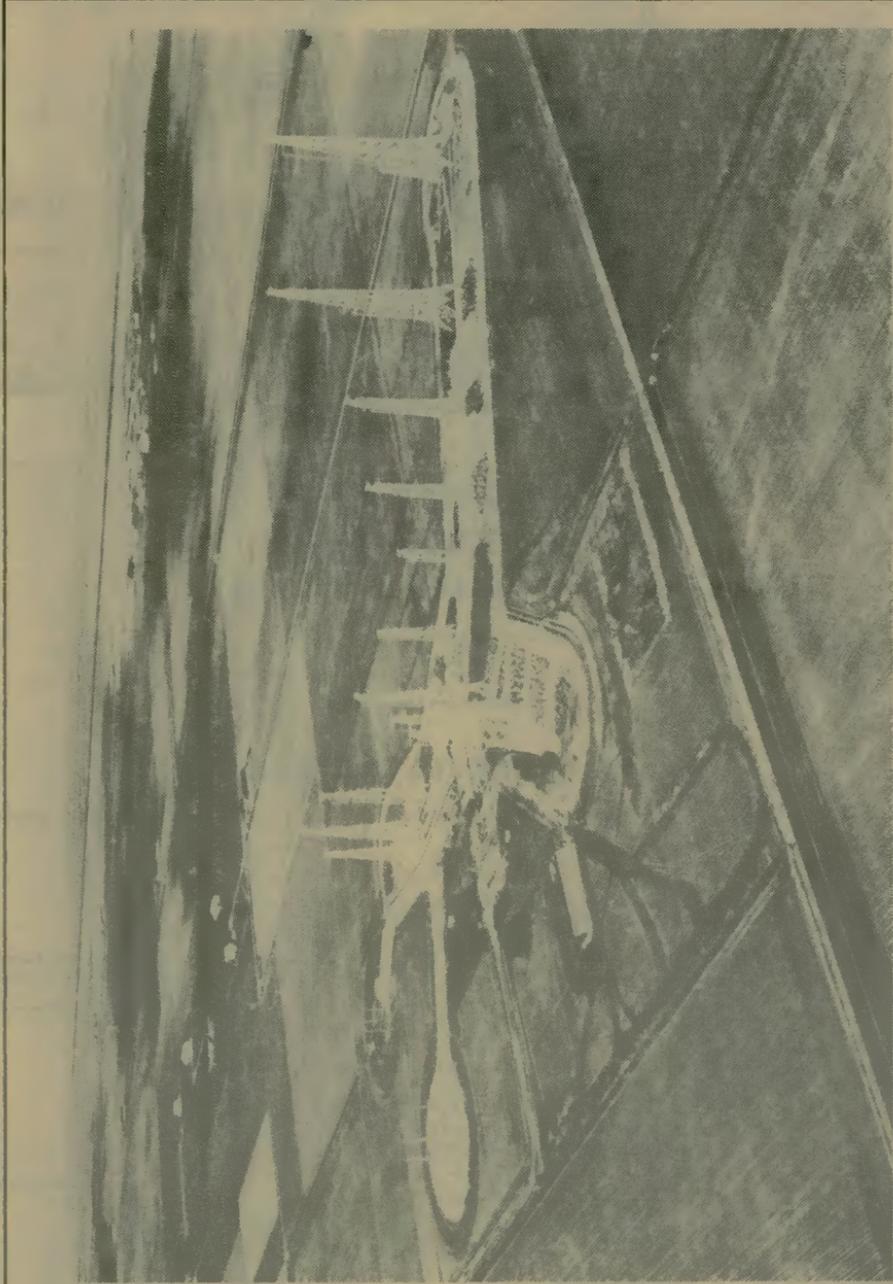


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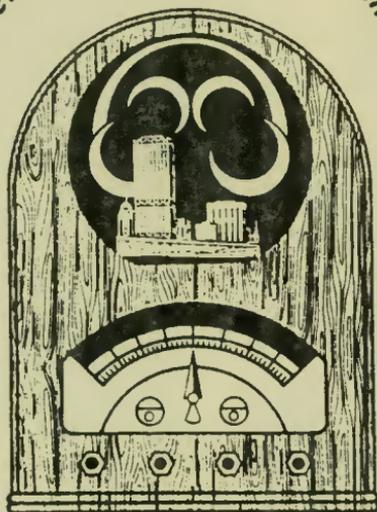


Aerial view of new Flevo transmitting centre for Radio Netherlands.

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CONTACT

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

In my first column in the April edition of FRENEX I discussed the problem of large-scale public unawareness of SWL. Ever since then some part of this column has been devoted to creative solutions to that problem. Letters from you have reflected a similar perception of this situation: this, in and of itself, is a positive sign. Even better, though, have been the suggestions for avenues of approach for change. I am delighted to continue this fledgling tradition this month with two very pertinent and intriguing letters.

We start with an exciting announcement from Alan R. Plotnick, Hamden, Connecticut:

I would like to bring to the attention of NASWA members the adoption of a new course at the University of New Haven (in West Haven, Ct. where I teach) called International Broadcasting. This type of course is relatively rare within university programs and it represents an important innovation that should attract a considerable amount of interest in the near future. The plan is to initiate the course (called Communications 416) in September 1986. The content is especially relevant to serious SWLs and DX'ers. Not only will it cover such technical questions as the problems involved in allocating frequencies among competing world broadcasters, but it will include a great deal of historical background on the major broadcasters such as VOA and BBC. Although I am a Professor of Economics and will not be teaching this course, I have volunteered to present some lectures dealing with the subject from the perspective of a NASWA member, looking at international broadcasting as a hobby and recreation. One would hope that this imaginative innovation in university courses will spread to other colleges and universities. When a government is willing to spend millions of dollars every year to present its political, ideological, and economic views, then you know that courses like this are long overdue.

This is a very promising idea indeed and ought to prove very fruitful, and I'm sure we would all wish those involved the very best. In a letter to Prof. Plotnick I expressed the hope that this course work will give rise to a textbook available to the public at large in which sound scholarship will bring clarity to the ever-chaotic field of international broadcasting. My only regret is that I don't live closer to West Haven to take advantage of this opportunity. Maybe I could move...

We move now from the classroom to the marketplace. In the present context this is very logical in that if consumers become more SWL-aware (for example by means of education, or more and more readily available literature), then manufacturers must be in a position to cater to them intelligently. Market research is one tool available in order to accomplish this bringing-together of consumer and manufacturer. To this end, Richard M. Oddie of Sonoma, California, offers, out of the wealth of his experience, the following remarks and challenging proposal:

Something wrong in the North American SW world? Yes, suggests the Editor in April CONTACT and Tim Davison joins him in May. Not enough marketing effort by SW receiver manufacturers on one hand, and not enough quality programming by international SW broadcasters on the other.

Seems a little strange, doesn't it? The manufacturers, some of them both large and sophisticated, don't lack the ability and resources with which to maximize their sales in North America. The broadcasters, expensively supported by their various governments, have everything to gain by pleasing present North American listeners and increasing their number.

But for some reason, nothing seems to happen. We don't see any product ads addressed to the general public, or any institutional ads promoting the benefits and pleasures of SW listening. Someone should do something about this. Perhaps we can.

If the North American SW community, made up of NASWA and other ANARC members, the SW media and the SW equipment dealers organized a voluntary cooperative project to engage in some marketing research, it might be possible to learn a great deal about how to increase the number of SW receiver owners and SW broadcast listeners.

OK, but who will volunteer for a project like this? If it were properly publicized to the SW community, a sufficient number of members, spouses and friends with professional experience in the various fields of marketing research are almost certain to sign up.

This is a feasible project. Divided into small segments, each one carried out accurately, objectively and punctually, the final assembly into a finished report becomes

a complex but not overwhelming task.

What would be done with a report like this? First, it would be shared with those who did the work and their associates concerned with project implementation. Then it would be distributed to the SW receiver manufacturers and the thirty or so international broadcasters beaming programs into North America. This should convince them that a great many of their customers and listeners are really interested in their success.

Is this too far-fetched, too ambitious? Not if the SW community both supports it and participates in making it happen. When it does it will build bridges across the distances that separate us from our partners in interest in the GREAT SW-TRIANGLE.

Dick knows whereof he speaks. With experience in manufacturing, sales and management (in his own words: "In five firms went from peon to VP/General manager."); group leader for several sections of the international advertising firm of McCann Erickson; working for a metropolitan market AM station and for an international SW broadcaster as Director of Programs; with Bank of America for 26 years as the head of the bank's Area Development Department; with all of this experience and more, I believe that Dick has made a useful and workable suggestion. He entitled his proposal THE GREAT SW TRIANGLE and I will pursue his imagery by suggesting that we the shortwave listeners form the base of that triangle, and the structure of the whole is only as strong as the base upon which it is built. It seems to me that we could and should play an important rôle in increasing the strength of our place in the structure. What do you think?

From Larry Vipond, Phoenix, Arizona, comes a letter in which a thorny issue arises:

According to recent media reports in the U.S., an outspoken immigrant from Taiwan was recently murdered in California because of his stated views of the Taiwan government. According to those reports, the California resident's murder was ordered by a high ranking government official of Taiwan. According to the FBI and California police, the "hit squad" was from Taiwan, where it returned after the murder was completed. According to those same media reports the Chinese residents of some California communities have become so afraid of the big arm of the government of Taiwan that some Chinese are now wearing bulletproof vests -- especially those persons who have spoken out against the Taiwan government.

After hearing the above reports on TV I became rather disturbed about the fact that a U.S. based religious organization, WYFR Family Radio, made its 'voice' from Okeechobee, Florida available to a foreign government that, according to the FBI, was resorting to the murder of U.S. residents to silence a voice that spoke out against it. The more I thought about the situation, the more disturbed I became. I decided to write to Mr. Harold Camping, President, Family Radio, to voice, in the strongest possible way, my objection to the use of WYFR's shortwave facilities by Radio Free China -- "free" indeed. Mr. Camping's response to my letter is attached. (See below--sgm)

As you will note, Mr. Camping says that he is very sorry about the kind of violence that we are hearing about concerning Taiwan. However, it seems clear that Mr. Camping is quite willing to dismiss that violence -- so long as he can use the transmitter in Taiwan to broadcast the the Gospel into mainland China. I sincerely hope that the mainland Chinese fully appreciate the Family Radio broadcasts beamed at them from Taiwan. They are being paid for with the blood of at least one resident of California -- and who knows how many more?

I don't know about you, but I find Mr. Camping's letter to be a remarkable document. I sincerely hope that all NASWA members will write to Mr. Camping in Oakland, California and voice their strong objections to Radio Free China's continued use of Family Radio's shortwave facilities in the United States.

Here, then, is Harold Camping's reply:

I am very sorry that there exists the kind of violence that we are hearing about concerning Taiwan. I suppose in every nation there is violent action taken when people feel they cannot have their way. One great need of this world is that there might be more and more mutual understanding between nations. This is what we are endeavoring to do with our trade with Radio Free China.

Our experience has been that by broadcasting the Gospel into mainland China we are projecting an image of the United States that cannot be done with Voice of America or other political broadcasts. We believe it is an image that is helping to build friendships between peoples of mainland China and the United States. These broadcasts to mainland China are possible only because of our trade with Radio Free China. Moreover, we also believe that we have built friendships between the peoples of the United States and the Republic of China through this trade. Therefore, we believe that, even though violence can erupt in this tense world, we do not want that violence to curtail the long-range efforts that are being put forth to build friendships between nations.

I do appreciate your concern, and I am grateful that you have written to me. Thank you for this concern.

So, the question is just this: Is a broadcaster, and if so to what extent, responsible for the moral and ethical position of the party whose programming he broadcasts? This already painful problem is exacerbated when the broadcaster's purpose is the application of Christian principles to broadcasting practice. Another question (perhaps the same question in another guise): What is the proper balance (if such exists) between the accountability of the broadcaster in these matters, and the need of that broadcaster to remain on the air? Very probably there is no single, all-purpose, answer to these questions, but I think that they are well worth pondering.

This has been a very meaty column. I hope that it raised some thoughts and questions, and that you will share them with us: your letters are always welcome. To those who have written, as always, my thanks.

LXXIII--

SS CONTACT NOTES SS

John Demmitt (Box A, K0848, Bellefonte, Pennsylvania 16823) has written back to me to see if anyone in NASWA can provide him with a MW bandscan from the Republic, Ohio area. He says that he's not necessarily interested in exotic DX but simply in what is heard in that area.

A personal plea -- can anyone help me to find the first two editions of LA-DXing from Radio Nuevo Mundo, Tokyo, Japan. These are now out of print and I don't seem to be able to find any on my own. If you can help me, please write to me first so that we can settle the financial details, among others.

NO COLLECT CALLS ON THESE ADS, PLEASE.

FOR SALE: Yaesu FRG-7700 with Gilfer modifications, instruction manual, set of HP8 earphones, and Eavesdropper antenna used only in attic. In excellent operating condition. \$300.00 FOB Hazlet, NJ. Ira Teitelbaum, 46 Briscoe Terrace, Hazlet, NJ 07730. Phone (201) 264-1165.

FOR SALE: Collins 51-J in mint condition with owner's manual. \$300.00. Frank Nathanson, 19 Cedarwood Court, Staten Island, NY 10303.

FOR SALE: Kenwood R600 receiver with digital readout. One year old. \$210.00. MFJ Frequency Standard (calibrator). New. \$20.00. SX-59 Pre-selector. \$25.00. Hobart C. Beal, P.O. Box 1246, Walla Walla, WA 99362. Phone (509) 529-0073.

FOR SALE: Drake R-7/DR-7 in absolutely mint condition. 0-30 MHz coverage with 6.0, 4.0, 2.3, 1.8, and 0.5 Hz filters, NB-7 notch filter, owner's manual, dust cover, and factory carton. Factory checked and calibrated January, 1985. Price \$1000.00 UPS prepaid shipping in U.S.A. Irv Ambler, 558 Booth Hill Road, Trumbull, CT 06611. Phone (203) 375-2906 after 6 p.m. EDST.

WANTED: Zenith Transoceanic, Model D7000Y or later. Must be in good condition with manual and logs and charts, if possible. Also, I am interested in the Nordmende Globetraveler III or Globetraveler IV in good condition. Luther Hall, 6160 Hazelwood Avenue, Indianapolis, IN 46208. Phone (317) 253-5686 after 7:00 p.m.

FOR SALE: Customized Beam Headings (from/to) and distances (MI/KM) to over 355 WRTH transmitter sites. ITU Country Codes included. Send your location or coordinates, \$6.00. WRTVH '84, \$7.50. FRENDX complete '84, \$5.00. How to Improve SW Reception #3, 2.50. Confidential Frequency List (4th edition); How to Listen to the World (5th edition), \$2.00 each. NRC Domestic MW Log 70-71; NRC Latin American MW Log 71, \$2.50 each, Cashiers check or money order, please. Al Drehmann, Route 2, Box 3B, Tryon, NC 28782. Phone (704) 894-3398.



Easy Listening

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

It's been a fine month for shortwave listening, at least for me, and I hope for everyone else. This month Erich Schulman of Oak Ridge, Tennessee makes his first appearance in the column. I'm especially pleased because Erich is the first person to contribute to "Easy Listening," and I hope he is the forerunner of many more.

Let me know what you're listening to and whether it's good or bad. When you report, please include: 1. The day of the week (U.S. time--changing days at 0700 GMT); 2. The time (GMT); 3. The name of the program (not absolutely necessary if you can't catch the title, but preferred); 4. The station and country; 5. a brief description of the program details; 6. The frequency. Remember that opinions about the quality of the program are often matters of taste and not necessarily shared by everyone, but if you feel strongly that a particular program deserves five stars or ought to be trashed, by all means let us know.

MONDAY

- 1115-1200: "Morning Sounds" (Trans World Radio, Netherland Antilles). This is a program with Caribbean news, music requests, and advice features. A maritime report is included at the end. The MS presenter also asks the news reader trivia questions. News is reported quite objectively, though rather briefly. Most of the news on this program may be heard earlier and in more detail on "Caribbean Report" on VOA. (11815--Schulman, TN) (M-F)
- 0250-0300: "Spotlight on Sports" (Radio Berlin International, East Germany). The program features sports news of international and specifically East German interest such as end of football season in East Germany and international gymnastic competition with, of course, special emphasis on East German competitors. The program includes scores if they are covered in the feature story, but goes beyond scores to special reports and some analysis. (9560, 9620--this is a repeat of earlier broadcasts at 2215 GMT on 6125/6165 and at 0000 and 0130 on 9730/11975. Also repeated for West Coast at 0530 GMT on 9620/11790).

TUESDAY

- 0100-0150: "Passport" (HCJB, Ecuador). This program can vary greatly from day to day. Typical features are readings from the bible ("Good News Verse"), South American tales, South American rhythms, and reports from NASA and National Geographic. Fridays are special reports which focus on one thing, i.e., travel in Ecuador, Peru, and Bolivia. All programs include news of Latin America, and the news appears objective albeit rather brief. (15155/9745--Schulman, TN) (M-F).
- 0135-0150: "People and Places" (Deutsche Welle, West Germany). A program of special features in the West Germany news. Past features have included an interview with a former Luftwaffe general on the subject of reconciliation (right around the time of the Bitburg controversy), a new bank in West Germany that will loan money only to ecologically sound projects or for environmental improvement, and a recent update of the Luther Bible in German and the controversy surrounding it. (6040/6085/6145/9545/9565/11785; repeated for West Coast at 0535 GMT on 5960/6130/9545/9690/11705).

WEDNESDAY

- 0010-0030: "RCI Journal" (Radio Canada International, Canada). This is a special news magazine featuring stories of both political and human interest. Past features have included Canada's potential involvement in the "Star Wars" defense system (including tape interviews with both supporters and opponents), Canadian electronics industry's involvement with the Consumer Electronics Show in Chicago, and a dinner roast in honor of "Rocket Richard," a retired hockey player who many claim was the greatest of all time. (11960/9755. Repeated at 0200 and 0300 GMT on 5960/9755) (M-F).
- 0050-0110: "Radio World" (BRT, Belgium). This is a slightly different format than most DX programs. Instead of giving out as many tips as time will allow, the program features one or two stations and reports the transmitting schedules and areas served by time and frequency. Also includes propagation conditions. (5910/9925).

THURSDAY

- 0910-1100: "Soundabout" (Radio Australia, Australia). This is a program of Australian, European, and American rock music (including Madonna and Prince). Commentary between songs is brief and informative and occasionally expresses a critical opinion. The opinions I heard were usually in agreement with my own which means that Susan Dowling, who presents the program, must like the same things I do or vice versa. (9580).
- 0435-0445: "From the Land of Music" (Radio Havana, Cuba). A daily program with typical music of Cuba. Song titles are given in EG and SP. (6100/6090/6145/9745) (D). (Schulman, TN).

FRIDAY

- 2140-2200: "Thank Goodness It's Friday" (Kol Israel, Israel). The program usually features some aspect of traditional Jewish culture such as Sabbath Day music or an exhibit in an Israeli museum. The program always contains a five minute interpretation of Jewish law and traces its roots to the Torah or the Talmud. (9435/11655/15585; repeated at 0010 GMT on 9435/9815/11655).
- 0210-0255: "Africa Today" (Radio RSA, South Africa). This is a program of special news features affecting South Africa and its relations with other countries or with its own internal difficulties. Focus of the program is quite often on economics and industry, and it may include interviews with black South African leaders. As a purely personal comment, I find that this program takes an intrinsically interesting and controversial subject and turns it into pure boredom. (9615/5980/6010).

SATURDAY

- 0030-0100: "Baker's Half Dozen" (BBC, England). This is a program of six short pieces of classical music including arias. The names of the artists are given as well as pertinent recording information, but there is little analysis of the music itself. Good for those who like classical music. (5975/6120/6175/7325/9590/9915).
- 0150-0215: "Shortwave Feedback" (Radio Nederlands, Netherlands). This is a mailbag program that answers questions from listeners, plays song requests and tapes of those who telephone the station, and includes information about other Radio Nederlands programs. You can also use the program to relay a message to a SWL in another country. (6020/9895; repeated from Bonaire at 0250 GMT on 6165/9590 and for the West Coast again at 0550 GMT on 6165/9715).

SUNDAY

- 2101-2114: "World Service Short Story: (BBC, England). This program features short stories supplied by listeners. Stories should be original and unpublished. Topics are unlimited and they have included Maori statues in New Zealand and a garden wall separating a country to which no one can go -- except as a special guest. (15260--Schulman, TN).

0310-0330: "Shortwave Listener's Digest" (Radio Canada International, Canada). An excellent DX program for both the intermediate and the advanced DXer. Features include equipment reports (there is a special bi-weekly series on pre-selectors at present), propagation conditions, a telecommunications series on computers, and Glenn Hauser's DX tips. This is fast becoming my favorite DX program. (5960/9755).

Once again, that's all for this month. If you're listening to anything particularly good, particularly bad, or just plain mediocre, let us know. Until next month, good listening.

Cliff Balman

NASWA NOVICE by Gregory M. Bailey

As you may have read in the March 1985 issue of FRENDX, NASWA has been interested in writers for columns of SWL information. I have requested space in FRENDX to attempt to deliver useful information to beginners and other Shortwave listeners. I will try to stick to basic information, hints and tips for getting started. Some of the subjects I will cover are:

- a. GMT and You
- b. Basic Antennae Construction
- c. Tuning: Where, When and How
- d. Choosing Inexpensive Equipment
- e. Where and How To Find Further Information On Shortwave Listening

We at NASWA feel a responsibility to help educate anyone in need of SWL information, particularly newcomers. Without newcomers our hobby would have no future.

I'd like to begin with GMT and your QTH (location).

The time used for shortwave broadcasting is called Greenwich Mean Time or Universal Time. GMT gets its name from the Meridian of Greenwich which passes through Greenwich, England and is the first line of the new day. To prevent total chaos, shortwave broadcasters use GMT as their reference time. Your local time will differ from GMT according to what time zone you live in. If you are not certain of your local time/GMT relation, check WWV on 5.0, 10.0 or 15.0 MHz. Remember that this will change if your area goes on or off Daylight Saving Time, but it makes no difference if you're tuning Australia, Africa, England, or the good'ole U.S.A., GMT is the same everywhere, year-in and year-out.

GMT is based on a twenty-four hour clock system as in the military. For example: 7:00 A.M. is 0700 hours, 12:00 noon is 1200 hours, 2:00 P.M. is 1400 hours, 7:00 P.M. is 1900 hours, and 12:00 midnight is 0000 hours. I would suggest picking up a digital 24-hour clock for your shack or listening post. A separate clock set to GMT will make it easier to forget your local time when you are at your dials. It shouldn't cost more than \$10. - \$15. for this helpful assessor.

All listeners should keep a logbook containing the information necessary to find the station again and to satisfy the stations requirements for obtaining a QSL card. A typical logbook may have station, hour heard (in GMT), condition of channel location, Kc or MHz and remarks. Leave enough space in the remarks column for an address or program name.

Let me touch briefly on where to find more info on GMT and shortwave listening in general. I would recommend the following: The Shortwave Listener's Handbook, Revised 2nd edition, by Norman Fallon, published by Hayden Book Company, Inc., Rochelle Park, N.J.; the Complete Shortwave Listener's Handbook, by C.R.B. Research, P.O. Box 56, Commack, N.Y., 11725; and the A.R.R.L. Radio Amateur's Handbook, published by the A.R.R.L., Newington, CT. 06111. The A.R.R.L. also has a book list that is well worth your time and the stamp to send for it. If you don't have the cash to buy these publications, I would suggest your local public or school library. They should be able to get them for you if they don't have them. You'll be surprised how many good books you will find if you look! I would like to emphasize that just because I haven't mentioned a particular book does not mean it isn't good.

If you are just getting started with this hobby, be resourceful. Explore a ham fest or flea market to browse and talk with other shortwave listeners.

One other source I have found is Radio Netherlands, which has an extensive list of informative publications. To obtain the list and/or booklets that are free for the asking, write to: Radio Netherlands, P.O. Box 222-1200, JG, Hilversum, Holland. It also offers technical courses for shortwave listeners and ham operators. I have found this to be excellent information, easily obtained, and usually free, or at a modest price.

JAPAN REFLECTIONS

Bill Whitacre

The VOA broadcasts to many places in many languages. Different programs are based on different listener needs and the reasons people listen to VOA reflect this.

People in Eastern Europe and the Soviet Union listen to find out what is happening outside, and sometimes inside, their own borders, people in Central America listen to find out what the Great Giant to the north has done today and people in Africa listen to see if there is anything America can do to help them in their many problems.

People in Japan, though we do not broadcast in Japanese, listen to VOA to hear "Special English".

According to Japanese listeners I spoke with, English is the unofficial second language of Japan. Children receive four years of it at school, businessmen practice it diligently to sharpen their vocabulary for business advantage and English crops up more and more in print, mingling with otherwise Japanese text.

It is no coincidence that Japan is a literal mecca of young westerners teaching English to Japanese for 10-14 dollars per hour. Nor is it a coincidence that the American accent is preferred. It is with American citizens and businesses that most Japanese come into contact.

VOA Special English fills a special role for these Japanese. Since Japanese language broadcasts were dropped in 1970, Special English has served a dual purpose. It not only provides a way of keeping informed about the US, but also provides a free English lesson every morning and evening.

It's probably safe to say that in few other places is Special English more listened to than in Japan. DOMO ARIGATO VOA !!

(((((SoundWaves))))))

Editor: Paul Lannuier 25 MacArthur Ave. Closter N.J. 07624

Hello and welcome to the first of hopefully many articles that I will write for FRENDX dealing with one of the most enjoyable aspects of shortwave listening: Music Broadcasting. What I would like to do with this column is use it as a forum where listeners can write in and pass along tips and loggings relative to the subject of music broadcasting. In each column, I will write about a single topic such as a station, country, continent, type of music, or whatever. If anyone wants to suggest a topic, I'm all ears.

There is a tremendous amount of music being broadcast every day on the SW bands from all corners of the Earth, and, at almost any given time, one has a good chance of hearing whatever type of music he or she desires, be it Jazz, Latin, Eastern (Arabic), Heavy Metal, Top 40, Gospel, or even tribal chanting.

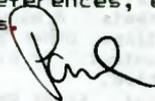
I cannot name one large international broadcaster that doesn't use this fantastic medium in order to lure listeners to their transmissions, be it a regularly scheduled program or just a few tunes between newscasts and other features. The music played by a big station will generally be intended for an overseas audience, and will not necessarily be what the people in that particular country are listening to. However, there is still a great deal of excellent music coming from the large broadcasters; and, thanks to high power transmitters, one can hear plenty of different types of music with relative ease at any time.

Smaller domestic broadcasters can be even more enjoyable to tune in to. These stations will be directing their transmissions towards a more specific, local audience; and, naturally, the music played by such stations will reflect the culture and musical tastes of the country or province in which the station is located. If you like authentic folk music, domestic stations are hard to beat. One of the biggest drawbacks, however, is that most domestic stations use low power transmitters, since the area of coverage is much smaller than that of an international broadcaster. After a 1 kW signal passes through the ionosphere a few times, much of the signal strength is lost due to ionospheric absorption. The lower the frequency, the more loss of signal strength. And, since most domestic broadcasters operate in the tropical bands,.....I'm sure we all get the picture. So, in order to enjoy the programs from these stations, one must have a fairly decent receiver, an even better antenna, and a good practical knowledge of wave propagation.

The beauty of music listening is that one doesn't have to shy away from a station that isn't transmitting in a familiar language. Plenty of my favorite stations never broadcast in English (which is my only language). Music transcends all language barriers: it is a universal language with many dialects. Even now, while I'm writing this, I'm listening to Africa No.1 in Gabon; and, although all announcements are in French, I still enjoy the upbeat tunes that are the trademark of this station. A few of my other favorites are HCJB (great Indian folk tunes); ORTS, Senegal (heard in these parts during late winter afternoons); the clandestine Voice of the Libyan People (as far as Arabic music goes, this is the best); and, being a hardcore Jazz freak, I am addicted to the Voice of America Jazz Hour. Also, although most of us would rather listen to WWV for 6 hours than hear about how wonderful communist life is, a great deal of decent European folk music can be heard from countries such as Hungary, Czechoslovakia, Albania, and other Soviet bloc countries, despite otherwise boring programming.

And now for what Stephen King would call "an annoying autobiographical pause"..... I was born 21 years ago and have lived in Northern New Jersey ever since. My interests in music began when my parents bought me a guitar for my 10th birthday. My influences at that time were mostly bands such as Deep Purple, Emerson Lake and Palmer, Yes, Uriah Heep, and other early '70's Rock n' Roll bands. From there, I started to get into more progressive stuff, and eventually ended up at Berklee College of Music in Boston, where I am presently studying Jazz Composition and Arranging. I became interested in radios during the CB radio boom in the mid/late '70's. After growing weary of the overcrowded 27 MHz band, I purchased a DX-160 from the local Radio Shack, and soon became a SW fanatic. My present equipment includes a Sony ICF-6500W, a Datong AD-270 indoor active antenna, an RAK Listener 59 antenna tuner, and the DX-160, which is still kickin'. So far this year, I have heard 61 countries, even though I don't get to play with my radios as often as I would like to. I am also currently studying for a ham ticket, which I hope to have before the end of the summer.

In closing, I would like to stress the fact that all reader contributions are both welcome and encouraged. Please write and tell about your favorite music programs or stations, listing the time in GMT, frequency, types of music heard, language(s) used, and any other details. I will be happy to hear from anyone, and all listings used will be credited to the contributor. Also, if you yourself are a musician, tell a little bit about yourself, your musical equipment, musical preferences, etc. So, until next time, good listening and 73's.



REMARKS

ANARC 85 UPDATE: Bill Krause is bringing the Computer Information Committee's collection of C-64 compatible software. I will be bringing "SML'S Database" and have put together the "FRENCH BBS" program specifically for demonstration at ANARC 85. FRENCH BBS is a bulletin board system patterned on the format of FRENCH. It is written for operation with a Commodore-64, 1650 Modem, one 1541 Disk Drive and a printer. The program is an adaptation of the public domain BBS "64 Machine" by Dave Little of Dallas, TX. Time and equipment permitting, FRENCH BBS will be made available to all interested convention goers free of charge. Bring along your own blank formatted 5 1/4 in. disk for a copy. For those who will not be attending ANARC, I will be happy to mail you a copy of the "FRENCH BBS". Just send a blank 5 1/4 in. disk and \$3 to cover postage and handling.

Ron Pokatiloff, author of THE INTERNATIONAL BROADCAST LISTENER'S COMPUTER PROGRAM, is attending ANARC. He will have a sample of his program for demonstration and will be available to take orders.

RECEPTION REPORT REVISITED: Doug McClure coauthor of Reception Report which appeared in the November CC has made the following program line changes to produce Spanish and French reports:

199 REM SPANISH REPORT

```
200 PRINT"ICLRJA RADIOEMISORA: ";TX$;PRINTA$;PRINT
220 PRINT"REMITE ";N$;PRINTYA$;PRINT;PRINT
230 PRINT"ME GUSTA INFORMALES DE MI RECEPCION EL ";D$;" EN O ALREDEDOR:"
235 PRINTF;"KHZ. ";:PRINT;FOR J=1TOZ
265 PRINT"HORA: ";T$(J)" (GMT)
270 PRINT"PROGRAMA:";P$(J)
275 PRINT"SINPO: ";S(J)
280 PRINT;NEXTJ;PRINT
302 IFI$="N"THENGOTO320
305 IFI$="Y"THENPRINT"HABIA INTERFERENCTA-- ";IS$
320 PRINT"LES CONDICIONES DE RECEPCION ERAN ";RC$;". "
325 PRINT;PRINT"MI RECEPTOR ES ";RX$;". ";PRINT"MI ANTENA ES ";AN$;". "
333 PRINT"SU VERIFICACION (POR TARJETA O CARTA)SERIA MUJ APPRECIADA"
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199 REM FRENCH REPORT

```
200 PRINT"ICLRJAU POSTE: ";TX$;PRINTA$;PRINT
220 PRINT"EXPEDITEUR ";N$;PRINTYA$;PRINT;PRINT
230 PRINT"J'AI L'HONNEUR DE VOUS RAPPORTER MA RECEPCION LE ";D$;
231 PRINT" SUR OU ENVIRON:"
235 PRINTF;"KHZ. ";:PRINT;FORJ=1TOZ
265 PRINT"HEURE: ";T$(J)" (GMT)
270 PRINT"PROGRAMME:";P$(J)
275 PRINT"SINPO: ";S(J)
280 PRINT;NEXTJ;PRINT
302 IFI$="N"THENGOTO320
305 IFI$="Y"THENPRINT"VOUS SUFFERZ D'INTERFERENCE-- ";IS$
320 PRINT"LES CONDITIONS DE RECEPCION ETAIENT ";RC$;". "
325 PRINT;PRINT"MON RECEPTEUR EST ";RX$;". "
326 PRINT"MON ANTENNA EST ";AN$;". "
333 PRINT"JE VOUS REMERCIERAI SINCEREMENT VOTRE VERIFICATION ";
334 PRINT"(PAR CARTE OU LETTRE)"
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XXXXXXXXXXXXXXXXXXXX

NEXT MONTH: Propagation Prediction a prime computer function.



Editor: T.J. "SKIP" AREY, WB2GHA, P.O. BOX 45, Beverly, NJ 08010

NEVER VOLUNTEER FOR NUTHIN !!! Somehow I just knew that if I hung around the publishing committee long enough something like this would happen. Allow me to begin with a few thoughts.

While I am the "Technical" editor of this technical column, I am surely not the most technically minded or electronically trained member of NASWA. Saying this up front means I am depending on all of our membership to provide input to this column and technical expertise to meet its needs. This is not limited to the engineering giants of our hobby but also beginners are most welcome. If you are new to the hobby or new to electronics and you have worked out a problem or come up with an idea, please share it with us through these pages so other beginners (and experts) can share in what you've learned. Send your input and information to: SKIP AREY, POB 45, BEVERLY, NJ 08010.

When I offered to take responsibility for this column, Bill Oliver explained that the column would benefit from more receiver reviews. I agree, but once I've reviewed my R-390A and my Panasonic RF-9 I find myself out of receivers to review. This presents two possibilities:

- 1) You can carefully pack up your various receivers and ship them to me (return postage included) and I will be most happy to review them. I may even return them in a reasonable period of time if they don't impress me.

OR

- 2) You could write a review of your impressions of your own receiver. And guess what! your review does not even have to be of a totally technical nature. Just tell us if you're happy with it and include a copy of the specifications or manual and we do the rest.

As you can see I will not be running a "My receiver can beat up your receiver" format. I had just as much fun with my long departed DX-160 as I do now with my R-390A. I simply want to know what people are using, if it works for them, and if others might be interested in using the same receiver for similar reasons.

So much for the soapbox... On to topics most technical and useful.

ICOM WARNING!
ICOM WARNING!
ICOM WARNING!

TO ALL OWNERS OF R71,751,271 or 471 ICOM RECEIVERS AND TRANSCEIVERS.

Robert S. Parnass, AJ9S, Technical advisor to the American Radio Relay League, has made an important discovery which he reports in the June 1985 issue of QST magazine.

It seems that all of the above listed gear use a similar memory plug-in board for frequency control. This common board is powered by a small long life lithium battery. Disconnection of this lithium battery (even momentary disconnection associated with its replacement) allows the RAM (Random Access Memory) IC's to lose their memory. The amnesia is not user-reparable. The only cure is to return the board to ICOM for reprogramming. This reprogramming will also be necessary when the lithium battery runs down at the end of its seven year life. Remember that the seven years began at the factory not the day you purchased the receiver. Parnass confirmed this malady with the technical folks at ICOM.

Theoretically, a RAM based board is a neat feature in that it can allow for changes in band structures in the amateur radio frequencies. When a new band opens up due to a WARC decision or FCC deregulation, no sweat, just send the board back for new programming. But a general coverage receiver such as the R71 covers all of the HF frequencies so I wonder why ICOM didn't go to ROM (Read Only Memory) chips for this receiver. Perhaps it was a manufacturing cost decision made by the bean counters up in accounting.

This problem does not detract from the overall performance of this generation of ICOM hardware but it does mean the owner needs to keep apprised of the policy and procedure for returning this board, up to seven years in the future when receivers of comparable performance will probably be built into our wristwatches.

The Parnass article did not mention the R-71A. I will try to contact ICOM on this but we might get a faster answer if someone out there in NASWALand could look in their manual and see if the frequency control board is lithium battery supported.

Its not that anyone forgot but I would like to take a moment here to once again thank Jim Herkimer for his expert service as editor of this column. I first came into correspondence with Jim through the articles he contributed to my newsletter The R-390 Journal (now called the Hollow State News). Jim's competence and expertise as an editor will be missed but rest assured I will attempt to prevail upon him to be a regular contributor to Technical Topics.

Jim Herkimer supplied us with a few bits of left over information to help get my editorship off the ground. One piece of information I found useful came from Charles Bolland. Charles writes:

" A few months ago I sold my Yeasu FRG7000 at a Hamfest. I hadn't been using it since I began using my ICOM R70. However, the FRG7000 has a clock on it which can be set for UTC time and local time. I was still using the clock on the 7000 for getting the time of my loggings. After selling the FRG7000, I was lost without the clock.

After using my wristwatch for a period of time, I discovered the Radio Shack "Stick-on LCD Calendar Clock" part #63-840. It cost only \$3.88. I bought a few of these and mounted them on a wooden stand that I had made. They have tape on the back to mount the clocks. Now I can set the clocks for UTC, local, or any other times I may need. I never lose the time when the power goes off as I did before with the FRG7000 clock. These LCD clocks are very accurate and above all inexpensive. Anyone who doesn't have a time source now should consider making what I call the "Bolland Timer".

Thanks Charles. I can't help but add a little black humor and say that you should put lithium batteries in the Bolland Timer so you will know when to send the R70 back for reprogramming.

Another good source for these little clocks is any one of the national chain discount stores (K-Mart, Bradlees, etc.). You can find these little clocks for under two dollars if you look around.

Well the first column is always the hardest. The next will so much better because it will be full of information sent in by the membership of NASWA. Keep those cards and letters coming folks.

73,

Skip W B2GHA



JULY 1985

[Last month's LN should have been headed JUNE, not MAY]

Listeners Notebook

GLENN HAUSER, Box 490756, Fort Lauderdale FL 33349

PROPER CREDIT

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AFGHANISTAN Kabul now ancg 4 fqs at 1900 EG -1930, 11960 9665 7310 and best 7320 (Arthur Cushen, May NZDX Times) R Afgh svcs in Pashto/Dari, GM & EG at 1730, 1830, 1900 resp now hrd on 11880 9665 (WBI 6/6) Presumed Soviet relays (gh) R Afgh in unk lang 25/4 *1230 on 11835, flut IS, s/on by M, ID, nx, weak, 22332 (Gary C Hickerson, Ft Smith AR)

ALASKA KNLS has retimed Eu svc eff 11/6: RS on 11780 03-05; EG 11960 05-06. Eff 1/9: EG 07-0930 9555; RS 0930-12, CH 12-15 on fq TBA, to As. Eu RS 15-1730 & EG 1730-20 7355 (Bill Matthews, Columbus OH) But perhaps the recent change will influence the S85 by then (gh)

ALGERIA On 9640 2007-2030* EG nx, mx tones betw items; summary of main points at 2013. "We come to the end of the news from R Algiers" then "Review of the events of the week" produced by intl svc. 2018 rock mx, TC 21 past 20h GMT; ancd // 15160 & 9510 not hrd but 17745 was at 3+53+ while 9640 @ 2+32+ (Richard A D'Angelo, Wyomissing PA, 27/5)

ANGOLA 4945, presumed Malanje, w/net pgm // 4885, 2105-2300+ 23/5, extended sked; on 25/5 Luanda 5365 not audible in 2215-2300 period (Bob Padula, June ADXN) 4947, Luanda, nx headlines 2100, ID 2102, MOR songs; 25/5, 5365 inaudible so this could be it (Craig Seager, ADXN) 4950, Luanda, appears R Nac ex-5365, 26/5 & 27/5; when on 4945 and 4950 resp! Noted in 2120-2200 period 27/5; 26/5 was relayed on 4885 -2300+ w/spl extended svc (Padula, ADXN) Obviously drift ing arnd this fq (Mike Willis, ADXN ed) R Nal de Angola on 4942a 2/6 0100 w/ID sounding like R Librigada or Liberdade, or Novedade (Fredrik Dourán & Arnstein Bue, Sweden, SWB) Currently active Ang regionals are Lobito 7272, Zaire 4885, Kuando-Kubango 4780, Lunda Norte 4770, Benguela 5044 & 6152, Huila 3994, Namibe 5403 (R Ginbey, RSA, via Finn Krone, AWR, via Jun WDXC)

ARGENTINA R Rivadavia hrd 10/5 0145 on 4470 //4588! F-G; attn. what's going on? Bolivia on 4472 an hour earlier (S Nuzzi, Italy, Play-DX) Movima, i.e. Morg, Last Minute Information

AUSTRALIA Wed & Thu 23-04 RA pgms were off the air, just mx as staff was on strike while discussing impending cuts (R A Talkback 16/6) J85 EG svcs: As 00-01 15240 S100 308°, 00-09 1539 C250 347. 01-09 17750 D250 303. 01-0910 17715 D250 003 & C100 325. 09-11 17830 C250 325 & S100 308 on 9770. 11-1330 9770 C250 325. 12-1330 7205 S100 310. 12-1530 9580 S100 308. 14-1530 6035 C100 325. 1430-1530 7205 S100 310. 1530-1730 7205 C250 325. 1530-21 6035 C300 325. 18-21 7215 C250 325. 22-24 15240 S100 308. PNG 01-0730 15165 355, 09-10 11800 355, 11-13 on 9710 355 & 6080 005; 14-16 9710 355, 14-2130 6080 005, 20-2130 9620 355, 22-01 15160 355, 23-0230 17725 342, all S100. "Widely-used Regional English" 08-10 (followed by Neo-Melanesian 10 -11 "1 1/2 hours per day [sic]") on 9760 S50 353, 6080 S100 005, 5995 L10 050. Pac 0130-0840 1191 S100 118, 02-0530 17795 S100 065, 03-06 15160 L10 053, 04-07 15320 S100 073, 07-21 6045 L10 10 0730-0930 11720 S100 063, 08-2030 6060 S100 063, 08-2130 9580 S100 063, 11-20 5995 L10 050, 18 21 7215 S100 128, 21-01 17795 L10 065 & 15160 S100 053 [ambiguous; previous practice would have these reversed], 21-0730 15395 S50 073, 22-01 15320 S100 073, 22-0630 15240 L10 110, 22-0730 15240 S50 128. Eu "maybe" 07-0840 11910 07-0840 S100 118, 18-21 7215 C250 325 & 6035 C300 325 Nam "maybe" 02-04 17795 S100 065, 08-14 9580 S100 063, 21-01 17795 S100 065. C=Carnarvon, D=Darwin, S=Shepparton, L=Lynchhurst, each followed by kW power (gh) & beam azimuth

More news on projected Northern Territory SW svc: expected on-air date later in 1985, 3 x 50 kW at Alice Springs, Tennant Creek, Katherine. Estimated coverage of each is 450km in all directions. Pgmng originates in ABC studios in Darwin & Alice Springs, essentially same as MW pgms over 8DR 8AL 8GO 8JB 8KN 8TC. Plans to incl segments of spl interest to people in remote areas. Estimated cost of new svc, \$3.8 million. Two main advantages will be ABC pgm available thruout NT and to people using inexpensive xststor portables. Fqs'll be in 120mb during nite & eve, 49mb day. In later years when sunspot activity increases, may change to 90mb nite/morn, 49 or 31 day. Each of the three new stns'll be allocated 2 fqs, and changeover frn morn to day ch'll be arnd 8am local [2230 UTC]; evening switch arnd 6 pm [0830] (Rodney Norris Sydney, June Australian DX News)

AUSTRIA ORF found in EG at unsked time 0630 Tue 28/5 on 15410, 6155 & ancd 6000 w/"Austrian Coffeetable" pgm normally hrd Sundays; fluke? Also, ancd 6/6 that from 15/6, 6155 to Eu/NAF 'd open at 04 ex-05, to incl EG 0430. Later checking printed sked, for J85, fq portion shows usual GM at 0630 but new EG at 0530 when fqs are 9635 6000 6155 15410; whilst pgm sexion does show EG at 0630 so the 0530 listing probably in error. By the way, the so-called NAM s/vc at 1200-1300 on 15320 also puts a tremendous signal into Britain (gh, UKOGBANI, late May/early Jun)

BAKGLADESH [Cf Jun LN & LMI] R Bang now using 9855 11555 EG 1815-1915 Eu; 11555 is slightly better w/9855 suffering slight QRM de Athens 9860 (Edwin Southwell, Jun WDXC Contact) BG to Eu 0630 & V Islam 07- on 17670 15585; 1230 EG 17665 15570; AR ME 16, BG 1630-18 on 13670 9945; 1815-1915 Eu EG on 9855 & 11555 is irregular; all these are 250 kW xmtrs (Noel Green, UKOGBANI, RCI SWL Digest 2/6) 13670 13/5 1735 was best sig on 22m for about half an hour; hrd since 1/5 at levels varying from weak to readable, anywhere from *1600 to 1801* (Ed LaCrosse, Redding GA, 22/5) R Bang, EG 1245-1300* 10/5 on 15571, ID, mbg, addr as P O Box 2204, Dhaka; mentd 9830 at s/off; P-F w/QSB, QRM de USSR 15570 (Dave Valko, Dunlo PA, OMDX DX Log)

BELGIUM Free radio stn R Delmare at time of writing was in trouble as had to pay high fine to courts at monthend, 120 kilofrancis Belgian, and they only had 45K despite donations from listeners. If fine not paid, eqp'd be seized to pay it and ops'd go to prison. Asked listeners for further donations saying you should pay for this just like for natl radio, not fully logical. Were continuing nite xmns to NAM Suns 23-03 on 9070 & also possibly 19mb; had reports from Gabon. Also arnd *0400 for NAM on 6205 (Mike Barraclough, UKOGBANI, Jun WDXC Contact)

BELIZE Don't you believe Don Jensen's report on RCI SWL Digest 15/6 that the new VOA relay here, per La Jornada, México, would cost \$42 billion. It's million, of course. I hate to mention this, but I checked the tape four times and I'm convinced he did say billion, a considerable error, kilofactor (gh)

BENIN DS from Cotonou of ORTB, V of the Revolution on 4870 30 kW weekdays 04-08, 1055-14, 1555-24, wknd sked not available; incl FR nx 0615 1215 1930 2115; EG 2000-2015. Regional stn at Parakou on 7190 & 5025 may ocly relay Cotonou (WBI 23/5)

BHUTAN Info from R NYAB printed sked signed by Louise Dorji, Deputy Dir: Started in 1973 as weekly entertainment pgm in EG; now thrice weekly in 3 regional langs + EG: Wed & Fri 3395 in natl lang Dzongkha 11-1230, Sherchopkha--spoken in E Bhutan 1230-13, Lhotsam (S Bhutan) at 13-1330, EG 1330-1400. Sun on 7040, Dzongkha 06-0730, Sherchopkha 0730-08, Lhotsam 08-0830 & EG 0830-09 (via P Banerjee & S Ghose, Asian DX Review of Indian DX Club Intl, April)

BOLIVIA R Ibaré on new 4960.6, 1/6 0424+ M w/fútbol, local ads, ID, weak w/some fading, RTTY . ute splat. Previously noted as UNID after Federación s/off but this is first and only time above threshold; usually plays trop mx (W J Parks, DX S Florida 20/6)

Complete list of La Paz SW stn activity: R Panamericana, 6105, 1030-04; QSLs; important pgms: 0230-03 Bolivia en Antena, 03-0400 Panam. al Mundo. R Fides, 4845, 11-1730 & 2230-03; on 6155 09-03, QSL via Casilla 5782. R La Cruz del Sur, 4875, 10-13, 15-17, 18-23, QSL from Casilla 1048. R Illimani, 4945 & 6025 at 09-04; doesn't answer all reports due to economic situation. R Nueva América, 4796v, 10-1430, 22-04, QSL via Casilla 2431; interested in reports since recently changed ant [see below]. R Nueva Stantor also wants reports on reactivated 6195. R Cristal, 5005, Casilla 5303. R Altiplano -- may reactivate; last fq was 5045. R Batallón Colorados is inactive on 6185, no plans to return. R Progreso recently react 6005, wants reports to Casilla 4342, QSL. Some interior stns: R El Espectador inactive on MW 1485, & SW outlet which was to be installed in Betanzos was put in Potosí w/the MW for tech reasons. 5910 recently activated and also known as LV de las Alturas to 0300* & MW seems used too. R Urkupiña, in Manchir, dept Oruro, on 4300 in Jan, off in Feb & Mar, back at beginning of Apr but w/ irr. R El Cándor, location unk, in Potosí dept, seems, 4855 9/4 0030 but not lately, R Sebastián Pagador [?--trying to copy unfamiliar names off the air w/one hearing] in Huarí [?] Oruro dept, 26/4 2200 on 5020 (Emilio Pedro Povrzenic, Argentina, RN Radio Enlace 7/6) + LMI!

R Nueva America, 4796.7, always hrd 23-0403*, F-G, spectacular sigs, dominating (R Borelli, D Monferini, S Nuzzi, C Dondi, C Zella, R Pavanello, Italy; B Gruendl, Germany, Play-DX 13/5) - R Panamericana, 6105, hrd 1/5 0031-0040*, strong het on high side so I guess off-fq. Several "Panam-american" IDs, short talk abt Reagan embargo of Nicaragua, s/off anmt w/IDs, "el corazón de Sudamérica". My first positively IDed Bol! (Chris Bagge, Springfield MA)

Interesting article on Bol economic situation in 4/4 El Mercurio, Stgo, Chile. 72 parties'll contest the 14/7 elections; 1984 inflation rate 2700%. For first 3 months of 1985, equivalent of 3500% annual. Could reach 120,000% by end of 85. What you pay today in La Paz for a package of cold tablets, three years ago would have bought you a brand new sports car. Plays up possibility of leftwing coup, either by leftist mil elements or a united mner/campesino front (Don Moore, visiting Chile)

BOISWANA RB measured on 3356 10/5 0141-0148 w/M talking and W vocals, F // 4820 (Don Moore @ Gabriel Iván Barrera's, Buenos Aires, Argentina) I assume you slipped into local time GMT-3

BRAZIL RNB ES may close in August; it has no studio and has to broadcast out of a continuity room instead; all nonessential svcs are being cut; no spare parts and this has lowest priority; not so the Amazon s/vc on SW which is quite safe (Roberto Levinstein, Madrid, RNMN 30/5) Time to start writing the ambassador in Washington; check 11745 at 0200 to see if it's still there (gh) R Nac hrd on 19360, 2 x 9680 which was strong, 18/5 2315, 23232, M&W in PT, folk mx, ID (Gary C Hickerson, Ft Smith AR) Now there are 4 SAm stns w/JP pgms: R Presidente Prudente, 5045, has "Hora Nipónica" M-F 00-01; also mx in JP Sats 1530-1630. Others are R Libertad, Santa Cruz de la Sierra, Bolivia; R Gazeta, São Paulo; R Caritas, Paraguay=never hrd here (Emilio Pedro Povrzenic, Argentina, RN Radio-Enlace 7/6) Not to mention HCJB (gh) more, LMI

CAMEROON Per QSL from R Cameroon, Doula [sic] stn now uses 7150 100 kW along w/4795; R Bafoussam listed on 5000, 20 kW and 5955; 4000 kHz not ment'd (Andrzej Adamczyk, Poland, SCDX print 14/5) SCDX spelt it several more times as Doula but as far as I know it's still Doula (gh)

CANADA Couldn't find As It Happens 8/6 on 5960 at 0130 so listened to it via CKZU 6160. Tried 5960 again about 0145 and found RCI on the air w/Iraq-type warbler under it. Have noticed this jammer under SWL Digest several times, but not behind AIH hrl today; anyone know source & purpose of this jamming? (Mark L Williams, Emmett ID) RCI hrd on 15715 0200 29/5; feeder, harmonic, or what? (Chuck Oliver, Spring TX) Most likely, a what?(gh) More, LMI

CHINA Tianjin 3rd stn hrd 16/5 on 8400 // 10725 at 1400, starting out w/mx, ID in Beijing accent, mx; my Mandarin-speaking interpreter Duyen Nguy says pgm started w/EG lit class, referring to Vol 69, Chapter 36, and that 23/5 & 31/5 they'd review ch 37 + 38; xltng EG lit into Chinese; then kept repeating the number 60136, beeps, back into lit, back to numbers. A year ago a Chinese speaking minister told me it was a spy stn; also of Feb FRENDX under TAIWAN re a Golden Star Broadcasting on 8400 arnd the same time. On 20/5 hrd half hr bc at 1400 on 8400 followed by code or RTTY; same ID as 1500 bc but shorter; 1500-1545 bc last year is close to one hour this year, then mx, ID 1600, and I think same pgm as 1500, but can't verify because of noise & prop. 21/5 1400 on 8400: interpreter determined that "96103" ment'd in connexion w/lottery drawing; would acc winner at same time Fri, a number close to that so hang on to your tickets; then EG lit xtd into CH, then number 96103 repeated backwards, w/beeps; code after 1430; 1500 bc produced ID Tianjin Guangbo Diantai --- Pai (meaning cards) and she said "why that's like Reno" w/gambling show her Chinese aunt used to listen to. Backwards number again 30169. Duyen doesn't understand what part the EG lit plays. Hope to monitor and tape more to clear this up. Other number read was 95926; she says pgm is boring. 23/5 1400 pgm, they did announce winner at end, thanked listeners. Bob Palmer in Spokane IDed the following code as ships, so no spy msgs; and no ment'n of Golden Star BCing. More monitoring needed f'm others in NAM (Bruce MacGibbon, Gresham OR)

NCNA (Xinhua) reported a meeting abt exchanging experiences in being to natl minorities & marking 35th anniv of such by Central BCing Stn ended in Peking 22/5. Mgmt from 16 prov & autonomous radio & TV stns, local Min of R&TV reporting stns and depts concerned w/State Nationalities Committee in Peking and Shanghai and other places, had attended the 6-day meet. CBS'd begun bcs in Tibetan 22/5/50 'in support of peaceful libn of Xizang[Tibet]'; Aug 1950, after starting bcs in Mongolian, CBS also inaug'd Korean, Uighur, Kazakh, Zhuang. CBS now bc 10+ hpd in these 6 minolangs. Per stats, local stns incl some prefectural & city stns in 8 provs and auto regions (Heilongjiang, Inner Mongolia, Xinjiang, Qinghai Xizang, Sichuan, Yunnan, Guangxi) bc in 16 minolangs (WBI 30/5)

R Beijing in EG: 0830-0930 & 0930-1030 ANZ 15195 11755 11455 9700. 11-12 ENAM 11860. 12-13 ENAM 13650 11860 11650 6825; SEAs 15280 11755 11660 11600 9535 9390. 13-14 SEAs same. 14-15 & 15-16 SAs 15165 11600 9390 4200. 16-17 E&SAF 11600 9570 4130; 17-18 E&SAF same + 8260 [2 x 4130]. 19-20 & 21-22 EU 11500 9860 8260 4130 1930-2030 & 2030-2130 NGWAF 11905 11515 9440. 00-01 ENAM 15520 15385 11970 9390. 03-04 WNAM 17795 15520 11970 8425. 04-05 WNAM 17795 11970 8425 (WBI 22/5) Actually in 30/5 issue

R Beijing Esperanto: 11-1130 Jap/Kor 11600 9480. 13-1330 SEAs 15470 11725 6825. 20-2030 Eu 9965 9365 8450 7470. 2230-23 Lam 11995 11515 9820 (WBI 22/5) R Beijing has 55-min Russian hourly 15 thru 23, 03, 10, 11, 13; and at 03 reversed tape on 9335 8260 (WBI 30/5)

R Beijing in EG on 9390 12-1455, G, not ancd, feeder? (Robert Chester, SA, RA JP IX 2/6)

COLOMBIA Many stns are off the air. To mention some: 4755 Caracol Bogotá, 4775 R Kennedy, 4815 R Guatapurí, 4835 R Buenaventura, 4855 R Neiva, 4875 La Voz del Norte, 4905 Emisora Atlántico, 4965 R Santa Fé, 5010 R Surcolombiana, 6015 R Mira, 6040 LV del Tolima, 6045 R Melodí 6095 LV del Centro, 6105 R Visión, 6120 R Super-off mid 1984, 6125 R Continental, 6150 R Reloj ex-LV del Huila, 6170 LV de la Selva, 6195 LV de Cali. I visited R Súper, Cali. SW xmtr off the air since last year, has been dismantled. W/CE César Machado reviewed dozens of reports, all of which have been left unanswered due to lack of staff. Reports seen from Scandinavia, Germany, Austria and Italy, but also one from Hungary, reporter stating Kenwood 600 as a receiver. Also reports from US & Canada, NZ, South Africa and Japan, as well as one from Kiribati. CE dreams of putting a truly intl SW stn on the air beaming pgms to overseas countries.

Unauthorized Colombians hrd in Ecuador: 3705, Emisora R Lux, Guachual, Nariño, giving telephone as 40086, hrd w/phone req pgm 15/9/84, arnd 2200; also in 1983; not hrd since owing to change of rx, new one unable to scan this fq. 3837, R Cultural, LV de Celendín, also R Cultural Celendín, Barbacoas, Nariño, hrd 18/5 & 19/5 w/salsa dura for abt 2 hrs arnd 2300 incl Rubén Blades, Oscar d'León, El Nené y sus traviesos, Grupo Niche, etc. Humming audio but power fl signal. 6350, LV de Samaniego, believed to be in Samaniego, Nariño, G sig arnd 0000 19/1 27/1; Latin oldies nonstop. A few of the numerous harmonics hrd in Ecuador: 12236 LV del Llan 2 x 6118 in Feb 85; 12320 RCN 2 x 6160, 17865 LV de los Centauros 3 x 5955.

Stns relaying CARACOL and RCN pgm identify in conjunxion w/local spots at following apx UTC hours: RCN: M-F (local days) 5' breaks at 0955, 1050 (10'), 1125, (....) 2225, 2325, 0025, 0055, 0125, 0155, 0225, 0425. Sat 0955, 1055, 1125 (....) 2225, 2255, 2325, 0155, 0255. Sun 1155 (....) 2255 2355, 0055, 0125, 0225, 0255, 0355, 0455. Breaks during local daylight hours not ment'd. CARACOL: Mon-Fri 5' breaks at 1055, 1127 (3'), 1157 (3'), (....) 2225, 0030, 0230, 0255. Sat/Sun sked not available; breaks in daylight not ment'd (Henrik Klemetz, Cali 29/5 & 1/6) 5955, unID CARACOL, F w/ads 0905, long talk pgm, 0950 mx, 1000 ads to 1010+; perhaps Caracol Carreño up from 5936/40 etc? (Dene Lynneberg, Pukerua Bay NZ, May NZDXT) Maybe LV de los Centauros which is CARACOL these days (Harry Weatherley, DX Australia ed.) more, LMI

COOK ISLANDS R Cook Islands, 11759.4, continuous log taken for 0455-0815 period [date missing] Variety of pgm material hosted by soft-spoken W ancr w/mix of pop & some segments of island mx. Chatter mostly in Maori w/scattered bits of EG, as well as some specific EG segments. Instl versions of 'The Last Dance Forever' and 'The Air That I Breathe' played to 0500 when TC for 7:00 (GMT -10). Kid segment w/fairy tale Cinderella to words (in EG) & mx 0515-0525. Possible PSAs in lang at 0530 w/ments of a number of anglicized individual names, then back to mixed mx format. EG TC for 5:8 'before nx' at 0552 and presumed nx in lang 0602-0620. M in EG 0625-0645 w/'Spotlight on Sports'. Lcl birthday annts in EG 0650. Possible nx w/EG bits 0700 after 'orchestral drum' fanfare lasting about 15 secs Mixed mx to 0800 when EG wx (NE winds & showers). Tuned out at 0810 when played 'I Just Called To Say I Love You', Stevie Wonder's current pop hit. G steady sig from initial t/in to abt 0630 when gradually weakened but then held at weak to fair level past 0800. Moderate het from 11760 (but no sign of the Cuban!) so readable best using ECSS-LSB [sic]. 22/5 [oh, there's the date -gh] Again at G strength 26/5 0500-0710 w/similar format exc 0500 10-min devotional of relig mx & talk in Maori; 0705 TC/ID "5 mins past 9, Radio Cook Islands time". 28/5 0500-0600+: TC for "7 o'clock on Monday nite" at 0500, again brief dev w/prayer, W w/EG ID 0505, fqs incl "11760 MHz in the 25 m band". Same F-G sig w/het. This nite, however, BBC WS (Cyprus) showed up at 0600 w/EG nx at G strength, covering Cook tho latter was still more or less readable on LSB; this may or may not now be regular but the 0430-0600 period should yield the desired results (David M Clark, Thornhill Ont, DX Ontario) Power on 11760 raised from 500 to 1000 watts (Arthur Cushen, SCDX 18/6)

COSTA RICA, CURAÇAO LMI
CUBA RHC now using 6100 for EG to NAM, 9/6 0500 // 6090, also ancd 9745 11725. Off at 0600. Also noted beginning EG nx 0700 but xmtr went off air in mid-sentence 0709; carrier returned at 0712 and when I fell asleep arnd 0745 it was still just OC. Next night, back to normal. I notice RHC, besides their apparently beefed-up EG to NAM sked, is including more US-domestic stories in its xcasts. Current ancrs, certainly, are more 'American' sounding than their predecessors (David R Alpert, NYGNY) R Havana 26/5 & 27/5 on 6100 *01-06*, VG sig // 11725; 6140 until 0450* & 6095 from *0330. Wait a minute: 28/5 6100 s/on was 0000; at 0100 ancd the above fqs plus 9740 to NAM (John Norfolk, OKCOK) RHC, now on 9740 & 6100 // 6140 makes for tough listening to HCJB at night [qv] (Charles Weiss, S Euclid OH, 30/5)

R Havana increased EG to NAM by one hour a day; EG now start 0000 rather than 0100; 0000 annts say this is on 9740 & 6100; but also hrd on 17795, previously used for SP to IAm; at 01, the 3 join regular EG chnls 11725 & 6140 until 0450, EG continues to 0600 on 11725 only (WBI 30/5) R Havana ancs EG to N/C/SAM/Carib: 00-01 9740 6100. 01-0330 11725 9740 6140 6100. 0330-0545 same plus 6090. WNAM now on 9525 at 06-08 ex-0630-08 (WBI 6/6) 0000 start long overdue anyway as 9 pm is a bit late in EDT; obviously reaction to R Marti; US nx media apparently misused the boat on this story--but then, who cares about SW? (gh) 25/5, 0500 before WRNO could ID & s/off RHC 6185 came booming in on fq, mx, mx, commentary, SINPO 45--4 (Rusty Serenberg, FL) RHC on 12200 30/5 0230 nx in EG; same on 12280 but better [2nd harmonix]; on 13380 6/1 0100, EG fq anmt but couldn't reconcile this w/any of them (Chuck Oliver, Spring TX) more, LMI

RHC nightly since 4/6 on 3640 0359-0506+ in EG, ancd normal SW fqs. 0410, audio broke up and familiar SP W 'spy' voice hrd w/'Atención, atención, atención' then back to RHC. Maybe xmtr mixing product (Terry L Krueger, FL, QMDC DX Log) 9740 minus 6100 = 3640 (Krueger, DXSF)

CHILE Visited R Nacional & had nice tour by Fernando Cuevas, the v/s. He works in the ad sales office and answers reports simply out of personal interest; otherwise it would go undone. The old V of Chile studio is just collecting dust, as are the antennas & xmtrs outside Stgo. Little chance of ES returning in nr future. Too bad. Tho I don't approve of the govt, Chile is a beautiful country w/a rich culture. Also, that eqp could make a good relay into SAM for someone else. # Rpts for R Agricultura should be sent to: Carlos Toledo Verdugo, Casilla 166, San Fernando VI Región, Chile. Enclose 2 IRCs or one US \$. DX pgm on R Ag no longer on air, nor is one on R Patagonia. Listened several morns to R Santa María, 6030. Mainly plays pop mx but has some vy lively ancrs & w/lots of lcl listener participation makes fun laid-back listening. R Patagonia 6080 also on in morns (Don Moore, visiting Chile) more, LMI

DENMARK [Cf Jun LN LMI] RD moved to their alt fq for NAM 23-2352, 9715 ex-6140; I've written to Erik Kjøle, suggesting they try clear 9770 or 9775 since France is QRMing 9715 to As in FR. Other monitored changes: 12-1252 SEU/WAF 15180 ex-15135; 18-1852 SAs/ME 15165 ex-15120. These went into effect 24/5; and 19-1952 SEU/EAF 15165 ex-11750 (Joe Hanlon, Philadelphia PA, 28/5) Returned to 6140 for ENAm 23-2352 after unsuccessful try w/QRM on 9715; another monitored fq ch is 9740 ex-9770 for SEU/NAF 215° at 2030-2045 M-F w/HS nx (Joe Hanlon, PA, 18/6)

EARTH The R Earth situations of 17/6: regular weekly tests via R Milano Intl, ITALY, start 7/7 and every Sun thereafter at 08-10 w/new 'The World' pgms, mainly sponsored by Curaçao; also Sat nites on their MW channel [7295 & 1301]; and non-test full sked begins 1/9 08-15; hopes to get back other Curaçao sponsor and many more. The projected CURAÇAO transmitter will involve three separate corporations; site there is at the NW tip of the island near West Point, on govt land. As for an interim outlet to get back on the air for NAM listeners, negotiations w/V of NICARAGUA were going well and if approved quickly a start of 1/7 was possible [presumably on 6015, time unk]; reluctant to use Ecos del Torbes, VENEZUELA, 4980 now due to high summer static level impeding reception; COSTA RICA's Radio Reloj was still interested and was checking on possible new fqs for carrying R Earth; communication w/R Impacto was difficult; and R Columbia was asking too much (via Jeff White, R Earth) External bcng on the tropical bands is strictly against ITU regulations; it's about time SWLs supporting R Earth & complaining about ute QRM to trop band bcers, and to OOB SWBCers, realized this (David Newkirk, WA) Yes, but Earth would merely be a pgm on an existing facility (Torbes) not deliberately beaming to NAM & presumably w/out making any technical changes to do so... (gh)

ECUADOR Following stns, not hrd for months, believed inactive: 3240 R Turisimo, 3270 R Cosmopolita, 3290 R Panamericana, 3300 LV del Santuario (off in 1982), 3340 R Tropical, 3515 R Centro Gualeco, 4656 CRE, 4750 R El Mundo, 4780 R Atahualpa, 4785 R Once de Noviembre (off 1982) 4815 Canal Manabita, 4835 LV del Valle, 4860 R Mundial, 4895 Ondas Orenses "CRO", 4950 R Costa Azul, 4990 R Pillaro, 5040 R Nal Espejo, 5950 R Cuenca, 6140 R Visión (off 1980?), 6524 LV de la Juventud. Harmonics hrd in Ecuador are numerous; a few: 6573 Rdf Tarqui (2 x 3286.5), 676 R Iris (2 x 3381.5), 9601 R Popular, Cuenca (2 x 4800.5) (Henrik Klemetz, Colombia, 29/5)

Rdf Cultural LV del Upano on 5038.9v strong but unstable to 5038.3, etc.; DX pgm Contactos Internacionales hrd 18/5 0015 w/letters from Sweden (Many SWB reporters, 21/5) Varies from 504 to 5038, G at 0120 (Swedish reporter to SCDX bc 11/6) CRE, 4656, sent letter after 4 tentative reports apparently went astray due to incorrect addr in WRTH; sent along QSL, letter, pennant, used Ec stamps; correct addr is: Avenida Boyacá 642, Guayaquil, V/s Rafael Guerrero Valenzuela Gerente (Clive Rooms, UKOGBANI, Play-DX 3/6)

Why some stns no longer QSL: I had an interesting discussion at R Popular, 4800 in Cuenca w mgr who said stn used to send out QSLs, letters and pennants but never hrd from DXers afterwards so they stopped. If the DXers had responded w/a thank-you or perhaps another reception report later, chances are the stn'd still be giving out QSLs & pennants. Perhaps it'd be a good idea to send the smaller stns a note of tnx when receiving goodies from them; this might assure they will continue QSLing (Don Moore, SPEEDX) Unfortunately there is a prevalent mentality, exemplified by temporarily or permanently embargoed 'hot' DX news in certain DX groups, of "get mine while the getting is good" & if late-hearers can't get a QSL, too bad--after all, for those who did get a QSL, it is that much more of a rarity (gh)

LV del Oinoro [sic] has moved from 3311 to 5015; hrd arnd 0300 to 0358* (Thomas Meisenlock, W Germany, SCDX print 7/5) I assume that name is incorrect (gh)

HCJB fq changes: Nam 02-05 on 15155 ex-6095 eff. 22/6; Eu 0650-0830 11835 & 9655 (DXPL 20/6) via John Norfolk, OKCOK) 11835 not audible here (Norfolk) Also 15270 ex-15295 19-20 (gh)

FAIKLAND ISLANDS FIBS, 3958, 14/5 0613 pop wk, M anc'r w/s/off anmts 0627 (Bruce MacGibbon, OF SPEEDXGRAM) FIBS, in letter w/QSL card days bc at 6 am - 2:30 am Stanley Time on 3958, 96.5, 100 MHz FM; Stanley time is 3h behind GMT Oct-Apr, 4h behind Apr-Oct; note no mention of 2380 (George Brown, UKOGBANI, Apr-May DSWCI SW News)

FINLAND R Finland J85 in EG: Eu 0430-0455 15430 250, 11755 15, 6120 100 kW; 0630-0655 11755 15, 6120 100. Sat 0730-0830 & daily 0830-0855 15265 100, 11755 15, 6120 15, 1830-1855 11755 250, 9655 100, 6120 15, 1930-1955 6120 15, 963 100, 558 100, 254 200, 21-2130 11755 250, 6115 15, 963 100, 558 100, 254 200. Nam 11-1125 17800 250, 15400 100. 12-1230 17800 250 until 12:00 only, 15400 100. 13-1330 17800 250, 15400 100; Sun 1330-1355 same. 14-1430 15400 100. Af/M 0430 0455 exc Tue 15430 250. 14-1425 17785 250. Au/EAs 21-2130 11755 250. 0730-0830 Sat & 08:00-0855 exc Tue 15115 250. There is an 'audience service by telephone' M-F 10-12 at (358 0) 40 3534 or 401 3733 in EG (R Finland, via gh) YLE/FBC reported 23/5 the topping-out ceremony ['groundbreaking?'] at Yleisradio's new SW & MW site at Preiviiki, some 15 km from Pori, 'd take place that day. Bldg'd be completed by end of Sept and it'd take a sesquyear to install eqp. Meant stn'd be complete by end of 1986 and xmsns'd start beginning of 1987. Xmtng capacity' be abt a 10-fold increase over old site in centre of Pori, which had 250, 100 and two 15 kWs. In Preiviiki, there'd be one 600 kW MW, three 500 kW SW, plus 250 & 100 kW SW transferred from old site. Increase in output'd lead directly to considerable improvement in audibility all over world, but mainly in NGSAm, Au, Japan; also'd be substantially less QRM arnd Preiviiki than in centre of Pori, where QRM from old site was really bad; State'd be paying 2/3 of cost 100 megawatt Finnish of new xmt'r site, and YLE 1/3 (WBI 30/5)

FRANCE RFI SW svcs in FR are now carried on as many as 17 fqs at once (from WBI 16/5)

GABON 21/4 & 22/4, ANO hrd on 4717.5 in // usual 4810, after 2145 (Stig Thornstöm, Sweden, SCDX print 30/4) From 2/6, R Japan relay at 07 on 17865 ex-17710 (SCDX bc 11/6)

GERMANY EAST RBI ancd sked to Nam: 2215 on 6125 6165 6070; 2315 & 0000 & 0130 on 9730 11975 0230 on 9560 9620 11970; 0530 on 9620 11970 (Charles Weiss, S Euclid OH, 30/5) 2215 was formerly Carib svc w/Af pgms (gh) RBI hrd in EG to Eu 29/4 1537 on 24460, 4 x 6115 (Podney Sixe, Cornwall, UKOGBANI, June ACE)

GERMANY WEST DW on 4882.5 USB, 22/5 0125-0156* EG Nam svc, F, never hrd before or since (Chu ck Bolland, FL) Feeder to Malta, probably turned on only when low MUF requires (gh) VOG is studying possibility of a 30 min EG release to Nam; if approved, will start in Nov (SW Guide via DXPL 30/4 via CIDX) Believe the point of this is morning; 'release' an HCJB term (gh) [More details to an earlier report]: R Freibier, 4724, German pirate, 22/4 2235-0005, Elton John songs nonstop at t/in, top 40 pops from 2300, G, many IDs e.g. "R Freibier, die Nummer eins der Radiosender" and "Topmusik von Radio Freibier"; neither fq nor add given; ancd 'd leave air for 2 mins at 2334 and did return 1 min later; this suggests it was live bc, and correct tes hrd too; excellent mod, strong as if in my backyard. (Bernhard Gruendl, DSWCI SWN)

GHANA GBC reported 3/6 that Chmn of Prov Nat'l Def Council, Flight Lt Rawlings, had that day commissioned two new 50 kW xmt'rs for GBC in Accra; project, wholly govt-financed, cost \$3.2 million w/a cedi component of 7.8 megacedis. In commissioning speech, Rawlings questioned GB performance over past 50 yrs; one thing to have soph eqp and another to plan pgms benefiting majority of people; in appreciation, GBC should help people to know the truth and to undertake ongoing rev process. There should be pgms in all Ghanaian langs on farming activities, cultural values and virtues (WBI 6/3) Make that three 50 kW xmt'rs, not 2 (WBI 13/6) Presumably SW/G GBC 3366 22/4 & 3/5 2155-2300 F-G (Zella & Galassi, Play-DX) ex-22* curtailment (gh) more LM

GREECE V of Greece, Athens, ES EG segments: 0130-0140 ENAm 9905 9420 7395, 0340-0345 WNAW same; 0940-0945 Au 1770 15630, 1040-1045 Japan same. 1235-1240 Nam 17565 15405 11645; 1540-1545 Nam 17565 15630 11645. 1840-1845 Saf same. 1920-1930 Eu 11645 9860 9420. 2335-2345 Sam 9860 7395; NB: certain fqs off air on Tues (WBI 13/6) & I notice EG segment missing on Sat or Sun (gh) J85 sked for Theasalonikf 35 kW xmtrs for ES in GK relaying DS R Macedonia: 05-0730 (Sum 0830) 11615 9460; 09-1630 & 17-2115 on same (NDXC via Jun ADXN)

GUAM KTRW on new OOB 12025, *22 CH instead of planned J85 11745, hrd 25/5; KFBS also sked on 12025, qv (Bob Padula, ADXN) KTRW confirmed on 12025 in CH *2200 u/Israel (Joe Hanlon, PA, 18/6) KTRW made another fq ch 17/5 for EG 0000-0030(Sat/Sun 0045), 15350 ex-15360; & DX Listeners Log on 1840 at 0830 ex-1000 (Robert Chester, SA, RA JP DX Time 2/6) Special offerings were to take place in Adventist churches 9/5 & 23/5 to help raise estimated \$5 million needed to bid AWR Guam stn. Alan Steele, head of projects, expex stn on air by yearend w/4 100 kW xmtrs to WFac & EAs; 16hpd at start & they hope to have 20 langs (Gleaner 6/5 via Mel Hickman, SPEEDXG)

HONG-KONG Funny funny: WRTH 85 page 541 lists Hongkong Aeradio Brazil on 8825. My, those jets are getting faster every day; must pick up wx info passing over Brazil before landing in HK 5 mins later (Ed LaCrosse, Redding CA, 22/5)

ICELAND LMI GUATEMALA LMI

INDIA AIR J85 EG ES: 00-0115 15110 E & SEAs, 15175 NEAs. 10-11 11795 15130 17705 17875 ANZ, 15230 15320 17387 NEAs. 1330-15 9545 11810 15335 SEAs. 18-20 11845 15265 EAF. 1845-2230 7150 9665 11620 UK/WEu. 1945-2045 9755 11865 W/NWAF 20-2230 9910 UK/WEu. 2045-2230 9550 9910 11-870 ANZ. 2245-0115 6035 7215 9595 11765 E/SEAs, 9912 11715 NEAs. Nx at 23, 01, 10, 1055, 1330, 1455, 18 19, 20, 21, 22 (Tripti Ranjan Basu, IIXCI Asian DX Review, Apr)

INDONESIA Recent inaug of 4 hi-power xmitng stns at Cimanggis, S of Jakarta, enables RRI to reach listeners in E Indo and WFac islands. More than US\$6.9 million spent to build the 3 100 kW and one 250 kW xmtrs; another stn, which'll reach ME, Af, Eu, expected completion by 1985 [sic] (World Broadcast News via AMCB, SCDX print 23/4) Jak on 7669.9 5/6 1125-1142 Mx fair u/ham QRM w//11770.1 (Chuck Bolland, FL) Makes me wonder if your R71A is subject to 4 MHz images; more likely, maybe is a typo for 7269.9? (gh) unID Indon on 3360kHz kHz f/in arnd 0900 but can't get any more than RRI for ID; daily from 2/6, possibly earlier; China QRM after 1000; no sign of PNG; also an occl VOA spur here from Tinang site (Gerry Bishop, Clark, Philippines 10/6)

IRAN 6175 is new fq o/BBC 0250, chimes 0302 (SCDX bc 28/5) Yecch, I've been noticing some QRM here too to BBC's main fq (gh) VOIRI EG to EU 1930-2030 now on 9022 & 9770; also to NAM 01-02 on same fqs. Not listed in offl sked but hrd irr w/AR are 4990 6080 9830 11745 12005; this suggests addl xmtrs from Kalamabad (Craig Seager, RA JP DX Time 26/5) That's the 2nd time DU sources claim Iran in EG to NAM at 01-02; as far as I know this EG xmsn remains on MW & perhaps FM only for Iran vicinity; a check recently of 9022 before 0200 showed SP not EG; funny they keep overlooking this chance to confront us Great Satans more effectively (gh) Recent monitoring of DS from Tehran as on SW 15084 & 9022 shows change in behaviour over past few months, i.e.: 1) Friday prayers, previously occupying 10-20 mins of the 1030 nx, now do not exceed 4-5 mins. 2) Until mid-Mar, VOIRI always carried air-raid warning sirens on radio, alerting population to take shelter. Most recent series of raids, which began at Mayend, not accompanied by siren & alert warnings are only rarely given on natl radio. 3) Main nx bulletin now tend to be shorter w/total duration of home nx items not exceeding 4 mins (WBI 13/6)

IRELAND R Dublin w/F-G sigs since 22/5 as early as 2330 past 0400 on 6910; every night since w/sig seeming more powerful than last yr; late spring prop or higher power? (Chris Bagge, Springfield MA, undated, late May or early Jun) R Dublin not hrd the past week! Prop, reduced power, or raided? (Bagge, circa 9/6) Harmonics noted lately: 1962 Hometown Radio 2 x 981 weak; 2250 R Luimini 2 x 1125 regular at good strength 2340 Breffni R 2 x 1170 regular G Strength day & nite. 2466 Boyneside R 2 x 1233 irr & weak. 2502 Erneside Community R 2 x 1251 F, reg. 2664 Boyneside R, 2 x 1332 poor & irr. 2718 Big M Community R 2 x 1359 excellent. 3204 Wicklow Community R, fair. Using Rcal RA17 & 150m longwire in Scotland (Ken Baird via Free Radio Round-up via WDXC Contact June) R Na Gael, Montgorry, Swords, County Dublin, noted often here again on 6340, stronger than when previously on this channel; rxd report from Barto in CT (Mike Barraclough, Letchworth, WDXC Contact) Operate on SW 23-09 due to TVI (Anaraks UK via Contact)

ITALY AWR rqstng rpts at Lisbon addr, 4/5 0600 into Gospel pgm, 0617 bible study show on 7125 (Dave Alpert, NYCNY) New AWR stn in Forl now in regular svc w/EG daily 17-18 on 9430 (Stewart Fenwick, Scotland SCDX print 7/5) AWR on 6205, ID 2230 requesting reports to Portugal addr, sandwiched betw 2 canned relig pgms; hrd 2224-2300, prob s/off or lost in incr noise; SIO 232 but fades & occl blast of severe SSB QRM (Richard A D'Angelo, Wyoming PA, 2/6) Sked 06-07 EG, 07-0730 FR but really EG & mx; GM to 0830 on 7125; 16-17 GM on 6205; 22-23 EG 6205; ancs sked at start and end; also gives Sines sked on 9605 and 9670 only (Noël Green, RCI SWLD 2/6) IVORY

JAPAN A number of low powered SW stns not listed in WRTH have been hrd: JKU20 in Ebetsu on 3970 at 1125-1159 and JKM20 in Mihara on 3377.5 LSB at 1205 (Nathan Murff, USA, via CompuServe via SCDX print 30/4) Amended R Japan sked shows from 11/6 extra fqs for certain xmsns incl EG 0015-0115 15300, 02-03 21610, 1215-1245 & 23-2330 15235; also see GABON; and Moyabi 04-06 Eu non-EG on 9575 (WBI 6/6) Replying to question on possible R Japan relay stns in Thailand & Panama, DX ed of R Japan EG svc said on RNMN 6/6 that he had to admit RJ was 'stalemated' on the issue of obtaining relay stns abroad. RJ trying its best, as was govt. Despite holdups, NHK still vy interested in having relay stns to serve e.g. N & SAm (WBI 13/6) more ITALY: EARTH, LIECH.

JIBUTI During Ramadan, to 20/6, 4780 hrd as late as 2200 (Finn Krone, Denmark, AWR DX 2/6)

KAMPUCHEA My interpreter Duyen listened to a tape of V of People of Kampuchea, 11938 at 1248

in Laotian 15/5. I didn't hear IS or ID but pgn was economy report, monthly. Some facts learned: \$1 = 200 kip in Laotian money; rest was about Bangkok, gas prices going up & oil may be short soon; Am engr going to work on plan to widen main streets for buses and people are going to be encouraged to buy bus passes. She also xlt'd literally the VOPK bc at 1245-1258 in Lao & Viet 13-1313 on 11935-11937 21/5; M & W on money rate going up and down; girls in ads & how females are being used; govt worried about Camb people adopting practices of Am & Jap socy. Complained abt girls wearing lipstick; war between Viet & Camb; then M switched to Camb but girl [sic] still in Laotian. Duyen said this was natl nx like CNN. Viet at 1300 W said time was 8; W was presumed Kamp speaking Viet; same pgn as in Laotian (Bruce MacGibbon, OR)

KASHMIR AZAD AKR Trankhel reactivated 3665 f/in 18-; not Rawalpindi relay but axually inside AK (Victor Goonetilleke & Sarath Weerakoon, Sri Lanka, RNMN 6/6)

KENYA VOK, Nairobi, recently being Genl Svc in EG via low-powered xmt'r on 4950 in place of 4885 --4950 normally carries Central Svc in Kikuyu, Hindi & other local langs; still no sign of new hi power xmt'rs at Koma Rock; Genl svc hrd well til 2010 (Craig Seager, RA JP DX Time 16/6)

KOREA NORTH R Pyongyang EG Eu 06-08 on 9350 ex-9360; 11655 ex-11660; 12000 ex-11985. EG at 20 on 9350 & 11655, same exes, // 6576 still (J Kornek, W Ger, SCDX bc 11/6) R Pyongyang is now relayed "Voice of the Revolutionary Party of Reunification" from 1030-1130 only on Sunday (Far East Radio Club via Apr IDXCI ADKR) [sic] I have not condensed this, but somebody apparently did making it completely ambiguous about which stn is relaying which; no fqs given (gh)

KOREA SOUTH R Korea new EG sked eff 1/7: Eu/ME 04 11820 15575, 16 9870, 18 & 22 15575. NAM 02 11810 15575, 04 9570, 14 9750 15575. ME/AF 11 15575, 22 6480 7550. SEAs 14 9570, Genl svc 02 & 11 7275, 16 & 18 5975, 00 on 104.5 MHz for Seoul (Bill Matthews, Columbus OH) The 1500 in June LN was probably misunderstood 1600--fifteen & sixteen sound very much alike (gh)
New std time & fq stn HIA opened by Korea Std Research Institute in Nov; in Taedok on 5000 kHz 01-08 daily exc weekends & Korn holidays [when time stands still?] (Dong-Hyuan Cho, SK, SCDX print 30/4)

KUWAIT RK on new 17885 // Eu AR ex-15345 w/main AR pgn 1300+ (No#1 Green, RCISWID 2/6)

LEBANON A lot of people are interested in getting nx about the hostage situation direct from Lebanon, but regrettably I cannot suggest any SW sources--R Lebanon ES is presumably off the air; V of Lebanon on 6550 suffers QRM from Venceremos; a few other stns occly hrd in NAM, but even if audible in EG the nx would not be reliable; back to the US nets. Of course one can easily monitor Israel on SW; and Syria at 2005 on 17825 & 12085, which doesn't condescend to lead with the hostage story (gh) 6/5 Ha'aretz nxpaper in Israel reported a new radio stn, V of the South, 'd shortly begin being from southern Leb to the Shi'ite population; operated by Israel w/coop of local Shi'ites; apx 12hpd from studios in security strip, combining Arab & lite mx w/nx, commentaries and propaganda. Mostly manned by local Shi'ites (under tight Isra-ii supervision) who'd be responsible for ancng & editing comtries & nx. Initial range'd be limited but aimed to incr in future w/help of powerful xmt'r; main target doubtlessly Shi'ites but stn'd also direct bcs to Druze, Christians, Palestinians (WBI 16/5) MW, I suppose; what has become of this in light of the hostage crisis? (gh)

LIECHTENSTEIN [non] [Cf May & Jun LNs] "R Liechtenstein" did exist for 2 Sunday morns in Mar but it was bc from Italian private stn R Time; may try again when prop better (Dario Monferini, RNMN 30/5)

MAJARI Hrd tent a few weeks back, now definite, 2/6 0353-0407 arnd 3380 w/EG relig pgn, then 0400 ID "This is the MBC, the time now is 6 o'clock" then EG nx to 0403, partially readable. F sig amid considerable atmospheric noise (Chris Bagge, Springfield MA)

MALTA IBRA Radio bcs from here ment'd under "Religious Being Orgs" in WRTH but for some reason the TK bc at 22-2230 & EG 2230-23 is left out; on 9510 (Richard E Wood, NZDX Times May)

MEXICO R Universidad SLP now better on 6047 ex-6045, 13-0505; R Univ Nac back on SW afternoons arnd 2130 on 9600.2 (Christian Zettl, ibid., SCDX bc 18/6) Reason why XEU, Veracruz, had SW outlet is simple: a hobby for the owner! But when visiting city in March, 6020 silent; diff people at stn gave contradictory info that it had been off 5 months or 2 yrs, but most ancrs believed it was still on, and it is ment'd in anmts on 930; SW xmt'r is 250 W made by Ing. B P de la Torre, used since 1930; ant half wave dipole; site 19-11-40 N / 96-07-59 W, on Carrera Mexico-Veracruz km 450; has 35 personnel. R Huayacocotla MW outlet will be XEHAY 1370 this year, but plans to continue on SW 2390, contradicting previous info (Takayuki Inoue, RNM, 9/5) I've been hearing R Mexico Intl on 15430 in the clear thruout the night all in SP (Charles Weiss S Euclid OH, 30/5) Used to s/off at 04 or 05 (gh) more, LMI

MONTSCERRAT DW relay to SAM, 11810 0159 21/4 poor w/local ID in EG, then SP (Ian Wells, NZDXT)

MOROCCO VOA Tangier uses these 22mb fqs for J85: 13770 15 kW 22- to NE/SEAs; 13770 35 kW 08-Af both w/KITTY svcs (Robert Jones, June ADXN) Hum, maybe we should consider these SWBC, hi-

MOZAMBIQUE R Moçambique, on new 4986, 11/5 1849-1930, pops, adstring, 4-note gong 1859, clear ID, 6 pips, intl nx, EG lesson; 1910-1925 into ads again, more IDs and talk; also rept'd arund 2200 (Bernhard Gröndl, W Germany, DXSF 6/6) more, LMI

NEPAL R Nepal, presumed, on 9589.9, 5/6 1149-1243 in lang & EG, M&W talking, W giving relig talk in EG, M xlt'ng into lang; 1157 mx interlude; possible nx on hour by W in lang, no more EG; 1242 possibly another relig pgn; poor (Chuck Bolland, FL) Maybe, but w/odd timezone would not expect nx on the real hour; too bad if they're becoming another evangelical (gh) more, LMI

NETHERLANDS RN pgm info: w/lots of staff vacations in July & Aug, Monday Documentary is replaced by 'That Reminds Me,' mx features suggested by listeners, produced by diff staff member ea week, but shortened 15/7 to follow results of 'Xmtr Site Insight' competition of April. Thu 'Media Network' hopes to explore more aspects of the current state of intl bc; 11/7, one item deals with spread spectrum comms; Ginbey Afro report; 18/7, radio nostalgia, the past in intl commercial SWBC at WRUL & WNYW; Andy Sennit media nx, xmtr site insight winners repeated; 25/7 listening in on satellites trend in NAM; Gonnetilleke w/As media nx. Wed Report 10/7 'Dakota is 50', a report on a celebration of the DC-3. The North Sea Jazz Festival is featured Tue 16/7 to Fri 19/7, and RN will sample the party on the Tue Images, Wed & Fri Reports. 'Mainstream Asia' Wed & Fri on the 0830, 1130 & 1430 UTC xmsns to As--Bob Chaundy just returned from Asia incl flood-stricken Bangladesh, war-torn Cambodia (via Dick Rush, TN, courtesy RIB whose deadline this info just missed) Re the confusion on whether 'Radio-Enlace' is the first or second feature item on SP bcs Fri + UTC Sats: Jaime Bagueña tells me it's supposed to be first on bcs to Eu, 2nd on bcs to Ams, but sometimes the techs mix up the tapes (gh)

NEW ZEALAND KIWI R, P O Box 1437, Hastings, 5850 kHz, bcs 0430 0730 every Sat & some Suns 07-09 w/30-1700 watts; varies by QSL card; plans to move to 7335 7340 7345 w/increased power. Two sp1 offers to listeners [non-listeners?] 1) the R Freedom/KIWI story 1977-1982, 60 minutes [cassette, I guess] for US\$, UKP4, NZ\$7 (NZDKT) So what's the 2nd? (gh) Hrd on 5850 Sat 07-10, plans change to 7340 (Arthur Cushen, RNMN 6/6) 5850, Sat 07-13 or 7340, 30 W from Hastings area (Arthur Cushen, SCDX bc 18/6) Note variation in times, unless I miscopied (gh) RNZ, 22/3 & 25/3 05-0645 incl Maori nx 0508 // 11960 ex-17785 on 15151.2 (Richard Wood, HI and Gordon Darling, PNG, Apr-May DSWCI 30W) Wow, don't recall this one ever being off-fq before; 17785??

NICARAGUA R Zinica, 6121.5, 30/5 1115 ballads, M in SP, 1130 ID, 23232 (Gary Hickerson, AR) See also EARTH

NIGERIA VON EG: Eu 15120 17800 0457-0557, 0657-0757, 0827-0957, 1757-1857, 2057-2157; NAM 0957-1157 15120. Waf 7255 also in HS/FR 0457-2157. CeSaf 11770 1437-2057. Eaf 15185 0457-1057 (SCDX bc 18/6, W German contributor) Really, really seveny

NORWAY NRK changes from 1/6 concerning Sun EG half-hours: 1000 FE/NZ 15205 test//15180; 1400 SAs 15245 ex-15225; 1600 SAs 11935 ex-11925 (Joe Hanlon, Philadelphia PA, 28/5) Some amendments to the RNI J85 sked: 0200 11865 ex-9565; 0600 15175 ex-15165; 0700 17745 ex-17740; 1000 17745 ex-17740, 15185 ex-15180, 15205 test; 1100 15175 ex-15180, 15205 test; 1200 17715 ex-15225; 1400 15245 ex-15225; 1500 15180 ex-15185; 1600 11935 ex-11925; 1800 15310 ex-15305; 1900 15310 ex-15305; 2000 15310 ex-15305 (via Bruce MacGibbon, OR, SPEEDXGRAM)

OMAN R Oman on extended sked for Ramadan, 25/5 2230-2300+ on 6085 (Bob Padula, ADXN) w/Koran still audible 2315 25/5 (Craig Seager, ibid.)

PAKISTAN Interesting reception 20/4 only in Puerto Montt: 4879 Quetta presumed w/AR like mx, P 0122-0126; 4980 Azad Kashmir presumed w/M talk and chants in unid lang 0112-0122, F; 5905, Islamabad M & W talking in ME-like lang, F: 4860 P also in (Don Moore, Chile) R Pak hi-power 60mb fq 5095 recently drifting as hi as 5107, w/HS from Is'bad 1545 to 1600 ES in Dari to Afgh; heavily jammed in ES (Craig Seager, RA JP DX Time 26/5) R Pak ES sked shows a slow-speed EG nx: 0230-0245 SEAs 7315 15175 17660; 1100-1115 UK/WEU 15595 17660; 16-1615 ME/Gulf/af 9885 11675 15595 17660; extended EG in WS to Eu 17-1730 on 9465 11810 (Craig Seager, RA JP DX Time 16/6) On 11810 2/6 1702-1749 in EG w/mx by W; 1715 ID, commentary to Pak vocals at 1720; improved from SIO 1+31+, 20% readability to SIO 252, 50% after Martí 11815 splatter left at 1730; lang change 1745 (Richard A D'Angelo, Wyomissing PA) more, IMI

PAPUA NEW GUINEA Per NBC Natl nx 19/5, PNG govt plans incr power of many regional stns; field tests indicate R Gulf 3245 hrd vy poorly in prime coverage area, as are many of the other outlets. Some stns have moved from 2 to 3 MHz band to facilitate increase; #im is to raise all to 10 kW (Robert Shepherd, Jun ADXN) NBC intends to obtain new SW xmtr of 50 kW to be installed at Waigani on 4890 as replacement for 10 kW. Xmtr '11 later be moved to planned site for NBC's Natl Stn at Lae, 300 km N of Port Moresby (Philip Harrison, RA JP DX Time 9/6) R Manus, 3315.2, 17/5 1110 M w/nx in Pidgin, DJ w/time & ID, local mx, weak & static. 23232 (Hickerson, AR) R Enga, 2410, SIO 343 9/6 1040, C&W mx, Pidgin talk, 1059 ID in EG, stay tuned for nx (Gerry Bish op, Clark AB, Philippines)

PARAGUAY R Guayrá, Villarica, hrd on my ICF-7600D when in Asunción, on 5900-5909, vy distorted, from early morns to 1900*, daily, powerful (Juan Carlos Codina, Paraguay)

PERÚ 8/6 0600, Sendero Luminoso terrorists completely destroyed R Quillabamba xmtr. R Central de Bellavista, from city of same name in jungle, apparently new stn on 4875, hrd in Lima at various times during the day; daily at 12-13 has pgm 'El informativo de las 7' w/lots of natl & regional nx, mixed w/lots of Pv military mx and some ads. R Inca del Perú, Lima on 4762, per info directly from Mgr Sr. Jorge Irei Inamine, xmts 24h w/1.8 kW tho authorized only 1 kW. 100% QSL by card; also will change MW 10 kW fq in Sept from 1280 to 540; new studios are at this addr: Calle José Bernardo Alcedo 375, Lima 14. This stn, currently the leader in 'tropical andina' mx, a strange and beautiful mix of Andean mx and cumbia-type trop, which is currently provoking a furore in Perú (Gabriel Iván Barrera, Argentina, 10/6, visiting Lima)

R Municipal, Cangallo, on new 5050.4, 23/4 0950-1002 P-VP, QRM de Singapore 5052, Chinese 5049.7; better on USB; hayuño mx pgm; TC for 5 am (Shuich Sasaki, Tokyo, Radio Nuevo Mundo) Peruvians hrd in Ecuador: 4025, weak sigs from 'RTC, LV de Rioja' also ancg as 'RTC, la radio de Rioja' and 'Somos RTC. Te agradamos con las mejores canciones'. Ballads only & ocll RTTY 19/5 2330-0020+; 4460, R Norandina, Celendfn, 15/5 0030, their regular signal, 'Música

del Perú profundo". 5721, R San Miguel Arcángel, 5/5 1230 mentioning addr as Calle Bolívar 212, San Miguel, w/huaynos, closing down 1240 owing to lack of electricity per amnt. Promised to return in afternoon but failed to say when; using El Cóndor Pasa as a theme. 5802, fq is no longer R Acunta, Chota but R Frecuencia San Ignacio, "San Ignacio province", hrd 19/5 w/greetings pgm. Interesting cufia for Hermano herbolario Marino who receives at Hotel Morales, San Ignacio, w/a full stock of herbs to wail [?] away all kinds of ailments. 5970 is R Selva, Mo-yobamba, ex-7307, vy weak arnd 2100. 6282, R Huancabamba, 18/5 after midnight, weak audio and some RTTY, ancg 6290; at first that it Huallabamba. 6563, R Tacna, la emisora decana del departamento, surprisingly hrd here prior to unsked s/off 0117 19/5. 6792--for collectors of weird IDs: "En su sintonía transmite R Selecta, de Virú, en onda corta, banda tropical de 45 metros, sonido estéreo amplitud modulada"--their taped ID as hrd 28/4; on the air all day. 6963 varying from day to day, ths fq 19/5: R Nuevo Cajamarca w/booming sigs all day. Much stronger than ever on 4912v. Ancg "Esta es R Nuevo Cajamarca, la nueva, desde el floreciente distrito de Nuevo Cajamarca, en la provincia de Rioja, departamento de San Martín. Estamos al servicio de todos los peruanos a traves de los 6900 kc/s, frecuencia internacional de los 49 [sic] metros... Nuestros estudios centrales estan en Avenida Cajamarca 126, frente a la marginal de la selva". Sked as 06-2030 Suns, 06-22 ('a veces 2300') Mon-Sat, local time (Henrik Klemetz, now in Cali, Colombia, 29/5) This answers some questions in DXSF (gh)

3037.7, R Yungay, Yungay, Ancash sometimes goes till 0200! as hrd 21/4. 3846.7 apx, unID Pv disturbing in this range hrd 20/4 0130 after being arnd 3859-3854 the past two weeks. Still unID due to distortion. Hrd 25/4 on 3853.9 apx 0100 naming location of Puna Alta, but rest of amnt lost to QRM; 0103 gave TC as 8:08 in Celendín, so seems there; back to distortion. 0131 ads for Bagua Grande stores. 6/5, found this was really a 3rd harmonic as hrd on 3853.5 and 2568.9 at same time. 4004.8, R Grau, Huancabamba, Piura, 27/4 till [missing], G sigs. 4459.8, R Norandina, Celendín, Cajamarca, first hrd w/30 over 9 sig and perfect mod, huaynos 5/5 0005; 0008 ID: "Desde Celendín, transmite R Norandina, desde el Jirón 2 de Mayo 1261" So perhaps it's the same as R Gran Pajatén, w/new name? Remember that when they first appeared 2 yrs ago they were on 4460.0; reappeared w/lousy xmtr arnd 4095-4200; but last time w/xmtr vy similar to this one in signal they were on 4485.3. inactive more than a month there. Quite sure this new Pv'll effectively block faint Rdif LV del Trópico, Bolivia on 4458.0. R Norandina ancr is evidently quite inexperienced, making lots of mistakes. Slogan: "la nueva imagen en radio" So it's the 6th SW in that city; however 2 are inactive--Gran Pajatén and Nuevo Edén. Ancing also 'banda intl de 75 m'. Next day was on 4459.9; closes at 0400* 4907.8, R Cobriza 2000, Pacaycasa, first hrd here w/salsa mx 0025 18/4; next day on 4926.8. 5103.6, R Mundo, Cuzco, Cuzco, first hrd w/distorted sig, little USB component, mostly LSB, but only detectable in AM. Varying up a little to 5103.8; so seems xmtr problem because first time in a sesquyear off normal fq 5120.4. Also first time it has been distorted. 5701 apx to 5718 apx, R Chota, Chota, Cajamarca, spurious. Hrd totally distorted, absolutely no carrier, covering nearly 20 kHz; virtually impossible to get ID if any; SP pops, quite old, 28/4 2115, that maybe Jaen again w/useless SW xmtr. Resembles it a lot; later going to 5705-5690 range; 2150 w/Pgy mx. Following days hrd distorting arnd 5720; after some checking, hrd an ID as 'R Chota' so is spur, // 6296. Don't confuse this w/well-mod sig of R San Miguel Arcángel on exactly 5720.5 & stable, which doms ch after carrier opening 2344 & NA 2345 [more below]. Reason for R Chota spur could be new xmtr, because sig now very good, far better than before on 6296.4. 5720.5, R San Miguel Arcángel, San Miguel, first hrd 24/4 0144, ID but uncopiable; only hrd ancr excuses as first days on air w/tech problems; 0149 clear ID "Esta es R San Miguel Arcángel, desde la provincia de San Miguel departamento de Cajamarca, República del Perú" So same stn as a year ago on 5707, but then ID only as R San Miguel. Next day *0100 ancg 5820 kcs; after that opening at *2345; also ancr 'banda de los 56 metros'. Per amnt, producer of some pgms there is Antonio Cuevas Lozano; 2350 pgm is "Atardecer San Miguelino"; other personnel are Luis Alberto Cuevas Lozano, and Italo Lozano, so seems a family affair. Sig in Lima now nearly 20 over 9; easily covers R Chota spur as mentd above; 0023 begins "Por los caminos del Ande" produced by someone called Mendoza. 5801.7-5801.8, Frecuencia San Ignacio, San Ignacio, Cajamarca, new stn using old R Acunta, Chota xmtr! First hrd w/new name and QTH 13/4 2350 ancg they are in San Ignacio prov, on the frontier; as hrd on R Universo, in same prov, lots of comunicados for Santa Rosa area in Jaen prov. VG sigs; evidently w/QTH change, xmtr/ant far better adjusted. Lots of ads for shops in city of San Ignacio, San Ignacio, Cajamarca; F & M ancrs are not same as when xmtr was in Chota as R Acunta. Indeed, far better than former ones. Quite sure that w/new sig, extended sked, stn'll be hrd in States and added to record of many good DXers. Sig in Lima is 10+ dB over 9; going some days to 0400*. 6348.5, R Utcubamba, Bagua Grande, Amazonas, now hrd beginning opns in eyes about 0100, going til 0500. (Juan Carlos Codina, Lima, presumably his final report from Perú: "Dear Friends from all over the world: finally I arrive in beautiful Switzerland & especially beautiful Berne! Just arrived 25/5 after an accidental travel thru Paraguay--we had an emergency w/the plane over the Atlantic. But now safe & happy in this paradise. I have put in order my last obs from Perú before departing. My correct provisional addr is: Ambassade du Pérou, Spitalackerstrasse 20A, 3013 Berne (there's no 25 in the addr) Tnx & good luck! (gh)

PHILIPPINES An unlisted stn, DUB4, R Pilipinas hrd on 3286 1240-1255 ancnd 24hpd, in EG exc one amnt in XG (Nathan Murff via CompuServe, via SCDX print 30/4) MBS, 3286 has been off since at least 7/6; still on 6170; called MBS 8/6 while in Manila, but no answer. Hrd VOA once at 0400 on 1566 kHz MW; what's going on, test? (Gerry Bishop, Clark AB, Philippines) Would've guessed the S Korean relay VOA for some reason except this was at local noon (gh) FEBC changes: 0230-0455 15315, 13-1355 11840, 14-1545 11850 in EG (Arthur Cushen, May NZDXT) FEBC amended sked 13/5 for EG: 23-24 15445 to Malaysia/Sing, 05-10 15315 Au, 00-05 15315 India, 13-14 11850 India, 14-16 9670 India; DX Dial pgm now on new 15 min extended segment Sat 2345-24, Tue 1340-

1355 on 11850 Fri 0840-0855 11890; increase due to splendid response from FEBC listeners to DX tip type pgm [what? digital diarhæa welcomed?]. Shorter version, the original 5-min segment, is in Good Morning India, Dhars 0150-0155 on 15315; comments, suggestions, contributions to DX Dial are sought to P O Box 2526, Bangalore 560-025, India or to P O Box 2041, Manila. Shortly ARDKC will have a feature spot in both pgms w/special QSL cards. & R Veritas Asia changes 19/5, 02-0230 15195, 15-1530 9570 ex-9675 & 9660, EG (Alok Das Gupta, India, ADXN) FEBC using 11850 again ex-11905 14-16; testing 11865 to 0230 replacing 15445; 0230 switching from 15445 to 15315, all EG (Rajesh R Desai, India, Apr IDXGI ADXR)

POLAND I've been hearing excellent sigs from R Polonia on 15120; guess their sigs always pick up around this time of year on 15 MHz; why? Was hearing them off & on via 7 MHz fqs til last week when stumbled across 15120; co-channel QRM is quite minuscule from a VOA xmtr somewhere. R Polonia sigs especially peppy 0200-0355, nice to hear that folk mx again; hail, Polonia! (Chuck Kristan, Delmont PA) Reason is solstice max of Arctic day or twilight over path from NAM to EU, keeping MUF up, and making lower 7 MHz signals more subject to absorption (gh)

R Polonia Esperanto to Eu: no changes compared to WRTVH 85 (WBI 13/6) A survey of R Polonia since 6/5 shows FN & SD now daily ex-thrice weekly, and FN incr to twice daily; bcs in DN reduced by one pgm a day and EG to Scand 4 days a week discontinued (WBI 6/6) EG was apparently their choice for fill-lang during period of staff shortage or the like (gh)

PORTUGAL RDP Int'l complete sked since cutbacks: 0030-01 EG Tu-Sa ENAm 6095. 0130-03 PT ENAm 9565 6095. 03-0330 Tu-Sa WNAm 6095. 05-08 PT M-F 9740 6130. 08-14 Sa/Su Eu 1800 7160; 9740 to 13; 21700 from 1055 to Af. 09-10 PT Timor 15275. 10-11 M-F PT Af 21700 17890. 11-12 PT M-F Af/Eu 21700 17880 11800. 12-13 PT M-F Eu. 14-18 PT M-F Eu/Af/Ams 21700 15285 11800 9605 7160. 15-16 PT M-Sa ME/India 15190. 16-1630 EG M-F ME/India 15190. 17-18 PT M-F Eu 1915 9605 7155. 18-1830 EG M-F Af 15250. 18-19 PT Eu on 11740 9605 7155 & Sat/Sun to Af 15250 11915 but some channels may s/on late. 1830-19 FR M-F Af 15250. 19-20 PT Eu/Af 15250 11915 11840 11740 9605 7155. 20-2030 GM M-F Eu 9605 7155. 20-21 PT M-F Af 15250 1915 11840. 2030-21 EG M-F Eu 9605 7155. 21-2130 FR M-F Eu 9605 7155. 2130-22 IT M-F Eu unconfirmed. 22-24 PT Bzl & Venez 11840 9745 9600. 23-2430 PT ENAm 9680 6095 (WBI 13/6) Hmmm, I recall 9680 used to be R Renascença at that time (gh) R Renascença on 11730 *2325-2346 11/5 w/ID, 6 IDs prior to s/on, "R Renascença, Emissora Católica Portuguesa" Time and fq armts, 2337 nx, 2357 DW IS destroyed them SIO 343 to 211 (Richard A D'Angelo, Wyoming PA) 03 EG, 08 PT, 12 on 11800, sorry (gh)

QATAR et al. Kuwaiti mxpaper 'al-Ra'y al-'Amm' [I should point out, as BBC never does, that the first and last ('') are quotation marks denoting a proper name; the others are the Arabic glottal stop -gh] carried article 6/5 about V of the Coop Council radio since Kuwait beginning 15/11/84 and difficulties of rotating production of svc among 6 GCC states; each to take a month at a time starting w/Qatar. What has happened to V/GCC from Doha? a condition was that ancr voice must be a Gulf one; only partly met, one factor for failure of V/GCC via Q. Why other countries refused to assume responsibility for it? Some lacked trained manpower, others said Ramadan or their natl day was approaching; others reservations due to lack of advance knowledge of content; idea to be re-examined (WBI 16/5) Typical of Arab 'cooperation', hi (gh)

ROMANIA R Bucharest, 30/4 1518 in EG to As on 23550 (2 x 11775) (Podney Sixe, UK, ACE)

SAIPAN KFBS now sked on new OOB 12025 in CH 14-16; see also KTRW GUAM (Bob Padula, ADXN Jun) Confirmed at 1459 18/6 in CH w/KFBS Saipan ID; listeners to ORF Austria are in for a Chinese 'whipping' from this move. KYOI has new addr for HQ: 1001 Bishop St, Honolulu HI 96813. 11900 remained audible til USSR RSP&P QRM at 1530 in AR, 18/6 compared to previous weeks (Joe Hanlon) Look for other FCC-auth stns to start using 12025 unless limited to Pacific (gh)

SAUDI ARABIA Surprised to find AR pgming 12/6 on 8720, quickly IDed as BSKSA at 2340. Checked on 2 rx, not image; recall they were reported arnd here previously; possibly deliberate or a spur, as 2 harmonic relations are remote and require slight but exact 1 kHz off-fq opns as this was precisely 8720: 8 x 1090 stead 50 kW 1089; 10 x 872 stead 10 kW 873 outlet (gh)

SEYCHELLES FEBA final J85 & tent S85 complete: 6030 0027-0045 040 B 100 41. 7130 1627-1740 220 B 100 53. 7165 1827-1845 (Sa/Su 19) 220 B 100 53 57. 7275 0112-0215 040 B 100 41. 9510 1612-1700 220 B 100 48 52 53, 1731-1833 280 B 100 47 48. 9600 17-1716 (W-Su 1731) 340 B 100 48. 9610 0311-0358 220 B 100 48 52 53. 9640 0157-0245 (Mon 0230) 040 B 25 41. 11720 1731-1833 328 N 25 47 48, 11760 1457-1530 (Mon 1600) 280 B 25 48 52 53; 1530 (Mon 16)-1608 same; 1612-17 & 17-1716 (Wed-Sun 1731) same to 38 39 48. 1810 0311-0358 280 B 25 48 52 53. 11855 0157-0245 (Mon 0230) 040 B 100 41. 11865 0257-0330 352 N 100 40. Sat 1202-1220 040 N 100 41. 1227-14 040 B 25 41. 11895 1357-1513 040 N 100 41, 1513-1608 052 N same, 1608-1626 040 B same. 11900 0912-10 (Wed 0945) 208 N 100 53. 11950 1224-1345 040 B 100 41. 15115 0712-0830 Sun 040 B 100 41. 15325 1202-1220 Sat 040 N 100 41, 1227-14 052 N same, 14-1608 040 N same. 15405 1057-1145 (Sun/Thu/Fri 1200) 340 B 100 38-40, 48. 17780 0712-0830 Sun 040 B 100 41. 17875 1057-1145 (Sun/Thu/Fri 1200) 340 B 100 38-40, 48. Explanation: after fq, UTC, days, is 3-digit azimuth, B for broad beam of 68° at 6 dB points, N for narrow of 36°; power of 100 or 25 kW; ITU target zone(s) of 2 digits. All in lang exc EG: Sun 0712-0830 15115 17780; 1457-1530 (M 1600) EAF 11760; 1458-1530 (Mon 1600) SAs 15325; 1530 (Mon 1600)-1608 Intl 11760 11895 15325 (via gh)

SIERRA LEONE SLBS, 5980, 5/5 2154-2217 w/relig choir mx, ID, TC, nx on hour, SIO 252 (Richard A D'Angelo, Wyoming PA)

SINGAPORE SBC on 9653 for some weeks in CH // 9635 morn & night, possibly spare xmtr activated from time to time, vy distorted 25/5 (Craig Seager, June ADXN)

SOUTH AFRICA Richard Ginbey, longtime reporter to RNMN, says he's planning to begin his own

independent commercial SW svc, International Community Radio, using own xmtr as well as TWR's MW in Bophuthatswana, initially for one bc per week, but incr later; target SGCaf (SW Guide via June DX Ontario) SABC was to start 3 new 'local' stns 1/7 for 6 month trial, w/Springbok going off at 1630... (WBI 23/5) But apparently this does not involve SW (gh)

SPAIN SFR in EG to Eu ancd and hrd as 1730-1830 7105, 22-23 5900 7105 9780 (gh, UKOGBANI 27/

SRI LANKA Terrorist attack 4/6 on DW Trincomalee stn; no serious damage but xmns and constr xion suspended until it's safe for workers to go there (Oliver T Goonawardena, Sri Lanka, SCD bc 18/6) VOA new relay base, next to Chilaw to have 4 x 500 kW, 2 x 250 for VOA use, and one 250 kW for exclusive SLBC use; on west coast N of Colombo; on air date arnd 1990; area kilocast (June ADXN) DW relay of 275 acres nr Trincomalee--5 xmtrs set up, 2 x 300, 1 x 250, 1 x 10 kW and 600 kW MW; to be officially commisioned Sept 85; SLBC'll have use of facilities as part of construction agreement (RNMN via Mick Ogrizek, June ADXN) From RNMN 23/5: SLBC already able to use TWR Puttalam facilities, two 200 kW MW // But as rather expensive to run, SLBC had no used them; SLBC also able to shape [sic--share?] DW's relay. The two 300 kW DW xmtrs are DAM type of Telefunken's Pantel design; the 10 kW is a Racal for telex comms w/Cologne HQ. Trico malee site only had a makeshift studio in a Land Rover [sic], by a satl dish linked to German The one satl channel would expand to two from 1/6 so xmns could run as intended (WBI 30/5) Hrd SLBC in EG 18-1815 on 11800 w/req for ads, contact Dir of Business Admn, P O Box 574; ID as 'Middle East svc of SLBC'. Hrd more recently on 15425 w/EG pop mx pgm 0109-0130, then relig to 0200 EG nxc, 24/5 (Chris Bagge, Springfield MA)

SUDAN [Cf Jun LN] NBCRS, Omdurman, 11180, 13/5 *0356-0422 carrier into presumed NA, Koran recals: to 0417, then nice local flute mx, 0420 M in AR; clear/fair, // poor 5038.8 in QRN. Former cldnd VOFSYS xmtr; maybe intentionally retained to symbolically renege the previous govt's Arab world stance; bet this is old 11855 xmtr; nice to hear Sudan on new & clear fq (Terry Krueger, DXSF) Tape featured on WORLD OF RADIO 22-23/6; opening mx unsounds to me formal & mt. lively enough to be a NA; if on all day, 11180 ought to be audible at many other times (gh)

SURINAM [non] Now EG mx at beginning & end of otherwise DT & ST svc of RSI, 1730-1820 on 1775: via Brasilia (Dirk Bulterman, Neth & Anton Schill, Austria, SCDX print 23/4) QSL letter from R Apintie, friendly & happy stn, says 50 W Philips xmtr coupled to a 350 linear from Henry R, Model 3K, and a 5-element monoband Doublet LP ant w/10 dB gain, intended to serve interior bu nice to receive reports from abroad to: E. Vervuurt, Director, P O Box 595, Paramaribo (Chris Bagge, Springfield MA) Nom. 5005 [non non]

SWAZILAND TWR J85 EG: Saf 0430-0530 3200 6070. 0530-0600 add 5055. 06-0615 5055 6070. 0615-0700 5055 6070 9725. 07-0735 5055 9725. 17-2015 3200. Caf 1630-17 & 18-1845 9785. Eaf 1630-1700 & 18-1845 9785 (oh, same as Caf) (via Joe Talbot, Alberta) Other fqs currently active for non-EG svcs to Af, As: 3240 3275 7295 4760 7295 7195 11820 (ibid.)

SWEDEN Due to prop condx, time for R Sweden Europe bcs on 1179 kHz moved back an hour; Fri/Sa /Sun now at 2115-2300 in EG (Roger Wallis, RSE) Comes in like a local in the UKOGBANI (gh) & also carries regular EG pgm at 23-2330, as well as other days 21-2130 (ibid.) RSI fq ch from 10/6 affecting EG: 1230 17845 ex-17840 //15190; the SD HS on SSB 05-09 on 17770 ex-21550, RSEU in Jun & July on 600 kW 1179 & LW 191 kHz has four 15-min tourist info bcs: 2000 SD, 2015 GM, 2030 EG, 2045 FR; also in FM in Stockholm; and Stockholm Local Radio from 17/6 to end of Aug on 93.8 MHz FM\$ weekdays 16-17 in EG w/mx, mx, tourist info (SCDX bc 11/6)

SWITZERLAND Tentative SRI S85 fq sked compared to J85 shows no changes except: to Af the 500 kW xmtr moves from 15420 to 19-20 & 9885 at 2030-2215, to 15570 at 19-2215 which was 150 kW; and the Eu svcs on 3985 6165 9535 12030 9680 11750 and 6190 [i.e. EG 2130-22 on the last, by the way audible in Florida tho not well] move one hour later from 29/9 (gh, from PTT sked)

SYRIA Damascus R, 17825, EG 2005 ancs 15435 but not hrd now, 12085 is sometimes; they also ancd 13700 kHz, 21.9 m for 12-13 EG to NAM; only very weak carrier hrd, too early I guess (Ed LaCrosse, Redding CA, 22/5) 17825 2042-2105* 19/5, SIO 343; 2102 ID, brief mx summary before c/dout; ancd // 15435 not hrd; 25/8 hrd 12085 SIO 343 // 17825 SIO 242 until carrier cut 2100 w/out anmts (Richard A D'Angelo, PA) 2005 bc hrd only on 17825; ancd 13700 for 1200 unhrd there or anywhere else; AR to SAM 2200, then SP & PT on 12085; AR on 12085 to 1500 then 7455. (Noel Green, UKOGBANI, RCI SWL 2/6) Since 8/5 R Damascus at 12-13 EG NAM on 11625; 22-23 SAM AR 11640 & 12085; 23-24 SAM SP/PT 12085 (ILG Newsflash) Tho gh couldn't hear it, I traced EG at 1200 on 11625, F-P 17/6; amazes me that they used higher fqs (17840/17510) in winter and no lower fq in summer; neither channel right for season, not putting in reasonable sig to NAM. Don't they know what HF prop means? (Joe Hanlon, PA) Obviously not; and from above it's clear they don't know what fqs they're really using, either. Furthermore, the ancr of den seems completely baffled by whatever fqs he announces, mixing up the meters and "kHz/sec"--only ionospheric sounders have accelerating fqs! But still audible, if one cares to listen, at 2005 in EG' 12085 usually best (gh) Since 5/5 on new 9950 for AR HS; 03-0515*, ex-9760? (Craig Seager, NSW, RA JP DX Time 26/5)

TAIWAN Current sked for VOFC, Taipei in EG [direct]: 02-03 7285, 02-04 9685 11745 11825 15125, 06-07 7285, 21-22 9510 9600 9765 11860, 21-23 11825, 22-23 9600 (Robert Chester, RA JP DX Time 2/6) WYFR made 2 changes in relays via VOFC: 15055 ex-15035 EG 13-16 & 21-23; 15090 ex-15025 RS 1500 (ibid.) At 1530 a mystery relig pgm in EG on 15055, and on 15090 a relig pgm in RS are mixed on 15020, which proves to be WYFR via Taiwan (Goonetilleke & Weerakoon, RNMN 6/6) Despite a report to contrary in May IR, BSF is SWBC per NASWA rules; there is a full voice anmt, albeit in CH every 10 mins (Gerry Bishop, Clark AB, Philippines, 10/6)

TOGO Rdif TV Togolaise, Lomé DS, aka KINM Inter/R Lomé, the Voice of the New Deal [:], 0525-24 overall incl 0525-0803 5047, 0803-1704 7265, 1704-2402 5047 in FR & verns, but EG "New Deal Magazine" of nx & features at 1030-11 & 1604-1650; also nx in EG 20-2015; FR nx generally every hour on the hour, and 0535, 1230. R Kara, the V of the New Deal, Kara on 10 kW 6155 & 3222, no details; Lomé xmtrs are 100 kW (WBI 23/5) What's "New Deal" in FR? (gh)

U S S R Surprised to find RMWS at 0737 28/5 on 3915; at the time I was not aware my new ICF-2002 is subject to images 900 (not 910) kHz below true fq tho supposedly double conversion; but no reason to expect RMWS on 4815 either the unchecked; 3915 is 5 x 783, but no known RMWS usage there; and does not check as subharmonic of known fqs either; still could be rx image (gh in the daytime UKOGBANI) BBCMS has just issued its semiannual sked of USSR extl svcs by time, a monumental compilation impossible to do justice to in LN or even in an entire FRIENDX, so this time I'm just going to pick out some portions on whim: 00-0030 RSP&P Creole to Haiti on 11805 11670. 0000-0030 RSP&P SP Lam 11980 11850 9880 9675 7390. 0000 Mayak SSB feeders are 12175 8125 8005; EG NAM svc feeder in SSB is 7493; also on 6175 & 6045 tho unanc'd & unhrd. 0030 Mayak has a diff SSB, 10670. 0030-01 SP to Cuba 11980 11850 11805 11670 9880 9675 7390. Also 01-02 on 12010 11980 11930 11880 11805 11700 11670 9880 9745 9710 9685 9675 9665 7390. 0200-0230 SP to Chile as R Magallanes on 12040 12030 12020 11900 11890 11880 11860 11745 11650 11630 9810 9490. Most of same fqs continue 0230-0300 w/SP to Chile presumably as R Moscú. 0400-0700, among the WNAM svc EG fqs is 13737. On the RMWS the 0331½ pgm on Mon is Science & Eng, Tue Culture & Arts, Thu Roundabout Soviet Union; try 11735 11720 9765 9610 9530 7305. 0330-04 SP to Chile as R Magallanes on 11900 11890 11880 11650 9490. 11-1130 in Kannada (spoken more in India than Canada) on 21625 21565 17830 17795 15550 15425 15200 11880 11845 11835. 1131½ RMWS pgm Tue is 'RATSU', Wed S&E, Thu CATA; try Cuba 11840. 1231½ RMWS Sun Audio Book Club on 11840 & 31 other fqs. 13-1330 Assamese 17835 17775 15425 15395 15295 15110. 14-1430 RSP&P in EG to As 21505 15220 11970 11845 11720. 14-15 Nepalese 17835 15510 15140. 1431½ WS pgm Focus on Asia, 11840 etc. 1511 Sat WS Listeners Forum & DX pgm, 11840 etc. 15-16 Malagasy 15530 15405 15350 11775. 1530-16 RSP&P EG ME/As 15370 15320 9750. 1531½ RMWS pgms on 11840 etc incl Sun Russian by Radio, Mon S&E, Tue CATA, Thu RATSU. 1630-17 RSP&P EG Af 21465 17850 15140 SSB-13820 11950 11690 11800 9530. 1630-17 RSP&P Hebrew to Israel 15210 12075 7440 7305 1170. 18-1830 Bambara 15570 15535 15140 13660. 1811 RMWS 11840 etc pgms Sun Listeners Forum & DX pgm. 18-1830 Zulu 15440 13635 12065. 1831½ RMWS 11840 etc pgms: Sat Rbyr, Tue RATSU, Wed S&E, Thu CATA. 19-1930 Fulani 15570 15535 15140 13660. 19-20 EG to GB & Ireland 15100 SSB-13820 13705 12075 11860 11820 9600 9550 7320. 19-20 IT for Italian workers abroad 12040 12000 9820 1548. 1931½ RMWS 11840 etc Sun Audio Book Club. 2131½ RMWS 11840 etc pgms: Mon S&E, Tue CATA, Thu RATSU, Sat Audio Book Club; 2211 RMWS Sat Listeners Forum & DX pgm, on only 8 SW fqs!! in Cuban hiatus, try 17850 17720 15285 15155 12075 12000 11670 9490. 2200 EG to ENAM includes SSB 13820 & 7493. 2231½ RMWS Focus on Asia on same fqs as 2211 exc 15285. (WBI 6/6) 9/5, All-Union R DS carried spl report in RS on VE Day parade in Red Sq 0545-0704; alt Orbita versions of Pgm I and Mayak linked up w/Eu USSR Pgm I; RMWS carried EG report from Red Sq 06-0704; FR RMI stayed on after sked 0600* to be own comtry til 0704; also bc GM report 06-0704; xmns of other important RSq parades, May Day and 7/11 not normally in GM (WBI 16/5) J85 sked for USSR 22mb xmns w/sites: 13605 Khabarovsk 100 kw 20-07. 13625 Krasnodar 120 16-2030. 13635 Kalinin 100 09-10 GM & Krasnodar 120 03-06 & 1530-23. 13645 Ulyanovsk 240 08-1630 13655 Yerevan 120 07-12. 13660 Nikolayev 500 1530-2130. 13665 Kiev 200 08-14. 13680 Leningrad 100 0230-1530. 13705 Nikolaev 500 08-2130. 13740 Tula 150 17-20. 13755 Simferopol' 240 1130-20 (Nagoya DXers Circle via Jun ADXN) From 1/9, fqs above 13755 also expected: 13770 WS 18-19, 13780 16-17 WS; could be 13775 & 13785 (Matthew Francis, Hobart, Tasmania, June ADXN) R Moscow JP svc hrd 1310-1607 on 2952, 2 x 1476 (Mark Warner, Melbourne Vic, April bandsurvey) Vlad 150

U A E V of the UAE, Abu Dhabi w/test to Eu on 9595 19-1958 hrd 30/4, 1/5, 4/5, F-G tho some jammer hiss u/. Basically EZL instls, IDs in FR & EG. Same pgm alt 3 days. EG IDs at 1903 1920 1934 1950: Dear Listeners in Europe, this test xmsn comes to you from the V of the U- A- E- in Abu Dhabi on 9595 kHz SW from 16 to 2100 hrs G- M- T-. Listeners who manage to pick up this fq are kindly requested to send us their reception reports mentioning in particular the quality of reception date, time, place. Feedback reports should be sent to the following addr: P O Box 63, Abu Dhabi, UAE [repeated] Thank you." Don't think tent test to NAM 03-06 on 15330 ment'd in RBW will make it very well and have suggested earlier time or lower fq; or better yet, designate last 2 h of Eu svc to ENAM; hate to see them make same mistakes as Dubai! (Chris Bagge, MA) Abu Dhabi testing at 0500 on 4820 (Arthur Cushen, RMN 6/6 via gh, Heathrow airport lounge)

U K O G B A N I Spectrum World Bcing will make a trial series of bc using SSB during May & Jun, possibly daily; look for 3905 LSB (varying to 3940) 01-07 (00-06 or later from 1/4); alt 7370+ QRN on LSB may also be available. During May listen for our 24h svc on 9960 AM. Pgm betw 04-06 or 05-07 include Break Fast, Hello World, DX Corner, Top 250, Mailbag. Address is Spectrum World, 134 Eastworth Rd, Chertsey, Surrey, England KT16 8DT; IRCs appreciated (1985 sked via Joe Talbot, Alberta) I wish I could get these a little earlier (gh)

AFRTS feeder on 7572 LSB, strong 18/5, better than 6030 or 11790; CFL shows site as Croughton, UK. Per 10/6 Waveguide, BBCWS now using an Optimod processing unit in audio chain; also revealed there will be no play-by-play coverage of cricket this season due to expense; but there will be live reports on matches daily at 1115 & 1445 (David Alpert, NYCNY)

BBCWS English by Radio we seldom mention, but some of the pgms can be quite good & entertaining; besides presentations in various fornlangs, EbyR is also presented extensively in English only; here is the complete SW sked of the latter from July London Calling: Eu 0430-0445 9565 7210 6150 6010 3990. 0545-06 9825 7260 6195 6150 3955. 0630-0645 9825 7230 6195 & 3955. 1115-1130 Sun 6125. 1130-1200 21630 17810 17780 17695 15435 15390 15270 15205 11835 11780 11680 9660 9610 9600 6180 6125. 1645-17 9625 7165 6195. 1845-19 6070. 2115-2145 11925

7140 6030. As 0030-0045 17710 15435 9725 6195. 0930-10 15360 11955 9725. 12-1215 6065 3915. 1645-17 11955 7180 6010. 2330-2345 9580 7180 6080 3915. SAM Mon-Sat 2315-2330 15390 11820. The last two I know are Ascension, but relay sites not specified. Presentation of pgm content is rather confusing & I hope I have unmixed it correctly; basically there are two different daily 15-min pgms. One is at 0030, 0430, 0545, 0630, 0930, 1130, 1200, 1645, 1845, 2115, 2315--exc Sun, 2330--exc Sun & Wed [one assumes the days are strictly GMT tho the 0030 might be re-pat of previous GMT day]; same to all target areas w/exceptions specified: Sat, Conversation Pieces--chat and small talk. Sun, Studio 85--magazine pgm; Sun 1115 Teaching Alive--classroom methodology. Mon, Can I Help You?--answers to listener questions. Tue, Lord of the Manor--romantic serial. Wed, Changing Scenes Continental--story of a group of actors travelling thru Eu. Thu, Medically Speaking--for medical profession. Fri, Day by Day--fictional diary of a young man. The other group, at 0945, 1145 and 2130: Sat, English Anyway--amusing beginners' series. Sun, Roundabout--mx adventure series for young people. Mon, Countdown--practical EG for exams w/country in Chinese, for As; Conversation Pieces, for Eu. Tue, The Missing Jewel--thriller serial w/country in GH to help improve conv EG, to As; Say It Again featuring cinema stories, to Eu. Wed, Encore--exercises based on Changing Scenes. Thu, EG for Intl Coop--varieties of EG in dramatic and exotic situations. Fri, What to say when--appropriate lang for various everyday situations. Remember that EbyR in some lang svcs has pgm called "Radio Rainbow" or used to--not to be taken as a newly discovered stn! (gh)

U S A WMLK, Bethel PA, continues oclt tests: hrd 16/5 & 17/5 17-1750+ on 15110 w/het QRM, weak sig here (Ed LaCrosse, Redding PA) Conducting eqp test on 15110 at 1800 17/5; and 17-19 on this fq; 04-06 on 15150, but s/off at 1830 (Chuck Oliver, Spring TX) 27/5 1720-1801 on 15110 w/SINPO 45454, as above, said making adj for direct voice mod; read scripture passages; gave geog refs: 130 mi W of NYC on Route 78; 40 mi E of Harrisburg; 40 mi W of Allentown and 40 mi N of Lancaster; invited visitors; maybe I'll take them up. Verified in just 3 days; no data confirmation letter signed by Elder Jacob O Meyer (Richard A D'Angelo, Wyomissing PA) & other DXers are complaining of no-data; but puts them on mailing list for their monthly mag, The Sacred Name Broadcaster which will run pgm skeds and report on stn; motto: Psalm 83:18; and opens w/"Greetings from Bethel in Yahweh's Great Name," (gh)

Per a visitor from the stn interviewed on pgm, WYFR plans to add Japanese & Swahili svcs (Austrian SW Panorama, 9/6 via gh)

KRSP, Salt Lake City, hoped to begin construxion in May; that'd take 6 months & then they'd begin being their AM stn's Top-40 format for 10 hpd; format'd change and hrs increase 'as time & money allows'. Says sig'll be beamed toward Ontario from 30 acre site; 2nd ant planned for SAM (SW Guide via Jun DX Ontario)

WRNO made some fq changes due to QRM, so sked is now: 15-17 11965, 17-21 15420, 21-2230 on 11705, 2230-01 9852.5, 01-03 7355, 03-05 6185; Sun only 05-12 6185, 12-1330 9715, 1330-15 11965 (Matthew Bell, WRNO, 12/6) 11705 & 9852½ are the changes; axually I think this ocured in late May; WORLD OF RADIO remains GMT Sat 0430 on 6185, GMT Sun 0130 on 7355, Sun 1300 on 9715 (gh)

For J85, VOA OOB outlets, not shown on fq sked, are: 7325 Woofferton 300 kW (two xmtrs synchronized) 06-08 EG Eu. 9455 Gvl 250 00-04 EG E Carib. 9840 Gvl 500 0030-03 SP W Carib. 11580 [11582.5 when I checked -gh] Gvl LSB 50 00-04 feeder to Antigua. 15580 Bethany 250 16-23 EG Af. 15600 Monrovia 250 0815-0845 M-F Af pgm to SAF; 16-1830 EG SAF. 17640 Gvl 500 1730-22 PT & FR Af. 21840 Gvl 250 17-18 EG SAM first Sun of month only (Robert Jones, Jun ADXN) 5747.5 SSB also VG 00-04 in EG (gh) VOA plans to instal four 500 kW xmtrs at Gvl; will be from different manufacturers; each'll be compared w/others; following evaluation, VOA'll then order 100 xmtrs of 500 kW each, for upgrading its various world-wide relay bases (Robert Jones, ADXN) Wow, what a windfall that'll be for the lucky winner! (gh) & what'll become of the ionosphere...? Worldwide SW Spectrum plans to report on ANARCON the last pgm in July & first in Aug, Thurs 1330, 1730, GMT Fris 0230 (gh)

URUGUAY SODRE ES for Uruga abroad 00-03 on 15295 [sic, used to be 15275v] & 9620, each w/2½ kW, omni ant; new bc centre under construxion; will go direxional and raise to 5 kW; reports wanted to San Jose 1116, Montevideo (Gustavo Gil, ibid., RNMN 20/6) So no more EG?

VENEZUELA R Nacional ES found on new 9500, reduced carrier, 12/6 1130, distorted a bit but better than // 9540 w/VOA QRM; ancs 9540 & 11695, where not hrd; times as 11, 14, 18, 00 (not 01), 03 for an hour; also noted on 9500 at 14, and evening, probably all xmns til they get tired of it and move again (gh) R Capital, 4850, sent no-detail letter and giant 20 x 17 cm sticker by registered and express mail from v/s Manuel Correa, Gerente de Producción y Operaciones; took 35 days; WRKTVH addr is wrong again--correct one is: Centro Comercial los Ruices, Av Francisco de Miranda, Caracas (Bernhard Gründl, W Germany, OMDC DX Log 19/6) R Bolívar, 4770 reactivated after longish absence, hrd 4/6 0225-0245, usual Lam mx format; ment'd "El primer de Caracas" in doorbell chimes; proper Bolivar IDs, P (Gründl, ibid.) 3/6 1000-1014, back after some 6 months, Recuerdos pgm w/YV pop hits, clear ID 1014 (Steve Reinstein, DXSF) & see EARTH

VIETNAM VOV DS, Hanoi, and 31/5 that Pgm I'd be bc on these fqs from 5/6: Weekdays: morn 10060 6450 5920 4770 3999; noon 10060 7416 6450; aft/eve 10060 7416 6450 5920 3999. Suns: morn/noon 10060 7416 6450 5920 4770 3999; aft/eve 10060 7416 6450 5920 3999 (WBI 6/6)

ZAMBIA [cf June LN unID on 3345] ZBS, Lusaka, Genl Svc reactivated on 3346, fair in EG 18/5, disco sound, ID, long s/off giving full sked, few relig words; 2204 anthem; 2205* Fri/Sat, 2115* other days; first noted by my friend Roland Schultz 1/5 (Bernd Gründl, W Germany, DX Australia) Reactivated, EG ID 5/3 2130-2200*, G-(Giuseppe Zella, Play-DX, Italy) ZBS measured on 3346, 10/5 0125 0141, mx of Af & disco mx, M ancr, 0139 EG ID (Don Moore @ Gabriel Iván Barrera, Buenos Aires, Argentina) Presume this in Arg time, UTC-3, like accompanying Botswana item (gh)

CLANDESTINE CRANNY R Truth Caught the last 7 mins of this arnd 5015 at 0453-0500 19/5; marginally readable in AM, VG in USB; W anc'r w/talk on failures of socialism in Af nations--'economic disasters'--'we must resist the intimidation and vote for democracy and free enterprise'; ending w/horn fanfare, said back to-morrow, bird call IS for a minute, then OC/het; strong hi pitch het during pgm might have been OC jammer; moments when quite clear in AM; has an addr ever been found for this? (Chris Bagge, Springfield MA) The South Africans, who are obviously behind this, are aiming to turn back the clock in Zimbabwe, and have a PO box in Britain for listeners: Mr J Brown, P O Box 4, Stockbridge, Hemp. S920-6LE, England. Hrd on 5015 10/5 *0430 w/bird-call IS, EG ID by W sound-ing like Margaret Thatcher, contry against ZANU-PF's "one party state" policy. Don't count on tuning in this cland regularly because reception in US is usually poor--even when on USB--since a lot of het is present during bcs; anti-PLO & Arafat comments audible 0456, s/off 0500 (Vito Echevarria, Fordham Univ, NY)

Saf nx agcy SAPA reported 20/5 that Zimbabwe's Info Min had told a Commonwealth Secretariat conf in London that day that the Zimb gov planned to open a propaganda radio beamed at Saf carrying pgms prepared by 'libn mvmts' w/in 12 months. Said Saf had been warned that Zimb was going to reply positively to Saf's "info aggression" and that it was going to establish ES of ZBC in next financial yr; it'd be beamed to broad masses of Saf & Namibia and'd provide link betw them and progressive peoples and orgs supporting them. Bcs'd be prepared by libn mvmts in SAF. SAPA said Zimb Info Min had been one of opening speakers at 3-day conf aimed at find-ing ways to counter "S African apartheid propaganda". Accused Saf of being 'highly inflamma-tory info' on radio pgms aimed at a tribal sektion of Zimb pop (presumably ref to R Truth). Said SABC had extensive ES distorting and slanting nx abt Af, and especially about OAU and 'Front-line States' (WBI 23/5)

/more, IMI

R SPLA This stn on behalf of Sudan People's Libn Army and Sudan People's Libn Mvmt, ancd 8/6 a svc in local Sudanese langs (Nuba, Nuer, Dinka, Shilluk, Bari, Latuka) 'd begin 15/6. It'd be on air 11-12 and wouldn't affect regular R SPLA pgm in EG & AR daily 13-14 (WBI 13/6) fq?

V of the Libyan People, hostile to Qadhafi on behalf of Natl Front for Salvation of Libya--NFSL--is back on air again, hrd 10/6 18-20 apx on 11975; after Koran recitations, statement by NFSL Secy Genl and NFSL Natl Council Chmn, reported was back after months of prep via UNID loca-tion; VOLP was hrd again 04-06 on 11975; had ceased to xmit from Sudan when Pres Numayri was deposed in Apr (WBI 13/6) Funny WBI didn't refer here to their previous report, in Jun IN, that new hostcountry 'd be Egypt; hrd AR stn arnd 1830 on 11975, presumably this (gh)

V of Turkish Communist Party, via GDR xmtr, gives this addr for listener letters: Box 16-367, S-103 27 Stockholm, Sweden (WBI 30/5) This and related stn **Our Radio** [Bizim Radyo] ancd 6/6 they'd intro new sked 10/6: VOTGP'd bc at 04, 05, 12, 13, 16, 17, 20, 21 on 9585; 08 & 09 on 11820. Our Radio'd bc at 02, 03, 06, 07, 14, 15, 18, 19 on 9585; 10 & 11 on 11820; use of 6200 dropped. Our Radio also ancd it'd bc at 1015 & 1445 on 9500; 20 & 2030 on 5915. Ed note: 9500 & 5915 believed to be from Romania; 11820 & 9585 thought to come from GDR; amount of bc from GDR remains about same while from Rom reduced by two half-hour bcs. No longer ments xmsn at 06 on 9500 or 1740 on 5915 (WBI 13/6) Note Tunis is on 9585 until 07 in AR; Bizim later on 9584 (Noel Green, UKGCBANI, RCI SWLD 2/6) cf June IN IMI

Free Afghanistan, see PAKISTAN, IMI
V of the Communist Party of Iran, 3864 *1725 w/Intl for 5 mins, then ID "In Seda-ye ishte Kom-eniste Iran" twice (more like the way Viet regionals do, hi) Addr given at 1835 is for E.M., Box 2123, London, but some days seems to give diff addr in Italy(?). Weekday sked is *1725-1900* but noted on Suns to 1915* Last 15 min carried numerous number codes, spy-stn type. May be weekly homework for their loyal comrades, hi (Prodyut Banerjee, Calcutta, Apr IDXCI ADRX)

V of Feda'i QSLed after 2 months; sked 17-1745 on 3941 4680, repeated 09-0945, all in Farsi; addr B.P. 43, F-94210 Fontenay-sous-Bois, France; also sent C60 studio tape (Finn Krone, AWR)

V of Mujahiddin Afghanistan noted on 11630 & 9855 (and occ'y 15050) *1528 w/initial Koran rec-itals. Jammers effective from a few mins after s/on on 11630 and 9855 but often ignores 15050. S/off 1625*. Definitely using same xmtr facilities as **Nejat-e-Iran** because on one occasion they had left 11630 on up to s/on tune from Nejat-e-Iran at 1630 before suddenly pulling off the plugs. All fqs, VG strength; Austrian addr (Prodyut Banerjee, India, IDXCI ADRX Apr)

V of Tamil Eelam hrd w/test in Tamil on 49mb at 1035 12/4; 24/3, one xmtr on 7010 relayed xmsn on 6990 1 min 38 secs later; so seems two xmtrs. Sri Lankan authorities jam VOTE w/flutter-jammer noise (M K Shaikh Jawahar, Apr IDXCI ADRX) VOTE new sked, bc by People's Libn Org of Tamil Eelam: Tamil Wed/Sat/Sun 0230-03, 1030-11; EG wed/Sat 03-0330, Sun 11-1130; Sinhala Wed/Sat 11-1130, Sun 03-0330 on 6800 6900 & 7920 (R Chinna Raj, ibid.) I suspected 7920 was a typo for 7020, but RNMN 20/6 played a tape of stn which seemed to mentn 7920; also said there are now 2 other stns associated with it: on Sat only, a diff pro-unity outlet; and a continuous mx stn nr 7 MHz on the air at same times as VOTE (gh)

V of the People of Burma, on behalf of Burm Communist Party, not hrd at 0030-0240 & 12-1410 on 7570 or 5110 since 16/4 (WBI 23/5)

Ba-Yi 12120, 6/6 1358 Mandarin M talk w/ID, 1402*; other times are 1427-1432, 1457-1502. Chi-nese engr visting US told me stn bc from Taiwan (MacGibbon, OR, SPEEDXGRAM) Chinese from where? (gh) Taped, hope to get literal xtn of content (MacGibbon)

V of Khmer Info supplied by Khmer People's Natl Libn Front (KPNLF) Info Bureau in London says stn (Cambodian: Samleng Khmer) bcs on 1250 kHz 04-06, 11-13, 2230-2430 daily; beamed from Camb /Thai border towards Phnom Penh (WBI 6/6)

V of the Natl Army of Democratic Kampuchea, in Cambodian hostile to Camb govt and Viet involvement in Camb, now hrd on 5407 ex-5200; latter last hrd 15/5 (WBI 23/5) Returned to 5200; 29/5 stn and that from 1/6 l'd be being in Camb 2315-01, 05-0630, 10-14; incr of 30 mn ea. Viet pgms 01-0130, 0430-05, 14-1430 (WBI 6/6) Cambodian ID: Samleng Kangtoap Cheat Kampuchea Pracheathippatai; supports coalition govt of Demo Kamp, hostile to present PP regime, Viet involvement; inaugurated 14/2/83 (WBI 13/6)

Vietnamese Resistance R, hostile to govt of Viet, currently hrd on 7320 ex-7355; ancs it uses 30 & 40-m bands (WBI 23/5)

V of People of Malaya Correct sked is Malay 22 & 1230, Tamil 23 & 13, Mandarin 2230, 12, 15; Cantonese 2130, 1130, 1430, no EG; ea xmsn 30 mins on 7070. I've been listening to them for a while & noticed they sometimes don't bc in ML & TM. But on the air w/out fail daily in MD & CN. Sometimes quite hard to listen due to QRM & jamming. New Straits Times newspaper recently said "Now only abt 2000 guerrillas based in camps in southern Thailand keep alive the hope of one day turning 'capitalist Malaysia' into a Marxist state. Some 1200 guerrillas belong to the orthodox Communist of Malaya [sic], 770 to a breakaway Communist Party of Malaysia Marxist-Leninist faction, & 90 to the Communist Party of Malaysia Revolutionary Faction." That explains why there are two diff clans run by CPM. Great possibility they are in S Thailand as they are active there. I believe VOFM is operated by CPM while V of Malayan Democracy is run by CPM-ML or CPM-RF. Per same report a certain commander of Thailand's Army, LtGen Wanchai Jitjumsong was quoted as saying "his forces are determined to wipe out CPM activity in S Thailand" so it'll be interesting to see how long stn lasts if they indeed op from S Thailand (Pius Heng, WDXC)

E Timor/Australia Ops of a clandest radio link w/anti-Indo guerrilla group in E Timor has asked Australian govt to legalize their xmtr. Brian Manning, spokesman for Au Coalition for E Timor told reporters group had applied for license to xmit to guerrillas in the former Portuguese colony annexed by Indonesia in 1976, and now called Propinsi Jawa Timur. Mr Manning said radio contact w/E Timor had resumed in Jan after a 6-yr silence after guerrillas obtained radio eqp. Indonesia said recently it expected Canberra to close radio link. Cause journalists and other independent observers are unable to gain access to island, radio contact'd allow them to at least obtain guerrillas' views of situation. License application is pending (undated Reuter dispatch via Frank F Orcutt, Buffalo NY, 8/6) I vaguely recall it was called Fretilin R, and somewhere in 6 MHz fixed band (gh)

R Monimbó, 6230: C Zettl of México is right--Monimbó ancs certainly have distinctive accents and are almost definitely Miskito. Monimbó is a Miskito barrio in Masaya city that was the site of the first major public uprising against Somoza and was the center of anti-Somoza revolts in early 1978. On 21/2, inhabitants of the neighborhood held a memorial mass for Pedro Joaquín Chamorro, the recently-assassinated editor of La Prensa; the Guardia Nacional "brutally dispersed the mourning mass celebrants with tear gas and rifle butts," per journalist Bernard Diederich. Miskitos fought back, meeting Guardia's tanks and machine guns with cane spears, machetes, and old hunting rifles. Guardia finally won the 8-block neighborhood on 28/2. An estimated 2000 Miskitos fought; estimates of Miskito dead ranged from 50 to 200, incl many children. Miskitos' resilience and the Guardia's murder of over 20 Indians who had lain down their weapons inspired uprisings in the rest of the country. Monimbó was later the base for FSLN attacks against Masaya. It's likely that by using the name "Monimbó" the stn's organizers want to remind unhappy Miskitos of their fight against Somoza and plant the idea of another uprising, this time against the Sandinistas. Stn is firmly anti-Sand and sounds pretty slick for a supposedly poor, grass-roots clandest. Story behind Monimbó is fascinating. If someone wants more details, Bernard Diederich's Somoza has a section on it; Gregorio Selzer's chronology (Spanish) in La Batalla de Nicaragua shows Monimbó's effect on the uprisings against Somoza. In A Revolução das Crianças (Portuguese), Caco Barcellos gives a dramatic first-hand account of the battle in Monimbó. P.S.: Some of Monimbó's blurbs: "la voz de la democracia y libertad"; "la voz de la libertad democrática" or "la voz de la libertad y democracia"; "transmitiendo en la frecuencia de la libertad y la esperanza del pueblo nicaraguense"--I like this one!; "en la onda de la verdad" (Cathy Moore, Madison WI) Great! Please let us have your insights about other clans & stns! (gh) I was astonished 24/5 to hear R Monimbó on 6230 0245-0300, mx & talk by W about lack of materials in Nic schools; surprised at low-key approach. Still can't believe I hrd them; my ant is not that good. Wonder if first reception in SAF? (Tim Hendel, Pretoria) Don't know, but certainly makes it to Eu: (gh) R Monimbó, anti-Nic clandest, run by CIA, F-VG on 6230 19/4 & 24/4 0055-0125; my by Little Tony (G Galassi, Gambettola Italy, Fly-DX)

R Quince de Setiembre, Honduras, new fq 5690 for this CIA stn, hrd 21/4 // another new one, 5365.3, tho the latter is full AM and most powerful (Juan Carlos Codina, Lima, Perú) No time (gh) R 15 de Septiembre, la voz de la FDN y la CIA [no doubt reporter's terminology, not stn smt, hi -gh] hrd 20/4 on 6495 w/Nic anthem, SP IDs by M & W at 0358 SIO 232; f/out 0400. 27/4, hrd on 4950, same fq as Angolan clans V of Resistance of Black Cockerel, V de Verdade at 0435 //5565; SP mx on battles in Zelaya prov at 0440, where 152 Sandinistas killed by FDN forces; then talks on Comandante "320" and usual melodramatic anti-FSLN propaganda, SIO 242 (Vito Echevarría, Fordham University, NYCNY) (AR)

LV de Sandino, 3639v, 26/5 0312, M in SP w/speech, W shouting, ID, vy weak, 22222 (Hickerson, R Farabundo Martí has fund-raising campaign to collect 30 kilodollars to support 7 roving correspondents (SCDX bc 21/5) [cf Jan IN-29] During 2-week visit to San Diego area checked for RFM pgm on KPFK-90.7 Los Angeles, 14/6 0145 UTC--had pgm in SP ments of R Pacifica, but not RFM; lasted to 0215 w/out EG or SP intro/closing as to nature/producer of pgm; dealt w/

happenings in El Salvador; no legal ID between 0125 & 0230; have written for pgm sked; Dan Sheedy says KPFF airs a lot of pgms for groups othersn won't talk to (Mike Harvester, Modesto) Hrd on 6740.1, 8/6 0006-0022*, F, SP M&W pro-FMLN rhetoric, local vocals, fq; promos for FM 105 (Terry Krueger, DKSF) Purportedly from Chalatenango province, El Salvador, hrd since 2300 11/5 on 6740 ex 6630; 1230-13, 1830-19, 23-24 (WBI 23/5) & see next item

R Venceremos 3/6, RV hrd starting spl xman on 6552 and ancing it was attempting to contact RFM in Chalatenango prov, in order to link up for report on release of several prisoners of war in La Laguna, same prov. 1702, RV hrd on 6805 & 6552 ancing linked bc w/RFM underway w/ live reports from La Laguna; RV also hrd on 7059 at 1715. RFM hrd on 6855 // RV 7059 6805 6552. Link-up ended 1925; RV to 1931* and RFM to 1934* (WBI 13/6) RV hrd on 6560 8/6 0240, new fq? (Chuck Oliver, Spring TX) Have noted excellently modulated mx jammer (?) hanging arnd Venceremos for past month, in 6540-6580 range, usually in the clear and not even creating a het; last hrd playing Creedence Clearwater Revival tunes arnd 6555 whilst RV on 6545; at first I thought this was a local pirate! (Chris Bagge, Springfield MA) 16/5 on 6550 arnd 0240, stn playing nothing but pop like Elton John, Phil Collins, The Police, VG sigs SIO 555; first thot pirate but then realized stn attention w/no luck to jam RV; which was on 6560; RV moved to 6545, then back to 6560 at 0250; afterwards, RV was QRming the mx jammer at 0300--that's a switch! After RV moved to 6555, mx jammer s/off 0330. This mx jammer must've been 'asleep' since it never attempted to actually jam RV--so maybe the jammer really was a pirate... (Vito Echevarría, NY)

R Antorcha Martiana hrd 4/6 0123-0125 arnd 7080 w/M in SP, ID, anthem, another M exhorting Cubans something about "la patria libertad". Off abruptly 0125 and not hrd next eve; F sig, above QRM; name sounds familiar (Chris Bagge, MA) Yes, one of sporadic minor Cuban clans

LV de Alpha 66 hrd frequently since 5/3 in 6665-6670 range; at first 02-0230, but more recently 01-0130 (Chris Bagge, Springfield MA) 6666v, 0105-0125* tho logged many times remains my favorite cland. Fast-paced pgm w/ M&W ancrs, info on "Plan Máximo Gómez" to further disrupt failed Cuban economy thru sabotage. "Cubanos, todos a luchar. Cuba para los Cubanos. Arriba Cubanos, sabotaje y atentado es la consigna" (sabotage & violence is the password). Four-digit number groups by W at 0118; and sked M/W/F 9 pm on "6666 kilociclos, banda de 40 metros". Comentario Editorial by Dr Diego Medina; themesong & ID, "hemos presentado LV de Alpha 66, con un mensaje de libertad, para el pueblo de Cuba que sufre". Vy strong & clear but drifted to 6671.8 by s/off 30/5 (Steve Reinstein, DKSF)

LV del CID Somebody jamming this 11/6 0145 on 6305--wideband motorboating sound; is this the tip of the electromagnetic iceberg? (Chris Bagge, Springfield MA) On 12610, 2 x // 6305, 8/6 0710 in SP, weak harmonic, strong fund (Mitch Sams, AR) R Camilo Cienfuegos, 9940, from 1300 all day long to evening when they change to 6303, and 7352, very close to WRNO; strong on all fqs (Camilo Castillo, HPIAC, Panamá2, 9/6) RCC has verified for Juan Franco a report on 6300 & 9940 at 0345 in SP; report was sent to addr in Spain, Apdo. 6019, 08080 Barcelona w/ 800 ptas in stamps. No correspondence to this addr should be marked "CID", at least not on front of envelope; someone there is in charge of correspondence from Spain (May MADRIDX)

R Martí June LN's report on this station was written on Day 2, 21/5; on Day 3, it shifted the 12-14 block to 9570 from 9580 due to complaints from R Australia listeners; however, near its target area here, RM is so strong that hash from 10 kHz away still disrupts RA. VOA apologized, saying it was relying on ITU registrations that RA is being to the Pac then; so RA has itself to blame for having officially deleted NAM as a target area; this flap actually made the wire services. Reaction? Cuban travel ban not strictly enforced w/chartered flights still going to Miami; 5 weeks later there was none of the direly-threatened Cuban jamming of US MW stns or even increased jamming of 1180 itself.. RM was supposedly not appealing to today's Cubans in Cuba, with its pre-revolutionary sound and inability to tell them anything they don't already know about living conditions there; yet, the Cuban exiles weren't happy with it either, since it's nowhere near so headline anti-communist as your typical Miami Cuban stn. Altho it plays an old novela and an old comedy, the rest of RM sounds pretty modern to me; I like their music and production. The signature tune is "Clave a Martí," or Key to Martí, written shortly after the patriot's death; in xltm: "There is a voice missing here, the voice of that Cuban mockingbird, of that brother martyr, whose name was Martí, whose name was Martí." Castro reacted vehemently not only to the stn but in particular to the choice of name since Martí is regarded as Communist Cuba's national hero; rather uncharitably, he refuses to grant the Cuban exiles the same feeling toward him, and they, of course, say Martí would never have approved of communism. The US again finds itself in the middle of a proto-civil war (gh)

Jamming of R Martí started on Day 4, especially on 11930 & 9660, and R Moscow squeezed it on 9655 & 9665; jamming seems to come from existing facilities in EU (Joe Buczyński, MA, RNMN 30/5) There is jamming on these fqs, but remember that they are shared with RFE/RL, already jammed, so it's risky to conclude R Martí was deliberately jammed; if so, certainly ineffective in target area, tho while in UKOGBANI I was never able to hear RM either due to propagation, jamming or QRM from closer stns--Spain 9570, Libya 11815 (gh)

In the 30/5 Miami Herald a 'diplomatic source' was cited as saying Cuba was planning to inaugurate an EG MW pgm to US called "Radio Lincoln"; this was some 2 months worth of pgming available and stn merely awaiting green light from govt (David Potter, DKSF 6/6) Contrary to the RNMN report of 23/5, jamming of 1180 kHz is not new, SW fqs are and over R Martí, and the Cuban exiles I've heard interviewed or talked to do support pgm; maybe RNMN should stick to the boring topic of Euro offshore radio (Terry Krueger, DKSF 6/6) Many phases of media guilty of spreading misinfo abt RM; vast majority of Cub-Am exiles support RM and its inauguration was treated as something of a National Holiday in Miami! Local south FL media had to search pretty hard to find anti-R Martí Cubans in Miami! No real jamming noted on 1180, despite media re-

ports, especially ABC NIGHTLINE which aired the sound of severe TVI and called it jamming! The weak carrier on 1180.7 was absent 21/5, but that has been on and off for years and certainly doesn't constitute a serious effort to block RM. Fq 1180.070 is a TV sweep oscillator harmonic (75 x 15.734 kHz, 525 line NTSC color, per NRC chart) (Steve Reinstein, DXSF)

20/5, TASS reported on Cuban govt reaction: decision of USG to start 'subversive' bcs beamed to Cuba was cynical, provocative. Cuban people regarded as 'gross insult' its using 'glorious' name of fighter for Cuba's freedom & independence, José Martí. Cuban govt statement to head of dept representing US interests in Havana stressed 'unsavory provocation' staged by US at a time when Cuba was taking constructive steps in various spheres to ease tension betw 2 countries. RM pgms showed 'obvious' intention of US to answer rudely the justifiable statements of the Cub govt abt critical economic position of countries of IAm/3rd World, huge forndebt which could not be repaid and plundering of economy of those countries which'd been possibilized by inequitable system of intl rels. No doubt USG was striving to create arnd Cuba an atmosphere of tension & conflict which'd distract attn of world public from these serious problems. Calling the USG axion 'perfidy', Cuban govt and counter-measures involving revision of existing agreements betw the 2 countries on a number of questions (WBI 23/5) WBI 30/5 misquoted MN re the SW sked, claiming 9750 instead of 9570 (gh) R Martí has been heavily covered in the press, but here are two items in particular you may want to look up: Granma Weekly Review May 26, carries the ofl Cuban govt statement abt RM (via Owen Williamson, TX) Wall Street Journal, June 7 has "A Visit with Fidel" by Arthur Schlesinger, Jr., frequently touching on Dr Castro's personal reaction (via James J Halsema)

Those reporting reception to R Martí promptly received a verification letter from Fran Masterman, Management Asst, R Martí Pgm, VOA, Wash DC 20547, promising to follow with a QSL card when they are available; she gave the usual SW sked, site not specified but definitely Greenville, with powers as 250 kW on 6075 9570 9660; 500 kW on 11815 11960. The last is a mistake, for 11930 where it still is confirmed to be (via Tom Gavaras, MN; Phillip Dampier, NY) Contradicting this is an item from Robert Jones, who normally has good inside VOA info, that xmters are only 50 kW, GA7 and GA8 alternating, at 205⁰; strength here suggests otherwise, tho 50 ought to be adequate over such a short path in the absence of jamming (via ADXN, gh comments) RM hrd 24/5 1245 on 9570 w/Panorama Artístico, gave SW sked, 1300 ID, Cuban mx thruout; I wonder how Cuban clands like LV del CID will react to the 'new kid on the block'? (Vito Echevarría NY) RM on 9660 0010-0021 2/6, SIO 3-43+, talk abt Angola; will this set a IN record for most reports? (Richard A D'Angelo, PA) No. & we finish w/2 reports of off-fq opnd by R Martí, both of which I doubt tho there was loose talk among exiles in Miami that to avoid QRM stn might move around (gh) R Martí on 1180.5, 21/5 0150, drama in SP, ID, mx in EG // 9660?, 22322 (Gary C Hickerson, AR) Maybe you were measuring the 'cohete' instead; EG??? (gh) Fair signals at 1500 on 11813 (Camilo Castillo, Panamá2, 9/6)

NORTH AMERICAN PIRATES

Secret Mountain Laboratory 19/5 2252-2312 on 7434 w/Firesign Theatre "Dear Friends" & mx; claimed to bc from Hilo HI; barely audible w/lots of static, some SSB QRM (John Norfolk, OKCOK)

R Woodlands Intl, The V of Nature, hrd again 29/5. E sigs, superb mod, arnd 7435 2330-2340; an-cr "Jack in the Green" w/the "Special Olympic National Park and Pacific NW Pgm". This one is hi power or close by; ancr sounds like he's stoned (Chris Bagge, Springfield MA)

UNIDENTIFIED

15582 caught at s/off w/NA, 13/5 0245 (Chuck Oliver, Spring TX)

11558, 21/5 0210, M orator in AR to 0225 M solo, 0228 pulled switch while playing flute mx (Chuck Oliver, Spring TX)

9920 [cf previous reports] Latin & rock mx; starts & ends mxsn w/Nat King Cole Spanish "Ojos Negros" song; 1300-1500, all mx; nights starts around 0000 on 7400 same song & s/off 0200 vy strong w/same song. Sometimes eves relays 6303 R Camilo Cienfuegos mx & comments; logged regularly for almost every day since mid-May 1985 (Camilo Castillo, HPLAC, Panamá2) But George Zeller has noted a xmtre overlap at 0200, so this is not relaying RCC (gh) Mx only stn on 9920, 21/5 & 22/5 1305, G but long deep fades, sounds very much like stn on 7400 evenings; any ID on this yet? (Ed LaCrosse, Redding CA) No, but there was some speculation, in DXSF I think tho I can't locate it at the moment, that it was strong enough to be in Dade County rather than Guatemala. AWR-Guatemala is supposedly being 'refurbished' and the possibility that it is the source of this was also raised by Andy Sennitt, on RNMN 20/6)

6716 RCUSB, IAm stn, first hrd w/pops 2350 18/4; gone at 0004 check (Juan Carlos Codina, Perú)

6650 First hrd 5/3 0140-0225 arnd this fq w/Andean type mx, 0202 amnt including TC, indistinct ID by M, ment of onda corta; again 11/4 0023-0200+, seemed up to 6652 or so; played "Birthday Song" in EG 0157, instl "Blue Danube" waltz 0202, but basically Andean mx; following week w/ poor sigs, tent ments of Cajamarca, in 6650-6655 range; suspect Perú and probably 2nd harmonics; help? (Chris Bagge, Springfield MA)

6012v 7/6 0510+ G level from carrier but vy low mod; thought it could be AFAN but hrd several Latin tunes, SP, ads; down to 6011 by 0530; on 6012 next morn at 1230 (Mitch Sams, AR farm)

5553.9 Hrd again same stn of two weeks before on 5553.6 w/same Colombian-like mx, same faint sig, 21/4 2255 (Juan Carlos Codina, Lima, Perú)

3240 1205-1220 fade 8/6: tuning thru 90m at 1205, a little over an hour past local sunrise, band was completely dead exc CHU and this--f/in/out going from strong to practically nothing; vy pro format w/nx by W & M, many ments of 'socialista' and 'cubanos', also items about other Latin-name places; mx to 1220 when sig peaked vy strong then quick f/out for good. Not // 5025 Rebelde; format too slow for R America; doesn't sound like Ecuadorian, Antena Libre; instead this sounded much like US MW harmonics, propagationally speaking. that I've logged on 90 m

late in the morning widely varying signal level from fade to fade, clear peaks etc; reminded me of R Martí, ancrs could easily pass as VOA. Harmonic from 1080 or 540? The latter could be Mexican (Mitch Sams, AR) Checked one morning here but nothing. Other possible fundamentals are 1620, 810, 648. The San Luis Potosí SLP powerhouse on 540 has been reported off the air lately; possibly they were tuning up for a return. Tho less likely propagationally, Cuba is noted for inexplicable fq appearances (gh)

LAST MINUTE ITEMS

ARGENTINA [Cf Jun LN] The R Belgrano SW xmtz was saved since it was installed in a bldg next to the one that was damaged (Anselmo Roccaforte, La Plata, Jun LADX) So 6090 & 11780 should've continued OK (gh)

BOLIVIA R Urkupina, 4300.6, first hrd after many checks, 15/4 as hxt to Moderna on 4300.1; no problem to separate w/the marvelous [NRD]-515; Bolivian quena mx at 0016 (Juan Carlos Codina Lima, Perú) R Sararenda, Camri, 16/5 1049 on 4885 w/cumbias y cumbtones, ID, 52332; had not been reported since May 1980! (Emilio Pedro Povrzenic, Argentina, LADX Jun) [Cf main section; same source presents in more detail EPP's report which actually originated w/Rogildo Fontenelle Aragao, Bolivia DX Club:] R Panaméricana v/s is Daniel Sánchez Rocha; R Fides v/s José María Lop; R La Cruz del Sur v/s is Pastor Rodolfo Moya Jiménez, director; addr is Casilla 1408 [WRTH says Cajón 1408]; R Illimani v/s Fausto Caballero Molina, dir. R Nueva América v/s Raúl Salmón de la Barra, director or Rómulo González Arrocha, director técnico. R Nueva Stentor addr is Manco Kápac 434, La Paz, new studio location near the train stn. R Cristal v/s Mario Castro M, dir. R Altiplano addr is Casilla 1081.

BRAZIL [Cf April LN] Changed basic plan for 49m to be implemented 5 Oct 85 at 0300: 5980. Ceará R Clube, ex-5975; 6030. R Globo, Rio, x-6105; 6105. R Tupi, Rio, ex-6030; 6160. R Pampa, Porto Alegre, x-5965; 6170. R Cultura, São Paulo, x-6165; this is said to be the final version (Claudio R Moraes via Olla Alm, SWI 16/6) Basically this moves the few stns in the previous list which were shown as not changing fq. One wonders whether any consideration whatsoever has been given to usage of the 49mb by stns outside Brazil (gh)

CANADA Some July pgm hlites on RCI: SWL Digest, 13-14/7, EDGX Report w/Roger Tate, Newcomer Corner; 20-21/7, Larry Magne test report, Don Jensen Tropical band report; 27-28/7, joint pgm w/SRI from ANARCON, Milwaukee; gh DX news on each. Canada à la Carte, Sat 1805 & Sun 0005: Cold War in Canada, pt 7 (conclusion) on how media responded to C.W. issues; Ian McFarland's monthly look at Natl Top 40 Hit Parade Chart in Canada. 20/7, Peter Gzowski talks w/former law school dean Jack London about judges in Canada, how they are appointed; humourist Arthur Black on hi-tech sports; Jay Ingram interviews Prof Michael Bliss about his biography of Frederick Banting, discoverer of insulin; author Stephen Freygood reads 2 stories from his book "Headless George & Other Tales Told in Canada". 27/7, Freygood w/2 more stories; Black pokes fun at what Canajuns consider nx; feature report by Margaret Daly on present & future of Natl Film Board. Spotlight on Science, which replaces Coast to Coast thru Oct, UTC Sun 0306: 13/7 new way to detect brain abnormalities in neonates; univ students invent car engine that is started w/match; revolutionary new method of generating electricity. 20/7, Canada's role in Am space station; Ont has pollution problem worse than acid rain, ozone; floating lab to find out what's under ocean bottom. 27/7, killer bees; natural ways to reduce anxiety; do people from diff ethnic groups react differently to medical drugs? (Ian McFarland, courtesy RIB whose deadline this missed)

COLOMBIA LV de los Centauros, Villavicencio, reactivated on 6190, 19/4 1005-1130, P-VP, llano mx, many local ads, confirmed by full ID at 1130; fq is listed in WRTH (Takayuki Inoue, Guatemala, Radio Nuevo Mundo 13/6)

COSTA RICA R Impacto on new 6139.9, ex-6150 arnd 2200 9/6; 10 kHz down means QRMing RHC evns, VOA morns--smart (Terry Krueger, DXSF) Back to 6149.9 when I checked arnd 23/6 (gh) A new Adventist World R stn should be coming on about now; either it or Guatemala to be upgraded to 100 or 250 kHz (Adrian Peterson, AWR, RNMN 20/6) HQ has been moved to Alajuela; they've bought MW stn R Lira, 1540, 1 kW, and are bldg a SW xmtz to go on in a couple months on 19 & 25 m, in SP FR PT DT, and on 31 & 49m later (Andy Sennitt, RNMN 20/6) See also 9920 unID

CUBA R Rebelde hrd 5/5 0208 on 6065 w/baseball, interview, QRM from RHC on same! (Emilio Pedro Povrzenic, Argentina, LADX) R Rebelde irregularly closes 5025 at 0400; 23/5 was at 0405 (S Nuzsi, Italy Gordon Bennet, UK, Michiel Schaay, Holland, Play-DX) **CURACAO** see EARTH in main sez.

CHILE R Minería, Stgo, automobile advice, ID 2/4 1730 on 6025, not listed 6075 (Nicolas Amichastegui, Ciudad Evita, Bs As, Argentina, June LADX)

GHANA NEC is to supply GBC w/3 x 50 kW xmtz for ES, & studio eqp (SCDX 25/6) Cf main section

GUATEMALA R LV de Atitlán, reactivated on 2390, first noted 24/4 tho not listed in WRTH and went off air several years ago; in Antigua, Guatemala I only hear this, not Huayacocotla. 0025 marimba folklore ID w/this fq; educ pgms, agricultural, religious, mx; a little in Quiche but mainly in SP; 23-24 daily "El Maestro en Casa" from Instituto Guatemalteco Educación Radiofónica; hrd f/in 2200 til 0100, F-F; ops only in local afternoons (Takayuki Inoue, Guat, RNM) I've had a report that sometime between 1/4 and 20/4, the Washington Times published an item suggesting that the US is setting up a facility here capable of blocking all Cuban communications; if anybody has access to this newspaper's back issues, would appreciate a copy! (gh) see 9920 unID

ICELAND Swedish R reported 13/6 Iceland planning to end state radio & TV monopoly; 12/6, the First Chamber of the Althing (Iceland's parliament) approved proposal to permit private companies, councils & individuals to op R & TV stns financed by ads for xmsn over entire country. 2nd Chamber also expected to approve, abolishing Iceland's half-century-old bcng monopoly (WBI 20/6)

IVORY COAST Nxpaper 'Fraternité Matin' reported 12/6 that 11/6 Info Min met offls of French Ministry of Economy & Finance in Paris to discuss new xmtr for natl radio; IC radio report 13/6 said it'd be 300 kW (WBI 20/6)

MEXICO [cf main sexion] R Huayacocotla, XEJN-OC, recently subject to slander campaign promoted by those whose interests are affected by the community stns pgm. Axions taken by caciques--powerful local political & economic leaders--whose influence reaches highest rank of Mex govt, almost led to closure of stn. Mid-Mar, govt people turned up there accusing it of already using the not yet authorized MW channel; closure could be prevented this time, but already-assigned MW channel 1370 was taken away as a consequence. Offl reason given is that for MW, ant has to be situated outside the village, but everyone in Huaya knows there is a decisive political background to the story. This is the 2nd time permission for AM xmsn refused by authorities. Meanwhile, R Huaya'll continue on 2390 and promote use of cheap fq converters, distributed by stn, to be used w/ordinary AM/FM sets. R UNAM's CE, Eusebio Mejía Maldonado, told me their 1 kW Collins SW xmtr, put into svc 12/10/37, is already in v'y bad shape used only sporadically during 1cl morns *1300 and that only when engrs at Ticoman xmtr site are not using phone or watching TV as the unisolated xmtr is heavily interfering w/both (Christian Zetti, México, May, Radio Nuevo Mundo, 13/6) After all, which is more important? (gh)

MOZAMBIQUE R Moz on 4732-4735v, 1930-21 in PT, *0250 (Ian Thompson, Sweden, SCDX bc 25/6)

NEPAL R Nepal has been bcng alcohol ads, leading to protests; also has been running more ads in unauthorized lang, Hindi; supposed to be only in EG, NP (SCDX bc 25/6)

PAKISTAN 7/6, TASS reported final stage in preps to set up stn for RFE/RL had been reached. Quoting Indian Central Nx Svc, TASS said powerful xmtrs at Is'bad relay'd bc in 10 langs of S & SE As, w/'lion's share' of airtime devoted to India & Afgh [lion's share mean's all; the negos for a US relay here have been going on, it's hard to believe RFE/RL'd be interesting in bcng to any area other than EEU/USSR; that'd be VOA's business -gh]. 15/6 Afgh's Bakhtar nx agcy reported US Congress'd recently approved setting up new stn called Free Afghanistan 'w/in framework of anti-Afgh crusade u/supervision of CIA'. Admn in Wash'd set aside arnd \$500K for stn in coming financial yr. Bakhtar said in addn to 100h of anti-Afgh bcs by R Pak, there were also 12 hrs of spl pgms by (?) radio stns against Afgh. Now, RFA, RFE/L were due to be set up on Pak terr (WBI 20/6) 100 & 12 hours per what? (gh)

USA For first time in some 6 months of almost daily checking, KCBI hrd testing again on 11790, 25/6 1935 (Artie Bigley, San Antonio TX) & here too, sig not especially strong, ran IS which starts something like "I've been working on the railroad," but is no doubt some hymn, brief ID, asking for reports, mixed w/tones, OC to off around 2000. By the way, stn's founder Criswell represented the conservative side in the recent Baptist battle in Dallas (gh)

CLANDESTINE R SPLA [see main sexion] 14/6 and its long-awaited nationality svc'd have inaug-ural bc 15/6 11-12 on 31m; daily exc Sun. Tue/Thu/Sat in 3 of the 6 major Sudanese langs, Dinka, Bari, Shilluk; M/W/F in Nuba, Lutuka, Nuer (WBI 20/6) 9610 for other svc via Ethiopia

PUBLICATIONS Review of International Broadcasting, Issue 100 is now available. This milestone is celebrated by an 8-page section of nothing but photographs of contributors, many of whose names are also familiar to NASWAns; also excellent article by Loren Cox on whether SW is a fit medium for music; Broadcasts in English update; BBC program info; Radio Equipment Forum and other usual columns. Samples \$1.50 in US, \$1.75 in Canada, \$2.25 or 6 IRCs elsewhere; subscriptions of 12 issues, \$18 in US & Mexico, \$21 in Canada, \$22/\$24/\$26 by airmail elsewhere depending on distance; remittances from abroad must be in US funds on a US bank or by postal money order, to: RIB, Box 490756, Ft Lauderdale 33349. Some copies of Issues 96 and 99 are still available, too, at the same price (gh)

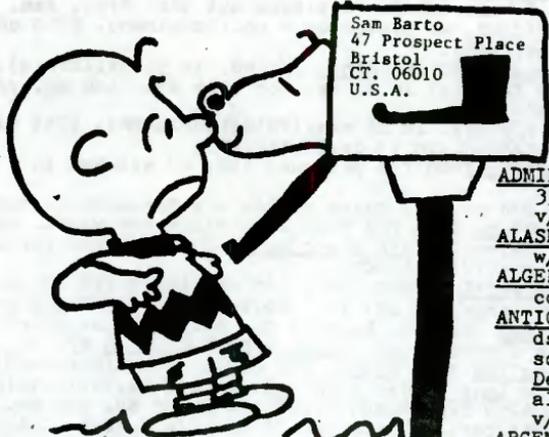
Tropical Bands Survey, 13th edition, now available; 32pp offset-printed booklet covering 2000-5900 khz w/power, times, based on monitoring from around world, double-spaced for updating ease, compiled by Bernhard Grundl; 7 IRCs by surface, 8 IRCs by airmail from DSWCI, Tavleager 31, DK-2670 Greve Strand, Denmark (Anker Petersen)

Association of Clandestine Radio Enthusiasts publishes an informative monthly newsletter, The Ace, containing clandestine and pirate loggings, QSL info and addrs, direct interviews w/irate stns & ops, guest articles, commentaries, much more; sample \$1, 1-year membership/sub \$11, to ACE, P O Box 46139, Baton Rouge LA 70895-6139 (Keith J Thibodeaux, new ACE publisher)

Pirate Tape For those who would like to hear what some piratesound like, I'm offering a sesqui-hour tape of about 15 different stns as I received them off the air 1983-1985; just send blank C-90 cassette in mailer; I will record and return; include 4 mint 22c stamps or \$1 to cover return mailing and handling costs (David Zantow, 1609 Ontario Dr., Janesville WI 53545)

Icom R71 Performance Manual, 37-page comb-bound book, pages printed on one side only leaving room for notes, addns; many simple mods almost anyone could perform, each of which could easily be worth the price; schematix & pictorials on how to improve AM selectivity, increase MW sensitivity, enable notch filter funxion in AM mode; tune below 100 khz; alignment instruxions w/ or w/out expensive test eqp; US\$10 in USA & elsewhere incl airmail, or 25 IRC outside NAM; in Canada, C\$10; order from: Don Moman, Shortwave Horizons, 6815 - 12 Ave, Edmonton, Alta, Canada, T6K 3J6 (Don Moman)

US Military Radio Communications, part 1, new 102-pp book published spring 1985, callign keys, frequencies, maps, etc. with an editorial position against US military involvement abroad; no price given; info from compiler Michiel Schaay, Spaarenlaan 42, 3941 GM Doorn, Holland (gh)



ADMIRALTY ISLANDS: Radio Manus 3315 p/d ltr. in 1 mo. for ms. v/s Raka Saini, Mgr. (Lare-MI).
ALASKA: KNLS 9670 cd. in 10 ds. w/ sked. (Bowden).
ALGERIA: RTVA 17745 f/d "Tapestry" cd. in 74 ds. (Henschen-IN).
ANTIGUA: BBC 6175 p/d ltr. in 19 ds. for ms. (Hardin). f/d personal ltr. in 12 ds. (Schulman).
Deutsche Welle 6040 f/d personal ltr. in 19 ds. for 3 IRCs. v/s James McKay. (Schulman).
ARGENTINA: RAE 11710 f/d cd. w/ pennant in 2 mo. (Schulman).

ASCENSION ISLAND: VOA 17830 f/d "Lady Liberty" cd. in 1 wk. (Wood-NY).
ASIATIC RUSSIA: Radio Moscow 9580 via Blagoveshehensk cd. in 35 ds. (Davis)
AUSTRALIA: VW9 9610 via Warneroo f/d cd. in 40 ds. for 2 IRCs. (Wood). cd. in 5 mo. for 3 IRCs. (Bowden-CA). Radio Australia 17795 f/d "Aborigine Actor" cd. in 21 ds. (Hardin). 6060 same cd. in 119 ds. (Schulman). 9580 f/d "Seals" cd. in 10 wks. (Turner-NY). 5995 via Lynnhurst f/d "Woodchopping" cd. in 76 ds. (Davisson).
AUSTRIA: ORF 6000 f/d "Salzburgerland" cd. in 71 ds. (Davisson). 12025, 9715, 5945, and 6000 f/d cd. in 2 mo. (Bowden). 15320, 9770 and 11935 f/d "Tirol" cd. in 1 mo. w/ schedule. (Barto).
BELGIUM: BRT 5910 f/d ltr. in 46 ds. (Eckert-PA) 15590 and 5910 cd. in 46 ds. (Levison-Pi.).
BELIZE: Radio Belize 3285 f/d cd. in 3 wks. for 2 IRCs. (Schulman). f/d "Map" cd. in 37 ds. for 2 IRCs. (Niekamp-MN).
BOLIVIA: Radio Abaroa 4718 f/d "Logo" cd. in 120 ds. for a SP rpt. and \$1.00. v/s Rene * Arias P., Director. (Schmitz-FRG). Radio Juan XXIII 4965 p/d paper cd. w/ personal ltr. in 31 ds. for a SP rpt. v/s Gonzalo Cespedes M., Director. (Wilkins-CO).
BONAIRE: Radio Nederland 6165 f/d cd. in 5 wks w/ sked. (Bowden-CA).
BORNEO: RRI Pontianak 3995 p/d ltr. via registered mail in 49 ds. for an IN rpt. and ms. Stasiun. (Davis-CO).
BRASIL: Radio Bras 11745 f/d "Hotel Tambau" cd. in 6 wks. (Bowden). same in 7 wks. for a PT rpt. (Schulman). Radio Nacional da Amazonia 11780 cd. * in 9 mo. (Schulman). Radio Alvorada de Parintins 4965 n/d personal ltr. in 43 ds. for a PT rpt. and ms. Sticker rcvd. v/s Raimunda Ribeiro da Silva, Director-Gerente. (Streeter-NY). Radio Poti 4965 n/d cd. in 75 ds. for a PT rpt. and ms. v/s Maria Luiza Marques da Luz. (Streeter). same in 70 ds. for a PT rpt. (Forsgren-WI). n/d cd. in 24 wks. for a PT rpt. and 1 IRC. (Gliksman-IL). Radio Marajoara 4954.8 cd. in 2 mo. for a PT rpt. v/s Almir Silva and Ronaldo Porto, Gerente Comercial. (Barto). Radio Jornal do Comercio 15145 and 6085 p/d ltr. for a 76 reception and a PT rpt. v/s Artur S. Miranda. (Barto-CT).

We thank you for your reception report and are pleased to confirm that you have heard our station on 29 Dec. 1981 at 1841-1925 GMT on 13797 kHz via Ken Briscoe

Sincerely yours,

Ríkisútvarpið
 Foreign Relations
RÍKISÚTVARPIÐ
 ICELAND STATE BROADCASTING SERVICE
 P.O. BOX 120 REYKJAVIK, ICELAND

v/s Alwi Rusman, Kepala

RADIO EUZKADI EUZKADI IRREVIA

Date: 2-6-72 196

20.00 GMT 20 m. 13.250 kHz
 21.00 GMT 80 K W 19 m. 15.080 kHz
 27.00 GMT m. 12.105 kHz

"La Voix de la Résistance Basque"
 "The Voice of the Basque Underground"

Reception from a free nation throughout history. France's approval in 1946, granted by Hitler and Mussolini, created the Basques' right, using them as the remnants of their ancient freedom. Now under Spanish rule, without extraordinary human rights, Basques fight under their true national democracy in the land.

En 1946, France a permis au Basquisme, par sa loi sur le statut de sa zone de liberte. Le fait de nous être un jour l'ennemi nous a permis de nous libérer de la tyrannie.

BRASIL: Radio Sociedade Triangulo Mineiro 4965 personal ltr. in 148 ds. for a PT rpt. and 1 IRC. (Schmitz-FRG). We played out that freq: Sam.

BULGARIA: Radio Sofia 7115 f/d cd. w/ poster in 4 mo. (Schulman). 9700 cd. in 101 ds. w/ schedule. (Levison).

BYELORUSSIAN SSR: Radio Moscow 15150 via Minsk f/d cd. in 55 ds. (Green).

CAMEROON: Radio Bertoua 4750 f/d ltr. in 47 ds. for a FR rpt. and ms. v/s James Achanyi-Fontem. (Fye).

CANADA: RCI 17875 and 15325 f/d cds. in 2 1/2 wks. (Palmerheim-MN). 9755 cd. in 18 ds. (Wilkins). 5960 f/d cd. in 13 ds. (Kacir-MI).

CANADA (Pirate): Union City Radio 7440 f/d personal ltr. w/ sticker in 1 mo. for ms. (Palmerheim).

CHILE: Radio Nacional 15140 f/d cd. via Moore visit. v/s Fernando Cuevas M. (Wilkins). Radio Agricultura 9630 f/d form ltr. via Moore visit. v/s Carlos Toledo Verdugo. (Wilkins). Radio Nuevo Mundo 5950 f/d cd. for a 74 reception via Barrera visit. (Barto-CT).

CHINA, PEOPLES REP. OF: Radio Beijing 9820, 9730, 9535 and 11860 f/d cd. in 2 wks. (Bowden). CPBS 5170 large f/d cd. in 1 mo. (Bowden). 4460 f/d cd. in 37 ds. (Barto). Yunnan PBS 2460 via Kunming f/d cd. in 49 ds. (Barto). Jilin PBS 3310 f/d cd. in 2 mo. (Barto). Hubei PBS 3940 Wuhan f/d cd. in 42 ds. (Barto). Xinjiang PBS 3990 Urumqi f/d cd. in 2 mo. (Barto-CT).

* Gansu PBS 4865 direct from Lanzhou for a CH rpt. in 118 ds. (Reinstein).

CLAUDESTINE: La Voz del CID 6299 f/d "Cuban Flag" cd. in 45 ds. for ms. (Niekamp). Radio Truth 5015 personal ltr. in 76 ds. v/s J. Brown. Addr: P.O. Box 4, Stockbridge, Hants. SO20 6LB. England. (Reinstein-FL). Radio Sedave Nejat Iran 15555 p/d form ltr. in 2 mo. for 2 IRCs. (Palmerheim)

COLOMBIA: La Voz del Llano 6115 p/d form ltr. in 4 mo. for a SP rpt. and 1 IRC. v/s Gloria Rodriguez R., Administradora. (Glikzman). same in 505 ds. w/ pennant for a SP rpt. (Schmitz). same in 56 ds. for a SP rpt. (Barto). Radio Cinco 5040 prepared cd. w/ personal ltr. and sticker in 21 ds. for a SP rpt. and ms. v/s Hector Julio Chaparro Mesa, Director. (Niekamp)

COMOROS ISLANDS: Radio Comores 3331 f/d cd. in 23 ds. for an EG/FR rpt. & ms. (Sgrulletta-NY).

COSTA RICA: TILX Radio Colombia 4849.6 f/d cd. in 6 wks. for a SP rpt. v/s Rossy Cordero. (Barto). TIFC 5055 p/d green cd. in 22 ds. for 2 IRCs.

CUBA: RHC 17750 f/d cd. in 4 mo. (Bowden). 11840 f/d cd. in (Wilkins). 44 ds. (Brouillette).

CZECHOSLOVAKIA: Radio Prague 5930 f/d cd. w/ sticker in 5 wks. (Turner). 7345 f/d cd. in 1 mo. (Schulman-IL). 7345 and 5930 f/d cd. in 36 ds. w/ schedule. (Levison).

Assemblies of Yahweh

BETHEL, PA. 19507

"That Men May Know that Those whose Names are in YAHWEH, are the Most High over all the Earth." Psalm 83:18

Richard A. D'Angelo
2216 Burkley Drive
Wymissing, PA 19610

Dear WALK listener,

Greetings from Bethel in Yahweh's Great Name!

Your letter of recent date has arrived here at Bethel in which you have informed us of your receiving the signal from our Short Wave Radio Station, WALK.

Your communication, reporting the strength of the radio signal and summarizing the contents of the transmission, has been very helpful. You have accurately described the signal which was transmitted on the date you specify receiving it.

In appreciation of your informative communication I have enclosed "Introducing the Assemblies of Yahweh" and a copy of our "Statement of Doctrine" so that you can determine our stand on scriptural doctrine. In addition, I have placed your name on our mailing list so that you will receive our monthly magazine, The Sacred Name Broadcaster. You will notice the radio log we print periodically. Additionally, we shall be publishing updated news of the radio station. It is our hope that you will enjoy the articles we publish. Should you desire any additional literature we publish, please feel free to write in and request it.

We hope that you will be a steady listener to Radio Station WALK. If you are in the area of Bethel, Pennsylvania (located 40 miles west of Allentown and 40 miles east of Harrisburg, and 40 miles north of Lancaster, right on Interstate Route #78), we invite you to drop by for a visit and tour of the transmitter.

Thank you again for your helpful communication. May Almighty Yahweh bless you and watch over you as you serve Him in the Name of Yahshua the Messiah, HalleluYAH.

Cordially,

Elmer Jacob O. Meyer
Elder Jacob O. Meyer

DENMARK: Radio Denmark 15165 f/d cd. in 33 ds. (Dillon-MD). 11810 f/d cd. in 19 ds. (Barto-CT).

DJIBOUTI: Radio TV Djibouti 4780 f/d cd. in 3 mo. for a FR rpt. (Barto).

DOMINICAN REP: AWR-Asia via Radio Earth via Radio Clarin (!) 11700

f/d cd. w/ stamp and RCI QSL cd. in 6 wks. (Schulman)...I don't

* understand it either: Radio Clarin 11700 f/d large cd. in 3 mo. for 3 IRCs. v/s Jeff

White. (Palmerheim). RMI via

AWR via RE via RC 11700 two

f/d cds. in 1 mo. (Reinstein)

ECUADOR: HCJB 15295 and 17790

f/d cds. in 6 wks. (Schulman)

Radio Quito 4920 n/d folder

cd. w/ pennant in 59 ds. for

a SP rpt. and 2 IRCs. v/s

Alfonso Laso. (Henschen-IN).

Emisora Gran Colombia 4911

n/d ltr. in 37 ds. for a SP

rpt. (Barto). Radio Luz y Vida

4850 p/d ltr. w/ pennant for

a Moore visit. (Wilkins). La Voz del Rio Tarqui 3285 f/d

cd. via Moore visit for a SP

rpt. (Wilkins-CO).

ECUADOR: Sistema de Emisoras Atalaya 4790 p/d cd. in 7 mo. for a SP rpt. and 1 IRC. (Gliksman). same in 42 ds. for a SP rpt. (Barto).

EL SALVADOR: Radio El Salvador 5995 f/d personal ltr. in 41 ds. for a SP rpt. v/s Luis A. Aparicio, Director. (Fye). 5992 and 9553.5 f/d ltr. in 3 mo. for a SP rpt. (Barto). 9587.3 n/d ltr. in 34 ds. for a SP rpt. and 2 IRCs. (Wilkins).

ENGLAND: BBC 15849 n/d cd. in 1 mo. (Barto). 9915 n/d cd. in 27 ds. for 1 IRC. v/s Bert Gallon. (Brouillette). VOA 9760 via Woofferton f/d cd. in 6 ds. (Wood-NY). 6160 f/d cd. in 6 ds. (Dillon).

ESTONIAN SSR: Radio Tallin 5925 f/d cd. in 43 ds. (Schmitz).

ETHIOPIA: Voice of Revolutionary Ethiopia 9560 f/d cd. w/ sticker in 79 ds. for 1 IRC and ms. v/s Mrs. Zamenay Laike. (Witte-CA).

FALKLANDS: FIBS 3958 f/d cd. in 82 ds. for 2 IRCs. (Wood-NY).

FRENCH GUIANA: RFI 9800 f/d cd. in 1 mo. for ms. (Lare-MI). 9790 n/d form ltr. in 312 ds. for 1 IRC. v/s Simson R. Najovets, Editor. (Brouillette). REQ 5055 f/d folder cd. in 152 ds. for a FR rpt. and 2 IRCs. (Woloch).

GABON: RTVG 4777 p/d folder cd. in 103 ds. for a FR rpt. and ms. (Forsgren) same in 59 ds. for a FR rpt. and ms. (Dillon).

GERMAN DEMOCRATIC REP.: RBI 6080 f/d "Clock Tower" cd. in 52 ds. (Henschen). 15445 f/d "Jungfernbruck" cd. in 40 ds. (Renfrew).

GERMANY, FEDERAL REP. OF: Deutsche Welle 5280 n/d cd. w/ ltr. in 2 mo. (Barto). Sueddeutscher Rundfunk 6030 f/d cd. in 10 wks. (Swaringen-NC).

GHANA: GRC 4915 f/d cd. in 112 ds. for 3 IRCs. (Green-TN).

GREECE: VOA Kavala 7205 f/d cd. in 11 ds. (Renfrew).

GUAM: KTWR 9510 f/d cd. in 3 wks. (Bowden-CA).

GUATEMALA: Radio Tezulutlan 4835 f/d "Campesinos de Coban" cd. in 4 mo. for a SP rpt. and ms. (Reinstein-FL). f/d "Procession" cd. in 42 ds. for a SP rpt. and ms. (Henschen).

GUYANA: GRC 5950 f/d ltr. in 10 wks. for \$1.00. (Schulman).

HAWAII: WWVH 15000 f/d "Aloha" cd. in 7 ds. (Renfrew).

HOLLAND: Radio Nederland 11740 f/d cd. in 33 ds. (Davisson).

HUNGARY: Radio Budapest 6025 via Jaszhereny f/d "Cathedral" cd. in 18 ds. (Kacir). 9835 f/d cd. in 39 ds. (Kacir). f/d "Globe" cd. in 53 ds. (Levison). f/d "Costume" cd. in 51 ds. (Levison).

INDIA: AIR 11620 f/d "Lingaraj Temple" cd. in 37 ds. for 2 IRCs. (Henschen) 7110 f/d "Hotel Oberoi Towers" cd. in 54 ds. (Reinstein).

IRAQ: Radio Baghdad 9610 p/d cd. in 102 ds. for 3 IRCs. (Wood). same in 101 ds. for 2 IRCs. (Henschen).

ISRAEL: IBA 7412 f/d cd. in 39 ds. for 1 IRC. (Kacir-MI).

JAPAN: FEN 6155 f/d cd. in 3 mo. (Bowden). Radio Japan 6080 f/d cd. in 2 wks. (Bowden). 17825 p/d "Shinjuku Imperial Gardens" cd. in 26 ds. (Speer)

JAVA: Voice of Indonesia 9680 p/d cd. in 37 ds. for an IN rpt. and ms. (Dillon). RRI Surabaya 3975 f/d ltr. in 25 ds. for an IN rpt. and ms. v/s Agus Widjaja, Kepala. (Wilkins). RRI Surakarta 4932 p/d cd. in 19 ds. for an IN rpt. and ms. v/s Hastoeti T. Poernoma. (Davis-60).

KOREA, DEMOCRATIC REP. OF: Radio Pyongyang 9977 f/d cd. in 3 mo. (Bowden).

KOREA, REP. OF: Radio Korea 9750 via Gimie f/d cd. in 34 ds. for 2 IRCs. (Kacir). 9870 f/d cd. in 6 wks. (Bowden). 15575 f/d "Asian Games" cd. w/ pennant and sticker in 30 ds. (Renfrew).

KUWAIT: Radio Kuwait 11675 n/d folder cd. in 40 ds. for 2 IRCs. (Renfrew).

ZANZIBAR

RADIO TANZANIA - QSL

We confirm your reception of Radio Tanzania, ZANZIBAR on Wed Feb 16th 1991 on a frequency of 3339 kHz at 03:00-01:00 GMT. Thank you for your SW reception report.

Mrs. Tatu N. Abdulla
Information Office

LAOS: Lao National Radio 6130 via
* Vientiane f/d "Globe" cd. in 650
ds. v/s Somsanouk Mixay, Deputy
Director. (Gavaras-MN).

LESOTHO: **INBS** 4800 f/d cd. in 20 ds
for 2 IRCs. (Niekamp). f/d cd. in
29 ds. for 3 IRCs. (Wood). same
in 98 ds. for 2 IRCs. (Henschen).
f/d cd. in 80 ds. (Green).

LIBERIA: **VOA** 17870 cd. in 9 ds. w/
schedule. (Wood-NY).

LIBYA: **Radio Jamahiriya** 11815 f/d
cd. in 42 ds. (Henschen). 15450 f/d cd. in 27 ds. (Schmitz-FRG).

LITHUANIA: **Radio Vilnius** 15100 f/d cd. in 135 ds. (Speer).

MALAWI: **MBC** 3380 f/d personal ltr. in 158 ds. for ms. v/s H.R. Chirwa (Fye)

MALI: **Radiodiffusion Nationale** 4783 f/d "Map" cd. in 82 ds. for a FR rpt.
and 3 IRCs. (Green).

MALTA: **IBRA Radio** 9510 f/d cd. in 2 mo. for 1 IRC. (Niekamp-MN).

MEXICO: **XEWX** 15160.4 f/d cd. w/ ltr. in 128 ds. for a SP rpt. and 1 IRC.
pennant rcvd. v/s Lic. Eduardo Guerrero H., Director. (Brouillette).

XEQM 6105 p/d ltr. in 1 mo. for a SP rpt. and 1 IRC. v/s Roberto Domin
* guez Avila, Director Artistico. (Gliksman). **XEUJ** 5982 f/d cd. w/ personal
ltr. in 1 mo. for a SP rpt. v/s Marcelo Becerra Gonzalez, Director General.
(Reinstein).

MONACO: **TWR** 7160 f/d cd. in 15 ds. for 2 IRCs. (Renfrew).

MONTERRAT: **Deutsche Welle** 9545 n/d cd. in 42 ds. (Green).

MOZAMBIQUE: **Radio Mozambique** 3338 n/d ltr. in 2 mo. for a PT rpt. (Barto).
9620 f/d "Map" cd. in 64 ds. for a PT rpt. and 3 IRCs. (Green-TN).

NEPAL: **Radio Nepal** 5005 cd. w/ personal ltr. in 1 mo. for 2 IRCs. (Schmitz)

NEWFOUNDLAND: **CKZN** 6160 f/d cd. in 24 ds. (Levison).

NEW ZEALAND: **RNZ** 17705 f/d cd. in 3 wks. for 3 IRCs. (Bowden).

NIGERIA: **Rima Radio** 6195 n/d ltr. in 75 ds. v/s H.Y. Umaru. (Forsgren).

Voice of Nigeria 4990 f/d cd. in 1½ yr. for 2 IRCs. (Van Horn-FL). 15120
f/d "Airport" cd. in 545 ds. for 1 IRC. (Green).

NORWAY: **Radio Norway** 15305
p/d cd. in 42 ds. (Schulman). 9685, 9605, 11855
11870, 15305 and 15175
f/d cd. in 2½ wks. (Bowden).

NEW BRITAIN: **Radio East**
New Britain 3385 f/d cd
in 1 mo. for 3 IRCs.
(Paszkiwicz-WI).

PAPUA NEW GUINEA: **NBC** 4890
f/d "Map" cd. in 31 ds.
for ms. v/s Pomsie Pomat
(Dillon). same in 1 mo.
for ms. (Lare). in 1 mo.
for \$1.00. (Van Horn).
Radio East Sepik 3335
f/d cd. in 61 ds. for
ms. v/s Mr. Elias Al-
bert. Pennant rcvd.
(Davis-CO).

PERU: **La Voz de la Selva**
4825 ltr. in 34 ds. for
a SP rpt. and 2 IRCs.
v/s Marcelino Esteban
Benito, Dpto. de Produ-
ccion. (Schmitz-FRG).

* **Radio Pucallpa** 6155 p/d
cd. w/ ltr. in 57 ds.
for a SP rpt. v/s Mel-
ita Z. de Dellepiane,
Administradora. (Barto).
Radio Tropical 4935 p/d
cd. in 4 mo. for a SP
rpt. and ms. v/s Pablo
Mori, Gerente-Proprie-
tario. (Niekamp-MN).



O.C.X.4.J. Onda Media 1,810 KHz. — O.C.X.4.E Onda Corta 4,775 KHz.
O.C.X. 4. J. 1810 KHz.



RADIO TARMA S.C.R.L.
LA DECANA DE LA PROVINCIA
Telfs. 2250-2316 Casilla 167 Tarma-Perú

Tarma, 26 de Mayo de 1,984.

Señor
CHRISTOPHER LOHDELL
Massachusetts

Estimado Amigo:

Por medio de la pta. carta QSL confirmamos que efectivamente la emisora que Ud. recibió el 18 de Febrero de 1,984 entre las 05.06 y 05.38 de la mañana hora de Perú, fue nuestra estación **RADIO TARMA** en la frecuencia 4,775 KHZ operando desde la ciudad de Tarma, Departamento de Junín en la República de Perú. Su reporte es correcto y concuerda con nuestros registros.

ONDA MEDIA: Con 19 horas diarias de transmisión. Indicativo: OC 243. Transmisores: **AMSA TELX** de 3,000 vatios de potencia. En la frecuencia de 1,510 KHZ. Altura de la torre de 48 metros. Contamos con un transmisor auxiliar de 200 vatios para emergencia.

ONDA CORTA: Con 13 horas diarias de transmisión de 10 horas GMT a 14 horas GMT y de 20 horas GMT a 5 horas GMT. Transmisor: **KOLEY 400 C** de 1,000 vatios de potencia. Frecuencia: 4,775 KHZ. Antena tipo dipolo suspendida por dos torres de 15 metros de altura.

No nos gustaría seguir recibiendo de vez en cuando su Reportaje de Sintonía y ya sabe que aquí en Perú tiene un amigo más en **RADIO TARMA**.

Sinceramente:



RADIO TARMA S.C.R.L.
RADIO MONTIVERDE S.
ESTABLE ADMINISTRATIVO

PERU: Radio Oriente 6190 n/d ltr. in 73 ds. for a SP rpt. and ms. Rcvd. via registered mail. pennant rcvd. (Streeter-NY). **Radio Madre de Dios** 4950 f/d prepared cd. in 2 mo. w/ f/d ltr. v/s Frco. Javier Aniz. (Orcutt-NY). **Radio Estacion "C"** 6323.7 p/d ltr. in 3 mo. for a SP rpt. (Barto). **Radio Atlantida** 4790 n/d ltr. w/ schedule in 304 ds. for a SP rpt. and ms. v/s Ivan Tenorio Matute. (Forsgren). **Radio San Juan de Chota** 5274 f/d "El Labrador" cd. via Moore visit. for a SP rpt. v/s Raul Rivera Burga. (Wilkins-CO). f/d cd. via Moore visit in 104 ds. for a SP rpt. and 4 IRCs. (Henschen) * **Radio Huallaga** 6363.5 f/d ltr. in 2 mo. for a SP rpt. v/s Ruben Rios Silva, Tecnico Electronico. (Barto). **Radio Ancash** 4990 ltr. w/ postcard in 116 ds. for a SP rpt. (Schmitz). **Radio Union** 6115 p/d "Machu Picchu" cd. in 2 mo. for 2 IRCs and a SP rpt. v/s Roberto Adrianzen Huaman, Gerente General. (Palmerheim). **Radio San Martin** 4810 f/d prepared cd. w/ personal ltr. in 11 wks. for a SP rpt. and 1 IRC. v/s Senorita Nori De Meneses. (Orcutt-NY).

PHILIPPINES: VOA Poro 9760 f/d cd. in 5 ds. (Dillon). 6110 f/d cd. in 21 ds. (Green). **FEBC** 15445 f/d cd. in 3 wks. (Bowden). **United Nations Radio** 15330 f/d cd. in 3 wks. (Barto). **Radio Veritas Asia** 9605 f/d cd. in 6 wks. (Bowden).

PORTUGAL: Radio Portugal 9600 f/d cd. in 3 wks. (Bowden).

RIO MUNI: Radio Nacional de Guinea Ecuatorial 15107 f/d prepared cd. in 10 ds. for ms. v/s Rev. Earl Cripe. (Davis). n/d personal ltr. in 6 mo. for a SP rpt. and 1 IRC. v/s Marcos Obiang Ali Eyanga. (Gliksman-IL).

ROMANIA: Radio Bucharest 11940 cd. in 67 ds. (Levison)

SAIPAN: KYOI f/d cd. in 69 ds. for ms. (Henschen-IN). 11900 cd. in 64 ds. for 3 IRCs. (Green). **KFBS** 15225 f/d cd. in 6 wks. (Barto). 11820 f/d cd. in 3 mo. w/ schedule. (Barto).

SAO TOME: Radio Nacional 4807 p/d cd. in 4 mo. for a

77 reception for a PT rpt. v/s Antonia Sebastiana.

SICILY: RAI 7175 via **Caltanissetta** f/d (Barto). cd. in 8 mo. for 1 IRC. (Swaringen).

LANDER REVOLUTIONARY GOVERNMENT



Department of Information and Social Work

P. O. Box 1000

London

Ref. No. 1000 1000 1000

Mr. James C. TORRE
P.O. Box 516
21226 Woodland, California 92397
Phone: 924-2000

I beg for assistance for hearing you so I can continue to have your help. I received on 9th April 1980. Although I promised to have an immediate answer, but it is a matter of the kind letter "Caught me" on the way.

Thank you for your letter. We will allow me please to present my sincere appreciation for the "attention" (the US \$) to be more from "I" and we will do our best to have the new you. I am not sure the \$ has been used for the purpose.

The US dollars are so valuable here that I have not had time to have them all. I hope you will continue to have them even in the future.

I thank you for your patience and I hope you will continue to have them even in the future.

Thanking you.

Sincerely yours

(Signature)

NEW PUBLICATION: Station Pennants of the World

Over a year in the production stages! This basic four (4) volume publication contains listings of more than 1100 station pennants and over 700 illustrations from 122 countries. Each illustration is tastefully presented in a format that will make for hours of pleasurable reading. A very special introduction section identifies and categorizes pennants by type and variety. This section will be included with your initial order.

Each pennant (which has been assigned a code and number) is presented by country of origin. Every pennant is defined (where information is available) in terms of its construction material, size, and colors used in the border, background, design and lettering. Several one-of-a-kind, limited edition and very old station pennants are illustrated and documented.

This publication will arrive pre-punched for a standard three ring binder and with a heavy duty cover stock and backing. Since yearly updates will be issued, unbound editions would be more suitable for your library.

Volume II Sections SA-1 and SA-2 are now available for distribution. SA-1 covers Colombia, Ecuador, French Guiana, Galapagos, Peru, Surinam and Venezuela. SA-2 includes Argentina, Bolivia, Brasil, Chile, Paraguay and Uruguay. Each section may be ordered for \$3.95 or both for a total of \$7.00. Canadians please add \$1.00 for postage - overseas orders please add \$1.50 for surface or \$3.50 for airmail delivery. If not satisfied, money will be refunded!

If you have any station pennants in your DX den or interested in collecting them, this publication is a must. Send your orders to Station Pennants of the World, c/o Sam Barto, 47 Prospect Place, Bristol, CT. 06010 USA.



SINGAPORE: BBC 11750 f/d prepared cd. in 20 ds. (Renfrew).
SOLOMON ISLANDS: SIBC 5020 f/d cd. in 3 wks. for 3 IRCs. (Green-TN).
SOUTH AFRICA: Radio RSA 6010 f/d cd. in 36 ds. (Schulman). Capital Radio 3930 p/d ltr. in 45 ds. for 3 IRCs. (Lare). same in 22 ds. for 2 IRCs. v/s J. Van Hoogstraten. (Paszkwiewicz-WI).
SPAIN: RNE 6125 f/d cd. in 62 ds. w/ schedule. (Davisson).
SRI LANKA: Deutsche Welle 11705 f/d site cd. in 18 wks. (Gliksman-IL). SLBC 9719, 11801.3 and 15424.6 f/d "Studio" cds. in 79 ds. w/ schedule. (Barto-CT).



SUDAN: Radio Omdurman 5039 n/d form ltr. in 97 ds. for 2 IRCs. (Streeter). p/d ltr. in 106 ds. v/s John Brown Deng. (Forsgren). f/d ltr. in 167 ds. for an AR rpt. (Fye).
SWAZILAND: TWR 7295 f/d cd. in 1 mo. for 2 IRCs. (Renfrew).
SWEDEN: RSI 9895 f/d "Acid Rain" cd. in 25 ds. (Turner). 15345 same f/d cd in 16 ds. (Niekamp).
SWITZERLAND: SRI 17765 f/d cd. in 1 mo. (Schulman). 9885 and 6135 f/d cd. in 64 ds. (Davisson). 12035 cd. in 6 wks. (Bowden). 12030, 6135, 9885, 9725, and 12035 f/d cds. in 2 mo. (Bowden-CA).
SYRIA: Radio Damascus 11685 f/d "Map" cd. w/ pennant and pin in 81 ds. for 2 IRCs. (Streeter). same in 96 ds. for 2 IRCs. (Wood). 12085 f/d cd. in 7 wks. w/ felt coaster. (Swaringen).
TAIWAN: VOPC 11745 f/d "Art" cd. in 2 $\frac{1}{2}$ mo. (Bowden). (Dillon).
TOGO: Radio Togo 5047 f/d "Globe" cd. in 50 ds. for a FR rpt. and ms.
TURKEY: Voice of Turkey 9560 f/d "Topkapi Palace" cd. in 20 ds. (Cole-CO).
UNITED ARAB EMIRATES: Dubai Radio 15300 f/d "Map" cd. in 3 wks. (Cole).
USA: VOA-Radio Marti 9660 n/d ltr. in 15 ds. v/s Fran Masterman. (Gavaras). * WMLK 15110 n/d form ltr. in 18 ds. for ms. v/s Elder Jacob O. Meyer. (Davis-CO).
USA (Pirate): Radio Woodland International 7435 f/d "Chipmunk" ltr. in 25 ds. for ms. (Talbot). Voice of Venus 7430 f/d ltr. in 67 ds. for ms. (Rigas).
WKUE 7410 n/d ltr. in 5 $\frac{1}{2}$ mo. for ms. (Swaringen).
Zepelin Radio Worldwide 7427 f/d cd. in 53 ds. (Rigas-IL). Bootlegger Radio 7435 f/d ltr. in 45 ds. for ms. (Rigas). WYMN 7427 f/d ltr. in 35 ds. for ms. (Gavaras). 3432 f/d ltr. in 38 ds. for ms. (Talbot). Voice of Laryngitis 15050 f/d cd. in 1 mo. for ms. 35 watts. (Talbot). KNBS 7425 f/d cd. in 24 ds. 50 watts (Talbot-ALB).
VATICAN: Radio Vatican 15405 f/d cd. in 3 wks. (Bowden).
VANUATU: Radio Vanuatu 7260 f/d cd. w/ personal ltr. in 41 ds. for a FR rpt. and 1 IRC. v/s C.A. Mason. (Fye).
VENEZUELA: La Voz de Carabobo 4780 personal ltr. in 26 ds. for a SP rpt. and ms. (Schmitz).
WEST IRAN: RRI Serui 4607 p/d ltr. in 3 wks. for an IN rpt. and 1 IRC. v/s Steven Silubun. (Gliksman). RRI Monokwari 6188.4 f/d ltr. in 3 mo. for an IN rpt. v/s Abdul Rachim, B.A. (Barto). RRI Jayapura 5045.4 f/d cd. in 39 ds. for an IN rpt. v/s Muhammad Elly. (Barto-CT).
YEMEN, REPUBLIC OF: Radio San'a p/d form ltr. in 157 ds. for an AR rpt. (Dillon-MD)



ds. for ms. (Rigas). WYMN 7427 f/d ltr. in 35 ds. for ms. (Gavaras). 3432 f/d ltr. in 38 ds. for ms. (Talbot). Voice of Laryngitis 15050 f/d cd. in 1 mo. for ms. 35 watts. (Talbot). KNBS 7425 f/d cd. in 24 ds. 50 watts (Talbot-ALB).
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YEMEN, REPUBLIC OF: Radio San'a p/d form ltr. in 157 ds. for an AR rpt. (Dillon-MD)

That's it for another month. I had to leave out a few of the more common QSLs but they will be in next month. Till next time....

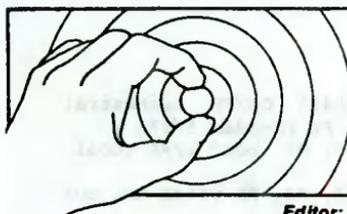
73s
Sam

Radio Carora
 We thank you for your reception report and are pleased to confirm that you have heard our station on 2.12.1982 at 1910 - GMT on 13797 kHz

Sincerely yours,
 Mike Harris
 PO Box 266
 Grove City, Ohio 43123

USA

RÍKISÚTVARPIÐ
 IRLAND STATE BROADCASTING SERVICE
 P. O. BOX 120 REKJAVIK, ICLAND



LOG REPORT

Section A

2000 to 4899 kHz

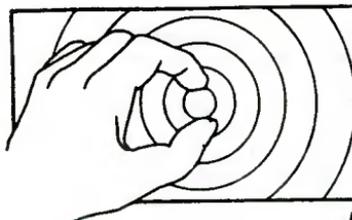
Editor: Mike Nikolich, 2137 West Farwell Ave., Chicago, IL 60645

- 1619 PIRATE, R. North Coast International; 0419-0430*, song about radio, ID w/special test xmtn and address in Moorhead, MN, DJ's name was Capt. Willie (Valko 5/5)
- 2420 BRAZIL, R. Sao Carlos; PT w/slow LA mx, 0726, anmts, hvy QRM, this one was presumed (Schulze, FRG 5/17)
- 3215 INDONESIA, RRI/Manado; short nx, 2105, ID, lcl mx, 2117 UTE QRM (Schulze, 5/1)
- 3222 TOGO, R. Kara; FR, anmts, lcl mx 1925 (Schulze 5/12)
- 3240 SWAZILAND, TWR; 0258, IS, vern relg px (Schulze 5/17)
- 3260 NIGER, ORTN; 1920, FR, anmts, bad modulation, native mx (Schulze 5/19); *0529, FR s/on w/NA, very short flute IS, ID by YL, "Ici, Niamey..." (Valko 5/10) **This station makes creative use of their IS, using it constantly as a musical bridge between programming segments...mln.
- 3270 NAMIBIA, RSWA; 2355-0015, AK, non-stop EZL mx, except for quick ID at 0000, //3295 (Alexander 5/18)
- 3286 MADAGASCAR, RM; 1915, vern w/lcl mx, some pop selections, too (Schulze 5/11)
- 3326 NIGERIA, FRCN; 2035, //4990, lcl nx, but covered most of the time by a UTE (Schulze 5/12)
- 3335 PAPUA NEW GUINEA, R. E. Sepik; 2012, EG ID, native mx, clear ID by YL, UTE QRM (Schulze 5/1)
- 3346 ZAMBIA, R. Zambia; 0403, EG, nx by OM, ID and "Band of Gold" done instrumentally, and another ID and TC as, "This is the external service of the Zambia Broadcasting Service of Lusaka. The time is ___ o'clock..." Into more mx (Valko 5/7); *0343, EG and possibly some vern w/bird IS (the Zambian Fish Eagle, OM!), possible NA at 0353 into px of mostly lcl mx (Gavaras 5/19); 1740, fade in w/EG px, not //4911, s/off w/relg. word before NA at 2200 and on weekdays at 2110 (Schulze 5/21)
- 3356 BOTSWANA, RB; 0418, Setswana, EZL mx w/vocals, OM w/songs, //4820 (but QRM from HRVC), and 7255, UTE QRM on 3357 -- is it just my imagination or does Setswana sound similar to Maori? (Valko 5/7) **I don't know, OM, but right now is a good time to make your comparison. Radio Cook Islands has been putting out a strong signal on 11760 kHz from about 0415 GMT here in the Chicago area. You should be able to monitor it while you're doing the Botswana thing. Give it a shot and provide us with your conclusions next time around...mln.
- 3366 GHANA, GBC/Accra; 2025, EG ID, "This is GBC," UTE and SSB QRM (Schulze 5/12)
- 3380 MALAWI, MBC; 2128, EG pop mx, EG nx and Chichewa nx later on ... (Schulze 5/6); 0358, finally ID'd this w/EG nx, despite the ever-present UTE (Rigas, IL 5/19) **Congrats!
- 3385 PAPUA NEW GUINEA, R. East New Britain; 1050, EG, pop mx til 1100, when ID and nx was presented (Rigas 5/6)
- 3395.6 ZIMBABWE, ZBC; 1950, EG ID for "Radio One," nx, pop mx and UTE QRM (Schulze 5/13)
- 3630 CLANDESTINE, R. Venceremos; 0215, SP, usual tx by OM and YL, ID at 0221, SP mx, //6552.5 (Alexander 5/26)
- 3931 CAPE VERDE, Voz de Sao Vicente; 0037, PT, EZL mx, possible ID, best ever signal (Daly, NY 6/6) **On late??? 2347, poor signal w/mx (Bolland 5/11)

- 3955 UNITED KINGDOM, BBC European Svc; 0415, GM/FR, orchestral mx, YL anmts, 0430, "Big Ben" into FR (Jordan 5/27)
- 4030 USSR, Domestic Svc via Anadyr; 1025, RS, poor w/RS vocal mx (Rigas 5/26)
- 4050 USSR, Domestic Svc via Frunze; 1035, RS, RS vocal mx, but not //4030 (Rigas 5/26)
- 4131H Cuba, R. Rebelde; 0610, 7th harmonic of 590, lively vocal mx, anmts by OM, been noting this weak signal often (Valko)
- 4485 USSR, PetropovlvasK-Kamchatsky; 0950, RS OM, usually this is a clear freq, but today it was covered by FAX (Bolland 5/14)
- 4573 UNID, Numbers Station: 0208, SP, singing numbers ... alternating C to A (Dickson 6/4)
- 4635 TADZHIKISTAN SSR, R. Dushanbe; 1200, Tadzhik lang px, nothing understood, but fine signal, regional mx (Bowden 5/13)
- 4700.6 VIETNAM, Nghe Tinh (HS); 1300, OM tx in VT, very poor signal ... tent. (Robertson CA 5/3)
- 4734 UNID, possible Brazilian, 0355, mx sounded like Brazilian pops, definite mention of "Onda Larga" at 0400 and unreadable ID, nx after 0400, maybe a harmonic of 790??? (Valko 5/19)
- 4747 EAST GERMANY, R. Berlin International; 2205, first time on this freq w/Russian folk songs, GR tx, 2215, IS in EG for NA Svc of RBI... (Schulze 5/7)
- 4753 SULAWESI, RRI/Ujung Pandang; 1004, YL w/tx and mx (Bolland) 1020, very weak w/Asian-sounding mx, tent (O'Brien 6/8)
- 4755 PERU, R. Huanta; 1026, OM w/LA mx, YL singing (O'Brien 6/8)
- 4770 NIGERIA, FRCN/Kaduna; 2310, EG, disco, ID, "You are listening to the EG Svc of R. Nigeria," TC and 2315* (Dillon 5/19) 0507, EG, OM w/tx on Islamic law (O'Brien 6/7)
- 4770 VENEZUELA, R. Mundial Bolivar; 0120, SP, lively LA mx, IS and ID at 0132 (Dickson 6/8); 0911, OM w/ID (Bobb 6/4)
- 4774.5 INDONESIA, RRI/Jakarta; 1030, YL w/nx, poor signal, at 1035, typical mx and singing (Bolland 5/26)
- 4777 GABON, RTVG; 2320, tx between OM and YL (Bolland 5/11)
- 4780 VENEZUELA, LV de Carabobo; 0918, SP, OM, mx and station promo (Bolland 5/17); 2340, tx and ID, inst. mx, jingles (Alexander, PA 5/18); 0905, OM w/ID (Bobb 6/1)
- 4785 COLOMBIA, Ecos del Combeima; 0925, OM w/Latin mx, TC and ads after each song, clear IDs (Dillon 5/9)
- 4785 PAKISTAN, Quetta; presumed at 0120 w/AR-type mx until 0140, then OM and YL tx, possible ID at hour (Bolland 5/30)
- 4790 PERU, R. Atlantida; 0921, SP, NA, YL w/ID, OM and YL hosting Peruvian mx show (Bobb 6/4); 1031, ballads and TC, fair signal (O'Brien 6/8)
- 4795 USSR, Ulan Ude; 2223, RS, OM, classical mx w/no break on the half hour, 2336, OM tx, then more mx (Bolland 5/19)
- 4796.6 BOLIVIA, R. Nueva America; 2302, ID, slow LA mx, 0101, informas (Schulze 5/10); 0014, SP OM w/tx and partial ID at 0016 (Bolland 6/2)
- 4800 LESOTHO, R. Lesotho; 0513, EG, tx by several people about the Red Cross, "I Just Called to Say I Love You," by Stevie Wonder (a song which won an award and was then banned in South Africa...mln), TC and nx by OM (Valko 5/8)
- 4803.6 BOLIVIA, R. Santa Ana; 0033, SP OM w/tx, very weak signal (Bolland 6/2)
- 4805 UNID Brazilian; presumed here in PT at 0850 w/ads, anmts, Brazilian mx, OM and YL (Alexander 5/19)
- 4810 GABON, Africa #1; FR, 0510, YL DJ w/various types of music, tent. ID at 0558 (Jones 4/13)**Kinda old, OM...mln.

- 4810 PERU, R. San Martin; 1033, tent., OM and YL w/acoustic guitar mx (O'Brien 6/8); *1001, SP OM, opening ID, NA, into mx px (Bolland 5/29)
- 4815 BRAZIL, R. Nac. de Tabatinga; *1000, PT OM, initial opening comments and tune, followed by full ID, "Radio Nacional de Tabatinga ... emisor Radio Bras..." (Bolland)
- 4830 VENEZUELA, R. Tachira; 0935, mx and tx, TC (Z-4) "En Radio Tachira populare ..." (Bolland 6/4); 0200, folk mx, good signal (Dickson 5/26); 2330, LA mx, OM DJ, clear ID, canned ID (Dillon 5/19)
- 4835 GUATEMALA, R. Tezulutlan; 0047, marimba mx, ID (Schulze 5/11) 0130, lcl SP mx, sudden s/off in mid song (Daly 6/11)
- 4840 CHINA, PLA/Fuzhou; 1108, CH, nice inst. mx played, //5170 (Rigas 5/12)
- 4840 VENEZUELA, R. Valera; 0326, EZL LA mx, IDs and TC by OM DJ, canned ID, s/off anmt, NA (Dillon 5/11); 0014, many IDs, ads, chatter and mx (Bolland 5/12)
- 4845 MAURITANIA, Nouakchott; 0658, AR/FR, tx and AR vocals, IDs, good signal (Paskiewicz 5/26) **Sheryl, I haven't forgotten about your CADX column. Expect a letter with full details from me soon. Hope to see you at ANARC! mln.
- 4845.2 INDONESIA, RRI/Ambon; 1040, YL tx and OM tx -- that's it... (Bolland 5/26)
- 4865 CHINA, Gansu PBS/Lanzhou; 2140, CH, ID, GR operatta mx (Schulze 5/6)
- 4865 COLOMBIA, LV del Cinaruco; 0920, SP, OM w/mx, TC, YL w/tx but fading signal...(Bobb 6/1); 0935, accordion mx, OM DM w/canned ID (Dillon 5/12)
- 4870 BENIN, ORTB; 2214, OM and YL w/tx and mx (Bolland 5/19)
- 4880 SOUTH AFRICA, SABC; 0410, AK, accordion mx, OM DJ, polkas and telephone calls... (Dillon 5/11)
- 4882.5 WEST GERMANY, DW; 0125, EG, this is in USB. Probably a feeder, but I have never heard it here before or since. S/off at 0156 (Bolland 5/22)
- 4884.8 ANGOLA, E.R. do Zaire; 2250, noted w/hilife mx, mixing w/Brazil (Bolland 5/29); 2240, PT, lcl Afro pop mx, s/off anmt at 2258 and NA at 2300 until 2303, tent (Daly 5/11)
- 4885 COLOMBIA, Ondas del Meta; 1003, SP OM, tx w/many mentions of "Meta" (Bolland 6/4)
- 4885 PERU, R. Huancavelica; 0535-0554*, many campo songs, OM DJ w/ID, TC and mentions of Huancavelica... (Valko 5/5)
- 4890 ECUADOR, R. Centinela del Sur; 0025, SAM mx w/a number of automatic radio signals on top of this causing QRM (Bolland)

Some random thoughts... I've been doing this column for nearly two years, and I'm ready to call it quits. Bill Oliver is presently looking for another NASWA member to take over the column. If you're interested, contact Bill. We keep receiving letters in the "Contact" column about publicizing the hobby...well, NASWA member Austin Kelly of Chicago has really shown that the interest is out there. Austin booked himself and yours truly on WIND-560 in Chicago on the "Ed Currin" Show. Austin and I will be discussing shortwave radio and providing some tapes of broadcasts we've heard. The show airs June 26th, but I'll have a tape of it. If you'd like a copy, perhaps that can be arranged. On the equipment beat, I'm pleased as punch with my new NRD-515. It's a great rx -- but nobody seems to want my HQ-180. What a shame... it's a fine receiver. I guess I'll keep it. Another new piece of equipment is an Apple Macintosh computer. I've ordered the 128K version but have a source which can upgrade it to 512K for half the price of what dealers charge. More next month. CUN30.



LOG REPORT

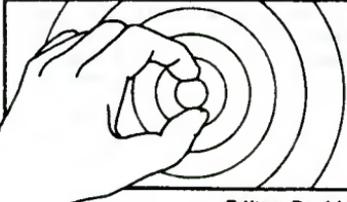
section B

4900 to 6199 kHz

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

- 4905 BRAZIL R. Araguaia, 2305 on 5-4 with PT ID, LA mx (Schulze).
- 4911 ECUADOR Emisora Gran Colombia being widely hrd. 2355 5-15, fair with mx, nx 0006, ads, ID (Bolland-FL); folk mx, ads, good 0105 5-11, QRN (Dickson); nx 0225 5-11, ID, jingle, Banco Popular, fair (Dillon-MD); 0335 5-12 with pop mx, ID, Zambia just below (Schulze); many IDs 0455 5-9, exc sig, peppy LA mx (Valko).
- 4915 BRAZIL R. Anhanguera, EZL mx 0150 6-8, nx 0200, mx, strong, wx QRN (Dickson).
- 4915 COLOMBIA Armonias del Caqueta, mx to 1000 5-17, then NA, full ID; poor (Bolland-FL).
- 4915 GHANA Accra, 2236-2310* 5-15, talk, hi-life mx, nx 2245, NA at end; fair (Bolland-FL).
- 4920 ECUADOR R. Quito, sports, ID 0017 6-10 (O'Brien-VA); EZL mx 0215, HC mx, 5-16 (Dickson).
- 4935 UNID. 0916 6-5, poor with mx, PT man talking, maybe Capixaba, very tough (Bolland-FL).
- 4935 PERU R. Tropical, huaynos 0942 5-17, barely audible over noise (Bolland-FL).
- 4950 CLANDESTINE R. 15 de Septiembre, machine gun 0340 5-17, shouting, etc (Jordan); dogs, sirens, ID 0435 5-11, fair (Dillon-MD); usual talk 0501 5-8, IDs, Verdade QRM (Valko).
- 4950 SARAWAK Kuching, pips 1030 5-19, ID, "Woman's Mag"; CH before; //7160, fair (Hardester-4956.5 UNID. 2210 6-8, unid. language, gal, very poor on good Afr day (Daly-NY). CA).
- 4965 PERU LV de Cutervo, lively mx, sev. IDs, TCs 3 mins. fast, NA, 0532* 5-12 (Valko).
- 4985 BRAZIL R. Brasil Central, 2328 5-16, fast talking, IDs, ads, jingles (D'Angelo-PA); pops, ads, nx, 0215 5-26 (Dickson); telcons, full ID, 0625-0705 5-19 (Sharp-CA).
- 4990 PERU R. Ancaash, ID 0944 6-8, OA mx, ads (DeWhitt); huaynos 0945 5-18, fair, some talking by man, killed when YV carrier came on (Bolland-FL).
- 4996 PERU R. Andina, ID 0145 5-11 (Schulze); folk mx 0303 5-17, possible ID, make it tent. (Jordan); mx 0935 5-17, TC, many mentions of Andina; ivy noise this AM (Bolland-FL).
- 5010 CAMEROUN Garoua, Afr mx 0455 6-7, possibly FR talk, poor, RTTY QRM (O'Brien-VA).
- 5010 PERU R. Eco, SP vocals 0253 5-19, ID over mx, some talk, poor sig (D'Angelo-PA); man talking 1004 5-14, huayno-type mx, poor signal (Bolland-FL).
- 5015 CLANDESTINE R. Truth, *0430-0500* 5-10, bird IS, EG ID, Zimbabwe talk, pops, off with fanfare, ID, IS (Valko); same type prgmng 0438-0501* 5-19, talk on democracy, P-F (Gavaras); 0445-0501* 5-17, commentary, US soul fillers, tough copy (Jordan).
- 5015 USSR Vladivostok, M&W talking 1103 5-26, probably drama, poor signal (Bolland-FL).
- 5020 ALBANIA Gjirokaster, world nx 0302, Tirana ID, s/on apparently 0300 now (Dillon-MD); folk mx 0342 5-24, some talk, better sig than //5057 (Mayer-PA).
- 5020 VENEZUELA R. Nacional, EG pops in "La Mx Nacl" 2311 5-10, nx 0100 (Schulze); strong w/ pops 0023 5-30, ID, distorted (Rigas-IL); speech 0120 5-20, VG, ID 0204 (Daly-NY).
- 5025 BRAZIL R. Borborema presumed, poor 0915 5-14, mx, talk, sig dipping badly (Bolland-FL).
- 5026 UGANDA Kampala, EG ID 0400 5-19, ID for some service nx (Hill-NA).
- 5030 PERU R. Los Andes, huaynos 0953 6-5, ads, full ID 1001, fair (Bolland-FL); 1024 5-26 with OA mx, ID 1025, song by gal, ID again 1029, fair but noisy (Bobb-MN).
- 5039 ECUADOR LV del Upano, sports, ID 0015 5-5 (Schulze); talk 0103 5-16, fair (Bolland-FL).
- 5045 BRAZIL R. Cultura do Para, fair 0039 5-9, pops, ID, TC (Dillon-MD); 0913 5-14, good with TC, ID, "atencaos"; also 0923 5-17, full ID 0930, fair that day (Bolland-FL).
- 5050 ECUADOR Jesus del Gr. Poder, prayers 1040 5-11, Greg. chants, ID, ruf by 1110 (Dillon-MD).
- 5050 TANZANIA Dar es Salaam, NA 0302 5-19, Swahili ID, hi-life, peaking 30 over (Valko).
- 5055 ECUADOR R. Catolica Nac, clas. mx 0107 5-11, talk, ID 0130, relig. talk, TIFC QRM (Dillon-MD); 40's LA mx 0120 5-11, Cugat, ID 0130 (Dickson). Clas. mx or Cugat, guys? JB.
- 5055 FR.-GUIANA Cayenne, blues/jazz 2245 6-6, talk 2300, 2315 tune out; good sig (Daly-NY).
- 5055 SWAZILAND TWR, IS 0356 6-2, EG ID, relig. mx, into GM prgmng 0400 (Alexander-PA).
- 5065 ECUADOR R. Nacl. Progreso, HC mx 0320 5-5, many TCs, mentioned other stns too (Valko); pops, HC tunes, echo anmts, comedies, ID, NA to 0459* 5-26 (Alexander-PA).
- 5199 PERU R. Imagen, OA mx 1000 5-5, TCs; next day no audio past 1005; PMS to 0400*, pro sounding (Valko); 1011 5-28, poor with huaynos, talk, under ute; barely hrd (Bolland-FL).
- 5372 UNID. SP or PT 2353 5-10, light rock, some talking, poor in CW, QRN (Daly-NY).
- 5403 ANGOLA ER do Namibe, PT mx 0515 5-18, natl ID 0600, very poor (Robertson-CA).
- 5565 CLANDESTINE R. 15 de Septiembre, usual talk 2322 5-25, 2352*, //7195 (Alexander-PA).
- 5770 CHINA PLA stn, 1009 5-15, talk, mx, fair, //5170, 6000, 7025, 7280 (Bolland-FL).
- 5800 CHINA Xinjiang PBS, 1120 5-12, long Uighur talk by M&W, some mx (Rigas-IL).
- 5900 USSR RM. WS, end of EG nx 1710 5-18, into "Nx and Vx," ute QRM, QRN (Park-HI).
- 5910 BELGIUM BRT, EG "Belgium Today" 0030 5-8, good sig (Blanchette-FL); 0031 5-8, talk on unemployment, 0101 5-5 cmtry on mid-east (Levison).
- 5930 CZECHOSLAVAKIA Prague, economic talk 0100-0130 5-15, very weak signal (Bowden).
- 5940 AUSTRIA Vienna, German at 0200 5-7, IS, ID, nx (Hinnov).

- 5950 GUYANA GBC, hymn 0928 6-4, ID for 6:30, fair signal (Bolland-FL).
- 5955 COLOMBIA LV de los Centauros, vy poor w/talk 0435 5-21, ments. of R. Marti, echo lds (Jordan); "Madrugada Campesino" 0912 5-27 (Valko); Caracol net 0950 5-12 (Dillon-MD).
- 5955 PERU R. Huancayo, lds/Tcs 0734 5-24, OA pops, live segment, rolled R's, QRN (Valko).
- 5960 CANADA RCI, SWLD 0300-0323 5-5 (Brann); nx, wx, sports, 0302-0328* 5-23 (Bonnet-IN).
- 5960 W. GERMANY DW, world nx in EG to 0508 (Jones).
- 5975 BRAZIL R. Guaruja, lively mx 0940 5-5, ID, jingles, not hrd in some time, gud ZY AM(Valb).
- 5975 COLOMBIA R. Macarena, 1026 5-28, ID, M&W talking, mx, fair in QRN (Bobb-MN).
- 5980 SIERRA LEONE Freetown, choir 2154 5-5, ID, TC, pips, nx, poor but no QRN (D'Angelo-PA).
- 5980 TAIWAN Voice of Asia, fair in EG lessons (CH to EG), 1030-1100 (Bowden).
- 5985 USA VoFC over WYFR, mx 0100, gud 6-5(Blanchette-FL); EG nx 0110 6-6 (O'Brien-VA).
- 5987.5 UNID. Seemed nx 1100 6-5, mx 1109, more talk, certain it's an Indo; poor(Bolland-FL).
- 5995 AUSTRALIA RA, Pidgin 1025 5-12, man DJ, to PNG, TC 1030, //6080 (Dillon-MD).
- 5995 MALI Bamako presumed, hi-life 2350 5-28, VOA QRN, didn't get s/off; fair (Bolland-FL).
- 6000 AUSTRIA Vienna, EZL mx 0042 (Levison); 0128 EG s/on, IS, ID, "Rpt frm Aus"(VanHorn-FL).
- 6000 CHINA PLA, talk 1053 6-1, fair, better than //7280; pips 1100, flutes (Bolland-FL).
- 6006 COSTA RICA R. Relej, nx, Tcs 0833 5-25 (Feeley); LA mx 1038 5-12, ID, TC (Dillon-MD).
- 6010 SINGAPORE BBC FES, "EG by Radio" to 1700* 5-1, QRN (Park-HI).
- 6010 S.AFRICA R.RSA, EG nx abt Africa 0205 6-2, ID, TC, mx, fair overall (Van Horn-FL).
- 6015 VATICAN VR, EG ID 0050 5-10, nx, lstrns ltrs, technical rpt, good sig (Van Horn-FL).
- 6015 NI CARAGUA LV de Nic, EG 0140 5-18, nx (Dickson); nx 0213, Jammed (Brann).
- 6020 BONAIRE RN, EG "Nxlne" 1030 5-28, exc (Blanchette-FL); "Hapi Stn" 1045 5-12(Dillon-MD).
- 6025 HUNGARY Budapest, Hungarian 0030 5-15, IS, ID, nx (Hinnov); EG cmtry on production, 0106 5-24 (Levison); fqs in EG 0225 5-19, 0227* (Feeley).
- 6030 USA APRTS, nx 0600 5-10, UPI, NBC, CBS, USO plug, //11790 VG, both Bethany (Jordan).
- 6040 ANTIGUA DW, EG 0059-0109 6-2, good (Bobb-MN); 0102-0130 EG nx, talk, 5-23 (Bonnet-IN); EG "Germany Today" 0130 5-15, reference to Bitburg, fair but clear (Bowden).
- 6055 CZECHOSLOVAKIA Prague, "Nightime Concert" 2345 5-18, multi-lingual lds (Jordan).//9630.
- 6055 FR. GUYANA RFI-Montsinery, in SP to 0600*, very good 5-10, also VG on //9800 (Jordan).
- 6060 AUSTRALIA RA, "Countdown" 1039 5-29, lstr letters, fair signal (Blanchette-FL); Eritrean interview 1100 5-13, fair (Bowden); Austr nx 5-10 at 1235, ID, pop mx, good signal (Van Horn-FL); world and Pacific nx 1800 5-23, "Four Corners" (Park-HI).
- 6070 CANADA CFRX-Toronto, wx forecast at 1235 on 5-10 (Feeley).
- 6075 USA R.Marti over VOA-Greenville, *0930 5-26, instr. mx, ID, opening armts, also on 11815 at 1600, 11930 2120 (Alexander-PA); 0956-1130+ 5-27, talks, ID on hour, "R. Marti, programa de servicio para Cuba de la Voz de los EE.UU." (no name); several lds during 1030-1100 5-23, fair (Bowden); 1110-1200* 5-26, drama, mx, talks, ment.R.Venceremos (Jordan); good with ID 1130 5-26, nx, pops (Rigas-IL). 0930-1200 250 kw, then 9570 (JB).
- 6080 AUSTRALIA RA, PNG Svc, mx 0830 5-19, nx, EG, into Pidgin 0930, weak but clear (Hill-MA).
- 6090 LUXEMBOURG R. Luxembourg, pops during EG prgm 2320 6-6, ID 2340 (Swaringen-NC); pops, telcons, 2358 5-28, fair overall (Blanchette-FL); 0000 on 5-14 and 5-25, pops, lds as "Radio 208," nx, all EG (Hinnov); DJ format, rock, 0040 5-10, good sig (Van Horn-FL).
- 6095 ECUADOR HCJB, good with "DX Party Line" at 0240-0300 5-18 (Hawk); 0230 5-2 (Brann).
- 6095 PORTUGAL Lisbon, bell chimes 0030 5-30, NA, ID in EG, nx, prgm on PT art and culture, chimes and NA again to 0100*, good signal (Mayer-PA).
- 6100 CUBA Havana, prgm on Puerto Rico history, 0050 6-9, EG (Green); EG nx on Greek elects, 0100-0120 6-4, "Panorama" on electro-acoustic mx, exc sig, //6140 also vy gud(McLemore-FL).
- 6110 PHILIPPINES VOA relay, IS 1059 5-12, world nx, talk, out arnd 1130; //9760 (Dillon-MD).
- 6115 PERU R. Union, man with Tcs 0723 5-28, mx, ID, fair-good signal (Bobb-MN).
- 6117 COLOMBIA LV del Llano, man with lds 0627 5-18, lively LA dance mx (Sharpe-CA).
- 6125 E.GERMANY RBI, EG ID 0200 5-17, nx, talk on nukes, F-P, Caribbean Svc (Jordan).
- 6130 ECUADOR HCJB, EG "DX Party Line" 0939 on 5-25, ID, fair sig (Bobb-MN).
- 6135 SWITZERLAND SRI, IS 0140 5-10, ID, Swiss folk mx, good signal (Van Horn-FL).
- 6135 TAHITI Papeete, banjo 0600 5-18, FR singing, ID 0615, //11825, 15170, poor(Hardeste-CA).
- 6140 CUBA Havana, EG nx 0232 5-16, exc signal (Dickson).
- 6150 COSTA RICA R. Impacto, ID, history, 1110 5-15 (Hinnov); mx, lds, 0151 5-15 (Brann).
- 6155 JAPAN FEN, baseball 0942 6-1, Singapore fading in also, poor sig (Bolland-FL); EG pop mx 1107 5-26, FEN ID, AP nx (DeWhitt).
- 6155 SINGAPORE R. Singapore, VP 0946 6-1 (Bolland-FL); tent. 1045 6-8, YL, jingle (O'Brien-VA).
- 6160 CANADA CKZU-Vancouver, CBC nx 0704 5-19, sports, wx, nx, jazz mx (Park-HI).
- 6160 CANADA CKZN-St.Johns, 0925 5-25, armts, CBC nx, wx, poor-fair (Bobb-MN).
- 6165 MEXICO XEWW, 0850 6-1, talk, mentions of Mexico, poor-fair (Bobb-MN); 1005 6-1, ads, Tcs, mx, signal improves some after 1000, fair overall (Bolland-FL).
- 6175 ANTIGUA BBC relay, ID 0000 5-14, world nx, "Nx Abt Britain," good sig (Dillon-MD); "Land of 1000 Dances" 0432 on 5-12, //9510 (Park-HI); sports 2245 6-6 (Swaringen-NC).
- 6180 VENEZUELA R. Turismo, LA mx at 0953 on 6-4, "Numero Uno" and Turismo promos (Bobb-MN).
- 6185 USA WRNO, 0352 5-18, "Entertainment Coast to Coast," "World of Radio," good (Brann); GH 0430-0500 5-25, exc sig (Harrington-CO); 1040-1100* 5-26, pops, ID, vy gud(Bobb-MN).
- 6188.4 INDONESIA RRI-Manokwari, nx at 1102 6-1, mx 1105, poor (Bolland-FL).
- 6188.5 PERU R. Oriente, man anncr 1037 6-8, long talk, SP version of an Abba song; good signal (O'Brien-VA).
- 6195 ANTIGUA BBC relay, ID for Caribbean Relay stn 0900 5-24, into world nx, "Review of the British Press" (DeWhitt). +++ Hope all are having a nice summer--73



LOG REPORT

section C

6200 to 11699 kHz

Editor: David L. Walcutt, 211 West 56th, Apt. 36-F, New York, NY 10019

- 6205 MONTE CARLO? *2200-2301* EG, s/on w/ID, sked, gave Portugal & England addresses, rel pgm; weak (Tho' you heard "AWR" I suspect it's TWR -ed.). Alexander-PA 5/19).
- 6215 MONTE CARLO TWR; *0343-0414* GM, mx box IS, ID, rel pgm (Alexander 6/2)
- 6230 CLAND. R. Monimbó; 0041 SP, W anc, poor (O'Brien 6/6); 0202 mx, many ment. Nicaragua (Brann 5/15); 0224 SP, mx, including "Cotton-Eyed Joe"; Monimbó is a Miskito barrio in Mayaya city known for its uprising against Somoza in Feb. '78; ancrs seem to be Miskito, claiming solidarity with people on Atlantic coast and "los campesino del norte (Moore).
- 6305 CLAND. LV del CID; 0235-1050 SP, mx & politics (5 reporters).
- 6545v CLAND. R. Venceremos; 0110-0120* SP, M&W gave full sked, Mexico DF address; claim to be from Morazán, "territorio en combate contra la opresión (C. Moore 5/28).
- 6674 CLAND. LV de Alpha 66; 0201 SP ID, excited talk by M (DeWhitt 5/11).
- 6888 CHINA CPBS-2; 1330 CH play of the modern variety (Robertson 5/24).
- 6910 IRELAND R. Dublin Int'l; 0440 EG, "WMR" pgm, RDI ID at 0451, ad for WRTVH; weak (Hill-MA 5/27).
- 7130 TAIWAN VOFC; 1139 JP w/CH language lessons (Park-HI 6/4).
- 7135 AUSTRALIA RA; 1104-1110 CH, ID, waltz mx (Bobb-MN 5/26).
- 7145 POLAND RP; *0200-0313+ EG, IS, ID, Soviet block nx, anti-Western nuke policy cmntry; top twenty music (Jordan 5/26, Levison 6/2).
- 7150 EGYPT Voice of the Arabs; 2343 AR; better than dual 11665 (Daly-NY 5/19); 0304-0315 AR mx; dual 9770 (Hill-MA 5/18).
- *7210 USSR, ASIATIC R. Tikhiv Okean; *0748 EG, M&W w/weekly 5 minute xmsn; cmntry on success of worker's revolutionary gains; S. Korea problems; M&W w/separate ID's; //7492 USB (M. Hardester-CA 5/18).
- 7225 TUNISIA R. Tunis; 2158-2238 AR mx, nx, cmntry (Hawk 5/9); 2240 AR mx, fair/good; also on 9675, which was poor (Daly 5/19).
- 7245 LIBYA Voice of the Arab World; 2358 singing, //11815 (Daly 5/19).
- 7250 VATICAN CITY VR; 0500 EG "The Church Today"; p (Nagel 6/1).
- 7255 NIGERIA VON; 0447 EG, bells IS, ID, mx (Vadino 5/15); 0530 EG (Nagel).
- 7270 POLAND RP; 2235-2350 EG, mx, cmnt (Levison, Hinnov, Thunberg 5/28).
- 7275 KOREA S. RK; 1130-1200 EG, essay contest on 21st Olympiad to be held in Seoul in 1988 (Bowden 5/12); 1135 EG "Shortwave Feedback" (Park 6/2).
- 7345 CZECHOSLOVAKIA; RP; 0100-0135 EG to North America (4 reporters).
- 7355 ALASKA KNL5; 1806 "Chuck Cecil's The Swinging Years" (Park 6/4).
- 7355 PIRATE R. Clandestine; 0301-0255 EG, back to their "waiting until legal st s/off" bit, fake ads for "Car Jar 2", LP and Ex-Wives Day; first log since 12/10/84; exc w/het from WYFR near end (McLemore-FL 5/31).
- 7395 GREECE VOG; 0320-0350 GK/EG, mx, nx; //9420 better (Hill-MA 6/5); *0342-0349* EG, ID & sked by W, nx items (Jordan 5/27).
- 7428 PIRATE "WYMN"; 0110-0135* EG; fair w/mx selections performed exclusively by female artists; W DJ (Rigas-IL 5/12).
- 7430 PIRATE "KROK"; 0204-0236 oldies relay, Moorhead, MN address, s/off with Close Encounters theme (McLemore-FL 6/8).
- 7433 PIRATE "WSWL"; 1950 Bee Gees mx, tnx Richardson, DXNL (O'Brien 6/9).
- 7433.4 PIRATE Radio Pandora; *0304-0315 w/"Man laughing" IS, ID, 75 watts, Moorhead Box 245 address, rock mx, etc. (Gavaras 5/19).
- 7435 PIRATE Secret Mountain Laboratory; 2323-2328 real nice guitar/piano mx, ID, Hilo address; f-g (Gavaras 5/19). Where's MM, Tom?
- 7435 PIRATE R. Woodland Int'l; 2355-2400* Jethro Tull (O'Brien 6/9).
- 7435 PIRATE UNID. relay of an official FM stn whose call letters sounded as "KEZO" w/country mx format, 0056-0134* (Rigas-IL 6/2). KEZO is an FM station in Omaha, Nebraska on 92.3, with country mx; per FM Atlas -ed.
- 7437 PIRATE R. North Coast Int'l; *0135-0204*, came on right after KEZO relay playing new wave rock mx & comedy (Rigas 6/2).
- 7670p BULGARIA Horizon relay; 0306-0336 mx & tlk, presumed the one as this column is being typed -- surprised not reported more often! -- quite a pleasant blend of Bulgarian, classical and pops (Walcutt 6/26).

8566 CHINA CPPS-M.L.; 1215 Korean M&W discussion (Park-6/29).
9020 CHINA CPBS-; 1535 Chinese, accordion mx including "Beer Barrel Polka",
ID by M, Western classical mx; 1556* (Sharpe-CA 6/6).
9420 GREECE VOG; 0000-0410 Greek mx, 0135 EG, to N.Am. (6 reporters).
9435 ISRAEL KI; 2130 EG, nx, Israel Festival ex-9440 (Zilmer 5/30);
0016-0024 EG, program about Israel (Hawk 5/19).
9440 ISRAEL KI; 0059-0130 EG, IS, ID, mailbag (Dillon 5/10, Brouillette 5/13).
9475 EGYPT R. Cairo; 0213 EG folk mx, ID w/TC, world nx (Van Horn-FL 5/10).
9490 USSR RSP&P; 0131-0140 SP, many ment. Nicaragua, ID; g (Mayer-PA 6/2).
9495 MONTE CARLO TWR; 0813 EG religious fable (Feeley 5/25).
9505 JAPAN RJ; 0803 JP, final day of Summer Grand Summo tourn. (Park 5/26).
9510 ROMANIA RB; 2350 IS, into s/on mx by Enesco (Bobb-mn 5/25).
9515 MEXICO LV de la America Latina; 0347 SP, ID, pops (Jordan 5/26).
9520 HUNGARY RB; 0110 EG, industry & economics (Dickson 5/24). 0100 EG, ID,
nx, cmntry on Geneva talks (Mayer 5/28); 0300-0313 EG, IS, ID, sked then
to DX program with reception reports, station info (Jordan 5/8).
9520 PAPUA N.G. NBC; 0610 EG promos, ads TC, Island mx, pop (DeWhitt 5/17).
9525 CUBA RHC; 0747 EG "The World of Stamps" philatelic pgm (Park-HI 5/14).
9530 USSR RM; 0042 EG, Big Band U.S. style swing, science pgm (Dickson 5/24).
9535 CHINA R. Beijing; 1245 EG Listeners' Letterbix; 1256* (Zilmer 5/19).
9540 VENEZUELA R. Nacional; 1120 SP, LA mx, ID with sound effects (Bobb 5/27);
0025* SP nx by M&W inc. LA & C.Am. items; lively LA mx (Dickson 5/24).
9540 CZECHOSLOVAKIA RP; 0141-0155 EG, DJ w/Czech pop mx (Brouillette 6/2).
9545 SOLOMON IS. STBC; 0715 Pidgin (Neo-Melanesian) mx requests; also //
5020 (Feeley 6/2).
9550 CHINA RB; 1300-1330 EG story of W Chinese opera star, Liun Ling, inter-
viewed with opera mx (Bowden 5/17).
9555 PORTUGAL R. Liberty; 0230 IS, discussion in Russian (Walcutt 6/27).
9560 GERMANY, E. RBI; 0230 EG, nx (Zilmer 5/22). Wiped out tonight by Turkey
-ed. 0300-0314 EG, nx, ID, 0315 goodnight from the GDR (Harrington 5/25)
9560 TURKEY TRT; 2220-2230 EG, mx & Turkish features (Hinnov 5/22, Van Horn
5/9); 2345-0200 Turkish mx (Swaringen 6/6, Hawk 5/19, Bowden 5/15); 0235
EG M&W w/ID's, world nx, "Turkish Press Review", lbx (Jordan 5/8).
9570 ROMANIA R. Bucharest; 0400 EG Frequency Schedule, nx (Zilmer 5/21).
9570 USA R. Marti via VOA, Greenville; 1215-1330 SP, M with talks, ID, live-
ly Cuban mx plus EZ mx, ann'd VOA Cuban service (Jordan 5/24).
9575 ITALY RAI; 2228-2242 IT, IS, ID, nx (Van Horn 5/9, Harrington 5/23).
9580 AUSTRALIA RA; 1110-1630 EG, beamed to N.Am. (6 reporters).
9580 USA R. Marti, via Greenville; 1245-1400 SP, M&W w/horosopes ("Tu y las
Estrellas"), Juan Pedro Somoza w/entertainment from Cannes, US & Cuban
pop mx, nx on Cuban reaction to R. Marti; now on 9570 (McLemore 5/20).
9589.9 NEPAL RN; 1149 M&W with W giving a religious talk and M translating it
(p) into unid. lang.; possible nx on hour after mx interlude (Bolland 6/5).
9605 NORWAY RNI; 2300 EG "Norway This Week", nx & views; to S.Am. (Zilmer
5/22); 2357-0007 NW, IS, ID in EG/NW; fair (Bobb-MN 6/1).
9610 AUSTRALIA ABC-Perth (VLW-9); 1130-1300 nx cmnt, jazz from the 20's and
30's including vocals (Bowden 5/12, Bonnet 6/5).
9610 USSR RM; 2300-0125 EG to N.Am. (Harrington 5/23, Bowden 5/17, Dickson).
9612 UNID. Noted 5/27 at 0708 - 0910 w/AR M ancr, occasional Instr. mx, mainly V vocal mx, and some mixed
chorus mx. Time signal [ppls] at 0759:54 consisted of 5 distinct lower notes and a possible sixth note
higher in pitch. At 0801 ment of "Radiodiffusion" followed by what sounded like "Française." At 0807:00
to 0808:30 sounded like anthem w/M&W chorus, except that after "anthem" M continued to talk. From 0858:30
to 0900:50, a 5-note IS of 3 descending notes, a 3-4 second pause, and 2 ascending notes; IS not familiar.
At 0901 several ment. Baghdad. Who/what? (M. Hardester-CA 5/27). Sounds like ALGERIA to me, Mike -ed.
9620 YUGOSLAVIA RY; 2117 EG, nx, cmntry on Yugo. PM's visit to the U.S.
(DeWhitt 5/28); 2125-2132 EG W on marinas, ID, IS, into FR (Bobb-MN 5/23)
2130 EG with pgm about Yugo. & other European economies (Hinnov 5/10).
9630 SPAIN SFR; 0000-0200 EG to N. Am., SP by radio lessons (5 reporters).
9635 AUSTRIA ORF; 0428 EG, IS, nx w/W, Austrian history and report about an
American film being made in Austria (Vadino-WA 5/8).
9635 COLOMBIA R. Nacional; 0205 SP, ID by M, EZ instrumentals (Jordan 6/3).
9640 ALGERIA RA; 2007-2030 EG nx with musical notes between items, "We come
to the end of the news from Radio Algiers" followed by "a review of the
events of the week" produced by int'l svc, ann'd //15160 (D'Angelo 5/19).
9650 HOLLAND RN; 1030-1100 EG nx, China item (Bowden 5/24).
9660 USA R. Marti, via VOA, Greenville; 0010-0021 SP, clear ID saying they
provide information to Cuba (D'Angelo 6/2); 0055-0300* SP, U.S. pop mx
chimes 0100 and ID's followed by nx; //1180 not heard (Alexander 5/26);
0100-0130 SP mx beamed to Cuba (Bowden 5/23). 0130 SP cmntry (Dickson).
0153 SP rock mx, powerhouse signal here in Georgia (Feeley 5/21).
9660 VENEZUELA R. Rumbos; 1246-1310 SP, nice blend of LA tunes; frequent TC's
occasional ID's; chimes between songs (D'Angelo 5/19); 1905 SP LA mx,
ID at 1905 -- they must love R. Marti (Feeley 5/27).

- 9665 SAIPAN KYOI; 1620 EG "Super-rock KYOI" ID's by M&W with listener request address in Hawaii (Jordan 5/19); 1842 EG, newsman Jim Jay of Honolulu's KHVH with T-shirt promo; into What! UK mx (Park-HI 5/29).
- 9670 SAIPAN KYOI; 1901-1920 JP ID, W with rock mx pgm (Bobb-MN 5/26).
- 9680 USA VOPC via WYFR; 0130-0200 EG cmntry by M on Marxism, vocal mx (Mayer 5/28); 0430-0500CH by M&W w/nx, interviews' ID by W (Jordan 5/30).
- 9685 ALASKA KNLS; 1048 RS, presumed (O'Brien 6/8); 1059 ID in Russian and into unid. Asian language (Rigas-IL 6/2).
- 9690 ARGENTINA RAE; 0100 EG s/on, summary of news (Green 6/9); 0200 SP nx, LA & C.Am. affairs (Dickson 5/15); 0338 SP M&W, vocals (Bonnet 5/18).
- 9690 ROMANIA R. Bucharest; *1930 EG, IS, ID, nx by W; fair (Mayer 5/22).
- 9695 SWEDEN RSI; 2310 EG current events discussion, "Workday Monday" pgm, ID (Van Horn 5/20); 0230-0300 EG nx, Sweden wx, air travel strike over, SCDX'ers (Harrington 5/22); 0230-0300 EG IS, ID, antms, nx by M, talk on labor dispute in Sweden; good (Mayer-PA 5/21).
- 9695 USSR RM; 0900-0930 EG nx, U.S. withdrawal from S. Korea (Bowden 5/19).
- 9700 BULGARIA R. Sofia; 2340-2359* EG, M&W on Bul. high schools (Jordan 5/29).
- 9700 KOREA PDR RP; 1028 KR, usual anti-Chun Doo Hwan talks (Park 5/9).
- 9709 UNID. 1028+ FR?, flute mx, M "chanting" [not prayer] but with occasional instr. mx which sounded religious. Sig peak 0250-0255. No ID noted across hour (Hardester 5/17).
- 9715 NETH. ANTILLES RN; 0627 EG, IS, pips, nx; //9630 (Park 5/15).
- 9725 SWITZERLAND SRI; 0200-0230 EG, Beirut car bombing (Bowden 5/22). 0343 EG, new time prior to regular SRI xmsn to N.Am. w/talks on ICRC activities, M&W ancrs; //6135, 12935, 15305 (Hardester 5/28); 0426 EG/GM, back for summer reception here with Swiss SW MGR, polka mx, ID (Park-HI 5/12); 0412-0430 EG Swiss SW MGR, excellent signal (Harrington 5/26).
- 9730 GERMANY E. RBI; 2328 EG nx, ID, cmntry on space weapons (Alexander 5/18).
- 9740 CUBA RHC; 0100-0200 EG spotlight on LA (Bowden 5/25, Zilmer 5/30).
- 9745 ECUADOR HCJB; 0237-0254 EG, DX Party Line (Brann 5/16). Wonder why they maintain such an archaic pgm name -- there are no more party lines in US
- 9745 KOREA, PDR RP; 1135 EG, symphonic mx, cmntry on N. Korae (Van Horn 5/10).
- 9750 KOREA, PDR RP; 1106 EG, long nxcast, ex-9745 (tho heard there earlier) and //9977; het 9749 (Park-HI 5/19).
- 9750 KOREA, REP. R. Korea; 1400-1500 EG nx & cmnt, talk on traditional music. East-West contact; "Bride of Friendship" pgm, lbx (Sharpe 5/31).
- 9755 CANADA RCI; 2305-2320 EG baseball scores, Carribean Svc. ID (Swaringen 6/6); 2320 EG interviews, mx, "As It Happens" (Van Horn-FL 5/20).
- 9760 UK VOA-Wofferton; 2005 EG nx by M, ID; to Europe; p (Mayer 6/2).
- 9760 PHILIPPINES VOA-Tinang; 1130-1200 EG "Issues in the News" (Dillon 5/12). 1200-1230 EG, a woman comments on the high tobacco taxes (Bonnet 5/24).
- 9765 GERMANY, W. DW; 2131-2150* EG to Asia, mx requests pgm (D'Angelo 6/1).
- 9765 KOREA, PDR RP; 0809 EG long-winded newscast, Kim Il-Sung (Park 6/3).
- 9800 FR. GUIANA RFI-Montsinery; 0303-0313 FR nx (Harrington 5/19); 0344 EG, Donald Fagen's "IGY"; into ID & news (Park 5/7).
- 9815 ISRAEL KY; 0000-0010 EG, IS, ID, ME nx; f (Dillon-MD 5/20).
- 9820 USSR RM; 0110 EG, Pozner on Jerry Falwell (Dickson 5/21); 0125 "Radio Bridge" (Brann 5/24); 0200 EG, "Radio Kiev" cmntry (Bowden 5/23).
- 9835 HUNGARY RB; 0200 EG, IS, ID, anmts, nx by M (Mayer 5/21).
- 9825.5 USA WRNO; 2345 EG ad for Wall Street Journal (Feeley 5/13).
- 9870 SAUDI ARABIA BSKSA; 2210 AR, singing & prayer; g, //11740, 11800 (Daly).
- 9895 HOLLAND RN; 0140-0210 EG to N.Am., "SW FeedbaCK" pgm (Vowden 5/25).
- 9905 GREECE VOG; *0200 GK, IS, ID, local mx (Zilmer 5/30).
- 9915 UK BBC W.S.; 0000 world nx (Green 6/9); 0100 nx etc. (Dickson 5/21).
- 9940 CLAND. LV DEL CID; 2350 SP, freq., ID's; 2353* (Feeley 5/13).
- 9977 KOREA PDR RP; 1210- 1249* EG nx, cmntry (Paszkievicz 5/12, Bonnet 5/31).
- 10040 VIETNAM Vov; 1132 RS, mx; //15010 (Bolland 5/26); 2040 EG nx, pol. cmntry discussion of Indian PM's visit to USSR; Viet mx (Hill-MA 5/25).
- 11620 INDIA AIR; 2200-2230* EG nx, Indian mx (Paszkievicz 5/11, Swaringen 6/6).
- 11639 EGYPT R. Cairo; 0230 EG on Egypt-Indian relations (O'Brien 6/6).
- 11640 CLAND. UNID; 1831-1924* Parsi, on Islamic Iran; ME & Western mx, several ment. of Shapour Bakhtiyar; anthem; not V. Libyan People (Dillon 5/18).
- 11655 ISRAEL KI; 2135 EG world nx, local wx, ID, cultural report (Van Horn 5/9); 0000 EG s/on, into news (Green 6/9).
- 11655 KOREA PDR RP; 1801 FR nx w/emphasis on Kim, ex-11660 (Park-HI 5/31).
- 11675 KUWAIT RK; 1800-1855 EG nx, pop mx, mx request pgm (Walker 6/4, Feeley 5/26, DeWhitt 5/10).
- 11680 KORAE PDR RP; 1620 Korean, revolutionary mx, one ID (Sharpe 5/31).
- 11690 USSR, ASIATIC R. Orbita?; 1740 RS, US & Euro-style jazz by Soviet artists; //11705 (Park-HI 5/11)

Beginning next month Peter Drizhal of Wheaton, MD will be taking over this log report section. Much as I enjoy this, time constraints make it more and more difficult to do. Thanks to all and give Peter your best efforts! 73, *Daly*



LOG REPORT

section D

11700 and above

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

- 11705 SWEDEN RSI in EG 2300, tlk on EDXC annual meeting (Blanchette FL 5/28) also in EG 0230-0300, nx, features (Paszkiwicz WI 5/31, Harrington CO 5/22, Bobb MN)
- 11705 FRANCE RFI in EG 0420-0430, ID, tlk on kidnappings in Lebanon (Swaringen NC 6/7)
- 11710 ARGENTINA RAE in EG 0145-0200, ID, address, freqs, QRM Moscow (Harrington 5/19)
- 11710 USSR R. Moscow WS in EG 1917-1931, nx, g (Brann 5/12)
- 11710 CANADA RCI in EG 2318, cmntry on model R.R. engines (Levison PA 5/26)
- 11730 UNITED ARAB EMIRATES R. Dubai in EG 0330, nx, wx, ID 0334, p (Hill MA 5/11) in AR 0233-0333, prayer chants, tlk in AR, ID in EG 0330, f-p (Jordan PA 5/8)
- 11730 PORTUGAL R. Renascenca in PT 2325-0003, IS, time & freq, nx (D'Angelo PA 5/11)
- 11730 NETHERLANDS RN in EG 2040-2050, M & W w/nx topics, ID, f (Bobb MN 5/24)
- 11730 USSR R. Moscow FE in JP 2203, nx, pgm on foreign relations (Park HI 5/19)
- 11735 USSR R. Moscow NAS in EG 2300, cmntry on USSR role in WW II (Bowden CA 5/12) also in EG 0120, tlk on fire bombing in Phila., guitar mx (Dickson OH 5/30)
- 11735 USSR R. Kiev in RS *2059-2110, IS, ID, nx, f (Bobb MN 5/26)
- 11740 VATICAN STATE VR in Latin 0540, mass in Latin, f (Hill MA 5/27)
- 11740 MADAGASCAR R. Nederlands relay in EG 2026, IS, "Happy Station" show, TC, EZ mx, (Van Horn FL 6/2) also in EG 2108-2123, ID, "Dutch by Radio" (Dillon MD 5/28)
- 11745 BRAZIL Radiobras variously rptd in EG 0200-0300*, ID, sambas, rpts (Dillon 5/18, Harrington CO 5/19, Bowden CA 5/14, Bonnet IN 6/2, Dickson OH 5/15)
- 11750 IRAQ Voice of the Masses in AR 1835, ID, mid-East mx, g (Dillon MD 5/27)
- 11750 BULGARIA R. Sofia in EG 2030, freq sked, nx, //9700, f (Zilmer NM 5/27) also in EG 0300-0330, mx, features, listener's mailbag (Bonnet 6/2)
- 11755 CHINA R. Beijing in EG 1020, "Listener's Letterbox", //9700, f (Park HI 5/12)
- 11760 COOK ISLANDS RCI widely rptd in Maori 0447-0825, island vocals, ID's, pop mx, some ads and nx in EG (Robertson CA, Jordan PA, Paszkiwicz WI, DeWhitt, Alexander PA, Park HI, Valko PA) ED: WRTH says only 500 watts!
- 11760 MOROCCO VOA relay Tangier? in EG 2010, world nx, promos, g (Van Horn FL 6/2) ED: VOA Frequency Schedule lists relay sta at Woolferton, England this time slot.
- 11780 NEW ZEALAND RNZ in EG 0505-0520, mx, spts rpt, f (Jordan PA 5/25)
- 11780 UNITED KINGDOM BBC European Service in RM 1806-1811, nx, g (Palmer WA 4/12)
- 11790 USA VOA Bethany in FG 000-0056, baseball game, exc (Brann 5/14)
- 11800 ITALY RAI in EG 2025-2045, nx, mx to Near East, f (Zilmer NM 5/27) also in EG 0100-0130 w/tlk about Spain & Portugal entering EEC in future (Bowden CA 5/21)
- 11800 SRI LANKA SLBC in Hindi 1500-1600, Near-East mx, ID (Sharpe, Bowden CA 5/18)
- 11810 ROMANIA R. Bucharest in EG 0410, nx, f (O'Brien 6/6)
- 11810 PAKISTAN RP in EG 1702-1745 in EG, nx, ID, vocals, f-p (Jordan PA 6/2)
- 11810 SOUTH KOREA RK in KR 1745, "Around the Country", p (Park HI 6/4)
- 11815 USA R. Marti in SP 1443-1715, pop mx, ID's, IS, nx, TC, riveting episode about poor blind Esmeralda and the evil doctor (Moore 5/27, Paszkiwicz WI 5/26)
- 11815 GABON VO the Gospel in Hausa, ID, freq, strange mx *1720-1730, g (Valko PA 5/6)
- 11815 NETHERLANDS ANTILLES TWR Bonaire in EG 1115-1200, IS, ID, pgm sked, nx, relig mx, spts, mailbag (Bonnet IN 5/24, Bowden CA 5/13, Hinno NJ 5/1)
- 11825 TAHITI RT in FR 0245, US rock mx, phone-in show, g (Van Horn FL 5/10)
- 11840 JAPAN RJ in SH 1745, topical pgm w/interview of Japanese man (Park HI 6/3)
- 11840 USSR R. Moscow in EG 2007-2015 relayed by Cuba, nx, ID, g (Harrington CO 5/18)
- 11840 GUAM KTWR in EG 0848, religious tlk (Feeley CA 5/25)
- 11845 USSR R. Paz & Progresso in SP 0000, IS, ID, nx (Hinno NJ 5/27)
- 11850 ALASKA KNLS in EG 0719-0721*, ID, "The Swinging Years", p (Park HI 5/8) also in EG 0805 w/tlk on nutrition (Feeley CA 5/25)
- 11860 CHINA R. Beijing in EG 1100-1206, world nx, IS, ID, tlks, rpts (Bowden CA 5/12, Feeley CA 5/11, Jordan PA 5/17)
- 11860 SPAIN REE in EG 0107-0159*, nx, mx, tlks, features, SP lesson (Bonnet IN 5/24)
- 11890 PHILIPPINES APFRTS relay in EG 1815, nx by Paul Harvey, jammed (Park HI 5/16)
- 11900 NO. MARIANAS KYOI Saipan in EG 1243 w/T-shirt offer (Feeley CA 5/17) also in EG 1435-1510, rock mx, ID's, occasional ads in JP, f-p (Mayer PA 5/28)
- 11910 ECUADOR HCBJ in EG 0117-0130, scripture readings, ID, TC, g (Mayer PA 6/1)
- 11920 MOROCOO (t) This one was listed last month as "Unidentified". Bruce Macgibbon of Gresham, OR believes this one to be Morocco since he has hrd it in parallel to 15335. According to the International Listening Guide for J85, Morocco has been listed on 11920 from 1900-0100 while Jordan is on from 0330-1500.

11940 SAUDI ARABIA BSKSA in AR 0315-0345, chanting, ID Riyadh, p-f (Hill MA 5/19)
11940 GABON Africa #1 in FR 2100-2130, excellent mx, g (Bowden CA 5/18)
11940 ROMANIA R. Bucharest in GM 1220-1226*, ID, horn IS, sked (Dillon MD 5/18)
11940 SINGAPORE RS in EG 1400-1430, nx about S. Afr. violence (Bowden CA 5/12)
11945 CANADA RCI in EG, "SWL Digest" to Europe, g (Nagel PA 6/1) 1st time contributor!
11950 JAPAN RJ in EG 0530-0600, nx about US-USSR meetings, QRM USSR (Bowden CA 5/16)
11960 ECUADOR HCJB in SP 0230, Julio Iglesias's "Hey", mx in background (Park HI 5/6)
11960 USSR R. Kiev in EG 2335-2345+, cmntry on US foreign policy in C Am (Jordan 5/17)
11960 AUSTRALIA RA in EG, nx, exc (Schulze 5/19)
11975 EAST GERMANY R. Berlin in EG 0130, nx headlines (Levison PA 6/1)
11990 KUWAIT RK in AR 1800-1831, Star Wars mx, tlk, AR mx, ID, f (Dillon MD 5/18)
12015 MONGOLIA Ulan Bator in EG 1200, IS, ID, NA, sked, nx, p (Paskiewicz WI 5/29)
12030 USSR R. Moscow FE in EG 0413, "Moscow Mailbag", //13605, QRM SRI (Park HI 5/26)
12060 USSR R. Moscow N. Amer. Sv. in EG 0211-0252, tlk on Gandhi visit (Brann 5/22)
12085 SYRIA R. Damascus variously rptd from 2006-2100 in EG, local mx, ID, cmntry, sked "Welcome to Syria" pgm (D'Angelo 5/25, Van Horn 5/9, Feeley 5/27, Hinnov 6/1)
12095 UNITED KINGDOM BBC London in EG 1615-1630, TC, ID, feature (Mayer PA 5/21)
13512usb WEST GERMANY Feeder in Frankfurt in PL 1750, Pope's visit to Belgium (Rigas IL)
13605 USSR R. Moscow via Khabarovsk in RS 0135, classical mx (Rigas IL 5/25) also in EG 0525-0600, tlk on Soviet worker's rights, US rock mx (Jordan PA 5/24)
13605 USSR R. Kiev in EG 0200-0230*, caught s/off of R. Rodina in RS, then R. Kiev on w/IS, ID, nx, tlks, DX pgm, local mx, f (Jordan PA 5/27)
13625 USSR R. Moscow in SH 1730, IS, ID, jungle mx, tlks, jamming (Park HI 5/12)
13645 USSR R. Moscow via Ulyanovsk in EG 1125, RS mx, //13680 (Rigas IL 5/20)
13655 USSR R. Moscow in EG 1104, tlk about arms race & Star Wars defense (Rigas 5/25)
13660 USSR R. Moscow in krasni-lang 1900-2000, ID's in FR, g (Jordan PA 6/2)
13665 USSR R. Moscow via Murmansk in EG 1235, readings from Marxist Review (Rigas IL)
13680 USSR R. Moscow via Kalinin in EG 1122, mx by Soviet composers (Rigas IL 5/20)
13755 USSR R. Moscow via Nikolayev in RS 1705-1745+, tlks, mx (Jordan PA, Rigas IL)
15010 VIETNAM VOV in RS 1132-1145, mx, //10040, p (Bolland FL 5/6) in JP 2150 w/ tlks on US & Nicaragua, p (Park HI 6/4) in EG 1900-2000, p (Daly NY, Zilmer NM 5/27)
15060 SAUDI ARABIA BSKSA in Bambara 1811-1831, tlk, time pips & ID, f (Dillon MD 5/27)
15084 IRAN VOIRI in Farsi 1245-1300, tlk re Israel, Qu'ran px, AR mx, Islam px, p-QSB (Dillon MD 5/18) also in SP 0220-0230, //9022, ID (Hill MA 6/6)
15100 USSR R. Moscow in EG 1900-2000, IS, ID, tlks, mailbag, g (Jordan PA 6/1)
15105 ASCENSION IS. BBC relay in FR 1810, IS, ID, nx magazine, QRM-p (Park HI 5/24)
15106 EQUATORIAL GUINEA R. Africa in EG 2018-2045, gospel hr, relig mx & sermon, g (Van Horn FL 5/10, Blanchette FL 5/8)
15110 USA WMLK Bethel, Pa. variously rptd in EG 1719-1801, test xmsn w/bible readings, ID "...this is station WMLK, the international radio voice of the Assemblies of Yahweh in Bethel, PA, vg (McLemore FL 5/12, D'Angelo PA 5/27, Bobb MN 5/27)
15120 CHINA R. Beijing in SP 0100-0105, IS, ID, world nx, QSB (Dillon MD 5/18)
15120 SEYCHELLES FEBA in EG 0749, relig tlk, ID, promo, mx pgm from UK (Park HI 5/26)
15120 WEST GERMANY DW in AR 1143-50*, AR mx, nx, ID, g (Bolland FL 5/26)
15140 CHILE R. Nacional variously rptd in SP from 2215-0155, EZL mx, nx, DJ pgm, ads (Dickson OH, Park HI, Dillon MD, Hinnov NJ, Jordan 5/30)
15145 USA WINB Red Lion, Pa. in EG 0315-0330*, instr mx, ID, f to S. Am. (Mayer PA)
15150 USSR R. Moscow in RS 2100, organ mx, f (Nagel PA 6/2)
15150 USA WMLK Bethel, Pa. *0403-0413, ID's, anmnts as 15110(?) log, scripture reading vg but QRM RNZ (McLemore FL 5/27) ED: see also 15110 above with same report date.
15155 ECUADOR HCJB in EG 0105, "Passport Program", g (Van Horn, FL 5/10)
15170 USA WYFR Family Radio in EG 2258, IS, ID, "Open Forum" (Park HI 5/6)
15170 USSR R. Moscow in EG 1055, attack on Papal conspiracy trial (Park HI 5/31)
15175 USSR R. Atlantika in RS 1150-1202, classical mx, nx in RS, ID, g (Hill MA 5/19)
15180 CHINA R. Beijing in SP 2317, nx, mx, ID (Hinnov NJ 6/3)
15190 BRAZIL R. Inconfidencia in PT, futbol game (Daly NY 5/19, D'Angelo PA 5/19)
15210 EGYPT R. Cairo HS in AR 1335-1357, AR mx, ID, DW s/on *1353 blot out (Dillon MD)
15210 WEST GERMANY DW 1505-1515 in GM, nx, wx, ID, cmntry, f-g (Mayer PA 5/22)
15220 TURKEY VOT in TK 1357, TK mx, time pips 1400, ID, soccer (Dillon MD 5/11) also in TK 2000 with similar programming (Green TN 6/10)
15230 NORTH KOREA R. Pyongyang in EG 2300-2330, nx on unification issue (Bowden CA)
15245 USSR R. Moscow FE in EG 1930, nx brief, "Soviet Way of Life" (Park HI 6/3) also in EG 2300-2330, cmntry on USSR aid to India (Bowden CA)
15260 UNITED KINGDOM BBC London in EG 1600, tlk on AIDS virus (Bonnet IN 5/31)
15265 WEST GERMANY AFRTS relay Munich in EG 1115-1130, "Morning Edition" (Jordan PA)
15275 WEST GERMANY DW in GM 1800-1815, ID, nx, tlk, p w/Africa beam (Mayer PA 6/4)
15300 CUBA RHC in EG 2000-2030, philatelic pgm, p (Bowden CA 5/13)
15305 NORWAY RN variously rptd 1255-1335 in EG/NO, IS chimes 1255, nx, "Norway Today" (Daly NY, Feeley GA, D'Angelo PA, Zilmer NM) also in NR/EG 1800 (Hinnov NJ)

- 15310 NORWAY RNI in EG 2000-2045, "Norway This Week" to USA, f (Zilmer NM 5/21)
- 15320 AUSTRALIA RA in EG 0530-0603, nx, "Australia Talk Back" (Harrington CO, Nagel 6/1)
- 15320 AUSTRIA ORF in EG 1235-1255*, nx, tlk re Aus. writers, tourist promo (Bonnet IN)
- 15330 PHILIPPINES UN relay in EG to Afr 1910, "Only One World", QRM AFRITS Bethany (Park)
- 15335 MOROCCO RTM in AR 2006, AR mx (Daly NY 5/11) in FR 2330, AR mx, exc (Hill MA 5/16)
- 15340 NORTH KOREA R. Pyongyang in EG 1330, nx, cmtry, f (Zilmer NM 6/2)
- 15345 SWEDEN RST in EG 1400, "Nordic News", g (Nagel 5/21)
- 15365 CANARY ISLANDS REE relay in SP 2203, SP folk mx, ID, world nx (Van Horn FL 5/9)
- 15390 ASCENSION IS. BBC relay in EG 2128, IS, London calling Falklands (Park HI 5/17)
- 15390 USA VOA Dixon in SP to Lam 0125, features, rock mx (Dickson OH 5/12)
- 15400 WEST GERMANY AFRITS relay Munich in EG 1005, "Morning Edition", p (Jordan PA 5/22)
- 15400 ASCENSION IS. BBC relay in EG 1840, "Top 20", "Outlook", QRM, p (Park HI 5/15)
- 15400 FINLAND RF variously rptd in EG 1119 (Hinnov NJ) *1258 (Feeley GA) 1300-1330 (Bonnet IN) 1425-1430 (Bobb) 1500, nx (Walker IN)
- 15410 RWANDA DW relay in EG 1228, Afr svce, ID in FR, nx (DeWhitt CA 6/7)
- 15415 LIBYA LJB in AR 1230-1245, Home Service, ID (Dillon MD 5/18)
- 15425 PHILIPPINES VOA relay to E Asia & FE in EG 1100-1130, nx re Korea, f (Bowden CA)
- 15425 USSR R. Moscow in EG 1925-2000, sidelights on Soviet life, g (Bowden CA 5/23)
- 15425t USSR R. Moscow? in CH?/RS 0620-0703+, mx, posbl ID, Moscow freq mentd (Jordan PA)
- 15495 KUWAIT R. Kuwait in AR 1910, AR mx, ID 1940, g (Blanchette FL 5/16)
- 15500 USSR R. Moscow FE in EG 1845-1850*, "Moscow Mailbag", Uzbeki mx!, p (Park HI 5/31)
- 15515 USSR R. Moscow in EG 0141, mx, RS songs of WW II, g tho polar flutter (Dickson OH)
- 15570 USSR R. Moscow in CH 2359, IS, ID, band mx, nx (Park) also in CH 0635 (Sharpe CA)
- 15571 BANGLADESH RB in EG 1245-1300*, ID, mailbag pgm, address, mx, p-f (Valko PA 5/10)
- 15575 SOUTH KOREA RK in EG variously rptd 0145-55, nx, skeds (Hill MA) 1400, nx, skeds (Zilmer NM) 1414-1442 w/trlk of reunification, mx (Bonnet IN 5/27)
- 15580t PAKISTAN? 0150-0230 in lang (Bangla?), lively oriental mx non-stop, possible ID at 0200 but unintelligible, 0215 tlk by W (nx?), g sig, slight QRM (Dickson OH 6/6)
- 15600 LIBERIA VOA relay Monrovia in EG 1733, "Now Music USA", top ten (Park HI 5/16)
- 17570 SWITZERLAND SRI in EG 1530-1540, TC, ID, nx, p (Mayer PA 5/22)
- 17575 MADAGASCAR R. Nederlands relay in EG 1217, "Shortwave Feedback", f (Park HI 6/1)
- 17595 MOROCCO RTVM in AR 1406, nx, //15335, p (Daly NY 5/25)
- 17605 NETHERLANDS ANTILLES R. Nederlands relay in DT 2031, nx, "Kontext", f (Park HI)
- 17620 FRANCE RFI in EG 1635-1700, feature on US social life, g some QRM (Bonnet IN 5/30)
- 17630 ISRAEL Kol Israel in HB (Reshet Bet pgm) 1126-1145, speeches (Dillon MD 5/11)
- 17650 CHINA R. Beijing in SP 0134-0152, oriental mx, ID, story, f-p (Dillon MD 5/11)
- 17660 PAKISTAN RP in EG 1605, slo-speed nx, ID 1615*, beamed to ME (Thunberg PA 5/31)
- 17705 NEW ZEALAND RNZ variously rptd 0100-0148, nx, rock mx, interviews, opera mx, ID, (Zilmer NM 6/5, Mayer PA 6/4, O'Brien 6/6, DeWhitt CA 5/17) All pgms in EG.
- 17710 BRAZIL VOA relay in SP 0103-0115, nx, ID, tlk on ME, g w/QSB (Mayer PA 5/30)
- 17715 AUSTRALIA RA in EG 0100-0205, nx, pop mx, ID, sports, skeds (Zilmer NM, Dillon MD)
- 17735 PORTUGAL RFE/RL via Gloria in PL 1145-1206, world nx, ID (Dillon MD 5/11)
- 17745 ALGERIA R. Algiers in EG 2000-2030, rock mx, nx (Bowden CA, Blanchette FL 5/15) also in FR 1707-1739, tlks re Algerian economy, western pop mx, ID, g (Dillon MD)
- 17750 CUBA RHC in EG 2112-2134, "The Cuban Story", address, exc (Brann 5/12)
- 17755 JAPAN RJ in JP 0205-0216, world nx, mx, ID, f (Dillon MD 5/11)
- 17755 BRAZIL R. Surinam Int. in DT/EG 1801-1815*, ID, nx in EG, choral NA (D'Angelo PA)
- 17765 USA AFRITS Delano in EG 0115, Oakland-Detroit baseball game, g (Mayer PA 5/30)
- 17775 UNITED ARAB EMIRATES R. Dubai in AR 1208, drama, ID, AR mx, features, (Dillon MD) also in EG 1340-1445, DX pgm, ID, nx (O'Brien 6/7, Hinnov NJ 5/18)
- 17795 CUBA RHC in SP 0210-0220, feature in SP, g but some QRM from RA (Hill MA 6/6)
- 17795 AUSTRALIA RA variously rptd in EG, 0225 w/trlk re propagation (Mayer PA, Bonnet IN) 2200 w/nx about Sri Lanka, f (Bowden CA) 0415 w/cmtry on VE Day (Hill MA)
- 17800 RWANDA DW relay in EG *1228-1236, IS, ID giving xmtr site, world nx, f (D'Angelo)
- 17815 ISRAEL Kol Israel in EG 1900, nx, freqs and skeds, f (Zilmer NM 5/30)
- 17820 CANADA RCI in EG 1805, nx, "Listener's Corner", f (Brann 5/12) also in EG 2130+ w/nx about Canada and other countries meeting re StarWars project, p (Bowden CA)
- 17825nf SYRIA R. Damascus variously rptd in EG 2005-2105*, ID, tlks, nx, mx, skeds, freqs (Mayer PA, D'Angelo PA, Green TN, DeWhitt CA, Hardester CA) logged from 5/19-6/9
- 17825 JAPAN RJ in EG 0200-0227, nx (Hill MA 5/28, Feeley GA 5/11)
- 17860 USSR R. Moscow in EG 2334, selections from Carmen (Levison PA 5/29)
- 17880 EAST GERMANY RBI in HD *1314-1322, IS, ID, nx, beamed to SE Asia, f (D'Angelo PA)
- 17885 CUBA RHC in EG 2130-2200, philtelic pgm, p (Bowden CA 5/19)
- 21665 NETHERLANDS ANTILLES RN relay Bonaire in EG 1850, interviews, pop mx (Van Horn FL)

 This month's logging reports were up significantly from last month (286 compared to 124) As in the past, reports listed in last month's issue have not been repeated this month. It is good to note some new contributors (Brann, Van Horn, Nagel for example) Keep 'em coming.

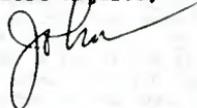
LOG FRENDX REPORTERS

John Benault, 55 Lincoln Street, Abington, MA 02351
FRENDX CONTRIBUTORS LIST -- JULY, 1985 ISSUE

Brian ALEXANDER, Mechanicsburg, PA., Marion BLANCHETTE, Thonotosassa, FL. (R-600); Norman BOBB, Minneapolis, MN. (R-1000); Charles BOLLAND, Lake Worth, FL. (R71A); Arthur BONNET, W.Lafayette, IN., (DX400); Ralph BOWDEN, Mentone, CA. (FRG7700/FRG-8800); Dustin BRANN, Kansas City, MO. (ICF2002); Paul BROUILLETTE, Schamburg, IL. (R71A); Richard D'ANGELO, Wyomissing, PA., (R70); Tom DALY, Pomona, NY. (NRD515/CR2021); Carl DeWHITT, Ponca City, OK. (DX400/ICF6500W); Richard DICKSON, Goshen, OH. (DX-302); Peter DILLON, Columbia, MD. (DX400); Tom GAVARAS, Minnetonka, MN. (R70); Jerry GREEN, Maryville, TN. (FRG7700); Mike HARDESTER, Modesto, CA. (R1000); Rob HARRINGTON, Littleton, CO. (R1000); Michael HAWK, Hampton, VA. (ICF6800W); Ken HILL, Somerville, MA. (DX1000); Erik HINNOV, Bridgewater, NJ. (DX66); Brian JONES, Houston, TX. (R70); Rufus JORDAN, Pittsburgh, PA. (Zenith Transoceanic/DX302); Harold LEVINSON, Philadelphia, PA. (R70); Kenneth LOH, Santa Maria, CA. (RF2200); Travis McLEMORE, Clearwater, FL. (FRG-7); William MAYER, Allentown, PA. (TS430S); Cathy MOORE, Madison, WI. (R71A); Frank NATHANSON, Staten Island, NY. (Collins 51-J); Andrew O'BRIEN, Chantilly, VA. (R2000); Robert PALMER, Spokane, WA. (R71A); Dale PARK, Honolulu, HI., (ICF6700W); Sheryl PASZKIEWICZ, Manitowoc, WI. (NRD515); Christos RIGAS, Chicago, IL. (R2000/ICF2002); Lin ROBERTSON, San Diego, CA. (R70); Bryan SHARPE, Castro Valley, CA. (DX302); Roland SCHULZE, Stuttgart W.Germany, (DRAKE R4C/SPR4/R70); David SWARINGEN, Huntersville, NC. (R70); Bob THUNBERG, DuBois, PA. (R1000/CR2021); George VADINO, Bellevue, WA. (R71A); Dave VALKO, Donlo, PA. (R38B/FRG7); Robert ZILMER, Rio Rancho, NM. (R1000) J. FEELEY, Norcross, GA (R200); Mike WALKER, Indianapolis, IN (DX400).

This months loggings are up somewhat from the previous month (June) and to the new Contributors, WELCOME, we look forward to receiving many good log reports in the future. To the Gentleman that used EXPRESS MAIL to get his loggings in before deadline, I would like to say that you certainly are a very very dedicated Contributor and at no minor expense to yourself either. Those who requested a change or addition to their Receiver Listing, I have made the corrections to my files. To those of you out there who do not have a receiver listed, please let me know if you want one listed. This about wraps it up for another month friends, looking forward to your next month loggings.

Best Regards,



TROPICAL BANDS SURVEY -- 13th edition

GILFER SHORTWAVE is pleased to announce that they will again be representing the Danish Shortwave Clubs International well-known "Tropical Bands Survey". This thirty-two page listing of tropical stations (2000 kHz to 5900 kHz) lists not only the frequency, station, country, power and transmission times in UTC but also the language spoken. This carefully compiled listing is especially valuable during this time of somewhat poor propagation on the lower bands.

The TBS 13 will be available for purchase at the ANARC convention on July 19th or through GILFER SHORTWAVE at 52 Park Avenue, Park Ridge, New Jersey 07656 for \$4.50 plus \$1.00 shipping and handling.

HAP BID ITEMS, ITEM #958: Radio New Zealand "Kiwi" pin, gold. #959: Radio Norway "flag" pennant (2x3.5") red, white, blue. #960: Radio London decal (2x11.5") red, B&W. #961: WIBA large plastic litter bag, white, brown. #962: Radio Milano Underground "Bow-tie" sticker, m/c-nice: #963: Radio Kelly Milano triangular sticker, m/c. #964: ORF sticker in German (3.5x5") red, white. #965: Emisoras Gran Colombia (Ecuador) cloth pennant (8x11.5") m/c-beautiful: #966: Spectrum World Broadcasting (UK) paper pennant (3.5x7.5") black, yellow-rare: #967: CKLG 12" plastic ruler, red, B&W. #968: WRCK T-Shirt (M) blue, yellow. #969: KEKZ match book, tan, brown. #970: Radio Vigo EAJ48 (Spain) match book, red, white, blue. #971: German beer coasters, 3 different in mint condition:!! for those with good taste: #972: WPLJ "Rocks" metal badge (1" cir) B&W. #973: WPLJ T-Shirt (M) B&W. #974: WPLJ T-Shirt (M) gray, white. #975: WPLJ T-Shirt (S) green, white. #976: WBCK sticker (3.5x11.5") m/c. #977: WIMT sticker (3x13.5") m/c-nice: #978: CFOX "Fox" sticker (4" cir) m/c-beauty: #979: Columbia-Shuswap Radio Network coverage map (8.5x11") m/c. #980: Radio Beiling "Flower" metal pin, m/c. #981: Radio Beiling "Waves" metal pin, m/c. #982: Radio Beiling "Antenna" metal pin, m/c. #983: WRTH 1980 mint condition: #984: WRTH 1981 mint condition: #985: WRTH 1982 mint condition: #986: WRTH 1983 mint condition: #987: Sistema de Emisoras Atalaya (Ecuador) sticker (4" cir) m/c-very nice: #988: Radio Veritas Asia sticker (3" cir) red, white, blue. #989: ERF Radio (FRG) sticker (5" cir) m/c. #990: NFW-TV (FRG) sticker (4x5") m/c. #991: Radio 7 (France) sticker (3x6") red. #992: KOME sticker (8.5x8.5") yellow, brown-super: #993: KQDS "Loves My -ss" cloth arm patch (1.5x4") yellow, black. #994: KOME cloth arm patch (2x2") yellow, black. #995: GWF (Australia) cloth arm patch (2x3") m/c. #996: CKEC pen, gold, blue. #997: CFCY (PEI) pen, tan, black, blue. #998: CKGY sticker (4x8") m/c. #999: Caribbean Beacon (Anguilla) QSL card (3.5x7") m/c. #01: Radio Bucharest key chain, m/c. #02: Radio Bucharest metal badge (1" cir) m/c. #03: GGG (Australia) metal badge (2" cir) red, white. #04: BBC metal badge (2" cir) red, white, blue. #05: ANARC metal badge (1.5" cir) B&W-rare: #06: KOME metal badge (1.5x1.5") black, yellow. #07: CKSW pen, white, blue. #08: CFAM pen, white, blue. #09: ANARC pen, B&W. #10: CKBW pen, red, white. #11: CKRD pen, yellow, blue, black. #12: WDR Radio (FRG) pen, blue, B&W. #13: RTE Radio 2 (Eire) pencil, red, black. #14: KLVL pencil, B&W. #15: CHFY pen, white, blue. #16: Radio Jamairiya C60 cassette tape of music-very nice: #17: Radio Vatican Rosary C60 cassette tape of PJP II. #18: WRTH 1985 mint condition. #19: HEB Radio (Switzerland) sticker (6x6") m/c. #20: FRENEX 1981 complete. #21: FRENEX 1982 complete. #22: FRENEX 1983 complete. #23: FRENEX 1984 complete. #24: BBC Local Radio large m/c poster. #25: Radio Beiling large blue, white cloth carrying bag-super:!! #26: CHFM ball point pen, red, white. #27: CHFM flair pen, red, white. #28: CKGY flair pen, brown, black. #29: Radio Italia sticker (3.5" cir) m/c. #30: HD2IOA decal (2.5x4") m/c. #31: CFRW "Sizzlin Sounds" C60 cassette tape-pop music. #32: Voice of Tomorrow QSL card (3.5x5") B&W. #33: Radio Vatican First Day Cover w/ stamp (4x7") m/c. #34: Radio Korea QSL card (4x6") m/c. #35: WLUP "Trivial Pursuit" T-Shirt (M) white, blue. #36: BRT plastic paper holder (2.5x6"). #37: Radio Cultura de Sao Paulo (Brazil) decal (2x3.5") m/c. #38: BBC Radio 1 match book, red, white, blue. #39: BBC metal key chain-super:!! #40: Deutsche Welle metal key chain w/ lock and bottle opener-fine:!! #41: Radio Budapest metal key chain. #42: Radio Budapest pin, gold, blue. #43: KOME T-Shirt (S) blue, white. #44: CFCY-FM pen, black, tan, blue. #45: Deutsche Welle T-Shirt (M) green, white. #46: Deutsche Welle large cloth carrying bag, blue, B&W-super:!! #47: Radio Cultura-TV (Brasil) color studio photo (#.5x7") m/c. #48: 4ZA Radio Southland (New Zealand) key chain, B&W-very nice:!! #49: 7ZR (Australia) sticker (2x10") red, yellow, blue. #50: 4ZA Radio Southland odd shaped sticker, m/c. #51: XEXQ large "Bach" poster, m/c. #52: XEXQ small "Bach" poster, m/c. #53: WAAAX plastic ID card (2x3") m/c.

ADDRESS, Send your bids and orders for direct sale items to: Sam Barto, 47 Prospect Place, Bristol, CT. 06010 USA.

HAP DIRECT SALE ITEMS: The following stickers/decals are available for \$.25 each or any five (5) for \$1.00: Radio Luna (yellow) (green), ORF, WTIC, KROY (small) (large), WPLJ (John) (Prince), Radio Trent, Radio Orwell, Radio Merseyside, RBI (large), Radio Forth (large) (small), SER Radio, CKLG, Radio Portugal (white) (gold), CKIK, PJC Radio, KRBA, TV-3, Devon Radio, RTE Radio 2, KVET, KIPR, KTRH, MTV, DJ Radio, KOA, WHLY, WVFM, CKEG, CHNL, CHNL-FM, WAPP, WQYK, K-94, CJVP, WLKF, KILT, CJVI (cir) (hockey) (marine), CHQM, WPLJ (hit) (Lewis), CKY, CFSL, KBUK, KOGO, Radio Monte Carlo, KNAF, KWRW, KFAN, KNEL, CJAT, KORA, CJWW, KSAN, KXTC, KUHF, Radio Bristol, WCAU, KLOL, KKXX, WNOR, CFCY (cir) (ID) (decal), Radio Evangile, WLUP (cir) (large) (blue), KOME, KSEI, RBI (white) (blue) (DX-blue) (DX-white), ERF Radio, Capital Milano, CFNB, BBC Radio 1, WONE, CKBW, CFCB, KITS, KEY-103, KQUE, CKCK.

ADDITIONAL DIRECT SALE ITEMS: The following items are available at the quoted prices: WTOS plastic ID card \$.25; WLIZ badge \$.25; CKCK poster \$.50; WLS napkin \$.25; RTE Radio litter bag \$.50; RBI large cloth calendar \$.50; Voice of Syncom yellow mini-poster \$.25; WRCK napkin \$.25; ANARCON-84 poster \$1.00; BBC-WS poster-1984 \$.25; BBC-WS poster \$.25; KROI paper hat \$.25; CBQ Ontario plastic litter bag \$.50; KIVI-TV plastic litter bag \$.25; WWWE book cover \$.25; WWWE large plastic litter bag \$.25; and RBI litter bag \$.25.

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AKTUELLE INFORMATION

17.06.1985

I. International DX-Championship

=====

From September 1st until November 30th ADDX - the biggest European shortwave-listeners club-will organize the I. International DX-Championship. This competition will be interesting for the top-DXer with a lot of experience and the newcomer, too. After the end of the contest every participant will get a certificate with his results. Those, who are on the first places will receive valuable prizes, for example shortwave-receivers, little radios, DX-literature, souvenirs, DX-equipment and consolation prizes.

You can participate in this DX-Championship even if you are not member in the ADDX. We'll answer in German or English and, if you prefer, also in Spanish or French. You have to pay DM 5,-- (5 IRC's) if you are a member, DM 10,-- if you are non-member and live in Europe (10 IRC's), DM 15,* if you are a non-member and live in overseas. You can ask for the informations of the competition up to now. You'll also get a provisional participation-card from the ADDX. If you are a member of ADDX you can read all the things you have to know in the KURIER, if you are not member of ADDX we'll regulary send you all the informations to your written address. We'll send you your tasks for 1,-- DM (1 IRC, if you are living in Europe, 2 IRC's if you are living overseas) for return postage. Please, write to: ADDX e.V., I. Int. DX-Championship, P.O. Box 15 01 24, D-4000 Düsseldorf, Fed. Rep. of Germany.

*) (15 IRC's)

Verantwortlich für den Inhalt:

Veröffentlichung kostenlos. Belegexemplar erbeten.

Ref.: 18 b,

Martina Drefahl



World Listening Service

AN ASSOCIATION OF REGISTERED RADIO MONITORING STATIONS

E. D. BAIR, WLS1NJ
ADMINISTRATOR

W. A. MROWCZYNSKI, WLS2NJ
CHIEF MONITOR

J. NEBEL, WLS3NJ
LIAISON

REPLY TO:
Box 207 Audubon, N.J. 08106 USA

5 June 1985

NASWA
P.O. Box 13
Liberty, IN 47353 USA

Gentlemen/

WLS is celebrating its 25th Anniversary in 1985. While we are supportive of ANARC and the member clubs, we do not qualify as a club, but are a station registry, similar to MONITOR DX HQ.

Frequently, some of your club members write to see if we are still in business. Since we are not listed in ANARC publications, it is difficult at times to get the mailing address out to the SWL population. Some time ago, you were kind enough to mention us in FRENEX and we would greatly appreciate it if you could do so this year.

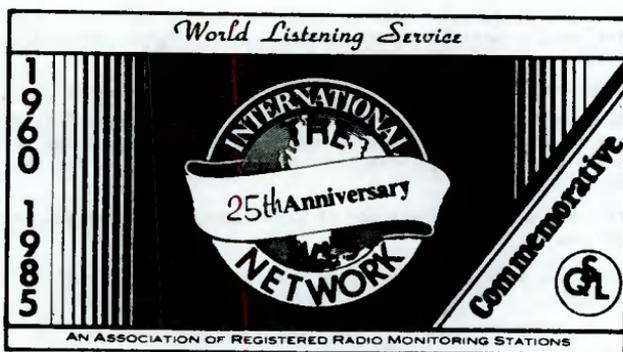
For the balance of the year, until supply is exhausted, any SWL can receive a commemorative QSL for a #10 SASE. They should address inquiries to the above organizational mailing address.

Many thanks and 73,

FOR THE WLS NETWORK:



E. D. BAIR



RADIO EARTH INTERNATIONAL, INC.

1724 SHERMAN AVENUE
EVANSTON, ILLINOIS 60201 USA
TELEX 703572 RADIOEARTH UD
TELEPHONE (312) 482-8300

NOTICE

TO: Chicago-Area Shortwave Listeners
FR: Jeff White, General Manager
RE: Position Availability
DT: June 29, 1989

Radio Earth is looking for a Director of Marketing. We're searching for someone in the Chicago area who wants a challenging career in a pioneering field. Radio Earth is still a very small company, but we're anticipating rapid growth. On July 7th, we are beginning a new European Service. We expect to resume our North American Service very soon, and we are planning to establish our own shortwave transmission facility in the Caribbean next year. Radio Earth is recognized as the leader in commercial shortwave broadcasting, after only two years of operation.

Radio Earth's Director of Marketing must have a good general knowledge of shortwave listening and broadcasting. Helpful attributes (not requirements) would include: sales experience, broadcasting experience, basic technical knowledge, fluency in Spanish or other foreign languages. He or she should reside in the Chicago area in order to coordinate activities and meet regularly with our general manager and other Radio Earth personnel. The opportunity exists to become involved to a certain extent in other Radio Earth operations, such as programming, public relations and administration.

The Director of Marketing position will start out as a part-time occupation, and will likely expand to full-time within a few to several months, depending on success of marketing efforts. Initially, the Marketing Director could work out of his or her home and/or the Radio Earth office in Evanston. Position is not salaried. Pay consists of 15% commission on all direct sales, and 5% commission on sales made by other salespersons. However, the person hired for this position will be given and guaranteed all present Radio Earth advertising accounts and respective commissions.

Responsibilities of Radio Earth's Director of Marketing include:

- * Development and implementation of overall advertising and marketing goals, concepts and policies for Radio Earth.
- * Sales of commercial spot time -- preparation of potential client lists; direct mail and telephone sales efforts to potential clients nationwide and worldwide; personal meetings with potential Chicago-area clients.
- * Supervision of other Radio Earth sales representatives.
- * Maintaining accounts -- regular calls on advertisers; assisting advertisers in achieving their marketing objectives; writing and/or recording commercials; updating ad copy.
- * Preparation of sales materials (brochures, etc.)
- * Conducting audience research activities (such as surveys) to determine information about the shortwave audience in general and the Radio Earth audience in particular (both size and demographics), which will aid in sales efforts.
- * Development and implementation of promotional campaigns and promo materials.
- * Coordinating marketing activities with other operations of Radio Earth.

Anyone interested in applying for this position should contact Radio Earth General Manager Jeff White as soon as possible by mail or telephone to arrange an interview.

Purpose: To gather current data on the worldwide interference caused to short wave broadcast stations and their audiences by the high-power pulse emission sources known colloquially as the "Woodpecker". This data will be analyzed and presented to telecommunications ministers participating in the 1987 World Administrative Radio Conference for High-Frequency Broadcasting, in an effort to convince them to support a protocol statement condemning this interference.

Data needed: 1) In order to map the "Woodpecker's" general band use, we need larger numbers of volunteers to monitor parts of the spectrum between 5 and 25 MHz for 3-hour periods during October 1985. If each monitor covers 3 MHz, and at least 3 geographically-separated monitors are scheduled for each time- and band-segment, then at least 144 monitors are needed for 24-hour coverage. We would like to gather 5 days worth of data. That requires at least 720 volunteers. Attached to this sheet is a sign-up form. Please fill it out, indicating what times you can commit to monitoring. Return it without delay - in any event, before 15 August 1985. We especially need people able to monitor at unusual times (just before local dawn, for example). A sample of our monitoring report form is attached to this sheet. It is a simple graphic system requiring minimal effort to complete.

2) We also seek reports of specific instances of "Woodpecker" interference to stations operating in the shortwave broadcast bands. Reports should include the name of the affected station, its frequency, the date and time, duration and relative strength of the interference, the type of receiver, and your location. A sample report form is attached to this sheet. Reports not using this form are acceptable, too, so long as they contain the same information. Mail us your reports before 1 November 1985.

Regarding "Woodpecker" signals: They're called "Woodpecker" because that's what they sound like on a shortwave radio. Technically, the signal is a 3 millisecond square-wave pulse with a stable pulse-rate of 10/second. (Rates of 17 and 14/sec have also been heard, but rarely.) The signal is wide-band, with most of the energy concentrated in about 15 kHz, and a weaker "pulse-scope" filling the adjacent spectrum. The energy concentrations can be clustered together to cover 100 kHz or more. The "Woodpecker's" change frequency abruptly and often. Their "dwell time" varies from a few seconds to a few minutes.

This project is organized and staffed entirely by unpaid volunteers. We need your help to pay for printing, postage, etc. To raise money we are selling T-shirts with our symbol (at top, right) printed in red and black, for \$10 each. Arrangements for foreign distribution are still being explored in North America. When ordering, please specify size (S/M/L), and make checks payable to "The Woodpecker Project" in US currency.

Additional copies of this announcement are available for 1 unaddressed first-class US postage stamp + a US-stamped self-addressed envelope; or 3 IRCs. We also encourage you to photocopy and distribute these sheets yourself.

The Woodpecker Project

Coordinated by the
 Association of North American Radio Clubs,
 Over-the-Horizon Radar Committee
 1634 - 15th St. NW
 Washington, DC 20009
 U S A



Report on "Woodpecker" Interference in a Shortwave Broadcasting Band

Affected station: _____ Affected frequency: _____

Strength of interference (1 = mild, 5 = overwhelming): 1 2 3 4 5

Date (UTC): _____ Time (UTC): _____ circle one

Approximate duration of interference: _____

Reporter's name: _____ Receiver model: _____

Reporter's location (city, country): _____

Complete and return by 1 November 1985 to: The Woodpecker Project
1634 - 15th St. NW

To file additional reports, photocopy this form. Washington, DC 20009 USA

- c - u - t - - - - - o - u - t - - - - -

Sign-Up for the Woodpecker Monitoring Team

Name: _____ Years of SW listening experience: _____

Address: _____ Receiver model: _____

_____ Receiver's band coverage: _____

At right, put a "1" on the line that corresponds to the date/time which is your first choice for duty, "2" for your second choice, etc.

October: 1 4 7 10 13

If you are willing to monitor for more than 3 hours, how many time-periods can you handle?: _____

0000-0300: _____

0300-0600: _____

0600-0900: _____

0900-1200: _____

We will try to schedule you according to your preferences, but we can accommodate only 48 monitors per time-slot, and other factors - like geographical distribution - must be considered, too. In general, our policy is "first come, first served", so don't delay! Send this completed form - along with a self-addressed US-stamped envelope, or 3 IRCs - to:

1200-1500: _____

1500-1800: _____

1800-2100: _____

2100-2400: _____

(UTC)

We must hear from you by 15 August 1985. Time- and band-assignments will be mailed out 1 September 1985.

The Woodpecker Project
1634 - 15th St. NW
Washington, DC 20009 USA

Feel free to photocopy and distribute these forms to other SW listeners.

ANARC '85 HOTEL INFORMATION

- Luxurious Sleeping Rooms - US\$53/single - US\$63/double
- Grand Ballroom, 10,500 square feet
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- Harold's - Award Winning Gourmet Restaurant
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- B.J.'s Saloon - serving cocktails and over 40 different beers
- El Robbo's - For an action packed evening of Drink and Dance
- Triplex Movie Theatre always showing First Run Features
- 40 Lane Bowling Center plus the Red Roster Lounge
- Complete Health Club featuring Tennis Courts, Racquetball Courts, Jogging Track, Spa Facilities, Pro Shop and Rental Service
- FREE Parking for over 1,500 automobiles
- Easy Accessiblity to Interstate System
- Handicap Accessible, certified by Wisconsin Rehabilitation Association
- FREE HBO

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For more information write to: **Anarcon '85**

P.O. Box 24

Cambridge, WI

53523-0024

(please enclose 2 U.S.
stamps or 3 IRC's)



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All remittances must be in U.S. funds and mailed to NASWA,

45 Wildflower Road, Levittown, PA 19057

Update. Besides FRENDX, NASWA also publishes UPDATE... a mid month newsletter with the very latest DX news while it's still news. (UPDATE also appears in each issue of FRENDX) It is only available to NASWA members.

"UPDATE" SUBSCRIPTION RATES PER YEAR:

North America (First Class).....	\$4.00
Overseas (Airmail).....	\$6.00

Sample copies of FRENDEX and UPDATE are available for \$1.00 in N A

Overseas.....	\$2.00
---------------	--------

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LOG REPORT (D) - Wallace C. Treibel, 357 N.E. 149 St., Seattle, WA 98155

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