bogota and Caracol Neiva at 0758, talk followed, fair signal (Bobb-MN).
- 4950 SARAWAK again. Kuching in EG 1415 4-10, jazz mx, EG nx, ID as R. Malaysia Kuching; in well at local dawn; DW nx magazine at 1430 (Eckman-CA).
- 4955 BRAZIL R. Marajoara at 0140-0200 on 4-3 with PT songs, ID (Rustow-AUSTRIA); at 0818 on 4-13, good rcpn with DJ format, ballads, jingles, talk about Amazonia (VanHorn-FL).
- 4965 BRAZIL Tentatively R. Poti, 0940-0950 4-20, poor with pops, ads, no ID hrd (VanHorn-FL).
- 4966 PERU R. San Miguel poor at 1033 on 5-9 with typical early morning campesino prgm, usual yipping vocals, one fast ID (Jones-MS).
- 4970.6 PERU R. Imagen, in SP at 0958 on 5-9, local mx, TCs, amts, IDs in passing by man DJ, fair signal overall (Laves-TX).
- 4985 BRAZIL R. Brasil Central, hrd at 0925-0935 on 4-18, EZL mx, ID break with TC and into ballads, good signal with moderate QRM (VanHorn-FL).
- 5000 VENEZUELA YVTO time signal stn, new fqy apparently, hrd here at 0343 on 4-13 with time pips, ID and time amts, co-channel QRM from WWV, fair sig; not hrd at this time on usual 6100 (Buer-FL).
- 5010 SINGAPORE Hrd at 1254 on 4-10 in EG, US disco mx, //5052, not hrd in a long time. (Same-5015)
- 5015 ECUADOR Esc. Radiofonicas, 0100-0137 5-1, ID 0100, pops, more IDs, weak (Archer-NC); KS. at 1005 on 4-6, fair signal with ID, short talk, HC mx (Jones-MS).
- 5030 COSTA RICA R. Impacto, hrd 0030-0100 4-3 with jingle ID, songs (Buetow-AUSTRIA).
- 5025 BRAZIL New stn R. Morimoto hrd on 5-5 at 0810-0831 tune-out, mostly talk, some mx, but clear IDs (Tuchscherer-WI).
- 5030 PERU R. Los Andes, hrd 1013-1042 fade-out on 4-17, missed s/on but hrd "musica y R. Los Andes" by man; two or three OA vocals at a time with some talk and occasional IDs; fair sig overall, no QRM, but deteriorated after 1030 (D'Angelo-PA).
- 5035 BRAZIL R. Aparecida hrd at 0045-0102 on 4-12 with soft romantic vocals, TC, ad string, more vocals to 0055 jingle ID, brief nx read by man, fair signal (D'Angelo-PA).
- 5045 BRAZIL R. Cultura do Para, hrd 0350-0417 tune-out on 5-6, Latin dance mx, EG ID at 0415 (Tuchscherer-WI); hrd 0755 on 4-24, M&W in PT, TC for UTC-3, upbeat pops and ballads, finally a clean ID at 0808; much stronger than any other Brazilian but still fair overall (Laves-TX); 0803-0820 4-13, man with Br. mx, ID 0810, talk with background tinkling sounds, fair (Bobb-MN).
- 5040 ECUADOR LA del Upano, 0140-0208* 4-17 with man talking, LA mx, talk, ID, closing mx and NA, fair sig (Bobb-MN).
- 5050 ECUADOR R. Jesus del Gran Poder, 0930-0950, bell IS on tune-in, man with brief ID, mx and talk, fair 4-21 (Bobb-MN); hrd *1006 4-6, NA, mx, prayer, into religious prgm, good signal this date (Jones-MS).
- 5060.5 ECUADOR R. Nacional Progreso, 0147 5-6 with mostly ballads to 0200, ID and NA to 0228* (Tuchscherer-WI).
- 5283 PERU R. Onda Popular, 0318-0327 tune-out on 5-6, romantic songs but lost to RMTY QRM at 0326 (Tuchscherer-WI).
- 5800 CHINA Xinjiang PBS hrd 2330-2400 4-2, CH mx, amnt, ID (Buetow-AUSTRIA).

- 5894 INDONESIA RRI-Pekanbaru, hrd 1126-1147 on 4-23, gal anncr, RRI generic ID 1130; a fairly good indo morning with lots of interesting carriers and partial audio, but this the only one delivering decent copy, and it was fairly good; fade started 1141, about gone by 1147 (Archer-NC).
- 5915 ISRAEL HS Prgm D, in AR 1705-1740 4-4, AR mx to 1730, 6 pips, ID, TC, AR nx, fair but with CW QRM (Dillon-GREECE).
- 5945 FRANCE RFI, new fqy here, in FR 0104-0131 tune-out on 5-2, light classical mx, ID at 0129 (Tuchschere-WI).
- 5955 COLOMBIA LV de los Centauros, 0944 5-9 with multiple IDs during "Buenos Dias Colombia" prgm, fqy a mess, fair by listening on high side (Laves-TX); 0945-0958 4-20, good with LA pop vocals, TC, breaks for IDs, into ballads (VanHorn-FL).
- 5965 ECUADOR LV del Upano, 1052-1132 5-1, good here, fair on //5040; long ID with fqys, address 1052, 5965 wiped out by BBC IS 1057, back in clear at 1132 recheck (Archer-NC).
- 5980 BRAZIL R. Guarujá, 0839-0907 4-5, vocals, much talk, full ID 0904 (Rugg-QUE).
- 5980 SABAH Kota Kinabalu, CH M&W hosts 1436 4-10, talking, laughing, CH mx (Eckman-CA).
- 6000 BRAZIL R. Guaiaba, hrd 0935-0945 4-18, fair with EZL instrumentals, IDs, amts, into Brazilian pops, good strength but some QRM (VanHorn-FL).
- 6005 CANADA CFCK-Montreal, call in show 0843 4-24, ID 0846 may have been for SW (thought I hrd CFCK), 0859 ID was for "AM radio in Montreal," into nx; Reloj absent but still very bad rcprn (Laves-TX).
- 6010 CLANDESTINE R. Bardai, 1215-1250 4-3, anti-Chad political talk, songs, ID (Bustow-AUSTRA).
- 6011 PERU R. America, rare IDs 0645 4-2 under varied SP mx, good sig past 0900 (Eckman-CA); gal with "America del Peru" voiceover ID over local mx 1017 5-9, poor sig (Laves-TX).
- 6020 MEXICO XEJW at 0503 4-30, mx-talk format, Veracruz mentions, 0601* with NA (Eckman-CA).
- 6030 CANADA Tentatively CFVP-Calgary, canned Top 40 show 0833 4-24, no ID noted, poor until covered by AFRTS open carrier at 0845 (Laves-TX).
- 6030 OMAN BBC Masirah relay, AR 1700-1730, fair 4-11 with nx, cmtry (Dillon-GREECE).
- 6040 BRAZIL R.Cl.Paranaense, 0820-0838 4-5, good with much talking by man, some vocal mx, occasional IDs, requested ltrs, good signal (Rugg-QUE).
- 6045,8 COLOMBIA R. Melodia, ranchera mx 5-9 at 0845, full ID 0859 incl. M&W and SW fqys, fair signal overall (Laves-TX).
- 6055 PERU R. Continental, 0907-0920 on 4-5, IDs, vocal and instr.mx (Rugg-QUE).
- 6060 ARGENTINA R. Nacional, ID 0905 5-9 at end of nx, poor signal (Laves-TX).
- 6060 OMAN BBC Masirah relay, 0200-0220 4-6, presumed Pushto, talks, very exotic mx numbers, ID 0212, faded out by 0220, Portugal and Havana QRM (Jordan).
- 6075 BRAZIL DW via Radiobras, 0255-0300* 4-9, vy good sig, talk, ID, IS and off, no site ID; site per WRTH NL (Buer-FL); rptd Brazil also, *0100-0200 4-8, -9, IS, gong, nx, talk, fair-good, 0300* noted on recheck, //9545 marginally fair (Jordan).
- 6100 NEW ZEALAND R.NZ, good 1122 4-7, TC, into piano mx, fading (Worob-TX).
- 6100 VENEZUELA YVFO still here when I check, like 0930 5-1, despite anncd move to 5000 (Archer-NC).
- 6110 ENGLAND BBC hrd in SP at 0315 4-8, world nx, good signal (Loewer-OH).
- 6110 IRAQ Baghdad hrd at 0005 4-18, EG nx, ID, wiped out by BBC s/on 0015 (Laskowski-IN).
- 6115 INDIA AIR-Madras, in Hindi and EG 1755-1815, EG address, into discussion by M&W, EG ID 1800, Indian mx (mostly female vocals), fair overall (Dillon-GREECE).
- 6117 PERU R. Union hrd at 0725 on 4-7, mixture of LA pops and OA mx, commercials, several IDs, up from usual 6115, fair sig (Jones-MS); on 6116 at 0820-0850 4-21, man with mensajes, ID 0825, ad string, OA vocals 0828, ID over mx 0831, poor, fady (D'Angelo-PA).
- 6120 CYPRUS BBC relay, in AR 1655-1730 4-21, AR mx, ID, world nx, cmtry on Sudan, report from Egypt, //9825 (UK), 6030 (Oman), 7140 (Cyprus) (Dillon-GREECE).
- 6125 SPAIN Madrid in EG 0015 4-15, cmtry, wx, fair signal (Loewer-OH).
- 6145 WEST GERMANY DW in SP at *2300-0000, ID, world nx, SP pops, alternate M&W talking, many IDs, //11865 (fair), 15185 (poor, via Brazil), 13790 (VG), 9545 (F-C), 15105 (poor) (Jordan).
- 6150 ALASKA KNLS, hrd 0800 4-8 with IS, ID and into EG prgm, fair signal (Jones-MS); in Eg with religious talk 0825 4-13, ID 0831, classical mx prgm, fair with QRM (Bobb-MM).
- 6155 ASCENSION IS. BBC relay in EG at 0330 5-6, EG nx to Africa (Tuchschere-WI).
- 6160 COLOMBIA RCN, 2353 4-4 with nx, ads, sports results to 0011 then back to datelined nx, mainly from Bogota; caught RCN ID at 0000; fair, RN QRM from 0027 (D'Angelo-PA).
- 6185 MEXICO R. Educacion, hrd 0735-0814 on 4-21, a segment of Don Quixote drama, full ID (including call letters) at 0758, at 0800 prgm previews of four different features, then LA rhythms at 0806, carrier cut 0814, good signal (D'Angelo-PA); good 0755 4-8 with Don Quixote stuff, "Man of La Mancha" (Jones-MS); hrd 0957-111 4-29 with soft folk-pop vocals to arnd 1025, then man with review of day's prgms, into electronic mx set, ID at 1109, flutes, calliope, etc; QRM from VOA in CH (Philippines listed) (Archer-NC).

Sorry for the absence of LR-B last month, but with the increase in postal rates what else would we expect but reduced service? +++ Our hopes for a rapid recovery to Distributing Editor John Henault who is recovering from recent injuries. Reports for July should go to John M. Kapinos, 86 S. Quinsigamond Avenue, Shrewsbury, MA 01545, who will be filling in temporarily. +++ And please don't give up on the low bands in the summer. Till July, 73-



LOG REPORT

section C

6200 to 11699 kHz

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

NOTE!!!

ALL of the Log Report C family want to wish John Henault, our Distributing Editor, a speedy recovery from injuries received in an accident which occurred on May 7th. His injuries were extensive and it will be a while before he gets back to us. John is a wonderful and remarkable young man and we will be praying for the best of everything for him.

John Kapinos, Awards Program Chairman, will be standing in as D.E. Please send your loggings to him until further notice.

From across the Pond, I want to welcome GERHARD BUETOW of Vienna, Austria. It is certainly interesting to know what our friends, fellow DX'rs and SWL'rs around the world are able to hear. Hello GERHARD! Summer is here, enjoy it!

73's JERRY.

- 6205 INTERNATIONAL WATERS, ENGLAND R. CAROLINE 2302-2315 EG Pop mx w/ ancmts & ID "Caroline 55B; F. w/QSB & QRN; was 6210 (Buer-FL 4/15/
- 6210 INTERNATIONAL WATERS 1400-1430 Pop songs, ID (Buetow-Austria 2/4)
- 6323 NO. VIETNAM Son La 1228 VV Hrd reg. vy. wk, oper-style mx, tk, (Sams- KS 4/14)
- 6325 CLAND Vot Khmer 2330-2400 Khmer politics, ancmts, mx, ID, IS; (Buetow-Vienna, AUT 12/3)
- 6575 NO. VIETNAM Cao Bang 1220 VV missing from thid freq. wk of 4/17 unid on 6542.7. Then back on 6575 on 4/27+; (Sams-KS 4/17)
- 6550 LEBANON VoL 0235-0302 AR tk, vocal mx, much QRN; (Paszkwicz-WI 4/19 / 0440-0500 EZL mx w/yl ancr, interview w/2 om, ID as Sawtu lubnan, AR mx; f. (Dillon-Greece 4/3) / 0327 classical mx, wk w/deep fades. (Eckman-CA 4/4)
- 6576 Korea, DPR RP 1117 EG om w/nx abt construction of auto equipment in N. Korea; QRN nx, ID; SIO-434 (Worob-TX 4/8)
- 6694 NO. VIETNAM Bac Thai 1222 VV vy. wk. poorest of Viet regionals hrd this season; Asian string mx, no ID. (Sams-KS 4/16+)
- 6840nf CHINA, PR CPBS-Beijing 1248 CH Previous unid of mine, found; agrees w/March LN; (Sams-KS 4/23)
- 7160 UNID BBCWS relay 1655-1715 EG wld nx, 'A letter from Ireland Northern Ireland' p. (Dillon-Greece 4/1)
- 7175 ITALY R.Due 0605-0630 IT ID by yl, Beatles' song, interview w/ om, wk. (Dillon-Greece 4/2)
- 7180 HONG KONG BBC rel. 1210 CH om tk, nx, mx, ID; SIO-444 (Worob-TX 4/8) / 1054-1106 Ch/JP om, yl tk, IS tune, ID/JP f. (Bobb-MN 4/29)
- 7205 AUSTRALIA RA 1123 IS 'Waltzing Matilda' 1127 abrupt gone, no ID or lang hrd; SIO-434 (Worob-TX 4/6)
- 7230 USSR R.Rodina 0000-0030 RS Rpts, mx, ID (Buetow-AUSTRIA 3/4)
- 7265 GERMANY, FR Sudwestfunk 0635-0700 GM om DJ w/pop mx, ment. of Wiesbaden, ads or ancmts, tp's, tc @ 700, nx; (Dillon-Greece 4/2)
- 7275 KOREA, REP RK 1200 CH/EGT lang lesson? ARO+, no ID, SIO-322 (Worob 7295 MALAYSIA RM 1443 EG yl w/letters & requests, mx, nx; (Eckman-CA)
- 7335 cland BIZIM R. 1100-1140 Turkish nx, ID, mx, rpts (Buetow-AUS 3/18
- 7380 CLAND LV de CID 1037-1105 SP, return w// 9940 better; 7380s/off @1057, 9940 cont'd. many ID7s, 'Cuba para los Cubanos', audio im proved, recordings appeared muffled; (Archer-NC 4/30)
- 7383 LAOS LNR Savannakhet 1300-1320 Lao mx, ancmts, ID; (Buetow-AUST
- 7384 LAOS SAV. 1150-1220 Lao class. mx, ID, 1158 bells, n; // 6130 HIC 217? (Sams-KS 4/12)
- 7385 CLAND VO Democratic Kampuchea 1805-1825 Khmer nx, ID, mx (Buetow)

9340 CHINA, PR RB-Kunming 1515-1535 RS politicaltk, ID, C, mx (Buetow)
 9440 CHINA, PR RB 1704-1730+ AR tk, mx, ID, mx; f. (Dillon-Greece 4/17)
 9465nf USA WMLK 1925-1932 EG Rel tk; g. w/QSB, up fr 9455 (Buer-FL 4/17)
 9490 USSR RM 2310 SP ID BY OM, TK, MX SIO-555 (WOROB-TX 4/10)
 9500 CLAND VO the Libyan People 2207-2300+ AR polemics by om, sels of
 instr. & vocal mx, prayers, mx, speech
 by om; (Jordan-PA 4/21)
 9505 JAPAN NHK 1500-1510 EG om w/ID, wld & lcl nx; f. (Bobb-MN 4/20)
 9510 ALGERIA R. Algiers 1905-1920 EG wld nx, ID, f. (Dillon-Greece 4/1)
 9535 CANADA RCI LA svc 0115-0130 EG pgm on Canadian Indian writers
 ID, g. (Foell-LA 4/23)
 9535 NETH. ANTILLES TWR relay 0955-1010 IS, ID in various langs. om
 tk/GM, choral mx, f-g. (Bobb-MN 4/21)
 9545 SOLOMON IS. SIBS 0742-0802 EG om/wld & lcl nx, ads, social
 events, wx & tidal rpts., mx, ID; f. (Bobb-MN 4/11)
 9550 INDIA AIR-Aligarh 2140-2200 EG mx, ID; (Buetow-Austria 3/12)
 9550 BRAZIL R. Pampa 0049-0134 PT soccer match, ID, g. (Tuchscherer-WI
 9555 IRAQ RB 1620-1645 AR mx, om/tk, ID, VG. (DILLON-GREECE 4/1)
 9580 SO. AFRICA RSA *0200-0215+ EG IS, om w/sked, wld & reg. nx, mx
 // 9615 f., 6010 p w/QRN, (Jordan-PA 5/1)
 9575t ITALY RAI-Rome 0100-0120 IT om ancr w/fqy & sked ancmts., nx, mx
 // 5990 not heard, (Jordan-PA 4/12+13)
 9585 BRAZIL R. Excelsior 2220-2235 PT mx, ancmts, ID; (Buetow-AUST-3/12)
 9590 MADAGASCAR R. Nederlands 2127-2135 Indo. IS w/ID to 2130 s/on,
 f. w/QSB & co-chan QRM; (Buer-FL 4/17)
 9620 YUGOSLAVIA RY 2114-2120 EG IS, s/on, ID, nx, g. w/co-chan QRM;
 one hour early for Summer; (Buer-FL 4/15)
 9635nf CYPRUS CBC via BBC 2215-2245 GKIS, mx, ID by om, ancmts by yl,
 mx, tk by om, yl vocal & instr. mx; f. (Jordan-PA 4/30)
 9635 CHINA, PR RB *1300-1312+ EG IS, om w/ID, nx, cmtry. f. // 11600 f
 (Jordan-PA 4/28)
 9640 ANTIGUA DW REL. 0959-1010 EG/PT om w/ID, yl w/tk in PT to Brazil
 nx, g. (Bobb-MN 4/15)
 9665 SO. AFRICA R. Five 0615 EG R 5 ID's, pop mx, cash prizes in Rand.
 'Stark Raving Radio' (Eckman-CA 4/5)
 9675 NEDERLANDS RN 1030 EG nx; (Weinhold-PA 5/7 R390A)
 9680 MEXICO XEQQ 0348 SP Beer ads, soccer game, garb. audio (Eckman-CA
 9690 ROMANIA RB 1945 EG (WEINHOLD-PA 5/5 R-390A)
 9695 BRAZIL R. RIO MAR 0912-0935 PT ancmts & mx; (TUCHSCHERER-WI 5/5)
 9740 SAUDI ARABIA BSKSA 1935-1945 AR mx, ID, Qu'ran; (Buer-FL 4/17)
 9770 IRAQ RB 2115 EG 'Press Review', nx, mx, g. (Rhyne-NC 4/28)
 9745 MALI R. BEIJING 2030-2100 EG nx abt China, ID, mx; (Buetow-Aust)
 9755 CANADA RCI 0000-0030 EG wld nx & SWL Digest, g. (Bobb-MN 4/24)
 9775 DOMINICAN REPUBLIC R. Santiago SP 0302-0400+ 1st time here, thanks
 DS for tip. ancmts by yl between ballads, ID, freq, closing in
 SP NA, w/chorus. (Archer-NC 4/21) mx pgm hosted by yl, ID & s/off,
 NA; (D'Angelo-PA 5/1)
 9780 YEMEN ARAB REP. R. San'a 1700-1730 AR ID, yl w/wld & lcl nx,
 cmtry, ID by om; f. (Dillon-Greece 4/7)
 9810 GARON SRI Moyabi 2310-2330 FR Swiss mx, ID (Buetow-Austria 2/4)
 9870 USA WCSN 0425-0600 EG Interview w/yl who cured herself of can-
 cer, address, ID, article from Sentinel; f. (Dillon-Greece 4/2)
 9830 GUAM KSDA 1400-1425 VT IS, rel. pgm., (Buetow-Austria 3/18)
 9875 AUSTRIA RAI 0100-0130+ GM om & yl ancrs w/wld nx, mx (Jordan-PA)
 9950 PERU R. del Pacifico 0155-0230+ SP drama, ID, ad string follow-
 ed by lt mx; Ex-9675 SIO-353 D'Angelo-PA 4/28) / [9949] 0230
 -0245 + 2345-0030+ SP om/ tk, ment. LA countries, much QRN. ID;
 (Jordan-PA 4/28) / 0240-0304 strong w/LA songs, ID's (Tuchscherer
 9955 CHINA, REP. WYFR via VOFC 2101-2108 CH? ancmt, hymn, ID, tk; f.
 time & freq listed as EG; (Buer-FL 4/15)
 11580 USA VOA 0046-0101 Eg 'Singing Woman' story, ID, nx (Hollerman)
 11580 GERMANY, FR DW *0056-0101 EG IS, ID into nx by om (Hollerman-AL)
 11620 INDIA AIR 2108-2125 EG current affairs feature, Gen Overseas
 Svc. ID, by om, mx bridge into R. play. SIO-353 (D'Angelo-PA 5/1)
 11645 GREECE VoG 0032-0046 GK GK vocal mx, ID, nx by yl (Hollerman-AL)
 11665 KUWAIT RK 1940-2005 EG om & yl w/alt. recitations frm Qu'ran f.
 (Jordan-PA 4/9)

- 11670 FRANCE RFI 0325-0350 EG entry on various items, EG/FR bilingual
pgm 0345 w/yl ancr, tks, pops, etc; //9800, 9790 (Jordan-PA 4/24)
Normally, the following entries do not belong in LR-C. Knowing of the
fine work that Gail Van Horn does in supporting the hobby, I find it an
honor to include her reports. I certainly don't want to see them go to
waste, especially when they were all logged on my birthday. hi! Keep in
touch.
- 11925 BRAZIL R. Bandeirantes 0045-0050 PT oms chatting, 'jammed' ID,
co-channel QRM. SIO-434; (G. Van Horn-FL 4/13)
- 15190 BRAZIL R. Inconfidencia 0020 PT phone chats, nx on Brazil pol
itics, ID's. SIO-333; (G. Van Horn-FL 4/13)
- 15415 AUSTRALIA RA-Carnavon 0859 EG ID's, UTC time chk, wld & Aussie
nx. SIO-323. //17715 weaker; (G. Van Horn-FL 4/13)
- 17815 BRAZIL R. Cultura 0025-0035 PT mx (sambas), tlk abt Brazil, lcl
t/c w/0430 ID into pops. SIO-433; (G. Van Horn-FL 4/13)



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

- 11715 MALI R. Beijing relay in EG 0305, world nx, CH mx, ID, f (Foell LA 4/23)
- 11740 NETHERLANDS R. Nederlands in EG 2035, "Mailcall", g (Loewer OH 4/10)
- 11755 FINLAND R. Finland in EG 0230, "Nordic Report", new time (Eckman CA 4/30)
- 11760 COOK IS. RCI in Maori 0810, drum IS, island mx, tlks, p (Laskowski IN 4/10)
- 11785 EGYPT R. Cairo in AR 1327, DJ w/AR mx, ID, Qur'an recitation (Dillon GREECE 4/5)
- 11788 INDONESIA VOI in EG 1520, mx and letters from listeners (Eckman CA 4/10)
- 11800 GABON R. Japan relay in EG 2345, "Let's Practice Japanese", f-g (Rhyne NC 5/6)
- 11805 BRAZIL R. Globo in PT 2000, live futfol, jingles, ID, mx (Buetow AUSTRIA)
- 11815 POLAND R. Polonia in EG 0200, IS, nx, skeds, vp, //9525 (Laskowski IN 4/16)
- 11825 IRAN VOIRI in AR 1900, anti-Iraqi propaganda, ID, jammed (Dillon GREECE 4/2)
- 11835 SRI LANKA SLBC in EG 1045, nx, mx (Weinhold 5/7)
- 11840 IRAQ R. Baghdad in AR 2205-2215*, mid-East vocals, march mx (D'Angelo PA 4/10)
- 11860 SEYCHELLES FEBA in Omoro 1727, Kenya address, ID, IS, organ mx (Dillon GREECE)
- 11865 UNITED KINGDOM BBC London in RS *0340, 4 note IS to s/on, tlk, p (Buer FL 4/11)
- 11870 SEYCHELLES FEBA in Farsi 0257, IS, hrd under R. Japan mx pgm (Eckman CA 4/30)
- 11900 NO. MARIANAS KYOI in EG 1120, WS of Christ. Sci. Monitor, ID (Buer FL 4/18)
- 11950 IRAQ R. Baghdad in AR 1845, mostly AR mx, pips on hr, nx, f (Bobb MN 4/15)
- 11955 ANGOLA R. Nacional in Vern 0552, mention Luanda, African mx, vg (Eckman CA 4/12)
- 12005 TUNISIA R. Tunis in AR 1710, nx, classical mx, ID, press review (Dillon GREECE)
- 12035 SWITZERLAND SRI in IT 0135, tlks, ID, g (Bobb MN 4/16)
- 12035 NO. MARIANAS(t) FEBC in Mandarin(p) 2203, instrumentals, tlks, p (Jordan PA 4/9)
- 12077 ISRAEL Kol Israel in EG 2133, world nx, Israeli pop mx, f-g (Loewer OH 4/26)
- 13660nf COSTA RICA R. for Peace Intl in EG 2212, tlk re US arms spending, apparently
replaces 15493 w/o improving signal (Brouillette FL 5/3)
- 13715 CZECHOSLOVAKIA R. Prague in AR 1935, world nx, cmntry, f (Loewer OH 4/26)
- 13725 ISRAEL Kol Israel in HB 2220, folk mx, closing anmts 2225, ID (Brouillette 5/3)
- 13790 MALTA D.Welle relay in PT *2130-2300*, xmsn to Brazil, IS, ID in EG, rest of
pgm in PT, national & world nx, gong between tlk segments, g (Jordan PA 5/3)

15010 VIETNAM VOV in EG 1330, ID, sked, nx, poor recep due to accent (Laves TX 5/4)

15055 TAIWAN WYFR relay in EG 1339, tlk re Genesis, f (Laves TX 5/4)

15070 UNITED KINGDOM BBC London in EG 1550, "Sports World", nx, cmntry (Dillon GREECE)

15084 IRAN VOIRI in SP 0228, pgn annmets, ID, sked, QTH, //9022 (Laves TX 4/27)

15115 ECUADOR HCJB Quito in EG 1445, "The Bible Walk", ID, TC (Hollerman AL 4/4)

15155 ECUADOR HCJB Quito in EG/JP/SP 0103, mx of Ecuador, ID, g (Bobb MN 4/17)

15155 CUBA RHC in FR 2130-2140*, vocals, ID, annmets, NA, vg (Jordan 4/11)

15160 GREECE VOA relay Kavala in EG 0305, world nx, pop mx (Tuchscherer WI 4/24)

15165 DENMARK RD in EG/DN 1300, piano IS, ID in EG, then into DN, g (Worob TX 4/8)

15185nf BRAZIL D.Welle relay via R. Bras in SP *2258-2310, IS, pgn summary, nx, QRM on same channel, site per WRTH Newsletter, g (Buer FL 4/8) ED: See last month's Log D report. Jordan reports this xmsn to be from Antigua, not Brazil.

15225 IRAQ R. Baghdad in AR 0510-0545, slow AR vocals, ID?, p (Jordan PA 4/30)

15230nf IRAQ R. Baghdad in EG *2000, mx, exc (Weinhold PA 5/5) in EG 2018, nx, ID, mx vg (Buer FL 5/6) in AR 2055, AR mx, ID in EG 2058, nx, drums (Laves TX 5/9)

15235 LIBYA LJB in AR 0155, monologs, ID 0221, poor mod, //15415,15450 (Laves TX 4/27)

15235nf GABON R. Japan relay in FR 0655, tlk mx, pips, 0700 s/off, g (Buer FL 4/16)

15250nf SEYCHELLES FEBA in AR? 0415, tlks, songs, 0428 s/off, IS (Buer FL 4/11)

15250 SRI LANKA VOA relay in EG 0100, IS, regional & world nx, p (Paszkiwicz WI 4/29)

15345 SWEDEN RSI in SW 1620-1628*, tlks, ID, freq, IS, f (Bobb MN 4/29)

15355 NETHERLANDS ANVILLES TWR in PT/SP 0025, hymns, ID, tlks, f (Bobb MN 4/16)

15365 AUSTRALIA RA in IN 2258, IS, s/on & tlk, QRM REE Canary Is., f-p (Buer FL 4/28)

15365 CANARY IS. REE relay in SP 2200, local pgms & Madrid relay (Buer FL 4/26) ask for reports to the Canary address. Madrid pgms after 2300. (Brouillette FL 4/17)

15365 FRANCE RFI in EG 1245, nx and cmntry, f (Sampson WI 4/23)

15385 JAPAN R. Canada relay in EG *1157, IS, tlk, vp w/QRM (Buer FL 4/16)

15400 ASCENSION IS. BBC relay in EG 1920, "Outlook", g (Dillon GREECE 4/1)

15400nf USA KUSW Salt Lake City in EG 1955, tlk, ID, songs, repl 17715 (Buer FL 5/6)

15400 FINLAND RF in EG 1225, tlk re smoking, ID, g (Worob TX 4/8)

15415 LIBYA R. Jamahiriyah in AR 2215, AR mx, ID, speeches, //15450 (Jordan PA 5/2)

15420sb SWEDEN RSI in SP 2235, tlk re Oscar awards, ID (Buer FL 4/17)

15450 LIBYA R. Jamahiriyah in AR 0350, recitations, prayers, p (Laskowski IN 4/24)

15475 GABON Africa #1 in FR 1915, DJ w/AFR mx, ID, TC, into EG 1930 (Dillon GREECE)

15505 KUWAIT R. Kuwait in AR 2205, nx, ID 2206, poetry reading (Brouillette FL 4/17)

15580 PAKISTAN RP in EG 0232, slo speed nx, //15115, off 0245 (Laskowski IN 4/12)

15585 ISRAEL KOL ISRAEL in EG 1900, nx, cmntry (Weinhold PA 5/5)

17540 CLANDESTINE Arabic Freedom Radio in Pushto 1540, Afghan mx, ID (Buetow AUSTRIA)

17675 BELGIUM BRT in FR 1935, sports pgn, f (Loewer OH 4/23)

17690 EGYPT R. Cairo in lang? 1627, AR mx, IS 1630 (Tuchscherer WI 4/24)

17765 MEXICO RMI in SP 0415, Mex mx, geography pgn, ID, ads (Eckman CA 4/12)

17780 NO. MARIANAS KYOI Saipan in EG 0234, CSM nx, "Your Favorite Music" (Eckman 4/7)

17795 AUSTRALIA RA in EG 0245, light mx, ID, skeds, f-p (Loewer OH 4/15) also in EG 0100, nx, book review, "round the world" echo effect (Eckman CA 4/16)

17815 MOROCCO RIVM in EG *1700-1802, ID, world nx, rock mx, ID's, address, Islam and science, into FR 1800 (D'Angelo PA 4/16) in AR 1210-1300, solid bloc of mournful prayer chants, recitations, ID, f-p, //15360, 15335 (Jordan PA 4/29)

17830 SWITZERLAND SRI in EG 1530, ID, nx, rpt on Afghan peace agreement (Loewer 4/14)

17865nf UNITED ARAB EMIRATES R. Dubai in EG 1625, ez1 mx, ID, nx, wx, f (Bobb MN 4/23)

17870 BANGLADESH RB in EG *1224, IS, ID, freqs, nx, cmntry, //15525 (D'Angelo PA 4/16)

17895 KUWAIT(P) RK in AR 0432, AR mx, vg until 0459, apparent jammer (Eckman CA 4/12)

17890nf GABON AWR in EG 1232-1255*, Bible correspondence course, ID 1454 "This is Adventist World Radio*", heavy QRM from HCJB, p (D'Angelo PA 5/1)

21500 PORTUGAL R. Free Europe in EG 1854, closing annmt & ID 1855, s/off of jammer coincidental w/station s/off, //21745 (Brouillette FL 4/9)

21520nf FRANCE RFI in AR 1102-1159*, tlks, haunting vocals, nx, tlks, skeds, interviews, nice sels of AR mx, ID in FR at s/off, //11845 (Jordan PA 4/10)

21555sb SWEDEN RSI in SW 1345-1439, ID 1345, tlks, nx?, folk mx, f (Jordan PA 4/24)

21575 SPAIN REE in SP 1840, futbol play-by-play, Mideast xmsn, exc (Brouillette 4/9)

21610 JAPAN RJ in JP 0230-0300*, tlks, actualities, remotes, sports rpts, lively mx bridge, ID, sked, into EG 0300 (Jordan PA 5/3) in EG 0200, exc (Eckman CA)

21645 FRANCE RFI in FR 1120, pop FR mx version of US tunes, tlks, ID (Jordan PA 4/28)

21735 CLANDESTINE R. Free Afghanistan in Dari 1400, interviews, ID (Buetow AUSTRIA)

21745 PORTUGAL R. Free Europe in EG 1815, nx, cmntry, ID's, jammed (Brouillette FL)

The MUF continues to improve. One measure of conditions is the late night high frequency reception. Using the Sony 2010 with its built-in whip antenna on the bedside table, I can hear Austria on 15410 to the ME at 04 UT. Radio Sweden's 2300 and 0230 broadcasts can be heard on all frequencies, whereas last winter nothing could be heard. Beijing is lighting all 10 LEDs on 15455 to ENA at 1100. Other notes: Syria has moved twice in the last six weeks at 2005 and 2105, but they seem to have settled on 15095. At 2005, also on 12085. Iraq on 15230 at 20-22 to Eu seems to have found a decent frequency for NA. North Korea is announcing almost thier entire English schedule now, everything but ME/AF services. Australia and Italy sent J88 schedules. WHRI moved at 00 UT to 9495 and carries Radio Earth on both 7400 and 7355 at 03 Tu. Cuba has shuffled frequencies again; 9770 is useless here what with Beijing's Mali relay on the same frequency. 6140 from 02 on seems to be the best here. South Korea shifted some of its broadcasts to Eu and Am for summer time in the target areas; trying to get the schedule off the ME/AF 1100 UT service this morning, with a weak signal, I may have missed a couple of entries. If someone has an program schedule -- not just the frequency chart -- from Austria, how about mailing me a copy? The "new" Moscow frequencies are those that can be heard here, based upon a bandscan, and information from Lou Josephs (MA) and Ken Kashiwabara (CA). Thanks to Ken and to R.C. Watts (KY) who sent schedules!

Don't forget the ANARC SWL Net Sundays 14 UT on 7240 LSB for the latest tips on what's happening. Bob Brown, KW3F, continues to be net control. If you do not have a license, a number of net participants act as gateway stations to take telephone calls. You may also enter the contribution into the SWL conference on Pinelands RBBS as a message to Bob Brown. Bob usually picks up his mail two or three times a week.

Have equipment for sale? Looking for that something special? The PINELANDS RBBS (609-859-1910) is now sporting a FORSALE download directory. It is for your use in listing items -- radios, computers, camera or stereo equipment, cars, whatever -- for sale, items wanted or items for swap. Upload an ASCII text file per instructions atop the directory listing. It is open to all, regardless of club affiliation. Other clubs please copy.

Gilfer SW will hold their 3rd Annual SWL Fest Saturday, June 18, from 10 to 3 at 52 Park Avenue, Park Ridge, NJ. Rain or shine, the outdoor fleamarket is primarily for the SWL, but radio amateur and computer interests are welcome too. Tailgating is \$3/space. Call Paul at 201-391-7887 for more information.

Pinelands RBBS notes: Bill Cole was right on target about preparing a message offline and then uploading it using ASCII transfer protocol. Between the time he wrote that piece and now, however, I reduced the number of lines per message from 99 to 50 to make better use of available disk space. Everything else stands as is. New uploads from Al Quaglieri include SPEEDX's African column and a May DX shows list.

Thomas R. Sundstrom	:	Telex:	6502446376 (via WUI)
PO Box 2275	:	MCI Mail:	244-6376
Vincetown	:	The Source:	BCFB11
NJ 08088-2275	:	Compuserve:	(send via MCI Mail)
	:	Packet Radio:	W2XQ @ WB2MNF
	:	Pinelands RBBS:	609-859-1910 (24/12/3 BN1)

Changes entered between 04/30/88 and 05/28/88.

ENGLISH LANGUAGE SW BROADCAST SCHEDULES: By Start Time
Compiled by Thomas R. Sundstrom, W2XG

Start End Time Time (UTC) (UTC)	Country	Station	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Freq #8	Target Area	Notes	Record Last Updated
0000 0100	Australia	R Australia	17795	17750	15395	15320	15240	15160			As/Pac/PapNG		05/21/88
0000 0200	Cuba	R Havana	9770								Americas		05/27/88
0000 0200	Iraq	R Baghdad	11810	11775							Ind/Pakis/NA/SA		05/07/88
0000 0200	Luxembourg	R Luxembourg	6090								regional		05/17/88
0000 0100	Spain	Sp Foreign Radio	11880	9630							NA		05/17/88
0000 0300	USA	WHR1	9495	7400							Eu/CR/SA		05/22/88
0000 0300	USSR	R Moscow	15475	11760	11750	11710	9865	9765	9700	9610	ENA	also other freqs	05/19/88
0100 0200	Australia	R Australia	17795	17750	17715	15395	15320	15240	15180	15160	As/Pac/PapNG		05/21/88
0100 0145	German Dea Rep	R Berlin Int'l	9730	6080							ENA		05/19/88
0100 0200	Spain	Sp Foreign Radio	11880	9630							NA		05/17/88
0145 0230	German Dea Rep	R Berlin Int'l	11785	9730	9620	6080					WNA/ENA		05/19/88
0145 0315	New Zealand	R New Zealand Int'l	15150								NA		05/17/88
0200 0300	Australia	R Australia	17795	17750	17715	15240	15180				As/Pac/PapNG	Sat only	05/21/88
0200 0600	Cuba	R Havana	9770	9655	6140						Americas		05/28/88
0200 0250	Fed Rep Germany	R Deutsche Welle	11945	9690	9615	7285	6035	5995			As		05/01/88
0200 0300	Taiwan	V of Free China	15345	11860	11745	11740	9765	9680	7445	5985	NA/Jap/As/CR/AusNZ	MYFR:11740,9765,5985	05/21/88
0200 0230	USSR	R Kiev	15455	15180	13645	11790	9800	9640			NA		05/19/88
0230 0315	German Dea Rep	R Berlin Int'l	11750	6165	6125						LA		05/19/88
0230 0245	Pakistan	R Pakistan	17725	17760	15580	15115	1175				S & SE As	Slow-speed news	05/13/88
0258 0700	USSR	R Moscow	9640	9610	9600	9530	7290	6170			WNA	add'l freqs in use	05/14/88
0300 0400	Australia	R Australia	17795	17715	15320	15240	15160	11945			As/Pac/PapNG/Afr		05/21/88
0300 0345	German Dea Rep	R Berlin Int'l	11785	9620							WNA		05/19/88
0300 0400	Taiwan	V of Free China	15345	11745	9765	9680	7445	5985			NA/Jap/As/AusNZ	MYFR:9765,5985	05/21/88
0300 0350	Turkey	V of Turkey	17760	9445							SE As/NA		05/07/88
0310 0327	Switzerland	Red Cross	12035	9885	9725	6135					NA/CA	6/28/30-8/2/85,30-9/2	05/13/88

0330	0415	United Arab Emirates	R Dubai	17890 15435 11940 9640	NA	ann wrong 17775 freq	05/01/88
0345	0430	German Dem Rep	R Berlin Int'l	11785 9620	MNA		05/19/88
0345	0500	New Zealand	R New Zealand Int'l	15150 12045	Pac/Aus/Melanesia		05/17/88
0400	0500	Australia	R Australia	17795 17750 17715 15320 15240 15160 11945 11910	As/Pac/PapNG/Afr		05/21/88
0400	0430	Austria	ORF	15410 9875 6155	ME/MNA/Eu	Su -0500	05/19/88
0400	0450	North Korea	R Pyongyang	15180 15160 15115	SE As		05/20/88
0425	0440	Italy	RAI	7275 6165	Mediterranean		05/27/88
0430	0515	Fed Rep Germany	R Deutsche Welle	11765 9765 9565 7225 7150	SACE Afr		05/01/88
0500	0600	Australia	R Australia	17795 17750 17715 15240 15160 11910	As/Pac/PapNG		05/21/88
0500	0545	German Dem Rep	R Berlin Int'l	13610 11810 9645 6115 5965	Af/ME/Eu		05/19/88
0500	0600	South Korea	R Korea	9570 7275 6060	As/SDS		05/28/88
0500	0600	Spain	Sp Foreign Radio	9630	NA		05/17/88
0515	0600	German Dem Rep	R Berlin Int'l	17775 15240	SE As		05/19/88
0600	0630	Australia	R Australia	17795 17750 17715 15315 15240 15160 11945 11910	As/Pac/PapNG/Afr		05/21/88
0600	0650	North Korea	R Pyongyang	15180 15160 13650 9540	SE As		05/20/88
0615	0700	Fed Rep Germany	R Deutsche Welle	17875 15185 13790 11765 9700	# Afr		05/01/88
0630	0700	Australia	R Australia	17750 17715 15315 15240 15160 11945	As/Pac/PapNG/Afr		05/21/88
0700	0730	Australia	R Australia	17750 17715 15240 15160 9655 5995	As/Pac/PapNG		05/21/88
0700	0830	Ecuador	-HCJB	9745 6130	S Pac		05/17/88
0700	1115	Pakistan	R Pakistan	17660 15605	Eu	World Service	05/13/88
0730	0800	Australia	R Australia	17750 17715 11720 9655 5995	As/Pac/PapNG		05/21/88
0730	0800	Austria	ORF	17870 15410 11915 6155	ME/Eu	Su 0715-	05/19/88
0745	0830	Switzerland	Red Cross	21695 17830 13685 9560	Aus/As	6/27/830-8/14/82-9/1	05/13/88
0800	0900	German Dem Rep	R Berlin Int'l	21465 21540 9730 7185 6115 6040	Far E/Eu	#1,3,4,5 Sa-Su only	05/19/88
0800	0900	Australia	R Australia	17750 17715 11720 9655 9580	As/Pac/PapNG		05/21/88
0800	0850	North Korea	R Pyongyang	15180 15160 11850 9540	SE As		05/20/88
0800	0900	USA	NKLS	11860	As		05/19/88
0830	0930	China	R Beijing	15445 11755 9700	S Pacific		05/25/88
0830	1030	Ecuador	HCJB	11925 9745 6130	S Pac		05/17/88
0830	0900	Switzerland	R Swiss Int'l	21695 17830 13685 9560 9535 6165	Aus/INT/Eu		05/01/88
0900	0915	Australia	R Australia	17715 15415 11720 9760 9655 9580	As/Pac/PapNG		05/21/88
0900	0950	Fed Rep Germany	R Deutsche Welle	21680 21650 17875 17780 15510 15185 11945	Aus/As		05/01/88
0900	0945	German Dem Rep	R Berlin Int'l	21465 21540 9665	Far E/ENA	#1 Sa-Su only	05/19/88
0915	0930	Australia	R Australia	15415 11720 9760 9655 9580	As/Pac/PapNG		05/21/88
0930	1000	Australia	R Australia	15415 9760 9655 9580	As/Pac/PapNG		05/21/88
0930	1030	China	R Beijing	15445 11755 9700	S Pacific		05/25/88

0945	1030	German Des Rep	R Berlin Int'l	6115					Eu	05/19/88			
1000	1030	Australia	R Australia	15415	9770	9580			As/Pac/PapNG	05/21/88			
1000	1030	Fed Rep Germany	R Deutsche Welle	21600	17765	11785	9735		SACAE Afr	05/01/88			
1000	1100	USSR	R Moscow	17820	15530	15320	15225	13680	World Service	05/25/88			
1030	1130	Ecuador	HCJB	11925					S Pac	05/17/88			
1030	1130	United Arab Emirates R Dubai		21605	17865	15435	11955		Eu/Afr	05/25/88			
1040	1057	Switzerland	Red Cross	17830	15570	13685	11935		Far East	6/27/830-8/14/429-9/1 05/13/88			
1045	1100	Romania	R Bucharest	15405	11940	9690			Eu	04/30/88			
1100	1130	Australia	R Australia	11800	11705	9770	9710	9645	6080	05/21/88			
1100	1145	German Des Rep	R Berlin Int'l	17775	9665	6115			Eu	05/19/88			
1100	1156	South Africa	Radio RSA	21590	17860	15365	7270		Afr/NE/UK/Ireland	05/25/88			
1100	1130	Switzerland	Red Cross	7210					Eu	6/26/27-7/31-8/1/28 05/13/88			
1100	1200	USSR	R Moscow	17820	17645	15595	15320	15490	15320	15225	15155	World Service	05/25/88
1130	1200	Australia	R Australia	11800	11705	9770	9710	9645	9580	7215	6080	As/Pac/PapNG	05/21/88
1130	1200	Austria	ORF	17870	15320	11915	6155		ENR/Aus/As/Eu	Su -1330	05/19/88		
1130	1215	German Des Rep	R Berlin Int'l	21540	21465	17880	15440		SE As	05/19/88			
1200	1230	Australia	R Australia	11800	9770	9710	9580	7215	7205	6080	6060	As/Pac/PapNG	05/21/88
1200	1300	China	R Beijing	17715	15455	15110	11600	7820	ENR/S Pac	17715, 15110 v Mali	05/25/88		
1200	1300	USSR	R Moscow	17820	17645	15530	15320	15225	13680	9600	World Service	9600 v Cuba	05/28/88
1215	1300	German Des Rep	R Berlin Int'l	15240	11705				ME	05/19/88			
1230	1300	Australia	R Australia	9770	9710	9580	7215	7205	6080	6060	5995	As/Pac/PapNG	05/21/88
1230	1300	Turkey	V of Turkey	17800					SE As	05/17/88			
1245	1330	German Des Rep	R Berlin Int'l	21540	21465	17880	15440		SE As	05/19/88			
1300	1330	Australia	R Australia	9710	9580	7205	6080	6660	5995	As/Pac/PapNG	05/21/88		
1300	1400	China	R Beijing	15455	11600				S Pac/MNA	05/28/88			
1300	1345	German Des Rep	R Berlin Int'l	6115					Eu	05/19/88			
1300	1350	North Korea	R Pyongyang	11735	9600	9555	9345	9325	Am/Eu	05/20/88			
1300	1545	Pakistan	R Pakistan	15605	13675	11615	9475		ME	05/13/88			
1300	1400	South Korea	R Korea	15575	9750	9570			Am/SE As	05/28/88			
1300	1400	USSR	R Moscow	17820	17645	15530	15320	15225	13680	11840	World Service	11840 v Cuba	05/28/88
1310	1327	China	Red Cross	15135	11695				S/SE As	6/27/830-8/14/429-9/1 05/13/88			
1310	1327	Switzerland	Red Cross	21695	17830	15570	13685		S/SE As	6/27/830-8/14/429-9/1 05/13/88			
1330	1400	Australia	R Australia	9580	7205	6080	6060	5995	As/Pac/PapNG	05/21/88			
1345	1430	German Des Rep	R Berlin Int'l	9730					Eu	05/19/88			
1400	1500	Australia	R Australia	9580	7205	6080	5995		As/Pac/PapNG	05/21/88			
1400	1450	North Korea	R Pyongyang	11735	9600	9555			SE As	05/20/88			
1400	1430	Switzerland	R Swiss Int'l	12030	9535	6165			Eu	05/01/88			

1445	1530	German Dem Rep	R Berlin Int'l	17880 15240	SE As	05/19/88
1500	1530	Australia	R Australia	9580 7215	As/Pac/PapNG	05/21/88
1500	1550	Fed Rep Germany	R Deutsche Welle	21600 17810	StC&E Afr	05/01/88
1500	1550	North Korea	R Pyongyang	11740 9625	Eu	05/20/88
1500	1600	South Korea	R Korea	9870 5975	ME/Afr/60S	05/28/88
1500	1700	USA	KHLS	9750	As	05/19/88
1530	1900	Australia	R Australia	9580 7215	As/Pac/PapNG	05/21/88
1545	1630	German Dem Rep	R Berlin Int'l	17775 15255	Af/Eu	05/19/88
1545	1630	Pakistan	R Pakistan	17800 15605	ME/E&S Afr	05/13/88
1610	1650	Fed Rep Germany	R Deutsche Welle	21680 17825	Aus/As	05/01/88
1630	1700	Austria	ORF	11780 11915	S As/Eu	05/19/88
1630	1900	Pakistan	R Pakistan	11570 9400	Eu	05/13/88
1700	1750	North Korea	R Pyongyang	11740 9625	Eu	05/20/88
1700	1800	South Korea	R Korea	15575	Eu	05/28/88
1700	1730	Switzerland	Red Cross	7210	Eu	05/13/88
1710	1727	Switzerland	Red Cross	17830 15525	Af	05/19/88
1715	1800	German Dem Rep	R Berlin Int'l	9730 7295	Eu	05/19/88
1730	1800	Austria	ORF	12010 11825	ME/S Afr/Eu	05/19/88
1730	1815	German Dem Rep	R Berlin Int'l	15255 15145	Af	05/19/88
1800	1850	Fed Rep Germany	R Deutsche Welle	17715 15135	StC&E Afr	05/01/88
1800	1900	USA	KHLS	11700	As	05/19/88
1800	1830	USSR	R Kiev	11780 9710	Eu	05/19/88
1830	1900	Canada	R Canada Int'l	17875 15325	N Eu	04/30/88
1830	2115	New Zealand	R New Zealand Int'l	15150 12045	Pac	05/17/88
1900	2000	Australia	R Australia	9580 7215	As/Pac/PapNG	05/21/88
1900	2030	Spain	Sp Foreign Radio	15375 15125	Afr/ME/Eu	05/17/88
1900	1930	Switzerland	R Swiss Int'l	9535 6165	Eu	05/01/88
1915	2000	German Dem Rep	R Berlin Int'l	15255 13610	Af	05/19/88
1930	2030	South Korea	R Korea	15575 7550	Eu/ME/Afr	05/28/88
1945	2030	German Dem Rep	R Berlin Int'l	6115	Eu	05/19/88
2000	2030	Australia	R Australia	9620 9580	As/Pac/PapNG	05/21/88
2000	2200	Iraq	R Baghdad	15230 9770	Eu	05/19/88
2000	2050	North Korea	R Pyongyang	9345 9325	Eu	05/20/88
2000	2050	Turkey	V of Turkey	9825	Eu	05/07/88
2005	2105	Syria	R Damascus	15095 12085	Eu	05/17/88
2025	2045	Italy	RAI	11800 9575	Near East	05/27/88

M-F : 41/49m v UK

Slow-speed news 1615

6/26&27-7/31-8/1&28

6/27&30-8/1&4&29-9/1

World Service

2130	2200	Australia	R Australia	15395	15240	15160	As/Pac/PapNG	05/21/88
2130	2200	Austria	DRF	11915	9870	6155	W Afr/Eu	05/19/88
2130	2230	Bulgaria	R Sofia	11900	9700		NA/M Eu	05/19/88
2130	2200	USSR	R Vilnius	6100			Eu	05/17/88
2145	2230	German Dem Rep	R Berlin Int'l	5965	6125		Eu/ENA	05/19/88
2200	2400	Australia	R Australia	17795	15395	15320	As/Pac/PapNG	05/21/88
2200	2225	Italy	RAI	15330	11800	9710	Japan	05/27/88
2200	2300	Taiwan	V of Free China	17845	15440	15370	Eu/AusNZ	05/21/88
2200	2250	Turkey	V of Turkey	17760	9685	9445	SE As/NA/Eu/ME	05/07/88
2200	2300	USSR	R Moscow	15475	11850	11780	9865	05/19/88
2200	2230	USSR	R Vilnius	15580	15255	13645	9640	05/17/88
2230	2330	South Korea	R Korea	15575			NA	05/28/88
2300	0000	Bulgaria	R Sofia	11950	9700		Am	05/09/88
2300	0000	USSR	R Moscow	15475	11780	11750	9865	05/19/88
2305	2355	Poland	R Poland	9525	7270	7145	9530	05/19/88
2330	2400	Switzerland	R Swiss Int'l	6190			Eu/NA	05/01/88
2330	0000	USSR	R Kiev	15455	15180	13645	9800	05/19/88
2345	0030	German Dem Rep	R Berlin Int'l	9730	6080		ENA	05/19/88
2345	0145	New Zealand	R New Zealand Int'l	15150			Pac/Aus/Melanesia	05/17/88
2345	2400	South Korea	R Korea	15575			GUS	05/28/88
2030	2100	Australia	R Australia	9620	9580		As/Pac/PapNG	05/21/88
2040	2140	Cuba	R Havana	15340			SA	05/05/88
2100	2130	Australia	R Australia	15395	15240	15160	9620	05/21/88
2100	2145	German Dem Rep	R Berlin Int'l	6125			ENA	05/19/88
2100	2200	Spain	Sp Foreign Radio	11790	9765		Eu	05/17/88
2105	2205	Syria	R Damascus	15095			NA	05/17/88

MYFR:17845 & 15440

World News Service

05/28/88

ENGLISH LANGUAGE DX SHOWS: By Day of Week
Compiled by Thomas K. Sundstrom, W21Q

Shortwave DX Program	Show Xasn Start Time	Start Time	Country	Station	Freq					Target Area	Notes re DX Show	Record Last Updated
					41	42	43	44	45			
** DAY OF THE WEEK: Sunday												
Communicator	0230	0200	Australia	R Australia	17795	17750	17715	15240	15180	As/Pac/PapMG		05/21/88
Shortwave Panaraaa	1635	1630	Austria	ORF	11780	11915	6115	5945		S As/Eu		05/19/88
DX Spot	1920	1900	Spain	Sp Foreign Radio	15375	15125	11790	9765		Afr/NE/Eu		05/17/88
World of Radio	2030	1700	USA	WRND	15420					NA/CA/Eu		05/19/88
DX Spot	2120	2100	Spain	Sp Foreign Radio	11790	9765				Eu		05/17/88
Shortwave Panaraaa	2135	2130	Austria	ORF	11915	9870	6155	5945		W Afr/Eu		05/19/88
SW Feedback's DX Cor	2325	2230	South Korea	R Korea	15575					Afr		05/28/88
** DAY OF THE WEEK: Monday												
Shortwave Panaraaa	0100	0030	Austria	ORF	9875					NA		05/19/88
Shortwave Panaraaa	0405	0400	Austria	ORF	15410	9875	6155			NE/WNA/Eu		05/19/88
DX Party Line	0930	0830	Ecuador	HCJB	11925	9745	6130			S Pac		05/17/88
RBI DX Club	2120	2100	Geraan Dea Rep	R Berlin Int'l	6125					ENA	biweekly	05/19/88
RBI DX Club	2205	2145	Geraan Dea Rep	R Berlin Int'l	5965	6125				Eu/ENA	biweekly	05/19/88
** DAY OF THE WEEK: Tuesday												
RBI DX Club	0120	0100	Geraan Dea Rep	R Berlin Int'l	9730	6080				ENA	biweekly	05/19/88
RBI DX Club	0205	0145	Geraan Dea Rep	R Berlin Int'l	11785	9730	9620	6080		WNA/ENA	biweekly	05/19/88
RBI DX Club	0320	0300	Geraan Dea Rep	R Berlin Int'l	11785	9620				WNA	biweekly	05/19/88
RBI DX Club	0405	0345	Geraan Dea Rep	R Berlin Int'l	11785	9620				WNA	biweekly	05/19/88
** DAY OF THE WEEK: Thursday												
World of Radio	1500	1458	USA	WRND	11965					NA/CA		05/19/88
** DAY OF THE WEEK: Saturday												
DX Party Line	0930	0830	Ecuador	HCJB	11925	9745	6130			S Pac	Biweekly	05/17/88
DX Radio Tips	2020	2000	Turkey	V of Turkey	9825					Eu	Biweekly	05/07/88
DX Radio Tips	2220	2200	Turkey	V of Turkey	17760	9685	9445	7160		SE As/WNA/Eu/NE	Biweekly	05/07/88

East Coast SWL Conference Ham/Computer Fest!

September 17-18, 1988

Virginia Beach, Virginia

Come and enjoy a weekend in beautiful Virginia Beach, Virginia, with many of your favorite SWL friends! Forums, conferences and dealers galore! Participating clubs include NASWA, ODDX & Great Circle SW Society.

- ⇒ Jonathan Marks from Radio Nederland!
- ⇒ Robert Horvitz, ANARC Exec. Secretary
- ⇒ Dr. DX Speaks Out!!
- ⇒ Chuck Rippel, DX'ers Forum Editor

Other highlights include displays from the major manufacturers: Icom, Kenwood and Yaesu; forums with the FCC, the ARRL, and various computer organizations! PLUS a flea market, and dealers of ALL kinds!

SWL forums will also include general roundtable discussions on receivers, QSL'ing and antennas! Additionally, the BLUE ANGELS will be performing at the nearby OCEANA MASTER JET BASE; it will still be warm, and the shores of the Atlantic Ocean are only a few short blocks away! A fun filled weekend is assured!

For more information, send a SASE to:



The Old Dominion DX Association

P.O. Box 9645
Norfolk, VA 23505-0645
or call (804) 497-5151

NORTH AMERICAN SHORTWAVE ASSOCIATION

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CONTACT - Steven G. Moye, 178 Bartlett Ave., Cranston, RI 02905
EASY LISTENING - Alex Batman, 300 Hill St., Apt. 6, Boone, NC 28607
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