

Sony 2010 Rvw / current programs

FRENDX

Primary target areas, times, and frequencies

GMT (UTC)	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	01	02	03	04	05	
Europe	9690	8690			15225 11860	9690 11860		6040 9690				11925 15265	15265 11800	11800 6000											
Middle East		17740						17770	15185 16230	17840		16265 16225										9690	11870 15165	15160 15180	
South Asia		15185							15225		11925 16305											9690	11870		
Far East							15180 15180						15205												
New Zealand														16205											
Australia		15165			17740		15165 15225		15300																
East Africa								17770		16230			16225											15180 15180	
West Africa		9690			15225 11860						17860	16265													
All Africa								21730		17840		11925													
South America											16305			17630 15265	15180 11925	9606 9606	15180 11925	9606 9606				9640 9646	9646 9646		
Eastern North & Central America							16210	15305 15305	15305	15305			16305 15305		15305 15305										
Western North America																								9640 9645	

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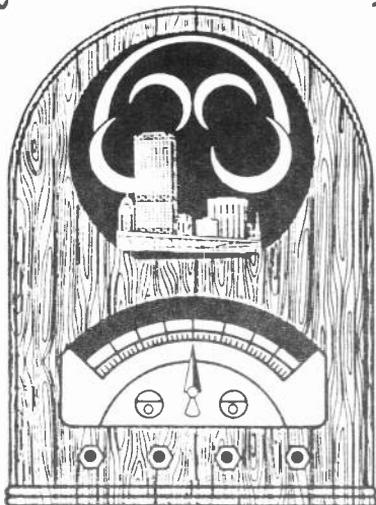


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CONTACT

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

I have received some very interesting and thoughtful letters this month and I'm delighted to be able to share them with you. Permit me to say, lest I should forget, that I am very mindful of the time taken from often very busy schedules to write. I appreciate, too, the unfailing courtesy and good humor of your letters.

Andy Robins passed on to me a letter from Neil Gillis of Reading, Massachusetts which gives air to a familiar problem:

...I tend to feel somewhat isolated here in suburban Boston. I really don't know anyone on a personal basis who is in the hobby. I know there are many experts in the hobby such as Jerry Berg, Sam Barto, and John Kapinos who live in the New England area. I'm sure that there are many others in the area unknown to me. What I'm driving at is I wish that somehow those who would be interested could get together to exchange ideas, maybe to assist us novices a little bit, and most of all just meet in person some of the people who contribute to this fine organization. Don't get me wrong, I don't want to place a burden on anyone. We all wish at times that there were 25 or 26 hours in the day in order to get things done. (Well said; thank heavens for coffee.--sgm) Sometimes it's just impossible to do everything.

Two things occurred to me while I read this. First, I think that you might profitably make reference to the DXer's Directory published by Universal Shortwave Radio (1280 Aida Drive, Reynoldsburg, Ohio 43068; \$4.98 + \$1.05 s/h). Second, you might then take your courage in your hands and telephone or write to the people in your area who share your interests in SWL. I may be wrong, but I think that everyone has felt somewhat isolated at one time or another, particularly when starting out in SWL, and no one will begrudge your efforts to widen your knowledge and circle of like-minded friends. Neil concludes his letter with the following proposal which I am glad to relay:

...I've traveled to some pretty wild areas in Maine, but I wouldn't know if they were suitable for, let's say, a DXpedition. I would sure like to find out. In fact, if anyone out there feels like I do, I would be willing to help to set up some sort of meeting or activity.

There: that's just the sort of willingness to be helpful that is one of the chief characteristics of those involved in SWL. If anyone is interested in Neil's idea, just write to me and I'll send your letter on to him.

So much for the old saw about lightning not striking twice in the same place. A letter I received from Thomas Ross of Lyons, Illinois is the story of my own introduction to SWL down to virtually the last detail

...My first contact with SWL began like yours: by listening to my father's Zenith Trans-Oceanic radio when I was younger. I, too, got out of listening for approximately 20 years, and at the beginning of 1984, I visited my local camera shop and guess what I discovered? A Sony ICF-2002. After purchasing it and bringing it home I had the same feeling you had. "Would this tiny little radio be able to compete with that great big Zenith?" Well, it sure did. HCJB in Quito, Ecuador is to me what the BBC was to you, and I immediately found it on the dial. That was all I needed. The SWL bug really BIT me good. I then discovered QSL cards [Tom included a copy of his well thought-out reception report form.--sgm] and the WRTH, and I was had, hook, line and sinker. You probably

guessed it. I now have an ICOM IC-R71A. Boy, what a radio. So you see, it appears that we have quite a bit in common. I belong to NASWA too. And I have a neat SWL store in my neighborhood [lucky you--sgm] where I purchased my ICOM -- Spectronics in Oak Park, IL. They were a great help to me also. It sure is great to know that there are other new-comers in this great hobby.

Neil, I don't suppose that I could have even invented a better object lesson -- however isolated we may feel at times, there exists a common bond of experience shared by all SWLers, and this usually serves to make communication among us both friendly and easy. Tom also adds his support for a beginners column. I would be interested to hear from anyone about such a column: what would you like to see discussed and in what format?

Tim Davisson writes from Cuyahoga Falls, Ohio (not unfamiliar to me as I went to school in Tiffin, Ohio) and addresses himself to the issue that I raised concerning the better marketing of SWL products by their manufacturers:

...Potential income from the sales of shortwave equipment probably isn't anywhere near as great as, say, computers. SWBC isn't mass appeal enough... There is no 'hype' that can be attached to SWL. Computer firms have told us that we must own a computer because computer literacy will be the only way to hold a job soon; a computer can save us thousands by correctly balancing our checkbook; that owning a computer is fun (think of video games!); the computer will make a genius of any 10-year-old around; and that owning a computer is the cool/hip thing to do... I feel that money, or lack of potential to earn it, is what keeps SWL from growing via commercial promotion. ...It must be promoted some way from a non-profit (or limited profit) point of view. If we can convince Sony, Panasonic, etc. to do so, great. But, don't count on it!

I agree with you absolutely insofar as what you describe is a perfectly accurate description of the current state of affairs. Maybe I missed something, but I think that the American advertising establishment which has brought considerable media hype to bras and underwear, toilet tissue and trash bags, could do a real number with something of genuine technological interest like SWL and its tools. Indeed, many of the selling points which you have clearly and succinctly summarized, might, by analogy, be applied to SW radios (with, of course, the exception of balancing the checkbook). Finally, this kind of merchandizing of SW radios just hasn't been done in recent memory, so we don't really know for sure if it will work or not, but I'd like to think that it might. Naive? Perhaps. Please forgive me if I sound argumentative: like you, my only interest is in furthering the hobby. Tim has been a part of SWL since 1959 when he got an old Hallicrafters receiver from his grandfather, and was one of NASWA's first members. He continues in his letter:

...Several things about current shortwave programming bother me a lot: there seems to be a trend towards no-personality, boring, facts-only type of programs on shortwave. Radio Netherlands, with bright, warm program hosts is becoming a rarity! And, QSL cards on shortwave stations seem to be getting harder to get, and the abundance of no-data "audience-cards" is a sad trend. International image SHOULD be important to every country! If you can get people to write your station several times a year, that means they're at least listening!

Tim has taken the trouble to make several points that, I think, deserve our consideration and comment. Now it's your turn: What do you think?

Finally, I had the pleasure of a telephone call from Steve Ropelewski of Martinsburg, West Virginia. We talked of receivers in general, and the ICOM IC-71A in particular; Steve is looking around for a new receiver and he wanted to know what I thought about my ICOM. That accomplished he asked a very astute question about which, coincidentally, I had been thinking for several days: How would I characterize my listening? Was I purely a DXer or did I listen solely for content? Did I listen to the smaller, harder-to-get stations or the 'giants'? Personally, I tend to listen for extended periods of time to a given station and so would probably qualify as a monitor. Occasionally, however, the station that I'm 'monitoring' is an obscure Peruvian -- am I a DXer or a monitor, or an as-yet-unnamed

variety of listener? The terminology of listening seems to me to be very limiting -- you can be characterized as either one thing or the other but not both. Another interesting question occurred to me: how is your listening reflected in your log-book? What information do you consider essential to have at your disposal and what format do you use? For my own use I have found a three-column analysis sheet (the sort of thing accountants use for their work) works almost perfectly. I use the three columns for 1) frequency, 2) SINPO, and 3) time of intercept. The description column is usually enough to contain information about station identity, language, and program content. What format do you use? Why?

§§CONTACT NOTES§§

From Grove Enterprises, Inc., PO Box 98, Brasstown, NC 28902 comes a new book on antennas: Antennas for Receiving by Wilfred N. Caron. This is a fairly basic and largely non-mathematical introduction to the subject. There is a lot of information covered in the book so the pace is fairly swift, and this might be a substantial drawback were it not for the many illustrations that serve to clarify the text. (\$14.95; USPS book-rate is free s/h, UPS add \$1.50.) I found it a reasonably useful addition to my library.

I spoke the other day by telephone with Larry Magne of International Broadcasting Services, Ltd. (C.P.O 300, Penn's Park, PA 18943) about the impending appearance of Radio Database International. Publication is hoped for in the near future. It was decided to hold off for just a little while longer in order to incorporate programming/time/schedule changes that occur at this time of year. In so doing it is hoped to create a work of reference that will be substantially accurate through the end of the year. During the course of our pleasant and informative conversation, I sensed a real enthusiasm for a work that I'm sure will become a standard. (International Broadcasting Edition is \$9.95 + \$1.85 s/h; Tropical Bands Edition is \$3.95 + \$0.85 s/h)

Thanks to the friendly folks at Spectronics, Inc. (1009 Garfield St., Oak Park, IL 60304; [312]-848-6777) I am now the proud owner of a Sony ICF-2010 (\$279.95 + s/h). It is a very fine piece of work and well worth considering, but be sure to read the excellent review of it in FRENDX, April 1985 by Don Moman. I use it for a lot of my non-critical listening and even some of my critical listening. Has anyone else tried it? What do you think? Let me know.

73


NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: Panasonic RF-2900 portable in excellent condition. \$150.00 or best offer. Barry Peters, 249 Florence, Harleysville, PA 19438. Phone (215) 256-6913.

WANTED: The 1963 and 1965 issues of the WRTH. Will pay \$20.00 for each of these issues. Ed Pyatt, 39 West County Street, Hampton, VA 23663. Phone (804) 723-0148.

FOR SALE: ICOM R-70 in excellent condition. Original Carton and manual. Modified per Don Momen's specs. \$450.00 includes postage, handling and insurance or best offer. Mark Konen, 12395 Dorsey Lane, Apt. 101, Tempe, AZ. Phone (602) 968-8973.

WANTED: Drake RV75 VFO in mint or excellent condition only, please.

FOR SALE: Howard Miller World Time Clock. Has world map and shows time in selected countries. \$100.00 includes shipping. Steven R. Lare, 824 West 25th Street, Holland, MI 49423. Phone (616) 335-2270.

FOR SALE: FRG-7700. Set in good condition. No problems with the set. As noted in the April FRENDX, the power switch was defective, but this has been repaired. However, there is no manual. Must sell for \$200.00 or will negotiate best cash offer. Steve Kennedy, P.O. Box 402, Waverly, TN 37185. Phone (615) 296-1897 11:00 to 17:00 Central time.

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. Price \$6.00. FRENDX complete 1984, \$5.00. How to Improve SW Reception #3, \$2.50. Cashiers check or money order only. Al Drehmann, Route 2, Box 3B, Tryon, NC 28782. Phone (704) 894-3398.

Roger Legge, Box 232, McLean, VA

The summer schedules of the world's International Broadcasters will go into effect on May 5, and be in use until August 31. Many frequency and time changes will be made, including the following:

Program and Time Changes:

SWITZERLAND: A major program schedule change is being made by Swiss Radio International. All transmissions will open with 15 minutes of music. The 1315 UTC program will no longer be beamed to North America.

The new times of the evening English broadcasts for NA are 0200-0230 to E.NA on 6135/9725/9885/11925 (new)/12035, and at 0400-0430 to E.NA on 6135/9725 and to W.NA on 12035/15305.

CANADA: All broadcasts to NA moved 1 hour earlier UTC on April 28, in order to remain at the same clock time in the USA. This adds a broadcast at 2200-2230 (on 5960/9755) and cancels the 0400-0430 program. The morning broadcast is at 1200-1225, replacing 1300-1325.

BULGARIA: All broadcasts moved one hour earlier UTC on April 1, when Bulgaria changed to Summer Time. Broadcasts to NA moved to 2030, 2130, 2300, 0300.

JAPAN: Radio Japan schedules a move of its NA programs 15 minutes later, making the new times 0015-0115 on 11710 to E.NA and 0200-0300 on 15195/17825/21640 (21610 off) to W.NA. The 11710 frequency has not been receivable in E.NA during the winter & spring, so it is hoped they will soon move to a 15 mhz frequency, to provide a better opportunity of useful reception. What Radio Japan really needs is a relay via HCJB, pending the building of their projected Panama relay station!

NORWAY: Revised schedule of the transmission to NA of the Sunday "Norway Calling" program is 1300/1400/1900/2000, all on 15305 khz, and 0000 on 9580 to E.NA, and 0400 on 9645 to W.NA.

TURKEY: All broadcasts moved 1 hour earlier on April 20 when the Summer Time change was made, moving English to NA to 2200-2300 & 0300-0400 on 9560 khz.

BELGIUM: BRT lists an English transmission to NA at 0800-0900 UTC. Since this is 4-5am EDT and 1-2am PDT, and since this also listed as for the Far East, this is apparently a long path transmission to the Far East via North America.

Frequency Changes

USSR: Major changes to higher frequencies will be made, but information on the final schedule is not yet available. Listings in the IFRB Tentative schedule for the NA Service are 7150, 9530, 9610, 9665, 9685, 9700, 9720, 9765, 11720, 11735, 11750, 11770, 11780, 11790, 11850. For W.NA, 15140, 15245, 15425, 17760.

The new 13635 frequency, added in April, is expected to continue. The new 9780 khz Central Asia frequency (Novosibirsk ?), added in April, may continue, or be changed to last summer's 12060.

A new out-of-band frequency of 9880 was added in April for the 2100-0300 R. Kiev/Vilnius/Rodina programs, replacing the interference prone 9750. It is hoped that this will be continued in May, rather than revert to last summer's 11720/11960.

The W.NA frequencies for these programs are expected to be 15180, 15405 and 17860 or 17870. The new 13605, added in April, is expected to continue in operation.

CHINA: 15520 is expected to replace 9820 at 1100-1300 & replace 11860 at 0000-0200.

DDR: 11975 is expected to replace 6080 on the NA broadcasts.

SPAIN: 11880 is expected to be restored at 0000-0200, replacing 6125.

JAPAN: 11950 replaces 9645 on the 0500-0600 & 0700-0800 General Service English.

The revised summer schedule of English broadcasts for North America will be prepared for the June French.



Editor: James G. Herkimer, 3255 South Drive, Caledonia, NY 14423

THE SONY ICF-2010 RECEIVER

by Kurt Enkenbus

The new Sony ICF-2010 portable, like the \$2000-plus Eska RK99FL, incorporates a technical breakthrough: a phase-locked loop for automatically tuning AM stations in the ECSS mode. The Sony is, however, a lot easier on the pocketbook. I bought mine from Spectronics for \$279.95.

Since neither the operating instructions nor the service manual (which I subsequently ordered) quote specifications for sensitivity, selectivity, stability, dynamic range or image rejection, this evaluation is based on a listening comparison with two other receivers. One was the ICF-6500N, Sony's earlier generation portable, which has analog tuning but digital frequency readout. The other was my NRD-515, connected to a 90-foot Barter Williamson 3-30 MHz broad-band folded dipole.

Performance of the ICF-2010 was evaluated with the built-in loop and whip antennas, with the long wire supplied by Sony, and with the 90 foot dipole. I found that all of the features of the ICF-2010 which depended on the application of computer technology worked admirably. Some significant reception problems with an external antenna were eliminated by using a tuned preselector.

General Features

As I unpacked the set, I noted at the top of the front panel the digital clock and frequency displays, and the diagonal row of pin-head LEDs serving as an S-meter. Two additional LEDs, marked SYNC [upper/lower] indicate ECSS lock-in on the upper or lower sideband. On the right side is the manual tuning knob, tuning the synthesizer in 0.1 or 1 kHz increments (5 or 50 kHz per revolution).

Under the displays are rows of keys— 68 in all, of which 24 are dual purpose. The first row actuates the programmable timer, which allows up to four different stations to be turned on at different times for selected periods of 15, 30 or 60 minutes. The second row has three keys for selecting the AIR (116-136 MHz), FM (76-108 MHz), and AM (.15-30 MHz) bands. To the right of these are the WIDE (10 kHz) and NARROW (4 kHz) bandwidth keys; a SYNC key to select automatic ECSS lock-in; and USB and LSB/OW keys for single sideband operation. Below that are 32 memory preset keys, and a keypad for entering frequency. When a station is recalled from memory, the receiver responds not only with the exact frequency, but also the mode (AM, SYNC, USB, or LSB) and bandwidth (WIDE, NARROW) used when the station was stored. Pressing a SHIFT key allows memory keys to be used to scan the LW, MW, FM, AIR, and 13 SW bands from 120m to 11a, as well as the stations stored in memory.

The right side of the case has a slide RF gain control and a three-position tone switch. The volume control is on the front panel. On the left side of the case is the main power on-off switch, a DX/LOCAL switch (attenuator), and five plugs for connecting an external AM antenna, an external AIR/FM antenna, a tape recorder, earphones, and a 4.5V AC adapter (supplied). The back of the set has the battery compartment for installing two AA batteries for the computer and three D batteries to power the radio.

Performance Evaluation

The frequency synthesizer is stable and highly accurate (within 100 cycles vs WWV). Bands can be tuned easily, in contrast to the ICF-6500M, which drifted so much that SSB reception was virtually impossible. For those who like to do a lot of manual tuning, the fff! fff! sound of the synthesizer as it increments frequency is annoying.

The PLL-BCSS system is a technical marvel. Lock-in occurs reliably when scanning with SYNC activated. If a weak station fades out, the SYNC light may extinguish for a moment, but the system relocks as soon as signal strength returns. Lock may occasionally be lost if there is a garble of signals on frequency (or if the "D" cells run low). The receiver then emits a growl. Pressing the SYNC key will usually re-establish lock. If there is interference on USB, manual fine tuning down 200 cycles will lock on the LSB and eliminate it. The lock-in range is broad, several hundred cycles above and below the nominal frequency.

In all cases there is a modest but distinct improvement in audio quality when SYNC is used. Only the NARROW (4 kHz) bandwidth is generally suitable for SW listening. The lack of other appropriate IF bandwidths, and especially the absence of passband tuning, prevents taking full advantage of the benefits of BCSS. The 4" built-in speaker is only fair, and the tone control of minor usefulness. For these reasons, the ICF-2010 cannot match the crisp, clear readability attainable with the NRD-515. However, an astounding improvement is easily obtained by plugging a pair of battery powered amplified speakers (Radio Shack No. 40-1259, \$49.95) into the earphone socket. Furthermore, it should be possible to simulate passband tuning using a properly designed active audio filter.

The ICF-2010's automatic gain control smooths out flutter and fading very well, especially in the SYNC mode. AGC of the older 6500M model was poor with the 10 kHz filter, but both readability and signal steadiness were greatly improved after I installed a 4 kHz filter.

As with most portables, the sensitivity of the ICF-2010's whip antenna on SW is modest but satisfactory when the bands are open. The full potential of the receiver is only obtainable by connecting an external antenna.

If complexity equated to performance, then one might expect perfection from the ICF-2010. It has no less than 63 transistors, 26 integrated circuits, 76 diodes, 5 ceramic and 2 crystal filters. Unfortunately, even with a 20 foot antenna wire, the lack of front end selectivity and modest dynamic range can play havoc with reception at frequencies below 6 MHz. At night on the MW band I heard all sorts of spurious background signals. The 120m band was seemingly alive with signals under conditions where only WWV was received on the NRD-515. Similar but progressively less serious problems can occur on the 90, 75, and 60 meter bands.

The NRD-515 is free from such problems because it has six automatically switched passband filters covering the short wave spectrum, as well as a tuned preselector for the BC band. I was therefore delighted, but not altogether surprised, to discover that spurious signals in the ICF-2010 were eliminated and high sensitivity realizable by connecting a home-built tuned preselector between the antenna and the receiver. The (clear channel) weak signal capability of the ICF-2010 with the preselector and 90 foot dipole was only slightly less than that of the NRD-515. However, the receiver may overload on strong stations unless the antenna attenuator is set from DX to LOCAL.

Overall, the ICF 2010 portable, when used with a preselector and amplified speakers, is likely to appeal to a large number of listeners. Tune it to 5020 kHz some morning, as I recently did, and you too can feel the thrill as the S meter boldly runs up the scale and SYNC locks on Pidgin English from Honiara.

- - -, Many thanks, Kurt! Still to come- ICOM R70/R71A AM PBT (VBT) filter modification by Gerry Thomas, an ICOM R71A modification compendium by Don Moman, and TWO preselector construction articles. Stay tuned!

-23 Jim



Computer Corner

Editor: Bill Cole / 107 Charles Street / N. Cape May, NJ 08204

THE HOME COMPUTER, A LINK TO RAPID DX COMMUNICATION

ACE, the clandestine people, recently announced the coming on-line of their club BBS (Bulletin Board System). They aren't the first club to offer this communication mode, and they won't be the last. Communication is the prime reason for the existence of clubs. Most of us joined a club for its bulletin or magazine, its organ of communication. How does a club entice new members? It offers a sample of its bulletin. This gesture says, "Look at the information available to you by joining our club." However, just the communication of information by a club is not enough. The information must be communicated on a timely basis so as to be of value. That window to rare DX doesn't stay open for months on end. It opens and closes all too soon for most of us. In an effort to keep information current, clubs publish more frequently than once a month. NASWA does a fantastic job in getting out a midmonth UPDATE so that members can have their DX information every 2 weeks.

Your home computer with that magic little box called a Modem coupling it to the phone now makes it possible to get DX information as it happens. The advent of the radio specialty BBS enables you to share that rare DX within moments of its logging. Imagine the following:

Tristan Tom is doing his usual scan of the band. What is booming in at 30db over S9? You guessed it. He fires up the tape recorder and sits down at the computer console. Within seconds he has booted up the terminal program and dialed into the local shortwave BBS. Tom taps furiously at the keys, placing his valuable information into the public message section of the BBS. Tom completes his message and signs off; elapsed time, under 5 minutes. Now the information can be read by other users of the BBS. Within days the station is snowed under with QSL reports. Thousands of ecstatic DXers receive the ultimate QSL. To show their appreciation they elect Tom President, and from that office he ends the arms race, stamps out famine & world hunger and eliminates poverty.

Does this all sound like a bunch of Nibi-Nibi? Well, perhaps the tale was embellished a bit to make it interesting. However, had Tom made that reception, he could have placed the information on a BBS in under 5 minutes, and that certainly would increase the chances of others catching the same piece of DX.

What is a Bulletin Board System? Actually, a computer BBS is much the same as the cork bulletin board found at the office, the supermarket, classroom etc. It is a place where you put information for others to read. Although this definition is simplistic it generally holds true for large telecommunication systems such as Compuserve and The Source right on down to the BBS run by the computer hobbyist at home. Bulletin Board Systems may fall into one of two categories or most commonly a combination of both, the communication formatted BBS and the magazine formatted BBS. The communication formatted usually limits itself to sending & receiving public messages, sending & receiving private messages (E-Mail) and sending and receiving computer programs (uploading & downloading). The magazine formatted places emphasis on messages, articles, commercials, etc. prepared by the operators of the BBS. Most magazine oriented systems have some or all of the features found in the communications formatted system.

No matter which type of BBS you call, the procedure is similar. Depending upon the sophistication of your equipment, either you dial the BBS and connect the computer, or the computer does it automatically. When the BBS answers, the two computers can begin communication. Most Bulletin Board Systems have some form of security whereby you must give a password, user ID # or some more elaborate identification system. This protects the BBS and users from unauthorized individuals abusing the system. Once on line, you are usually greeted with the main menu. In the large commercial systems, you can spend a great deal of time just browsing through menus to find the section you

EASY LISTENING

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

If you sometimes get tired of the crackle and roar of noise, the grinding, the growling, and the whistle of QRM, if you ever get tired of straining to hear a barely audible signal for that precious ID, RELAX! DX tomorrow night when the atmospheric conditions are better. Tonight sit back and relax and listen to some of the truly entertaining and informative programs on shortwave. After all, that's what shortwave radio is really all about--the exchange of cultural ideas from one nation to another in the pursuit of international friendship. And the major broadcasters just might be pleased that there is actually somebody listening for more than just sufficient program details and an ID.

In the months to come we hope to bring you some of the best in shortwave listening: cultural programs, news features, DX radio clubs, listeners' mailbags, and music. Your contributions are always welcome, in fact essential, and we hope you share with us the programs you like the most--or despise the most. Since most of us speak only one language, we will largely feature the major international broadcasts in English. But there are a number of bi-linguals and tri-linguals among us, and programs in other languages are welcome as well (but please report them in English).

When you report, please include: 1) the day of the week (U.S. time--changing days at 0500 GMT); 2) the time (GMT); 3) the name of the program (not absolutely necessary if you just can't catch the title, but preferred); 4) the station and country; 5) a brief description of the program details; and 6) the frequencies on which it may be heard. Opinions about the quality of the program are often matters of taste and not shared by everyone, but if you feel strongly that a program deserves five stars or ought to be trashed, by all means, let us know. For news programs it may be especially important to let us know whether the news seems objective or slanted (pro-East, pro-West, or pro-Football, for that matter), and the general area of news focus--Africa, Europe, Worldwide, etc.

In any event, prepare to sit back and be entertained by some of the most fascinating programs on the airwaves. They keep you up with current events, expand your horizons, entertain you, and best of all, they're easy to hear.

WEDNESDAY

- 0030-0050: "Panorama" (Spanish Foreign Radio, Spain). This is a potpourri of various programs including news features, review of the Spanish press, the weather in Spain, and a revolving feature of Art & Music, Art & Science, or Art & Literature in Spain. Also includes selections of popular and traditional Spanish music. (9630/6125. Rerun at 0130 and 0530. At 0530 add 5970).
- 0215-0230: "World of Science" (Voice of Free China, Taiwan). A feature that focuses on all aspects of the latest scientific issues and news including astronomy and space exploration, medicine, and genetics. Good for the non-professional who is interested in science, much like Discovery magazine. Presented by Albert Song. (6065/5985).
- 0235-0250: "Newsline" (Radio Nederlands, Netherlands). An in-depth analysis of the major stories in the news, especially concentrating on international political issues (e.g. the deployment of Pershing missiles in the Netherlands and Soviet reaction, terrorist activity in Lebanon, and the upcoming tour of Indonesia, by Margaret Thatcher, and the issues involved). Each feature lasts about five minutes. (6165)

SATURDAY

- 1210-1230: "Talkback" (Radio Australia, Australia). This is a DX program especially designed for the experienced DXer. Technical publications are reviewed, propagation conditions analyzed, DX expeditions discussed, and some of the rarest and most exotic DX reported (like Nepal and Bhutan, for example). Not exactly designed for the newcomer to the hobby. (9580)



MAY 1985

Listeners Notebook

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ALASKA KNLS J85 [5 May to 1 Sept]: 07-0930 11850 EG, 0930-12 9685 RS, 12-15 9685 Chinese, 15-1730 7355 RS, 1730-20 7355 EG (via gh)

ALBANIA Last Minute Info

ALGERIA R Algiers Intl Svc, *2000 in EG, 2004 nx, strong 16/3 on 17745; ancd //15160 9640 9510 +M/LW (David Alpert, NY NY)

ANGOLA RNA, Luanda, well hrd in vern, no distortion, 17/3 0038 on 5365.5; 8/4 2238 on 5366.0 w/same distorted sig as when arnd 5333 (Juan Carlos Codina, Lima, Peru) Huila noted on 4820 at 0419 3/3. Af vern, SIO 444 (Mark L Williams, Emmet ID)

ANTARCTICA LRA-36 on 15474 at 0010-0021 19/3 w/soft instl mx & vocals; 0015 EG ID "R Nacional Arcángel San Gabriel, LRA-36". Gave fqs of 6030 & 15476; claimed to be first & only bc stn from Antarctica. Welcomed suggestions & comments on pgms. Offered QSL to WRTH addr, SIO 2+52+ but fading fast at tune-out (Richard A D'Angelo, Wyoming-sing PA) 15473.8 hrd *2155-2422*v, SP tlks, Lam & pop mx, fair 28/3, also ancd 6030 (Ernie Behr, Kenora Ont) Sked weekly [sic, means daily no doubt tho he also says 'semanalmente' in Spanish version & re Arg stns too...] on 1 kW 15474, SP only, w/ID in EG, JP, FR, GM, PT, IT, AR, 2200-0030 (Gabriel Iván Barrera, Arg SW Panorama)

AFAN(?) modulation doing better all week, but T-storm QRN; 13/3 0800 bluegrass; better after 0800 when VOA splatter from 6020 gone. No positive ID yet, but in the clear virtually every night now tho weak. However, both sidebands are modulated, whereas 3 yrs ago AFAN used USB only w/some reinserted carrier. More work needed (Bob Rankin, Lawrence KS, OMDC DX Log) Oops, that's 6012, of course

ARGENTINA Skeds of currently active stns: LR3, R Belgrano in SP //950 on LRY2 1180 at 16-20; LRY1 6090 22-03; Sat or Sun s/off varies due to sports events. Verifies by QSL. LRA34, R Nacional Mendoza, 6180, 24h in SP // 960; V by QSL/QSL letter. LV19. R Malargüe, 5 kW on 6160 in SP //1120, V by QSL-1 [no hours, just 'weekly'--see ANTARCTICA]. LRA, R Nacional, Bs As, in SP // 870: LRA31 6060 & LRX1 6120 Tue-Fri 01-11; Sat & Sun 01-15. LRA33 11710 Mon-Fri 05-12; Sat & Sun 05-12 [sic]. V by QSL. Fqs of 9690 9710 11755 15290 15345 not used by R Nacional. LES R Rivadavia--this is not a SW [BC] svc; 9115 eves, 4588 nights on SSB, all SP // 630. Mon-Fri 21-02v, Sat 21-04; Sun 17-24; s/off variable due to sports events; V by QSL. RAE [as in April LN IMI] has a DX pgm in all langs, skeds available on request. There is also a spl Saturday supplement to it in the SP 19-21 xmsn on 6060 & 9690 (Gabriel Iván Barrera, ibid.) The new EG xmsn at 1200-1300 on 15345 has been coming in well here; they say it's the final repeat of the previous day's pgms (gh)

AUSTRIA ORF ancd these J85 changes 14/4, effective 5/5: ENAm 00-02 9635 ex-5945; WNAm 04-05 6000 ex-5945; 04-06 9635 ex-6000. SAF 17-19 11660 ex-15465; 19-21 9615 ex-11860. EAF 17-19 15465 ex-11660. SAs/SEAs 15-17 15185 ex-9715. AuAs 07-09 11840 ex-15270. EAs 10-12 12025 ex-15415. By omission, we must assume the 02-04 to ENAm remains on 5945 6000 and the 1200-1300 on 15320 (gh)

Schulungssender des Österreichischen Bundesheeres (Austrian Army Radio), Flecken-dorf, 10 kW on 5035, Mon-Fri 0930-1430 mx, info, morse-code training in GM (WBI 28/3)

Hrd 18/3 0930 on 5035 (Birger Norgren, Grycksbo, Sweden, SWB) Just a reminder that this still exists; almost impossible for NAM DXers on present sked (gh)

BANGLADESH R Bang new sked from 1/4 in EG: 1230-1300 17665 & new 15570; 1815-1915 on 9830 ex-6240, but this is temporary; shortly on 9855 (Roger Tidy, RNMN 4/4) Cf ITALY (gh) 1230-1300 on 15570, ex-11935, // 17665; 1815-1915 on 9830 ex-6240 // 7355; CCI Moscow on 9830; 13670 used for AR/BC svc 16-18 // 9855; UD 14-15 on 11980 9640 (No#1 Green, UKOGBANI, Swiss SW Merry go Round 13/4) 9640v, my unID last month, hrd 1400-1500* w/UD pgm & mx // 11745, G 24/3; varies to 9641; 1458 another stn opens on 9640 w/strange IS & chants (Ernie Behr, Kenora Ont)

BELGIUM RTBF has vy irreg sked on 9900, hrd 1930-2105*v w/hilife mx & FR tlks Sun 24/3, Sat 16/3, Wed 13/3, but not every week. BRT same time on 9905 in DT, 2200-2258 * in EG (Ernie Behr, Ont) Full RTBF sked, IMI

BELIZE 28/3, TASS quoted Nic nx agcy ANN that the US Dept of State was bldg two powerful relay stns here for VOA which'd becomeopl later this yr. More than 42 mega-\$'d been allocated for construxion. The stns'd cover an area from Mex SW to CR. Per TASS, Washington intended to use the new relay stns to propagandise 'its aggressive political course in CAM which runs counter to the true interests of the peoples in the region'. At present, VOA pgms were xmt'd by R Belize. Under a contract for bldg the relay, Washington'd help modernise the Belize radio stn (WBI 4/4) M, I think

BHUTAN R NYAB coming in on their ancd fq 7040 24/2 0830 after a long time, SINPO 33333 (P Bannerjee, Calcutta, IDXC1)

BOLIVIA R Huanay hrd on new 4765 ex-4730; irregular sked; ID as "la voz aurífers del departamento de La Paz" [the gold ore voice of La Paz dept]. R Roboré will soon re-activate SW; nowonly on 1400 at 11-01; dir is Luis Hurtado Salas; slogan is "la voz del ferroviario oriental" [voice of the eastern railwayman]; old SW fq was 5312.5 6 yrs ago. R 21 de Diciembre, Catavi, IDs as "la voz del trabajador minero de Catavi" on 6081, asking for reports; [voice of the Catavi mine worker]. R Cumbre, Tazna on 3380 is asking for reports and offers pennant. R Cristal (not to be confused with Edifs Cristal, La Paz, 5005) hrd on 5627-5640 at 1200 & 1950; new stn. ID "Desde el centro minero de Bolívar y hasta el punto exacto en su dial, transmite Radioemisoras Cristal, voz y pensamiento de nuestro pueblo, Oruro, Bolivia" (Rogildo Fontenelle Arago, Cochabamba, via LADXR Jan-Feb, via RNM 12/3) more, IMI

BRAZIL R Tupi, 580, São Paulo, is off the air--inactive--and apparently will never return. In the last few years thestn has become an instrument of suspicious religious sects (José Gonzales Peral Jr, São Paulo, Play-DX 18/3) & what about SW? (gh) R Bandeirantes de Cachoeira Paulista SP, on the air since Dec 84 at 09-03 daily; ID: "Zê Ypsilon Ká Quinhentos e treze, mil e vinte kilohertz, Rádio Canção Nova; em ondas tropicais, três mil duzentos e oitenta e cinco kilohertz, Rádio Bandeirantes de Cachoeira Paulista SP. Transmitindo em nome do Senhor!" (gospel stn) Note different names for MW & SW outlets. V. by letter; reports to CP 15, 12630 Cachoeira Paulista SP; v/s: Maria Izabel Guatura, Secretary [Cachoeira = waterfall, onomatopœiser than the English & a PT word I love to pronounce -gh]. R Itatiaia de Belo Horizonte MG, 6070, 09-22 daily whilst 4805 remains 24h. R Record São Paulo SP, 6055 9505 11965 & 15135 usually hrd 10-22, exc sports events when s/off one or two hours later. Monitored sked of RNB ES: 18-19 EG Eu 11955. 19-1950 GM Eu 6065 11955. 2015-21 FR Eu on 15270. 21-22 PT Af 15270, 2350-2450 SP Sam 9655. 01-02 SP NAM 11745, 02-03 EG NAM on 11745. Mon-Fri PT Repórter Brasileiro: 1745-18 11955, 1845-1900 6065 20-2015 15270, 2335-2350 9655. R Nacional da Amazônia, Manaus 4845 and Porto Velho 4945 operate 09-02(Sun 01) w/a pause at 16-18. Brasília 11780 08(Sun 09)-02(Sun 01); 6065 at 08 (Sun 09)-16. This fq also used for ES 1845-1950 (Antônio Ribeiro da Motta, São José dos Campos SP, 11/3, via Play-DX) R Nac da Amazônia, 11780, closes earlier since 21/3 --weekdays to 2405*v, Sat/Sun to 2235*v. R Cl Paranaense, 9735, w/PT sports 0030-0230, hrd only when ZPAL was off, 21/3 & 4/4 (Ernie Behr, Kenora Ont)

Nat'lly networked V of Brazil nx pgm reported 19/3 that Comms Minister'd ordered that all concessions and permits granted to radio & TV stns since Oct 1984 be re-examined. A team made up of reps of the Ministry Genl Secretariat and of Dente1 (the natl comms dept) 'd have to make a complete case-by-case re-examination w/in 60 days. Meantime, awarding of temporary concessions & permits halted. Comms Minister justified decision on grounds that criteria established by Ministry had not been complied w/ in all cases (WBI 28/3) more, IMI

The 4096 stn, tentatively Rdif Sena Madureira, now on 4143 (J C Codina, Lima 11/4)

BULGARIA This year, R Sofia bcng ES pgms one hour earlier per GMT since 31/3. In previous yrs, ES unaffected by local change to DST (WBI 11/4) So EG to NAM 'd be at 2030-2100, 2130-2230, 2300-2400, 0300-0400 (gh) Some of their fqs relay Moscow and it must've been inconvenient not to shift their own xmsn times when Moscow did (gh)

Domestic net pgm I, "Horizont" hrd on 7670, 0419 27/3 W ancr, mx w/chorus & flutes; ID at 0427 & 0429; possible nx by M at 0430 but by 0433 W ancr back w/mx (Hans Johnson, Kingwood TX)

BURKINA FASO On 4815 at 2302-2401* 31/3; audible after Africa No. 1 s/off; long talk between M & W. Numerous ments of Ouagadougou. 2312 began hllife & pops. Clear ID 2358, then notes on balafon--IS? W said "Ici Ouagadougou," then anthem; SIO 2+52+ but fades (Richard A D'Angelo, Wyomissing PA)

BYELORUSSIAN SSR R Minsk confirmed in GM 23/3; next one sked 13/4 2030-2100 on 7420 6185 6120; no EG yet traced: [cf April LN] (WBI 28/3)

CANADA R Earth may go on CFRX-6070, Toronto (SCDX bc 16/4) Late afternoon, avoiding WYFR (gh) CFPV: See GERMANY WEST

CHINA Xinjiang, 4220, 6/4 0010-0017, F w/CH opera, M talking CH; 4500 0020-0025 P w/ cl mx, M talking CH. 4735, P, CH opera & W in CH at 0026-0030, then switching to a mideastern sounding lang, seemingly // 4500 but not 4220; all presumed (Don Moore, Calama, Chile) Sichuan PBS, Chengdu, G on 6058, 1157 IS, 1200 nx (Peter Bunn, R Australia Japanese DX Time 14/4)

COLOMBIA Caracol Carreño stn on 5941, up from former 5936, is actually Emisora La V del Orinoco, a.k.a. La Voz de Marandúa (meaning "messenger of the selva" in "el idioma de los aborígenes"). Form letter, no data exc fq, from Director Eliécer León, along w/prepared card showing power as 10 kW. Addr on letter is Av. del Puerto, Puerto Carreño. Also sent color photo of outback. Letter contains some info on the area, but very little about the stn exc they're part of Caracol; gives slogan as "Baluarte de la Integración Colombo-Venezolana." Used my SASE (Jerry Berg, MA, early Feb, via Radio Nuevo Mundo, Japan) Was on 5936.7 at 2310 10/[3 or 2] (Kenneth Olofsson, Mörum, Sweden, SWB) Colombia has issued an airmail stamp value-30 showing "Marandúa--la ciudad futura" (via Play-DX 25/3) unID on 7383.7a, 7/3 0135, lengthy phone ivs on education "en los estados de Colombia", strong at first but lost at 0215 --mxsn was LSB, some kind of feeder? Several ments of CARACOL (John Wilkins, CO, QMD C DX Log 29/3) more, LMI

COMORO ISLANDS 3331 peaking at 0317, fade 0345, in FR, Koran, no ID; correlates w/ sunrise of 0350 (Artie Bigley, San Antonio TX, 12/4)

COSTA RICA Unlike several reports, R Impacto not 24h, noted *1100 & 0600*; anti-Sandinista pgm "Una Voz de Centroamérica y el Caribe para el Mundo" may be hrd daily 0300-0600 (Christian Zettl, México DF, RNM 12/3) R Reloj, 4832 and 6006 are 3 kW ea from Irazo rather than San José. R Columbia, 4850 ex-4825 is in Puntarenas; delete its listing on 15150 [which was a mistake]; R Nal de CR is inactive on 6035; as is R Nueva Victoria on 6082; Faro del Caribe has 600 W on 9645, and is inactive on 6175 (SHN, Denmark, via WRTH LA News Apr) Seems I've hrd 6175 recently, morning only (gh)

CUBA All Union R changed pgming from MIRO-1 to Mayak (M2) since first week of March. M2 IS on hour and half hour. Hrd 9/3 1330-1800+, apparently originating in Leningrad Mayak studio, fqt IDs as "Govorit Leningrad" (Reinstein, Potter & Wilkner, DXSF) 4765 & Mayak on 7018.4 20/3 1052, IS 1059½, // 4765 7120; by 1142 drifted to 7017.5 (Steve Reinstein, DX S Florida) Emisora CLX, 6995, 3/4 2230+ w/meteo report, ment "Departamento Meteorológica" amid the song "Guantanamera" played softly in background --good sig but CCI from RFE feeder (Reinstein, ibid.) Any less SWBC than Turkish Mat?

CYPRUS TURKISH R Bayrak, Nicosia, "voice of the Turkish Republic of Northern Cyprus" Pgm II on 6150, AM & FM at 1000-2100 incl EG 10-1130, 1215-1630, 17-18 (Sat & Sun 1215-18), 1830-21; elsewhen in GK or AR. During summer time all pgms one hour earlier than this (WBI 11/4)

DENMARK Some J85 new fqs: 15120 to ME & SAs at 14 & 18; ENAM 6140 at 2135 or alternate 9715; one thing for sure, no longer uses 11810, especially when an easterly wind is blowing--10th harmonic 118.1 MHz interferes w/airport comms: (Andy Sennitt, RNMN 18/4) There's a campaign to get R Denmark to resume EG & SP bcs (Media Monitor, via SCDX 2/4) But DR has no plans to do so; stopped in 1970 (SCDX 2/4)

DOMINICAN REPUBLIC RNMN reported 28/3 that R Earth'd bc for last time via R Clarín 11700 31/3, due to poor prop & QRM. Hoped to resume 1/4 from one of a number of stns in Carib area; or if not possible, a couple weeks later. Plans to set up listener-owned SW stn in Carib, mostlikely Curaçao where applied already for license for 50 kW xmtr, ant to NAM (WBI 4/4) Actually, last bc was 24/3 since R Clarín untraced 31/3 R Santiago hrd w/SP nx 2310 22/3 on 9778; QRM from KEE 9780 at 2315 (Chuck Oliver, TX)

ECUADOR HCJB 5180, spur of 3220 even noted in Calama, Chile, as well as thru Perú; perhaps could make it to NAM (Don Moore) HCJB hrd on 15160 // 15125 & 15088 14/4 1820-1900, very classical mx some lasting 15-20 mins (Chuck Oliver, TX) Regular concert. 18-19; spurs the rule rather than exception too w/them (gh) R Nacional director Rodríguez Vivas says they plan to return to SW by yearend, tho didn't specify if on

4940 or via HCJB as in 1983 (Don Moore, Ecuador via RNM)

EGYPT MENA nx agcy reported 7/4 that People's Assembly approved a law cancelling introduction of summer time; past years, clox'd been put forward one hour, except during Ramadan (WBI 11/4) Don't have exact date, but Ramadan should be about here

EQUATORIAL GUINEA R Nacional "International Svc" noted on 15106.6 w/pgm produced by Vatican Radio ending 2149 8/2, then anmt saying to write to a Boston address for a copy of the show. 2155 ID & fq anmt, into James Brown tune, music to 2159 anthem, 2203 off (David Alpert, NY NY)

FINLAND R Finland Nam svc in EG on Suns somewhat modified: 1200-1230 & 1300-1355 on 15400 17800; 1400-1430 on 15400, and ancd // 17785 to Af (gh)

GABON A surprise! J85 THPBS from ITU has new high-powered 250 kW assignments listed for Franceville, on 7180 0430-24, 7270 07-16, 11880 05-07. All intended for GCSAF. Possibly a new intl svc? In addn to regular asgts for ANO, Moyabi (Bob Padula, ADKN) ANO testing on 17820, 1130-1700* // 7200 & 15200 in FR (Harvey Saward, Canary Islands, RA JP DX Time 24/3) Some addl QRM to KCI Sunday Morning (gh) ANO reported that the French Minister Delegate for Coop & Development and the Gabonese Minister of Info, Posts and Telecomms had signed the 2nd convention re their pan-Af radio stn, ANO. The first convention signed in 1981 when the stn was inaugurated had already expired (WBI 11/4)

GERMANY WEST Südwestfunk, Baden2, phoned me morning 13/4 re my reception report of Nov 84. Told me to speak for a minute abt myself, reception quality & programming of SWF as hrd here. Was taped and bc at 2100 that day; was not able to receive bc at this time tho (Sheryl Paszkiewicz, Manitowoc WI) That'd be 7265 (gh) Süddeutscher Rundfunk presumed on 6030, 17/3 0740-0814, GM talk by MEW alt, level not as strong as earlier in season. Hrd only on USB/ECSS[sic]; CFVP coming in on LSB/ECSS w/totally different pgm! SDR was stronger and blocked CFVP completely on USB, but no trace of GM on lower. Is SDR only mod'ing USB of their clearly AM carrier these days? Check- ed out the same on two different rx and ants (Bob Rankin, Lawrence KS, OMDX DX Log) By the way, CFVP has had terrific sigs lately after 0800, such as 22/3 (ibid.)

GUAM TWR region-3 SWBC xmtr KTWR granted by FCC its request to operate in the 40m [sic] band. In permitting the stn to operate in the 71 to 73 kHz [sic] spectrum, FCC reasoned that KTWR should really fall under guidelines of ITU region 3. Stn'll have to op under certain tech restrixions in order to minimize any QRM w/hams in Region 2 [WHam] (Westlink Bulletin 396, hrd 15/4 by Rufus Jordan, PA) This ought to have been obvious from the outset; and why should hams get any pretexion? They certainly don't from e.g. VOA-Liberia etc powerhousing in 41mb (gh) KTWR has FCC approval to set up a new ant beamed to Au (and NZ), Construxion to begin in a few weeks. Will be a 2 x 2 curtain array. New skeds are being developed. Update details'll be given in DX Listeners Log, Sats 0030 on 17790 (Don Rhodes, ADKN Apr) That could lead to more EG pgming, which might also be audible in Nam (gh)

GUATEMALA [?] What's the stn on 7400 arnd 0100? Hrd past couple of nights, but never an ID. Pgm of songs such as "Sat. Nights All Right for Fighting," "You've made me so very happy", "Your Sister Can't Twist (But She Sure Can Rock & Roll)", etc. (Kraig W Krist, Falls Church VA) Widely-hrd mystery stn on 7400, ex-7360, G sigs, usual mix of US/Latin vocals 0030 t/in, off in mid-song at 0053*, 9/4 & 10/4 (John Wilkins, Wheat Ridge CO) Test bc on 9920 hrd 4/4 from 2155 w/pop songs, 2200 test tones, 2206 more pop mx, 2231 test tones & 06 past 2330; no anmts but strong sig equal to US stns, some QRM from ute on 9918.5, at first suspected KCBI testing; much weaker stn also on 9920 at 1800 w/TS & uND lang, sounded like a DS, 3/4 [probably Israel -gh]. 9920 hrd again 7/4 1400-1500* w/US & LA pop songs, also 8/4 & 9/4 *1300-1500* mostly LA pop; strong sig, same level as LV del CID nearby & similar fade pattern, more likely from CAM than KCBI; no anmts (Ernie Behr, Kenora Ont) What is stn on 9920? Tone to 1244, no mod to 1300, then nonstop EG/SP mx, 14/4 and 16/4 (Martin W Croze, Minneapolis MN) Also noted here, quite strong, plays same mx cycle over and over-- must be a yanqui connexion as once an hour Nat King Cole sings the same song in Spanish w/heavy gringo axent, hi. FCC Monitoring stn here says it's coming from the direxion of Guatemala City, with Belize a less likely possibility (gh) First noted by Steve Reinstein 21/3 on 7360 at 0145; regular on 7400 since; moved there 23/3 w/ 0000-0200* skad; 28/3 to 0200* vy strong, 48+over 9 in Ft Laud; weaker in Bradenton FL by David Potter, 10 over 9. Also on 9920 w/test tones from 1245; tape often incl "Nat King Cole en español" from 1300-1500--a David Potter Discovery on 30/3 (Bob Wilkner, DKSF) uND on 7400 most nights v*0000-0200*v. Tnx phone tip from Larry Magne & Tony Jones 22/3, hrd this one on 7360 past 0225 w/nonstop EZL mx, incl NKC. Some tapes repeated after an hour or so w/most mx in SP tho some EG, i.e. [e.g.?] one side of Kool & the Gang LP! Reappeared 27/3+ on 7400. Very reminiscent of R Moni- bó's irr morning/midday mx tests on 6230, but not // . Magne said first noted 1330-1500* 22/3 on 7360. Not to be confused w/CID on 7400 later (or is it?). Per John Santosuosso's column in Monitoring Times, 4-4, a new CIA-supported contra group stn is set to begin bcs to Nic in Mar or Apr. Local level here (Terry Krueger, DKSF)

GUYANA FRENCH For those who want to keep up w/Montsinéry relay opns, here's the tent J85 data from ITU THFBS: 5990 10-1030. 6140 04-06. 6175 10-1030. 9535 22-23 & 00-02. 9550 10-1030. 9605 02-03. 9620 00-0030. 9770 10-1030 02-03 & 04-06. 11790 1030-1245 & 23-02. 11805 22-23, 00-0030, 0130-02. 11825 1030-17 & 23-02. 11880 1130-12. 11930 2030-22. 11970 03-04. 15135 1245-17. 15200 18-23. 15300 18-22. 15360 22-23. 15365 12-17. 15435 1130-1315. 15440 23-04. 17775 15-17. 17860 1315-17. 21645 15-17. Note that "11970" may be the 11995 operation and "9770" would be 9790/9800. Not to be taken literally as includes RFI's pgms for extended coverage into Af/India. In THFBS, asgts at band edge often give necessary clue to OOB possibilities as OOB allocations are not included; neither are there regs for the 22 mb (Bob Padula, Apr ADXN)

GUINEA BISSÁU Nigerian nx agcy NAN quoted GB radio as reporting 8/4 that Czechoslovakia'd be bldg & paying for new radio stn in GB. Construxion'd begin in Apr and to be completed early next yr (WBI 18/4)

GUYANA Barbadian nx agcy CANA reported 22/3 that Bulgaria'd already agreed to provide Guyana w/two 10 kW and two 100 kW radio xmtrs in exch for bauxite. Eqp for state-owned GBC, operators of the natl radio svc (WBI 18/4) Good ole commies

INDIA AIR Delhi on 9910 at *1958-2230* in EG w/ute QRM 22/3, but on 9912 at *2243-0115* in EG w/BBC QRM [from 9915] (Ernie Behr, Kenora Ont) AIR hrd on 9719.6 w/ununderstandable EG (I think it was EG) 29/3 0125 w/soft Nam pops (Juan Carlos Codina, Lima, Perú) New AIR outlet on 6055 at 0800; seems Delhi w/EG nx 0830. Bhopal on 5990 at 0235 not listed in WRTVH 84. 7298 Aizwal hrd at 0800 mixing w/Penang w/usual Miro mx (Victor Goonatileke, Sri Lanka, UADX Nov/Dec) Poisonars [??] sigs from AIR Bhopal now on 3315 from 0100 to 0215 from 0230-0400 [sic] on 5990 ex-7180. Unlisted, but they used 5990 during low sunspot years. AIR Gauhati now using 3375 in morn as well (Sarath Weerakoon, ibid.) Guess that's poisonous (gh) To overcome QRM by stns in neighbouring countries, such as Bangladesh & China, AIR has taken up a comprehensive pgm to strengthen its xmen stns, esp'ly in NE region. Sources in Calcutta said Monday that AIR authorities were worried over continual shrinkage of coverage area in bordering states. Xmen of AIR pgms had remained weak over years while neighbouring countries had powerful xmen stns. Listeners too unhappy abt this. AIR installing several powerful xmen eqps at Dibrugarh, Gauhati, Shillong, Siliguri, Ranchi, Patna. New studios also being built at Aizwal, Kurseong and Patna. Powerful 300 kW xmtr being installed at Dibrugarh; 100 kW at Siliguri, Shillong, Ranchi, Patna, and two 50 kW will be set up at Gauhati & Shillong. Present capacity of Siliguri is 20 kW, of Ranchi 10. Mr N J Nair, CE of AIR East Zone says xmtrs expected to be installed by yearend. Some of them, like the one at Gauhati, 'll be on SW. Said till now AIR depended mostly on giant 1000 kW xmtr at Mogra in Hooghly even for far-flung areas (The Statesman, Calcutta, 9/10/84 via Subhashis Das Gupta, Feb IDXCI) INDONESIA IMI

IRAQ Salaha! Deen hrd on 13700, 30/3 1740 fair, 1800 f/out (Chuck Oliver, Spring TX)

ISRAEL Jerusalem Post reported 13/3 that Chief of Genl Staff ordered closure 1/4 of nx div of Galey Tzahal (Israeli Defences Forces' radio stn). Decision to incl nx div in Def Min's budget cuts followed months of speculation as to its fate. Tho fqt nx bulls, mag pgms and analyses from IDF R'd come to an end, stn'd continue to cover current mil'y & security issues. IDF R commander refused to comment on how the cuts'd affect pgming (WBI 21/3) Israeli TV reported 28/3 that nx on IDF 'd continue for time being. IBA BOD, responsible for IDF R's non-mily bcs, had issued instruxions for stn to continue pgms so as not to affect pro level and content of non-mily bcs. This cancelled new sked put out by IDF R for removal of almost all nxreels as from 1/4. Chmn of IBA BOD appealed to Atty Genl w/req for opinion on IBA authority to incr or decr IDF R non-mily pgm sked (WBI 4/4) Galey Tzahal sked 24h on MW & FM; those odd 1 and 2 MHz SW fqs listed before no longer ment'd in (WBI 18/4)

Davar nxpaper reported 27/3 that US asking for VOA relay stn in Israel also to be used by RFE & R Liberty. Consideration given to setting it up in Negev region and not near Zefat as initially publicised. Checking suitable sites'd begin 28/3. During talk, Isr'd demanded that any anti-semitic elements and allusions be left out of any xmns from the proposed relay stns. Chargé d'Affaires at US Embassy replied that if su_ch xmns'd been carried in past, they'd been contrary to stns' charters; this matter also raised in US Congress. Davar then reported that US wanted to use stns to carry large variety of bcs in sevl langs to various Soviet republics; some might also reach other countries, such as Afghanistan & Iran. Further talk necessary; might cost as much as 100 megabux (WBI 4/4) Kuwaiti nx agcy KUNA reported 2/4 that Am & Isr experts were studying best location for VOA relay; they'd recently toured southern 'occupied Palestine' and were expected to propose a site in the "Arad" region SE of Beersheba (WBI 11/4) Ha'aretz reported 11/4 that discussions re VOA relay had met unexpected obstacle. Tests by experts from MinCom and IDF showed planned bcs'd be so powerful they'd interfere w/Isr bcs (WBI 18/4)

IBA Network B, Hebrew only, on SW [before time change]: 0358(Sat 0458)- on 11585
9920 9385 7465; 0715 on 21760 17630 17555 15615. 1100 on 21760 17555 15615 15100.
1200 add 17630. 1400 on 15615 15100. 1500 on 15100 7465. 1630 on 7465. 1830 on
11585 9920 9390 7465, to 2305. Net D in AR 0358-2215(to 2300 during Ramadan [i.e.
2200 due to DST?]) on 5915 (WBI 18/4) more, LMI

ITALY stn on 9855 hrd 7/4 1800 ending pgn w/EG anmt & AWR addr in England to 1801*,
G sig; any ideas? (Ernie Behr, Ont)AWR from Italy in EG 06-07 on 7125, 17-18 on 9395,
GM 07-0830 7125, 16-17 6205; FR on 9810 to 1457* (Noel Green, UKOGBANI, Swiss SWMGR
13/4) AWR Italy testing on 7125 at 06-07, and on 9855 at 17-18, both in EG, daily
(Edwin Southwell, Basingstoke, Hants, 8/4) R Victoria via R Milano on 9295, 10/2
1005-1040, pop & critic Westgerman pop scene, 34343 (Hans Krohn, Germany, DSWCI)
Corrections & updates to WRTVH 85 concerning SW private stns: R Time/IBC Scandicc
1 kW on 7105 at 07-13; 7110 at 13-07. Stn 14 addr is: Via Privata Terzulli 10, 25100
Brescia. Delete stn 13), R Manila, Torino, 7215--closed by police; and R Milano Intl
no longer uses 9435, just 7295. New stns: R International, Verona, 24h on 1621 kHz,
0.3 kW; addr Corso Porta Palio 36, 37122 Verona. Stn mgr F. Mischi; V by letter, rp.
And R Nuova Musica, Porcia, 7481v, 100 watts, 09-11. Addr Via Burrida 24/a, 33080
Porcia(PN). Stn mgr is C. Claretti. (Dario Monferini & Sergio Roca, Play-DX; the
former also invites tapes of unID stns to Via Davanzati 8, 20158 Milano) New stn:
R Montebeni, 7210, begins tests in Apr, classical mx only; tech mgr is Stefano Man-
nelli; 500 watts. Reports welcomed but 2 IRCs required for reply; addr: Via Monte-
beni 3, 50014 Fiesole (Mannelli, Play-DX 1/4)

JAPAN P/D (?) QSL card rec'd via R Japan for HS relay on 3607.5 USB, 20 days for
taped rpt. Tokyo indicated as site, so apparently not via Hiroshima, unless v/s
goofed (John Wilkins, Wheat Ridge CO, 10/4) NHK School BCing Svc, 6190, 21/2 0130
JP glee-club practice w/w instructor, M intro to beautiful tradl koto mx. This svc
must be similar to PBS pgming in US. Little or no info in 84 or 85 WRTVH; G-E (Ralph
Famularo, Osaka, Apr SPEEDX) PBS is a TV net; why compare it to that? Surely just
the school bc period on NHK-2, as on p. 213 of 1985 WRTVH; and stn in same category
as the 3 mentd on p. 214, but other sources have shown a lot more of them; wasn't
this parallel numerous NHK-2 MW outlets? (gh)

KAMPUCHEA WRTVH 85 lists EG at 1200-1215 but I hrd their EG at 1230-1245 on 11938 (C
edic Marshall & Ron Hopkins, Apr DX Ontario) This happens every so often since ear-
lier pgming in other langs delays EG; usually reverts to 1200 slot (gh)

KENYA VOK GS on 4885 *0300, into vern 0330; also 1800-2010 (weekends 2110)*; is the
only VOK xmtr audible; no tests yet from 250 kW unit (Richard Ginbey, RSA, RNHN 11/4)
VOK hrd 12/4 0312-0325 in EG on 4885 w/nx 0315, 0330 into other lang, so now fair
reception into Nam (Artie Bigley, San Antonio TX) Another surprise in J85 ITU THFBS:
the new 250 kW facility at Koma Rock is listed on 6050 1230-1530, 1930-2130, 7225 12
30-1530 & 1930-2130, 9655/11745 1530-1930, all to EAF. Suggests that two xmtrs will
be used simultaneously, perhaps part of uplifted ES (Bob Padula, ADKN)

LEBANON R Free Lebanon, supporting the Lebanese Forces, a right-wing Christian para-
military grouping, went off the air suddenly at 1043 13/3; came back at 0945 14/4.
Ancd at 1007 it'd been off due to fault in xmtn eqp; but Kuwaiti nx agcy reported
from Beirut 13/3 that stn'd stopped bcng after being attacked w/rockets. V of Arab
Lebanon, which supports Nasirite al-Morabitun mvmt, said 14/3 that RFL'd resumed bcng
that day after having dismissed its dir (WBI 21/3)

4/4, V of Hope replied to remark published in 18/3 Al-'Usbu' al-'Arabi magazine
that VOH xmts from al-Qulay'ah area in the south under supervision of the Army of
Southern Lebanon (ASL) and that its activities'd been shifted to political affairs.
Said was guest in Leb, subject to laws & regs there, and nonpolitical; nx & political
cmtry are 'free from anything that may provoke grudges or hatred'; only 1/10 of
bc time taken up by nx & political cmtry (WBI 18/4)

V of Lebanon, 6548.6, QSY from former fq slightly higher; ID trx to River Kwai
curtain at 0410 followed by anthem (Juan Carlos Codina, Perú, mid-Mar) Had been unID
on 6548.5 9/3 0110 w/AR mx fair sig (Codina)

LESOTHO On 4800 26/3 *0259-0316 w/NA, s/on, ID, anmts, into religious choir mx, SIO
2+52+ (Richard A D'Angelo, Wyomissing PA) On 4800 at 0449 w/F sig, 0455 EG nx (Mark
L Williams, Emmett ID)

LIBYA R Jamahiriya noted w/EG to Nam on 7245 ex-11815 arnd 2225 ('DK', Mar DSWCI)
So that's where it went! Still there? (gh)

LIECHTENSTEIN Sensational nx: Mr Werner Vogt informed us R Liechtenstein, Vaduz,
will test a 10 kW xmtr w/supervision of Minister of Post & Telecomms, on 7205 0730-
0930 7/4, 8/4, 14/4. Other tests organized only after arrival of reception reports
of listeners; to R Liechtenstein, Technical Svc, Mr Werner Vogt, Schaanerstr 10,

FL 9490 Vaduz, Liechtenstein. Five IRCs required to get the spl QSL card printed on gold paper (Play-DX, Italy) Shux, I forgot to check for this on 14/4; however I am a bit doubtful as this was published 1/4 (gh) However, apparently logged--see IMI

MADAGASCAR R Madagasikara still noted on 5010 at *0258-0311 w/IS, choral anthem, ID & talk by M into choir singing, SIO 242 on 31/3; not as strong or clear as previous months (Richard A D'Angelo, Wyomissing PA) J85 THFBS shows 30 kW DS on 7230 0230-19Z (Andy Sennitt, RNMN 28/3)

MEXICO R Huayacocotla, 2390, has finally got MW authorization for 1390 kHz; new xmtr and antenna adaptation should be ready by mid-1985 when it will go off SW w/ much improved local coverage; hurry up to QSL this if you haven't, and don't forget rp (Christian Zettl, México, Radio Nuevo Mundo) Mex govt gave inactive SW stns ultimatum, use or lose SW licenses, leading to several reactivations: KEEP back on 6185 in mid-Mar, 24h; vy old xmtr, spare parts problems; may get new 10 kW SW. XEWW now 24h on SW 6165 9515 15160/15177 but vy low power about 500 W each. XERMX can't afford EG & other lang svcs; 17765 has been off for 3 months; 15430 & 9705 are only fq. And XEQK gave up on SW (Christian Zettl, México, RNMN 4/4) XEQK reactivated, hrd at 2000 on 9555 // 1350; 24h? (Zettl, RNMN 11/4) XEQQ 9680.3 is off the air since mid-Mar (Ernie Behr, Ont, 6/4)

NETHERLANDS RN's Spanish DX pgm 'Radio-Enlace' in the past would sometimes be the first instead of 2nd feature pgm on Fri +GMT Sat bcs, starting at :48 past the hour instead of :03, but since 12/4 this seems to have been a permanent change; so complete sked is now: Fri 0548 on F9895 F6110 SWEu. 1248 F11930 F9610 SWEu. 2048 F9895 F6020 SWEu. 2248 F9895 F6020 Carib/Eu. 2348 B17605 B15315 SAM. GMT Sat 0148 on B15315 B6165 SAM/NWSAm. 0248 F9895 F6020 SAM. 0348 B9590 B6165 CAM/Mex. DX nx report from gh 2nd and usually 3rd Fri of month; also regular reports from Emilio Pedro Povrzenic, Argentina, and correspondents in Spain; hosted by Alfonso Monteleagre & Jaime Báguena. The PT DX pgm 'Mundo das Comunicações' presumably now benefits from two chances to hear it instead of one, tho the new 0100 UTC Fri repeat from F9895 & F6020 was at first inaudible; first bc is Thu 2300 on B15560 & B15315. It's at its best when Roberto Levinstein, Madrid, is featured w/DX news and features (gh)

NEW ZEALAND RNZ SW sked for May-Aug: Pac 1845-2115 11780 15150, 2345-0145 17705, 0345-0730 15150. Au/PNG 2345-0145 15150, 0345-0730 11780, 1030-1215 11780 9600. Any change'll be ancd in course of xmsn (via Barry Hartley, Auckland, RIB) This contradicts reports from elsewhere months ago that J85 fqs'd include 6105 & 11675 (gh)

NIGERIA VON good most nights on 7255 for 0500 EG; note during 0530 nx, ID as 'World Service of VON' -elsewhere in xmsn as Waf svcs; is this WS thing new, or have I just not noticed? 14/2 (David Alpert, NY) Don't know, but probably results from merging of 3 regional svcs during nx on half hour (gh) VON ES: 05-06 EG Waf 7255; EG Naf/Eu 17800 15120. 05-10 EG Eaf 15185. 06-07 FR Waf 7255, FR Naf/Eu 17800 15120. 07-08 EG Naf/Eu 17800 15120. 07-08 Hausa Waf 7255 08-0830 AR Naf/Eu 17800 15120. 08-17 EG Waf 7255. 0830-10 EG Naf/Eu 17800 15120. 10-11 SH Eaf 15185. 10-12 EG Nam [sic] 15120. 12-14 EG Carib 15120. 14-1530 EG Au 15120. 15-16 EG C&Saf 11770. 1530-17 EG India 15120. 16-17 SH C&Saf 11770. 17-18 AR Naf/Eu 17800 15120. 17-18 Hausa Waf 7255. 17-21 EG C&Saf 11770 (includes Sun/Mon/Thu at 17, 18 or 19, 'S of the Zambesi' in EG/AR or Sotho/Xhosa or Tswana/Zulu). 18-19 EG Naf/Eu 17800 15120; FR Waf 7255. 19-20 FR Naf/Eu 17800 15120. 19-2030 EG Waf 7255. 20-21 GM Naf/Eu 17800 15120. 2030-21 Hausa Waf 7255. 21-22 EG Naf/Eu 17800 15120; FR Waf 7225[sic]. Svcs on 11770, unconfirmed due to adverse reception condx (WBI 28/3) NAN nx agcy reported 6/4 that former R Nigeria-Benin stn'd been taken over by Bendel State govt and'd been handed over to the state-owned R Bendel. RN-Benin'd been closed down last year by fedl mily govt; all staff dismissed from stn were advised to report to the GM of R Bendel 9/4 for 'screening' (WBI 11/4)

NORWAY R Norway Intl J85 for EG SW half-hours +UTC Mon: 1000 17740 15180 15235/11860 1300 21730 17770 15305 9590 6040. 1400 15305 15300 15225. 1600 17840 15305 11925. 1700 17850 15305 11925. 1900 15305 15205 11860. 2000 15305 15265 17830 6030. 2200 15180 11925. 0000 9605 9580. 0400 15180 11870 9645. 0500 15180 15165. Nam fqs are 15305, 9645, 9580 (via M Harla, Kraig W Krist, Eric Swedberg)

PARAGUAY R Comuneros, Asunción, hrd on 5350.0, 13/3 0000, nearly no carrier, mostly USB tho marginally understandable in AM detexion. Ancg that for the 'Copa Libertadores' they bc in parallel w/R Mboracayú [cf Apr: LN]. Should be feeder, possibly for benefit of Colombian stns xmitting fútbol between the Guaraní team of Asunción and Millionarios of Colombia? S9 here in Lima. Then hrd daily but 27/3 on LSB & 2/4 on LSB. VG strength (Juan Carlos Codina, Perú) 5350 is new fq for Emisoras Paraguay, 4/4 0020-0132* LSB feeder, tnx to tip from Nick Pappas. T/in to std LAm pops, then ID at 0030 into list of stns carrying pgm: R Primero de Marzo, R Encarnación, LW del

Amambay, R Tres de Febrero and at least six more. Anti-communist talks til 0040, then mix of mx & various remote reports. 0058 pgm credits, 0059 "volveremos mañana a las... en estas mismas emisoras". Singing jingle at 0100 mentd "El Diario --", promo for "radio informacón de la hora" then clear ID, 0102 Boletín Informativo w/rpt about "Semana Santa" in Asunción. Later pleasant Lam pop mx w/ID by M after each song or two, abruptly off at 0132 in mid-song. A nice treat, since 6015 is almost never audible here-- abruptly back on at 0141 w/Pgy vs Colombia fútbol,, also carried on CARACOL Meiva 4945 (Steve Reinstein, DX South Florida) LV de las Misiones, San Juan Bautista, hrd 22/1 1024 on 7067, 5 x 1413.4, Mex folk mx (Povrzenic, Arg, RNM)

PERÚ While in Cutervo I had a long talk with Miguel Ángel Quispitongo Suxe, ancr at LV de Cutervo. Miguel was a cofounder of Estacón C. Plans to stay in Cutervo until May, then return to San Martín. Some things he told me: Porfirio Centurión, who founded R Moderna de Moyobamba, 6364, previously was ancr w/R Moyobamba. He was denied a license due to stn having same name as one in Celendín, so he went on the road to sell his xmtr, finding a buyer in Saposca, where it's now R Huallaga. Porfirio returned to Moyobamba and towards end of the summer bought out Estacón C, so he is now owner/mgr. Emilio Bardales, who as ancr at R Moyobamba answered reports, is now at R Oriente, 6190. Miguel will hopefully be writing me once he finds new work in San Martín. He's very interested in DX.

Perú resumed std time of UTC-5 on 1/4, four weeks ahead of sked, so most stns sked reverts to one hour later, but not those in Celendín, where the local power which is on between 7 pm and 1 am local, to coincide with the fall of darkness will mean they operate at the same GMT whether or not DST is in effect.

R Cutervo, 3390, uses 1 kW 1200-0230; founded 1 June 1984. LV de Cutervo, 4965, nominally 1 kW but actually use only apx 700 W, 1200-0100. Gerente is César Sánchez Camacho. R Ilucán, 5617, 1200-2400, 200 W, Gerente José Gálvez Salazar. R Celendín, 7053=official fq, 2300-0500 daily; gerente José Camacho Villar says he has been on & off the air for 25 years. R Moderna, 4300, 2300-0500 daily; affiliated w/R Moderna in San Marcos--same owner. LV de Oxapampa, 3260, hrd 26/3 0029-0050 w/comunicados, folk mx, TCs, one ID; hrd while in Huarás. R Selecta, 6790a, noted several times 12-23 Mar while in Cajamarca area; seems to play light pops & romx [sic--romantic mx?] in early eve and switches to huaynos arnd 0100; announced 6.8 MHz.

R LV de Cochón (sp?) [see Codina's report, below], first noted on 5340 21/3 in Celendín, 0115-0210, P-F w/ute QRM, huaynos, many anmts, occl IDs, comunicados; better 22/3 0051-0131 w/huaynos & many dedications; still on at 0200 recheck. R El Porvenir 0140-0200 22/3, fq actually climbed 5 kHz, apx 3922 to 3927 while listening; romx, TCs, ID on the hour, E strength but vy distorted; hrd in Celendín.

R Ancash, 4990, has bilingual EG/SP pgm on tourism, "Recorriendo por el Callejón de Huaylas", Suns 2300-2400 (as retimed after 1/4); I suggested to staff members & left letter for mgr, then in Lima, that it ought to be retimed to 0400 GMT, Sat or Sun, to avoid R Barquisimeto QRM & gain wider audience. Others might want to write and suggest the same.

R Tayabamba, 3290, 10/3 2308-2345 w/pop mx; 2315 into "Carnet Social" pgm of comunicados or anmts to listeners; several places played "Happy Birthday to You" in EG before wishing someone a happy birthday. Noted other times too, stays on until at least 0200.

R Frecuencia Siete, 7010, 50 watts, 2300-0500 daily. Gerente Gregorio Sánchez Araujo. Addr: Jirón San Martín 419, Celendín. On air since 20/1/85. Hopes to increase power. Gregorio says R Nuevo Edén was 15 watts, but has been off air some months.

R Bambamarca, 5657a, 100 W, 1400-1700 GMT daily. During most of the day they 'bc' via speakers in the main plaza & market. Gerente is Augusto Araña Morales. Hopes to get a 500W xmtr & increase hours.

R San Pedro, 7430, is no longer on air. Padre Lorenzo Vigo Díaz told me the xmtr belonged to a parish member who took it back. Now at a local campesino organization tho not used.

R Inca, 4494, now only on 1592 MW; in Baños del Inca, Cajamarca. Co-owner is Manuel Graciano Terrones, severely handicapped. Anyone who hrd this & wishes to send a f/up ought to include a music cassette--they'd vy much appreciate some addns to their small collection (all the above: Don Moore, on the road in Perú)

R Selecta de Virú, La Libertad, first hrd w/vy powerful sig, 20 over 9, vy clear mod, but not so powerful audio. Vty of Pv mx, huaynos, cumbias andians, etc. At first that maybe R Universo off fq, or R Nuevo Edén on nf, but pasillos so should be Cajamarcan stn, but who? 0005 IDs impossible to catch due to KITTY QRM; also poor mod at mc tirades. But ads going for 10 mins, so seems well established. Each 5 mins a TC w/ID as "R Selecta de Virú". Ads for Zapatería José; M ancr but at night alternating w/W. Going till 0456. Last pgm is "Congratulaciones Musicales" (musical greetings). Interesting that stn seems to remain on air only to provide mx to a birthday

party somewhere nearby in the little town, as all pgming 0200-0456* was dedicated to the same greeted people. What's more, the people in the studios asked the ones at the party to send some beers over to help fight the hot weather! Also IDs, lots of them, and TCs following day, G sigs all day, no RTTY QRM during daylight; ancr at stn is Aurelio Palomino. Another full ID, hrd following days: "En su sintonía, Radio Selecta de Virú, banda internacional de 45 metros, amplitud modulada." Fq: 6791.5

R Santa Cruz, Santa Cruz, Cajamarca, 6648.5, ancs that its owner is Mario Centurión Burga, who also owns stn on 5340 w/different names in the past, which at one time was also named R Santa Cruz, so that explains the present name. Also plays the same recording of "El Cóndor Pasa" used by Centurión Burga on the 5340 stn; closed at 0403 14/3.

R Cochán, Cochán, Cajamarca, 5340, reactivated! One of the most exotic Pvs is back! Hrd 14/3 0212, 10 over 9, and of course again w/new name and new QTH! ID at 0215 w/TC as 9:10 pm, "en R Cochán momentáneamente en señal de prueba, y ya nos dirigimos al bello distrito de Llapa; ¿cómo está la gente linda de Llapa? Muchos saludos para todos Vds. para llevar saludos musicales..." Same stn formerly in Jaen as R La Voz del Nororiente, later in Santa Cruz as R Santa Cruz, then in Andabamba as R Continental, etc., etc. Also another time was in San Miguel as R San Miguel! Closing w/NA at 0223. Note that the town of Cochán (full name San Silvestre de Cochán) is a few km from the last QTH of this mobile stn, i.e. San Miguel de Pallaqués, where they IDed as "R San Miguel" in the middle of last year. Stn also uses same version of "El Cóndor Pasa" used before by all the other stns on this fq, at beginning and end of xmsn, after and before the Pv NA. Opened next day 15/3 at 2359 w/NA, ECP and anmt: "Desde la pintoresca y progresista ciudad de Cochán, con su monumental cerro El Castillo, patrimonio cultural del Perú, surge una voz (music), Radio La Voz de Cochán (music), Radio La Voz de Cochán, transmitiendo en calidad de prueba, en 5340 kilociclos, banda de los 56 metros, desde Cochán, Cajamarca, Perú." Opening pgm on Sats is "Momento de declación," evang w/evang "corridos", showing transnational cultural nature of this kind of pgm.

R Gran Pajatén, Celendín, 4145.0 again in this range w/old xmttr showing little USB component, being mostly LSB w/carrier. Hrd again same 16/3 0305, varying up to 4145.1 & carrier about 20 over 9 here; next day on 4181.0v. See R Bolívar, below

R El Sol de los Andes, Juliaca, Puno, now slight QSY to 3229.1, as noted 12/3

R Ondas del Oriente, Nuevo Progreso, Huallaga, San Martín, 7317.9 to 7318.2 23/3; And on 26/3 on 7317.5 at 2220. When Moscow opened in EG at 2300, QRM made impossible its reception here--Moscow on 7230 of course. RODO going till 0100+. Ancg "en calidad de prueba". Giving fq as 7308 kHz, asking for reports, offering a warm reply. Addr as: Malecón Huallaga 500, Puerto Fluvial, Nuevo Progreso. 8/4 on 7314.9

R Frecuencia 7, Rosario, Celendín, 7010.1, hrd 26/3 0150 offering QSL cards, addr as Jirón San Martín 419, Rosario, Celendín; as usual ancr fq as 7010.

R Universo, Cajamarca, 6815.6: an example of the bizarre or if you prefer, comic in Pv radio media is this ID: "En la frecuencia modulada estéreo, onda media, onda larga, en la banda de 40 metros, frecuencia de 6810 kilociclos onda corta." Believe me! Hrd this crazy ID 2/4 0135. Another one: "...con el empuje incontenible de los ríos, y el romántico trinar de las aves, Radio Universo se proyecta por un futuro mejor, en los aires de América." Later got exact location: Pacae, San Ignacio, Cajamarca. Had lots of avisos for Jaen and specifically for the Santa Rosa area in Jaen prov. Some msgs addr'd as coming for Pacae, where stn is located since said "...en esta localidad de Pacae..." Also msgs directed to Cutervo area. So is the most northern Pv SW stn, along w/R Grau in Huacabamba, La Libertad. This tiny town is in the north of San Ignacio prov, near Ec border. 7/4, ancd "en prueba". Ancr IDed as Víctor Lozano, and person at controls seemed to be Américo. Also 7/4 ancd they are trying to get offl license in Lima. Close w/NA 0319, w/ancr shouting afterwards "¡Viva el Perú y viva Pacae!"

R Ondas del Huallaga, Huánuco, 6662.8, hrd this 2nd harm 3331.4, 22/3 0225.

R Utcubamba, Bagua Grande, Amazonas, 6348.5, first hrd w/crionlla and huayno mx, G sig 22/3 0127. So another Pv in this range between Huallaga and Estación C! Seems Cajamarcan, but could be another stn in selvatic dept of San Martín. Wait--also trop mx. Huallaga at same time on 6362.8; C on 6323.6. C has best signal of all, and Huallaga the weakest. However this new stn very poor at mic tirades, notably better in mx pieces. Surely need adjustments, after beginning opn today (I suppose). Hrd mentioning city of Bagua at 0138, and "en los estudios de Radio Utcubamba, 8:40." At 0143 hrd "Este fin de semana tropicalizamos su ambiente, a través de Rrrradio Utcubamba, 6345 kHz, banda de 49 metros" Anothr new one! Possibly related to the stn testing last year on 5264.0 w/out ID but w/slogan "...en las orillas del Río Utcubamba..." Or maybe no relation; lots of RITY QRM; closing w/full anmt Tue 26/3 0000* w/NA also.

R Acunta, Chota, Cajamarca, 5801.8 to 5801.7, now uses studio mics w/some kind of echo effect, giving distinctive style to ancr. As usual ancg "el canal 5800 kcs". Not on the air Sundays only as some NAM DXers suspect; indeed is daily tho irregular; and hrd 6/4 to 0300+!

R Origenes, San Martín, 5197.8, reactivated! First hrd after months of absence 29/3 2330 w/crionla mx, not so strong; QRM from V of Natl Army of Demo Kampuchea on 5199.4, which is always vy strong here in evenings. I mean reactivated because this same xmtr formerly used by R San Martín de Uchiza, inactive many months. IDs at 0030 as "la emisora de los éxitos, Radio Origenes." Mostly crionla and cumbia andina mx. Style of this stn, both in ancg and mx, is very soft, contrasting w/hard style of Caj stns; following day hrd from early in the morn. See R Imagen, below

R Mundo, Cuzco, Cuzco, 5120.4 has Sundays at 2300 a progressive-minded political pgm in SP and Quechua (first a F ancr reads a contry in SP, then a M ancr xltz into QC). This stn is one of the progressive and democratic minded stns in the SW Pv spectrum. Another is R Chota, 6296.1; R Esmeralda, Huanta (now closed by the regime) and others. The pgm is sponsored by the democratic coalition Izquierda Unida, to 2330.

R Bolívar, Bolívar, La Libertad, 4212.4. This is the name of the new stn w/the old xmtr of R Gran Pajatén (reported week before, above, as RGP, but now as new stn). All the characteristics as when used by GP, i.e. mostly LSB component, little USB, slightly unstable, and varying from fq to fq each day. Today 23/3 moving from 4212.4 to 4213.0. First hrd 0150, going til 0400*. 0200 a number spy stn in SP w/"atención, atención" callings hrd on USB 4210.9 for several minutes, giving a big het to R Bolívar. This new stn. unseems related to old R Bolívar hrd distorting in 5815-5885 range last year and during last months of 1983, tho could be reappearance of same entrepreneur, this time w/xmtr formerly used by GP. At one time referred in ID to RGP but unready to record it and lost meaning of the citation. Gave addr as Jirón Bolívar 702. Later: "transmitiendo en los 4200 kcs, desde la hermosa y progresista Provincia de Bolívar". Next day, early in the morn hrd on 4189.6. Also hrd ads for shops in city of Uchumarca, which is also in the north of La Lib dept like Bolívar. 4/4 at 2340 on 4155.4, exactly above the distorted Brazilian on 4155.7! The same thing happened when the Braz was arnd 4096 and RGP was also atop them! last year. 6/4 Bolívar was on 4156.7 and Braz on 4155.2, distorting as usual

R Nuevo Cajamarca, Nuevo Cajamarca, San Martín, 3908.7 to 3908.8 now drifting upwards surely to avoid heavy QRM of R El Porvenir, distorting and drifting arnd 3920 to 3935, 2/4

R Tayabamba, 3290; and R Cutervo, 3389.8--again I remind DXers worldwide of these two stns that are regular on the air daily w/VG sigs and in the clear, so why haven't I even seen a single report of them in the DX press? [Well, 2 pages back Don Moore reports them, but also from Perú...] R América, Lima, 3239.6 reactivated after long absence, 2/4 0040

unID Pv Catholic stn on 6726.4, first hrd Thurs 4/4 w/religious pgm, mostly USB, little LSB tho AM, C mod, VG strength. Don't confuse w/Satélite, always on 6724.5. Xmtr easily identifiable, vy diff from Satélite's. Perhaps some RC opn, just for Easter? Only soft mx and relig contries. All from + 2205 first check; 2220 finishing relig pgm, but few mins later more 'sermones'. Satl w/amazing sig at 2311 making this new stn tremor. Of course solid and all around het. If they have so much space available, why choose a fq just 2 kHz away from another stn? Four S units advantage for Satélite; closing w/NA at 2330, but unable to catch ID; carrier til 2331*. Following day hrd at first check 1635 on 6726; usual G sig; still w/relig pgms, gone after 2200

R Selva, Moyobamba, San Martín, 6698.8. First hrd here 8/4 1940, when searching for the stn above. Lots of ads for Moyobamba, so clearly well established stn. R Selva has been missing from 7195.7 for sevl weeks. 1956 big & full ID as "R Selva, la diferencia en radio, marcando rumbos en la rdif peruana". Later, "para el mundo y el Perú, por el canal 6425 kHz de R Selva, presentamos..." a cumbias pgm. As you can see, typical of Pv radio media, they have very little idea where they are on the dial. I suppose that listening on a crude set they think they are near Estación C on 6323.6 so they think they are on 6425. Possibly this was same stn hrd several days before for Easter on 6726 and 7026 w/totally religiouspgms; perhaps now resuming its comml opn after festivities, on another fq to avoid Satélite? I'm near sure because xmtr characteristic vy similar and I remember that some time ago R Selva was related to the RC priests there. Varies to 6699.2, hrd til 0200+

unID distorted Pv stn, Cajama, on 5669.8 apx, first hrd w/totally distorted sig & Ecuadorian mx 6/4 0000; reasonably strong and easily understandable in AM detexion, not so in SSB. Varying down to 5660 etc, later up to 5666 etc; should be Cajamarcan.

R San Francisco, Cajamarca, 5513-5517 hrd distorting and wandering 7/4 +2130-2210* Name of pgm to 2200 is "La hora del recuerdo" F ancr, hrd IDs at 2200 as RSF, ancg 5500 kHz, so it's our old distorted friend from Bambamarca area; closing after many

repeated closing anmts at 2210.

R Imagen, Tarapoto, San Martín, 5199.1. First hrd here while searching for R Orígenes, 6/4 2350 w/relay of a meeting for the upcoming elections. Amazing 30 over 9 sig, and perfect mod also. Totally covering VONADK about 300 Hz above. The meeting was in Tarapoto, so perhaps stn there? 0058 end xmsn of meeting and ID "R Imagen, 11-60, la radio que está en todas, Imagen, por supuesto". Had been missing from 5444.0 for about a month. Will be vy difficult for Orígenes to be hrd here. Next day tried for Orígenes and hrd them but absolutely unreadable u/Imagen. So big was the strength diff between the stns that no het was noticeable even tho 1.3 kHz apart. Night before (morning of 7/4) Imagen till 0630+, possibly 24h. Also hrd AN was R Mundo, Cuzco 5120.4. Sometimes Orígenes improves a little its power, becoming at same level as Imagen, and giving a pretty good het to both sigs.

R Orígenes [more], Uchiza, San Martín, 5197.8, ancd 8/4 that in next days they'd begin opns on MW (called AM of course) // SW. Slogan: "R Orígenes, una radio nacida para los de Uchiza". Possibly the name is related to the fact that near that city the river Ucayali becomes a big river

R Central, Bellavista, Huallaga, San Martín, new fq 4875.8! Xmsn of fútbol between Sport Progreso de Tocache, and Deportivo Unidad de Bellavista. // R Visión de Juanjuf but inactive on SW 5359.6. Lots of ads for Bellavista and Juanjuf; 7/4 +2000-2330+, ancg 1000 & 4920

R San Juan de Caraz, Caraz, Ancash, 4732.1 now here w/improved mod, 7/4

R Yungay Yungay, Ancash, 3037.7, now closes w/NA at 2305* to return at *1300

(Juan Carlos Codina, still in Lima, Perú)

R San Martín de Uchiza, 5199.2, 0450-0502* 13/4, salsa mx, ID & w/off, low mod, SI-NPO 22222 (Gary C Hickerson, Ft Smith AR) R del Pacífico, 9675, 1100 19/3 w/2 positive IDs (Chuck Oliver, Spring TX) Some recently reported fqs are axually harmonics or mixing products: R Moquegua 9651 = 2 x 4825.5; R Tacna 6562 = 9486 - (2 x 1462). QTH of R Urcubamba is probably Bagua Grande, 20 mi S of Bagua; I think gh said Agua. R Victoria, 6020, hrd again 7/4 after long absence, from 0510 Pv & LAm songs, full ID at 0558*: GMT Sun when fq was clear (Ernie Behr, Ont) Estación 2000, Rioja, San Martín, amazing sig on 9988.3, best ever 10/4 0109 t/in past 0200 w/political rally of some sort, 4 days before OA elections. Talks before cheering crowd; many ments of Rioja, so apparently a local event (John Wilkins, Wheat Ridge CO)

R Eco, 5010, 0054-0156 18/3, G sig, but no IDs in an hour! Really thought this was R Surcolombiana for a while; M ancr yelled "Colombia, Colombia, Colombia" at 0100, followed by sports mx w/ments of Bucaramanga, Bogotá, Cali. Lengthy report on scores from Spain. Had me baffled til 0150 began talking about Lima & Iquitos, then hilites of Perú/Bolivia fgbol clash. Quick "R Eco" ID at 0156, enabling me to finally t/out: (Steve Reinstein, Miramar, DXSF)

PHILIPPINES Per sked from FEBC R Intl, the Computer Pgm can be hrd Suns 0255 & 0555, Sats 0355 & 0655. RVA has EG 02-0230 15195, 15-1530 9675; DX pgm is Sat 0200-0218 (Rajesh R Desai, Feb IDXCI)

POLAND R Polonia, 9675, hrd 1730-1759* in EG 18/3; same time on 9540 w/diff EG pgm. but 24/3 had Scand on 9675 from 1730 (Ernie Behr, Ont) Yeah, weekends only

PORTUGAL 21745 is the highest fq listed for RFE/RL during April w/March llmb opns deleted. Sked 15-20 BG, 250 kW from Glória (Bob Padula, ADXN)

QATAR Doha plans this for J85, ITU THFBS: 11820 1730-2130, 15265 0245-07 & 13-1730. 17830 09-13, 15265 1730-2130, all 250 kW (Bob Padula, ADXN) [et al.] Saudi nx agcy reported 12/3 that bcng ofcls of the 6-nation GCC'd begun first meeting in Riyad to discuss a Qatari working paper on the joint xmsn of the V of the GCC radio (WBI 21/3) QBS continues carrying V of the Coop Council for Doha (Arabic: "Sawt Majlis al-Ta'awun min al-Dawhah") from 0830 to 1030 daily exc Fris on 954 ard 675. Kuwait R now also lnx up w/this svc on 1134 until 1000. V of the UAE, Abu Dhabi carries the whole svc on 657, while Bahrain radio in Manama takes just the first hour of svc on 2nd pgm fq 612 kHz (WBI 11/4) Keeping you advised since this could well turn up on SW outlets (gh) Currently hearing QBS: 0600 11805, by 0825 switches to 17830; 1300 to 15265, 1715-2130 on 9905 (Noel Green, Swiss SW MGR 13/4)

Saipan KFBS tent J85 per ITU THFBS: 6040 14-16, 9510 1230-13, 9520 13-16, 9525 16-18, 9600 12-14, 9620 14-16, 9685 09-12, 9735 16-20, 11735 21-23, 11745 09-11 11835 16-17, 11935 17-1730, 15125 10-1230 & 22-24, 15415 00-01, 17840 01-03, 17875 00-03. Note that 15415 17840 17875 are intended for India/Pakistan (Bob Padula, ADXN Apr)

SA'UDI ARABIA 9703 replaced by 4980, Sun-Fri 08-14, Sat 11-14; also 100 kW 06(Sun 05) -08 (Richard Ginbey, RSA, RNMN 11/4) Diriyya, J85 THFBS: 6000 10-23 & 03-0730. 7220 10-23 & 03-0730. 9720/11950 10-23 & 03-0730. Jeddah: 7290 10-23 & 03-0830; 11855 05-07, 10-13, 15-21. 11870 05-15. Riyadh: 7145 15-16, 7195 03-05, 7210 18-21, 9655 19-21. 9665 17-2130, 9730 15-16 & 17-18, 11720 04-05, 11730 05-07 & 12-15, 11740 17-20,

11760 15-17, 11800 20-23, 11910 17-18, 11915 16-17, 15245 18-19, 15335 15-17, 15345 12-15, 15370 03-05 & 11-17, 15410 04-06, 17720 10-12, 17740 05-07, 21495 07-12.

Note: the OOB fqs are generally 5875 ("6000"), 9870/9885 ("9665"), 11685 ("11720") and 15060 ("15415" & "15370") (Bob Padula, ADXN) So why don't they say so? Whom do they think they're fooling? --the ITU bureaucrats who never turn on a radio...

SOMALIA R Mogadishu, tent on 6791.4, 12/3 0345-0400f, strange sounding string mx; no positive ID but f/out time fits, and close to previous Som fq; should be checked further (Bob Rankin, KS, OMCDC DX Log) Guess what? A Peruvian fq too; qv

SUDAN Sudanese radio from Omdurman currently hrd w/DS in AR on 5038.8 (WBI 11/4)

SWAZILAND Swazi Radio, 4980, 0455-0540 f/out 31/3, E, tnx to tip on RMMN, tuned in to instl IS, ID 0500 and ancd 4980 and 9704 which was not hrd here. Also said this is spl Sunday morning xmsn; instl pgming 0500-0530; should provide F-G reception to NAM (Artie Bigley, San Antonio TX)

SWITZERLAND Most unusual registration in J85 ITU THFBS for Schwarzenburg xmtr 150 kW on 5980, 6190 2115-2200, and on 9680 11750 11830 2015-2100. Intended area of reception is "27n" which is the UK! I have no idea at all as to what is intended here, and may be something new in the pipeline from the SBC (Bob Padula, Apr ADXN). Indeed, everything is new, from the pgm sked to the transmission sked, as revealed in the PT 's final J85 sked: 6190 2130-2200 is new EG xmsn for UKOGBANI; 2030-2100 are really 11750 in PT and 9680 in SP to SWEu. Gone are the days of ½-hour xmsns starting at :15 or :45 past the hour; now they're at :00 or :30, but each block of xmsns to each target area, usually but not always starting w/EG, is preceded by a 15-min block of Misc/Rumantsch/Esperanto/or end-of-month RCBS pgms. As predicted here earlier, the morning bc for NAM has been dropped; now retimed to 1330 & you can try fqs for elsewhere 17830 17785 15585 15570 11955; other EG: 1530 on 21770 17830 17570 15430 (note two new OOB fqs); 1830 on 9885 11955; 2130 on 12035 15570 9885. To NAM only: 0200 on 12035 9885 9725 6135 (& CAM 11925); 0400 on 15305 12035 9725 6135. First xmsns on new day to AuAs may also be audible on lowest fq 9560 at 0830 & 1030; also on 17830 15570 15305; 9560 is on same beam as 11925 at 0200. At 1100 on 17830 11795 15585 15570. Altho EG is generally on all the fqs in a given xmsn block, other langs may split up the group, some in FR, others IT; some in GM, others SP, etc. The non-dir xmsn to Eu now has EG at times which do not coincide w/direxional xmsns: on 3985, 6165, 9535 at 0630, 1200, 1700. At 1200 also on 12030. The 500 kW xmtr usage is: 0145-0330 9725 NAM, 0345-0600 9725 NAM, 0745-1030 15570 AuAs, 1045-1300 15570 FE, 1315-1500 17785 S/EAs, 1515-1700 17830 NE/Eaf, 1715-1830 17830 NE/Eaf, 1900-2000 15420 Af, 2030-2215 9885 Af, 2245-0130 15305 SAM.

Red Cross Broadcasting Svc, as indicated above, is on a completely new sked & for the first time in EG to NAM. Fqs are same as given above for xmsn starting after these times. Mons 27/5, 1/7, 29/7, 26/8 and Thurs 30/5, 4/7, 1/8, 29/8: 0740-0757, 1040-1057, 1310-1327, 1710-1727[this one mixed w/FR]; 0340-0357 being the NAM one tho favoring the west w/beams, and on the following UTC days Tue & Fri. The same night's prelude to 0200 xmsn has RCBS in SP. Also in PT at 2240-2257 on 9885 12035 15305 15570; AR 1510-1527; FR/ET 2200-2217 12035 15570 9885; and non-dir to Eu as before on 7210 Suns 1100-1240 & Mons 1700-1840 preceding above dates, in EG/FR/GM/SP

SYRIA SARBS hrd on 15435 since 13/3, from 1907 FR, 2007 EG; 25/3 also // (gh)
12085 to 2101*, vy strong; wonder if this is a 3rd xmtr, since AR pgm used to be on 7430 all day. RS pgm hrd on 11965 *1800-1830*, over RFI 25/3 (Ernie Behr, Ont) 2005 EG ancd on 15435, but some days hrd on both that and 12085 (gh) 12085 ending EG at 2104 30/3, anthem & off 2105 (David Alpert, NY) 12085 excellent sig w/AR mx, FR ballad, 1929 FR mx, 06c w/"Flight of the Bumblebee" orch version. 1935 FR soft rock mx. 2005 had EG but signal down to nearly unintelligible by then in QRN and ute QRM, 20/3 (Bob Palmer, Spokane WA)

TAIWAN WYFR via VOFC J85 relays listed: 7315 CH 1110-1520, 9845 CH 21-22 & 1110-1520, 15025 RS 15-17. 15035 EG to India 13-16 & EG to China 21-23 (Bob Padula, Matthew Francis, Ben Veenkamp, Apr ADXN)

TANZANIA R Tanzania, 9749, 9/4 0350 f/in to 0430*, ES in EG, back here after 3 wks on 9684; when they were on 9684, they ancd they were using 1035 and 9749, so maybe a switch up error? (Artie Bigley, San Antonio TX) They didn't call it 9750? (gh)

TURKEY VOT ancd it'd incr TK to Balkans by an hour daily to 6 from 2/4; currently 07-12; then 06-08 on 5995, 20-24 on 5970; believed to be Turkish time rather than GMT (WBI 4/4) Monitoring shows VOT w/sep svc in TK to Balkans 04-06 on 5995, 18-22 on 5970. Pgms 3/4 concentrated on 'plight' of TK-speaking minority in Bulgaria (WBI 11/4) Well after 1/4, VOT in EG confirmed still on 9560 to NAM at 2300 & 0400; but when checked 21/4 at 2315, 9560 was in TK, so I suspect another time change moving them back to 2200 & 0300 (gh) Confirmed 0300 24/3, and others ancd hour earlier too

U S S R Alma Ata, 5035, presumed 0042-0048 6/4 w/MW talking in ME type lang w/ some RS names thrown in; F. 5960 noted 0055-0101 F over RCI, woman w/opera, ID "Govorit Alma Ata," RS nx. 5970 at 0101-0103 // 5960 w/RS nx, neither // 5035. 5970 strongest but R El Sol, Ldma, even stronger. Also unID timesig on 4996, 6/4 0040, better than WWV on 5 MHz; gone at 0114. Believe Soviet stn, but don't have list to check (Don Moore, Calama, Chile)

Murmansk, 5930, 14/3 0520-0547. Local nx in RS to 0529, then ID, vy clear "Govorit Murmansk" and local piano mx pgm; rejoined Moscow 0545. Distinctive local IS for Murmansk audible at 0515 daily at beginning of lcl pgm even when the voice audio is too weak to copy; fair when geomag field is quiet (Bob Rankin, KS, OMDC DK Log) Now presumably does that one hour earlier; and would be well after sunrise (gh)

R Stn Tikhy Okean, 17850 EG nx 0845 16/3 (Finn Steilmach, S Australia, ADXN) Only on Sats and not necessarily from Vladivostok xmtrs (Mick Ogrizek, ed, ADXN) hr earlier now? R Tashkent since 31/3 at 1200-1230 in EG on 15115 11785 9715 9650 7340, as ancd (Glenn Durden, Vic, RA Talkback 7/4) & presumably same at new repeat time of 1330-1400; rather, separate pgm, not repeat; at 1200 I occasionally hear them on 7340, 9650 or 9715; but WRNO blox on Suns, and I think RCI on weekdays; HCJB every day (gh) R Vilnius on new 9880 since 3/4, from *2200 EG, // 9685. RMoscow on 9865, from *1700 EG, 1800 PT & SP to 2300 13/3. R Yerevan on 9795 from *2030 in Armenian, 2100 Mosc RS, 4/4 (Ernie Behr, Ont)

From 1/4 thru 14/4, R Moscow NAM svc monitored as follows: 22-23 (15140) 15425 (15450, 15630) 13635 12050 9520 9665 9720 9765 9780 7115 7150 7195 7325 7335. 23-24 (15140) 15425 (15450 15630) 13635 12050 9720 9765 9780 7115 7150 7165 7195 7325 7335. 00-01 same plus 6115. 01-02 (15140) 15425 (15450) 15630 13635 12050 9720 9765 9780 7115 7150 7165 7195 7325 6115. 02-03 (15140) 15425 15630 13635 12050 9700 9720 9765 9780 7115 7150 7165 7325 6115 (Pierre F Roberge, Ottawa, Ont) Fqs in () ancd not hrd

[Cf Apr LN] Sov radio svcs returned to normal sked pgms at beginning of bc day immediately following relay of funeral for Chernenko 13/3 (WBI 21/3) Since 31/3, SU started using fqs in block just below 17700 kHz for first time. Proposed 22mb, 13600 to 13800 continues used w/up to nine diff channels traced so far; SU has used blox of fqs immediately adjacent to 19, 25, 31, 41, 49mb for many years (WBI 4/4)

Results of poll carried out by USSR State Committee for TV & Radio Being (Gostelradio) covering all svcs included this portion on Mayak: Had built up regular audience, mainly young people at school or studying, young workers, engineering and tech workers, and middle-aged people. Majority attracted by Mayak reporting quickly events in the country and abroad, and by its continuous service; Mayak attracted young listeners because svc contained lots of mx. The times when Mayak had its largest audience fell into 3 timespans: 07-08, 12-13, 19-20; different on non-working days w/just one peak in morn 10-11 (all Moscow time) (WBI 18/4) see also CUBA

U A E [Cf Apr LN] I did make a mistake on stn name on 9850 10/3--should have been V of UAE, Abu Dhabi, not R Dubai (Gary Hickerson, Ft Smith AR) No sign of Abu Dhabi on 9850; Cairo is here in AR to 2600* 24/3 (Ernie Behr, Ont) Tested last month 06-10 on 15490 to Eu but gone again (Noel Green, Swiss SWMGR 13/4) UAE Radio, Dubai, J85 tent ITU THFBS sked: 7185 13-21=not daily. 9550 0230-0415=not daily. 9640 11-13=not daily. Rest are: 11730 0230-0415. 11955 0415-11. 15300 15-21. 15320 14-21. 15325 0615-09. 15435 0230-0615. 17775 0230-0415 & 0615-15. 17830 0415-0615. 21605 09-17. 21695 10-14. 21700 0415-0615 (Bob Padula, ADXN) So 0330 EG NAM'd be: 17775 15435 & 11730, maybe 9550; I wonder if they'll actually use 16m this year and if it'll work

U K O G B A N I Spectrum World Broadcasting was set up in late 1983 as a low-power world bcg facility, not only for entertaining and informative pgming but also the chance to exploit DXing experience by successfully logging our stn. 1984 was particularly successful; up to Nov, over 260 reports rxd, including 100 for Easter marathon, a totally new concept in that a svc was on 3 channels, some 24h, and were hrd even h NZ, 19 Mn away, a QRP record. This year we will be changing over to SSB for our global svc on fqs from 3.9 to 13 MHz. Sked bcs: every Sun to Eu on 6240 AM; 0900 Breakfast w/Bob Earle--nx, info, great misak[stc], unique form of humour and sarcasm; 1000 Hello World w/Gerry Sinclair, mini-features incl DK Corner, Top 250, Mbg, and other fab items at budget rates. In addn these pgms can be hrd on Suns in our svc to AuAs & Nam 04-06 or 05-07; all reception reports welcome; constructive criticism on pgming welcome, rp in IRCs appreciated, to Spectrum World, 134 Eastworth Rd, Chertsey, Surrey, England KT16 8DT. Late nx: trial series of SSB bcs during Mar & Apr, possibly daily; check 3905-3940 LSB 01-07 (00-06 in Apr+), alt ft 7350-7370 LSB may be substituted. Results of the Xmas holiday marathon: 3905: severe TVI caused us to alter time from 16-24 to 0030-0830; sorry about that but we did get quite a few Scandinavian reports arnd 0100 w/excellent reception. 6240 replaced 6272 because a live pgm feed could not be arranged; therefore a taped 3-min annt here gave IDs in 3 langs & addr; over 240 reports from all over Eu from 0700 up to 0100. 7710 again all over

Eu, many reports indicating prop was poor except on one day. 9967 replaced 9940 owing to QRM [LV del CID?]; hrd in Scandinavia arnd 1200. 13735: apart from 3 UK groundwave reports, not a single report from anywhere; a complete mystery in view of the high power and good antenna. As for our trial bcs to NAM in Mar & Apr-- , reception in US should be possible on 3905 or thereabouts, as we hear many US hms on 80m arnd 0000; hamband stops at 3900 in the UK. We will be using 2 kW (Gerry Sinclair, SWB, 27/2; unfortunately delayed in forwarding to me -gh)

BBC WS noted on unusual channel 12065 11/3 2105, not on usual 12095 (Padula, ADXN) BBC feeder on 9323 USB, 20/3 0000 (Chuck Oliver, Spring TX) Lang? (gh) BBCWS on 7/4 hrd at 1600 w/EG nx on 9760 9750- 9740 9515 all strong; 9760 and 9750 until 1614*- what sites? (Ernie Behr, Ont) May London Calling says 9760 & 9750 UK, 9740 Singapore, 9515 Sackville (gh) 500 kW xmtr being tested at Rampisham w/WS at 1000 on 6045; 5990 at 1330; other test fqs are 6095 7150 7325 9915 21620 21695 25750 (Noel Green, UKOGBANI, Swiss SWMGR 13/4) BBC World and forn lang svcs now have a record 120megalisteners, per a major independent survey. Confirmed BBC's place as the most popular overseas bcr. Studies by RBL Overseas Research suggested that the biggest gains have been made by the newest & smallest Pashto svc which is followed by 80% of the male population among Afghan refugees in camps in Pakistan. The svc was introed 4 yrs ago after the Russian invasion stopped the regular supply of Pashto tapes from London (Daily Telegraph & Mike Barraclough, WDXC Contact)

U S A WORLD OF RADIO on WRNO is now sked: GMT Sats 0430 on 6185, GMT Suns 0130 on 7355, Suns 1300 on 9715. The last fq has been giving much improved service over 11965, but may have to be changed sometime this summer to another 9 MHz channel; 11965 also might change to another 11 MHz channel from this initial J85 sked for WRNO: 1500-1700 11965, 17-22 15420, 22-24 11890, 00-03 7355, 03-05 6185; Sundays also 05-11 6185, 11-1330 9715, 1330-15 11965 (gh)

RNMN pgm repor_ted 11/4 that VOA'd issued a press release indicating its audience 'd increased by 10 mega to 120 megalisteners a week. In a Wash statement issued before the BBC's claim of 120 megalisteners too [above], VOA dir-designate said estimate was on low side as didn't incl people primarily in Af & LAm who listened to VOA pgms relayed by local stns. VOA also ancd incr of daily bcs in AR, TK, PT to Af, bringing to total of over 1000 pgm hours a week for first time in 30 yrs. Further major expansion planned in SP & AR later this yr and in doing so more xmtrs had been purchased from the British company Marconi, to be installed in Greenville NC; and in the UK, the VOA stn at Woofferton had extended output and cut back the number of BBC pgms transmitted (WBI 18/4)

AFRTS SW fqs effective 1/4: Eu 09-11 9590, 11-01 15430, 01-07 6030; first two Gvl & last Bethany. ME from Munich: 07-11 15400, 11-13 15265. Af from Bethany: 09-11 9530, 11-17 15330, 17-23 15345, 23-07 11790. Carib: 09-13 6030G, 13-02 15330 B, 02-07 6030B. EAs from Delano: 10-17 11805, 17-22 15345, 22-0430 21570, 0430-07 15330; 10-18 9700, 18-07 17765. SEAs from Porp Pt Philippines: 01-14 21670, 14-01 11890 (gh) AFRTS hrd on 4402.2 LSB, // 6030 and 11790 but w/slight satl delay, EST evenings; first noted 10/3 & several times since but not nightly; seems best arnd 0500; stays on past 0700 when 6030 & 11790 s/off. I believe this to be a US military "Milcast" xmsn similar to that SSB AFRTS relay occasionally observed on 9242.5, from Wolvey (Crough-ton), England. Milcast sigs typically include AFRTS voice on LSB, and multiple RTTY channls, including AP & UPI on USB (David Alpert, NY NY)

WLK, Bethel PA, hopes to resume testing 50 kW xmtr next week; on 15110 or 15250 irreg. Engr Gary McKevin(sp?) says they have got type-approval from FCC (RNMN 28/3) WLK was testing 15110 yesterday; 50 kW at 1800, but they're not finished yet as the fq synthesizer is acting up (RNMN 11/4) Still unhrd here; pse call me when it's on? (gh) KCBI, Dallas TX, proposed J85 sked per ITU THFBS: 11790 19-22 & non-daily at 1645-18 [i.e. Sundays]; 11910 00-04, 11945 18-19. KHVH [sic, means KVQH?] Rancho Si-mi CA proposed J85 [& target date is 4 July], 6005 06-08, 9755 04-06, 15120 22-24, 17775 16-22, 17830 16-22-not daily, 11970 00-03 (Bob Padula, ADXN Apr)

There's a new application for a 100 kW SW stn to SAM/Eu from an Indianapolis sub-urb by 1986 filed by Rev Lester Summerall; and for a C&W stn to Eu in the last quarter of 1985 from Presque Isle ME (Joe Hanlon, PA, SCDX 2/4)

For past couple of nights I've been hearing KWSH, Wewoka OK on 2520, 2 x 1260; ancd said they were having trouble w/xmtr & couldn't get it into nitetime pattern, 13-14/3 all ev, giving me S9 (Chuck Oliver, Spring TX)

URUGUAY R Oriental, 11735, from 2330 ads & nx, 2343 definite "Oriental" ID, but during nx at 0003 clearly mentd "Montecarlo"; fair sig 31/3; what is going on here? Mar LN-23 also lists Montecarlo at this time. On 9595 hrd SP tlk, sports & mx to 04 f/out 15/3 only, probably R Montecarlo at this time, but no ID (Ernie Behr, Ont) The two are at the same addr, probably jointly owned, so pgming on SW can be easily inter-changed (gh) R Oriental now hrd on 11735.1 till 0300+ 26/3 (J C Codina, Peru)

VIETNAM Hanoi HS on 5920 or alt 5019 is not 24h but 22-02, 04-0630 & 09-1530 (Yoshinori Kato via Andy Sennitt, RMN 18/4)

YEMEN SOUTHEAST R of the PDRY, Aden, ancd that from 6/4 it'd bc daily exc Fris 02-06 & 11-21; Fris 03-21; previously was 03-07 & 11-22, Fri 03-22 (WBI 11/4) On 6005 and/or 11770 (gh)

ZAIRE AZAP nx agcy reported 18/3 that for nearly one week now radio bcs from VOZ natl stn in Kinshasa had been received in Kitwit and in the Kwilu and Kwango sub-regions. This brought to an end the serious troubles the local inhabitants had had in getting info direct from Kinshasa radio. Natl radio had not been hrd in those regions since middle of last Feb (WBI 28/3) Due to the following? (gh) Kinshasa is back on 15245, G in Eu 19-22; also try 07-08 (Finn Krone, AWR DX, via WDXC Contact)

R Candip now sked: 5066 M-F 0330-0545, 1330-19; Sa 0330-0545 & 1030-19; Su 0330-19. On 3390 daily 0330-0545 & 1530-19; 7150 M-F 1330 1530, Sa 1030-1530 & Su 0545-1530 (Finn Krone, DSWCI SW News March)

ZAMBIA R Zambia hrd one Sunday on 8948, 1050-1230; origin of this misatuning unk, as 9505 11880 and 17895 were all off the air (Richard Ginbey, RSA, RMN 11/4)

ZIMBABWE ZBC quoted Deputy Minister of Info, Posts & Telecomms at the opening of a ZBC Radio 4 production course in Harare that the govt was looking into possibility of developing external services to counteract 'info aggression from racist S Africa and other forn nx media which distort info about Zimbabwe'. The Deputy Min pointed out that 'Pretoria' was beaming R Truth (a cland hostil to Zimb govt), and R Venda (SABC DS for listeners speaking Venda) to some parts of country in order to divide Zimbabwean [sic] and cause instability (WBI 18/4)

CLANDESTINE CRANNY Voz da Verdade 8/4, hrd this on 4950 USB, vy strong *0300-0352 w/PT pop songs; from 0352 suddenly R Quince de Septiembre w/NA & SP pgm to 0538*; same level & did not notice any break or overlap (Ernie Behr, Kenora Ont) 2/4, *0300 on 4950, M in PT, s/on, NA, many ments of Angola, rock mx, sevral IDs, weak but very clear, best in EGSS[sic], SINPO 23332 (Ft Smith's Gary Hickerson), V of Truth, from South Africa, now signing off rather than on at 0330, then 25 mins of mx on 4950 USB. Lately, this and R Truth 5015, and Spanish stn for Cubans on 6045 are back to AM mode (Richard Ginbey, RSA, RMN 11/4) RIB 98 has a long historical piece, month by month of SAF based clands

V of the Sudanese Popular Revolution, in AR hostile to now-deposed Pres Numayri of Sudan, from xmtr in Libya on 17940, obs 5/4 and since on extended sked; normally *1430, but 5/4 + on the air as early as 0614; 9/4 past normal 1730*. But 17940 sigs f/out 2015, and exact s/off time unk. 10/4, *0400. In Feb, VOSPR gave up one hour of its bc time (16-17) to R SPLA, which also bcs from xmtr in Ethiopia. However, 5/4, 6/4, 7/4, 8/4, 9/4, R SPLA pgms not carried; VOSPR pgms instead (WBI 11/4) VOSPR ancd 11/3 that xmsns continued 24h on 17940 w/nx every two hours. Expresses support for uprising in Sudan and calls for pressure on Egyptian Pres to hand over deposed Sudanese Pres Numayri for trial. This Libya-based stn still does not carry pgms by R SPLA. However, the latter continues to bc from xmtr in Ethiopia (WBI 18/4)

V of Libyan People, 11640 //15040, contd as usual after Sudan coup; hrd 7/4 in AR 18-2003* & 2030-2225*, but 8/4 was off. Suspect this is coming from Saudi Arabia, maybe via old Jeddah xmtrs, since they were jamming Libyan fqs w/Saudi pgms since early 1982, until VOLP appeared later that year; use of hi fqs also indicates a distant location, and Saudi on 15060 is gone since VOLP began using 15040 in June 84 (Ernie Behr, Kenora Ont) Recent monitoring check of this stn hostile to Gadhafi of Libya on behalf of the Natl Front for the Salvation of Libya from xmtrs believed to be located in the Sudan, has not been hrd at sked time or on sked fqs, i.e. 0430-0630 on 15040, 18-20 on 15040, 2030-2230 on 15040 & 11640 (WBI 18/4)

V of Vengeance, V of Holy Hatred Kuwaiti nx agcy KUNA reported from Tunis 30/3 that a cland svc covering parts of Tunisia was arousing interest in Tunis because of suspect slogans it was xmitting in AR to Tunisian citizens, calling on every one of them "who knows a Jew in his district to kill him, his family and close and distant cousins and to take over his property because it is lawful (BBCMS Ed Note: from a religious point of view) and permissible." KUNA said it was thought the world Zionist movement was behind financing of this; whereabouts of HQ unk. Purpose to arouse fear in Tunisian Jewish quarters and force them to flee and take refuge in occupied Palestine to bolster human resources in the Zionist entity. However, 2/4 KUNA reported that the Tunisian nxpaper 'al-Sabah' had accused Libyan govt of being behind this; political relations betw Tunisia and Libya'd enter new phase of tension because of this stn from the Zuwarah region of Libya; Libya claimed not to know anything about it. Monitored 2/4 2113 on 711 kHz, fq normally used by Libyan DS w/3 xmtrs listed in

EBU publications--Ghadamis (Ghadames), Sabbah (Sebha) and Yafran (Jefren). 2/4 bc contd t11 apx 2306; IDed in AR as "Sawt al-Tha'r, Sawt al-Hiqd al-Muqaddas" and called on people of all Arab countries, esp Tun & Morocco to commit anti-Semitic acts (WBI 4/4) Continues hrd on 711, 21-23 variable (WBI 11/4) 15/4, V of Palestine pgm via San'a bc PLO statement on this--said full of racism, hiding behind empty natl and Pan-Arab slogans, lamentations over destiny of Pal & Leb people and their suffering from evils of racist Zionist occupation, tyranny & terrorism. PLO wished to make clear that this method of black propaganda was same as used by Zionist radios during WWII against German Jews, betw 1947 & 1951 in Arab region, and exactly the same way that Zionist intelligence organs now incite Jews of Lebanon, Yemen, India. PLO condemned stn tho all indications were it was an Israel radio to spur emigration. Qadhafi was asked about this but said he did not know about it; however he had heard of such a stn in southern Lebanon. VOV appears to be hrd in WEU/NAF; in eastern Med only Greater Cairo Radio svc on 711 is hrd at the time VOV bcs (WBI 18/4)

V of Feda'i seems to replace V of the Iranian Communist Party; now hrd on 3941 // 4680 arnd +1700-1800+ at Finn Krone's in Denmark but not in England, on successive days, VG, no "Internationale" at s/off but coded numbers, maybe unmeaningful (John Campbell, RNMN 11/4) Hrd in March at 1700-1745* on 3941 // 4680 in AR, G (Krone, Play-DX)

R Iran Toilers, in Persian hostile to Khomeyni and the govt of Iran, from xmtr in Afghanistan on 6085, ancd 2/4 it'd be being from 6/4 at 16-17 & 0230-03 on 31 & 41m (WBI 4/4) Hrd since 6/4 at 0230-03, ex 0330-04, and 16-17 on 7200 & 6085; previously only one fq; both carry R Afgh DS & ES at other times (WBI 11/4) Persian ID is "Radio -ye Zahmatkeshan-e Iran; 1630 and 0230 xmsns are repeats of 1600; first hrd by BBCMS 7/7/84, but by a Japanese listener as early as 23/5/84; ancs postal addr of PO Box 49034, 10028 Stockholm 49, Sweden, the same as used by R Iran Courier (Peyk-e Iran) which closed down on 30/11/76 (WBI 11/4)

V of Tamil Eelam Sri Lankan EG-lang nxpaper 'Sun' reported 20/3 that the People's Lib'n Org of Tamil Eelam (PLOTE) had established a French connexion; now being xmt'd via radio of Palestinian group in France. Magazine 'Kunkuma' published in the Indian state of Tamil Nadu had published a sked for the group's bcs--Sun & Wed morns. Sun bc incl half hour in FR, rest TM. Alongside this, pix of PLOTE leader recording a msg to be relayed over VOTE (WBI 4/4)

V of the National Army of Democratic Kampuchea (Cambodian: Samleng Kangtoap Cheat -Kampuchea Pracheathippatai), supporting Coalition govt of Demo Kamp, hostile to present Phnom Penh regime and to Viet involvement, inaug'd bcs 14/2/83; now sked on 5200: 0030-01 VT, 0430-06 VT, 05-06 CB, 10-1330 CB, 1330-14 VT, 2315-2430 CB (WBI 4/4)

V of Malayan Democracy (Malay: Suara Demokrasi Malaya; Std Chinese: Ma-lai-ya min-zhu zhi-sheng), hostile to Mal govt and Sov/Viet influence in SEAs, pro-Peking, inaug'd 1/7/81, replacing V of the Malayan Revolution which ceased being 30/6/81, now sked on 8998 & 6700: 04-0445 ML, 0445-0515 Std CH, 1215-13 ML, 13-1330 Std CH (WBI 28/3)

Phoney CPBS, 7524, G sig but jammed, *1200; phoney pgming 1206-1209 & 1221*; can also be hrd on this fq 12-1225 Fri & Sat only; 15/3 (Isami Hyuga, Japan, ADXN) I.e. masquerades as Beijing DS (gh)

FLNKS I have been attending a rally of this anti-French nationalist mvmt of New Caledonia, held in Paris 29/1; ancd that it was planning a radio stn on the island as soon as necessary funds raised. Stands for Kanak Socialist National Liberation Front and launched last fall. When on the air, any correspondence likely to be acknowledged thru FLNKS office: Avenir Calédonien, 20 Rue Gambetta, 1ère Vallée du Tir, Nouméa New Caledonia (Jean-Yves Camus, France, March DSWCI SW News)

Radio Maquisaria, La Voz de las Fuerzas Armadas Revolucionarias de Colombia, per phone tip 7/4 from David Crawford, hrd on 10543,9 2112-2149*; clear ID by M as LV etc, political talk, some mx, ments of 'la guerra en este pais', 'trabajadores colombianos', 2146 annt of power and fqs, but not clear during fade; 2147 Colombian NA, 2150 carrier off. Prior to 2112 phone call, David hrd R Maquisaria ID. Sig G in AM mode at 2112 in Ft Lauderdale but subject to fading as time progressed. Cassell's FR dictionary defines Maquis "to take to the wood in order to make guerilla warfare; to go underground". During WWII this was the name of the guerrilla elements of the French Résistance mvmt against Nazi occupation (Bob Wilkner, DX South Florida) Tried for this several times since, but nothing hrd (gh)

R Free Suriname has a studio outside The Hague; formerly via a small stn in Venezuela but now via La Voz del CID, 9940 & 11680 for several weeks at 1930-1945 (RNMN 11/4) Time confirmed, an hour earlier than initially; something to do with Cuban DST 31/3?

R Monibó A clue to the origin of stn's female ancr: comparing her accent to that of Guat ancrs of Amerindian origin via R Tezulutlán, R Mam, LV de Nahualá, etc, I conclude she might be Miskito; any connexion w/inactive R Miskut? (C Zettl, Méx, RNM)

R 15 de Septiembre now on new 4950 USB, hrd 0400-0558* 7/4, maybe ex-6280 also on // 7194.9 DSB but other fqs not hrd [see also V da Verdade, topping CRANNY] (Ernie Behr, Kenora Ont) On new 6280 USB, 0400-0546*v, 31/3, // 7195 DSB, 5590 USB, 5570.4 DSB; 3/4 on 5565.4 instead (Behr) On 4950, 4/4 2238-2250+ SP M & W w/anti-commie theme; full ID by W, possible address in Puerto Rico; fair (Chuck Bolland, FL) Vy atrong on new 4950, 10/4 0441 0552*, editorials, many "1985 Año de La Verdad" and "Año de la Ofensiva Final" slogans; long list of "traidores" & "criminales" w/their adrs & physical descriptions, e.g. Víctor Fuentes of the Chinandega police, "alto, moreno, muy flaco, pelo crespo y negro..." Even gave description of his stn wagon. Good-bye Victor, it's been nice knowing you (John Wilkins, Wheat Ridge CO) On new 5980, 10/3 1207+, strong w/"Comando Informativo" & usual blare of sirens, // 7194.8, 5580, 5555.3, all G (Steven Reinstein, DXSF) On new 6280, 12/3 and since at 2248-2256 local quality w/std SP FDN fare, campesino mx; also arnd 0400 (Terry Krueger ") 2/4 at 2335 on 5565.3 and 5590.0, exactly 10 kHz above normal fqs (JC Codina, Lima)

La Voz de Sandino hrd on 5775 USB, 0400-0450*v 1/4, ute QRM (Ernie Behr, Ont)

R Venceremos, Morazán, El Salvador, w/faint sig 29/3 0012 on 3630.3 (Codina, Perú)

Spy Numbers Spanish arnd 6.8 MHz, reason to believe originating in Cuba, since buzz on fq just like that on R Habana Cuba, plus sidebands, e.g. 17750 at 1600; log was at 0936 on 6867, and comparable to RHC EG 0630 on 9525; power supply problem, it sounds like (Skip Thurman, Chicago, 5/4) Gypsy mx number stn on 5425.0 USB, 25/3 0010 w/ the well-known Romanian mx, and ending w/usual "Terminatt, Terrminatt" (Codina, Perú)

NORTH AMERICAN PIRATES

WMTV, 7425, 8/4 0305 typical rock mx, DJ John gave ID & Florida addr, Easter pgm (Gary C Hickerson, Ft Smith)

R Woodland Int'l, V of Nature, 7420-26, 6/4 0404 DJ talks about National Parks, etc, mx by Rush; mailing addr in Hilo HI (Gary C Hickerson, Ft Smith AR) Also hrd 18/2 0405-0408* arnd 7420; offered cassette of "The Woods are Alive" bc (Chris Bagge, MA)

R Holm, hrd on 7430 at 2300 16/3, ancd by W as "first bc", levels vary S2-S4 until 2325*; synthesized voice ID used, short story on Scotland, piano mx by Geo Winton. M corrects W on pronunciations at 2321; reception reports to Hilo Box 5074; W had foreign accent (Joe A Centko Jr, Sreator IL, WB9DQ) See why I contract it to forn?

KROK, 15/4 0040-0043* on 7436, able to ID despite QRM from the next one (Norfolk OK)

Pig Boy Radio, 15/4 0040-0049* on 7435 SSB with The Messenger and The Soldier; gave Battle Creek addr; "Old MacDonald" IS at s/off (John Norfolk, Oklahoma City OK)

WQTU, 15/4 0102-0120* on 7436, rock mx, poor w/CW, SSB & Woodpecker QRM (Norfolk OK)

KRZY, 7435, 7427, 7373 at different times. Claims xmtr will be on 6280 soon in addn to another for total of 3 simultaneously (Chip Cox, nr Chicago, 24/2) Most pirates seem to be Suns UTC 0000-0600, 2000-2359; KROK on 7427, 7435; Zeppelin R Worldwide on 7426; KAIR(?) Razorback Radio on 7435, WKUE on 7435, WPBR on 7430 MSB 0100 Mon (Cox)

LAST MINUTE ITEMS

ALBANIA Alb R carried amt of Enver Hoxha's death 1000 11/4, and in sked mx later, interspersed w/ funeral mx; s/off as sked abt 2050; 12/4 & since, DS continued *0250, 2050* w/armts at sked mx times, solemn mx in between; relay of funeral 0755-1117 15/4; ES sked unchanged, but pgming devoted to material on death of Hoxha (WBI 18/4)

BELGIUM RTBF summer sked: M-F 0330-0515 Eu/Af 11780 6040. Sat 04-0430 Eu/Af same. M-F 0430-0515 Eu/Af same. M-F 0530-0615 Af 17675 15210; Sat/Sun 0530-0945 Af same. M-F 0930-1030 Eu/Af 17680 5965; Sat/Sun 10-12 same incl DX pgm Sun 1130. M-F 1030-1045 GM Eu/Af 17680 5965; M-F 1045-12 Eu/Af 17680 5965. Sun 12-15 Eu/Af 21460 5965. 1500-1545 Eu/Af 21460 6050. 16-18 Af 17675 11780 incl DX pgm Fri 1630. 18-2015 Af 17680 11780. All in FR except as specified (WBI 18/4)

BOLIVIA R Libertad, Entre Ríos, Reyes, Beni, hrd on 3884.9 2/4 0000+ (Codina, Perú)

BRAZIL uhiD totally distorted 29/3 2355 in PT on 4155.6 apx, with marches as curtain between items; should be same one formerly on 4096 [see also main section] (Codina)

COLOMBIA CARACOL Carreño back on 5937.6, 26/3 0030-0230+ (Juan Carlos Codina, Perú)

INDONESIA RRI Jakarta National pgm now on new 11865 ex-11815, 22-01, 05-08, 10-1715. RRI Nabire to 1100* on daytime fq 6127; normally s/off much earlier; distinctive "Song of the Coconut Isles" hrd just before 1100 closedown (Peter Bunn, RA JP DX 14/4) RRI Ujung Pandang, 4719 9/3 1551-1559*, not using the famous "Love Ambon" tune any longer; in fact not for the last 6 months or so (Bernhard Gruendl, W Germany, OMD) WRT85 is pure nonsense in saying RPDs all now on MW. Biggest error they've made in years, hi. RPD2 Ngada now on 2900 ex-2904 arnd 1300+, no nx 1400. Don't confuse w/ RRI Mataram 2901 which *1530 for all-night svc, ex-3233. Also diff from unID E Javan RPD on 2897 w/Surabaya RRI mx 1400. 3411, RKPDKT2, E Java, new RPD stn here w/Sura-

baya nx 1400, G levels at times, ID of town name not yet confirmed but I do have a good lead. 2833 RPDT2, E Java, another new one usually 1450v* & ancs 106m. 3071 KKKPDT2 E Java, a 4th new unID well hrd most nights, but ID is garbled & doesn't fit any districts listed. 2681 RSPDT2 Batang, Jawa Tengah, tent the one at 1400 w/out regional nx, then into lagu hiburnan pgm (Indo EZL stuff), ID per E H Pranoto in Indonesia (Geoff Cosier, Melbourne, Australia, Apr WDXC Contact) ISRAEL below

LIECHTENSTEIN [Cf main section] R Liechtenstein, 7205, IDs in GM, no QTH given, 7/4 & 8/4 *0730-0930* ('CBA', Play-DX, Italy)

UNIDENTIFIED 5952, probably pirate, 0400-0602* Mon 11/3 GMT only, w/weak w/pop mx, QRM & het from RCI & DW to 0550 (Behr, Ont) 5553.4 Colombia? First hrd 27/3, not Quince de Sept which is always 5555.3; 0002 Ecuadorian or northern Peruvian mx; pgm called "Atardecer Campesino", or Bolivian? Or old missing LV del Cauca? Pgm at 0005 uses well-known Sousa march as curtain; very low sig here in Lima, and especially difficult to understand at mic tirades; at 0005 hrd the word Colombia, so... (Juan Carlos Codina, Per6)

4480 IAm stn, 22/3 evening, again 26/3 early afternoon, not hrd 23-25/3 (Codina)

3229.2 9/4 0129-0345+ SP M6W often w/reverb, 0138 SAM mx, TC, 0145 possible sporting event w/usual political[?] or yelling. 0156 M6W in loud conversation, no ID on hour. Also next morn 1035-1040 when f/out; poor; no guesses here (Chuck Bolland, FL)

PUBLICATIONS World DX Club, British-based serving the interest of radio enthusiasts worldwide in that it has membership on all 5 continents, in most English-speaking countries as well as many in mainland Europe, offers a svc to those in NAM- payment can be made in US funds to the NAM Secretary in any acceptable form. Dues have been reduced four times recently, due to relationship of pound sterling against American dollar, and not by reducing size or content of club's monthly bulletin Contact, which caters for most radio fans who follow the AM bc and SW bands w/90% of its content coming from members themselves and very little space towards reprints from other sources. Many radio stns have membership as do many employed in the industry including some w/BBC. Most top DXers in the Western world belong to the club and thus the feedback and comment w/in Contact can be considered worthwhile to say the least. Members encouraged to play a part by making at least one written contribution yearly; this way content becomes very worldly. Dues are \$14 for 12 issues by airmail; \$8 by surface; airmail takes less than one week from the UK; surface 3 weeks or so. Addr: Richard D'Angelo, 2216 Burkey Dr, Wyomissing PA 19610 (via D'Angelo) Glad to see Barraclough's LN-like column uncramped; (gh)

Review of International Broadcasting Issue 97, containing 'Shows We Like' sked is now out of stock, but those subscribing now will also be sent upon request a free copy of the 'SWL' pages. Issue 98 shows the curious logo of R Chortis; A Voice Abroad article on RCI; via FBIS edited by R Horvitz, bc developments in Botswana, Grenada, Iran, South Africa, Thailand. The World Through an R-70. column by Paul A Gilster, about value of WRTVH, logkeeping, a singular RSA reception; Listener Insights on Programming, program skeds and comments about Angola, Australia, Belgium, Bhutan, Bolivia, Canada, China, Cuba, Chile, Dominican Republic, Ecuador, Egypt, El Salvador, Finland, France, Gabon, Germany East & West, Hungary, Israel, Italy, Japan Korea S, Lebanon, Malaysia/Indonesia, Mexico, Mongolia, Netherlands, Nicaragua, Sri Lanka, Sweden, Switzerland, Tristan da Cunha, Turkey, United Arab Emirates, UKOGBANI, Uruguay, USA, USSR; Radio Equipment Forum, edited by David Newkirk, including 24 hour clox, SW car radios, RF lighting, ICF-2002 pulling, ICR-71A Passband tuning, ICF-4910. Domestic Information & Associated Listening--DIAL, edited by Kraig W Krist, on KERA, WRR, Payola, Weekend Edition, AM Stereo, Presunrise/Postsunset powers; network programming changes, syndication, Newmark. Complete BBC pgm for May: including minute-by-minute sked; update on English bcs/last minute info. Samples are \$1.50 in US, US\$1.75 in Canada, 6 IRCs elsewhere; specify Issue 98 if you want this one in particular. Subscriptions are \$18 in US, US\$21 in Canada; US\$22/24/26 elsewhere depending on zone. Remittances from abroad must be in US funds and on a US bank with standard magnetic code imprints; or via postal money order. Address: RIB, Box 490756, Ft Lauderdale, FL 33349 USA (gh)

CAMEROON Typo in April LN: 2045-2115, not 2145-2115 (gh)

ISRAEL ITIM nx agcy carried Interior Min annts 3/4 that DST'd start 14/4, GMT+3 in effect until 14/9 (WBI 11/4) IBA bcs an hour earlier confirmed, so EG's at 04, 10, 17, 19, 2130, 23, 00, 01. The 23 noted on 7410 not 7412 22/4, but due to RTTY on lo side, one must still step up to 7412 for best results (gh)

3229.2 unID above matches R El Sol de los Andes, PERU, qv Until the next, 73, Glenn

QSL



ADMIRALTY ISLANDS: Radio Manus 3315 p/d personal ltr. in 52 ds. v/s Raka Saini. (Forsgren-WI). p/d ltr. in 3 wks. for 2 IRC (Palmerheim-MN).

ALASKA: KNLS 6120 cd. in 2 mo. (Kusalik-ALB).

ALBANIA: Radio Tirana 7065 p/d cd. in 102 ds. (Forsgren). 6080 f/d cd. in 65 ds. (Schmitz-FRG).

ALGERIA: RTVA 17745 f/d cd. in 10 wks. (Schulman-TN).

ANGUILLA: Caribbean Beacon 1610 f/d cd. in 2 mo. for 3 IRCs. (Schulman-TN).

ANTIGUA: Deutsche Welle 6040 n/d cd. in 2 mo. (Schulman).

ARGENTINA: RAE 15345 f/d cd. w/ pennant in 70 ds. (Levison-PA). 11710 f/d cd. in 2 mo. for an EG rpt. (Schulman-TN).

ARMENIAN SSR: Radio Yerevan 11790 f/d cd. w/ pennant in 92 ds. (Speer-CA). 4990 f/d cd. w/ pennant in 66 ds. for an EG rpt. (Schmitz-FRG).

ASCENSION ISLAND: BBC 15400 n/d cd. in 45 ds. for 2 IRCs. (Renfrew). 11750 n/d cd. in 2 mo. (Schulman-TN).

ASIATIC RUSSIA: Radio Moscow 5900 via Kamchatsky f/d cd. in 58 ds. (Tow-AL).

AUSTRALIA: Radio Australia 9580 via Shepparton f/d "Talkback" cd. in 5 mo. for 3 IRCs. (Lare-MI). same in 5 mo. w/ T-Shirt. (Palmerheim-MN). same in 147 ds. w/ Kangaroo flag (how about a copy?) (D'Angelo-PA). f/d cd. in 30 ds. for 2 IRCs. (Kacir-MI). 6060 via Shepparton f/d "Seals" cd. in 33 ds. (Davisson-OH). 15320 cd. in 145 ds. (Speer-CA). 7240 f/d cd. in 1 mo. (Palmerheim). 7135 via Darwin f/d cd. in 42 ds. for 2 IRCs. (Wilkins) VLQ9 9660 via Bald Hills f/d "Map" cd. in 87 ds. for a tape and ms. (Sgrulletta-NY). VNG 4500 n/d folder cd. in 161 ds. for ms (Forsgren-WI). cd. in 3 mo. (Schulman). VLW9 9610 via Wanneroo f/d cd. in 23 ds. for 2 IRCs. (Kacir-MI). same in 1 mo. (Schulman). VLW15 15425 f/d cd. in 25 ds. (Forsgren). VLM4 4920 cd. in 87 ds. (Sgrulletta-NY). VLH9 9680 via Melbourne f/d cd. in 1 mo. w/ ms. and a taped rpt. (Sgrulletta-NY).

AUSTRIA: ORF 5945 f/d cd. in 2 mo. (Schulman). 6000 cd. in 58 ds. (Levison).

BANGLADESH: Radio Bangladesh 11935 n/d ltr. in 29 ds. for 3 IRCs. v/s Md. * Abdur Hashid, Station Engineer. (Foxy-VA).

BELGIUM: BRT 5910 f/d ltr. in 37 ds. (Davisson). cd. in 21 ds. (Levison). f/d ltr. in 9 wks. (Schulman). 17680 cd. w/ sticker in 18 ds. (Levison-PA).

BENIN: ORTB 4870 f/d cd. in 45 ds. for a FR rpt. and 2 IRCs. (Burnell-ONT).

BIAFRA: FRGN 6025 via Enugu f/d ltr. in 32 ds. (Tow-AL)

BONAIRE: Radio Nederland 6165 f/d "Studio" cd. in 33 ds. for 1 IRC. (Wilkins-CO). 17605 f/d cd. in 24 ds. (Levison-PA).

BRASIL: Radio Aparecida 11855 f/d "Studio" cd. in 30 ds. for a PT rpt. and ms. (Plum-NJ).

BAGHDAD, SAHMYA
15.1.7.1984

We acknowledge with thanks, receipt of your reception report of 19-4-84 on 9610 MHz Z1 meters on at 21.30-22.50 P.M.U.T. via Joe Talbot

We hope that you will continue to receive and enjoy our programme.

Radio Baghdad International
The Voice of the Republic of Iraq.

RADIO TELEVISION HONG KONG
(P O Box 70200, Kowloon Central Post Office, Hong Kong)
763

CHINESE RADIO PROGRAMMES — RADIO 1 690 KHz (AM)
via Mike Harris **RADIO 2 94 MHz (FM Stereo)**

ENGLISH RADIO PROGRAMMES — RADIO 3 367 365 KHz (AM)
RADIO 4 91 MHz (FM Stereo)
Radio 5 96 MHz (FM Mono)

Radio 1 - Radio 4
TRANSMISSION (BOTH SERVICES) 0600-0200 hours (Hong Kong Time)

Radio Television Hong Kong confirms your direct reception report on our programme broadcast on 3960 MHz/KHz and we forward the official QSL card with compliments.

*The transmission of 3960 KHz is a special weather broadcast for the South China Sea Typhl Race from 14.4.84 to 20.4.84 and from 23.4.84 to 29.4.84

GHANA BROADCASTING CORPORATION
P.O. BOX 1633
ACCRA, GHANA

via Dave Swaringen

Dear Sir/BROTHER,
Thank you for your reception report of our transmission(s) on 21.565 kHz heard at 1900 on 1530 G.M.T. on 19/1/75
We have pleasure in verifying your report which is much appreciated.

5th December, 1975
FR/875/581

BRASIL: Radio Nacional de Manaus 4845 f/d cd. in 18 wks. for a PT rpt. and 1 IRC. v/s Eudson Monteiro Lima, Auxiliar de Escritoria. (Gliksman-IL). same in 316 ds. for a PT rpt. and 1 IRC. (Dillon-MD). same in 34 ds. for a PT rpt. and ms. (Plum-NJ).
* **Radio Por um Mundo Melhor** 4855 f/d ltr. w/ postcard in 52 ds. for a PT rpt. (Barto-CT). **Radio Sociedade da Bahia** 11877 f/d ltr. for a 75 reception in 63 ds. for a PT rpt. v/s Djalma

* **Costa Lino, Gerente. (Barto-CT). Radio Alvorada Paritins** 4965 f/d ltr. in 52 ds. for a PT rpt. and 2 IRCs. v/s Raimunda Ribero da Silva, Directora-Gerente. (Schmitz-FRG).

CAMEROON: Radio Cameroon 4850 f/d "Map" cd. in 58 ds. for a FR rpt. and ms. (Foxx-VA). **Radio Bafoussam** 4000 prepared cds. in 1 yr. for a FR rpt. (Kusalik-ALB).

CANADA: CFRX 6070 f/d cd. in 72 ds. for 1 IRC. (Brouillette-IL). same in 2 mo. (Stuart-OK). **CHU** 14670, 3330 and 7335 p/d "Sir Sanford Fleming" cd. in 1 mo. (Schulman). **BBC** 9590 via **Sackville** n/d cd. in 8 mo. (Schulman). **RCI** 11945 f/d cd. in 1 mo. (Lare-MI). **CFCX** 6005 f/d cd. in 7 wks. for ms. (Swaringen). **CBCNQS** 11720 n/d cd. in 12 ds. w/ pennant. (Talbot-ALB).

CAPE VERDE ISLANDS: Radio Voz de Sao Vicente 3960 f/d white "Logo" cd. in 46 ds. for a PT rpt and ms. (Kusalik-ALB). same in 6 wks. for a PT rpt. and 2 IRCs. v/s Nilzo Pontes. (Orcutt-NY). 3930 plain n/d cd. in 36 ds. for a PT rpt. and 2 IRCs. (Burnell-ONT).

CHINA, PEOPLES REP: Radio Beijing 9880 f/d cd. in 23 ds. (Levison). 11860 cd. in 18 ds. (Kacir-MI).

CLANDESTINE: Radio 15 de Septiembre 5580 f/d prepared cd. in 151 ds. (Rigas-IL). **Radio Camilo Cienfuegos** from Costa Rica address

Radio Korea

Overseas Service
Korean Broadcasting System

via **La Voz del CID** 7399.5 f/d cd. in 39 ds. for a SP rpt. and 2 IRCs.

COLOMBIA: Ondas del Darien 6085 ltr. in 32 ds. for a SP rpt. (Barto-CT). **Radio Macarena** 5975 f/d cd. w/ sticker in 115 ds. for a SP rpt. and ms v/s Enrique Zambrano Nieto, Gerente. (Stephany-FRG). cd. w/ certificate in 52 ds. for a SP rpt. and 2 IRCs. (Schmitz-FRG). **Radio Super de Medellin** 4875 p/d ltr. in 6 mo. for a SP rpt. and 1 IRC. v/s Ismael Ochoa M., Gerente. (Gliksman-IL). same in 709 ds. for ms. (Stephany-NY).


RADIO VOZ DE S. VICENTE
Emissora Onda Curta
CR 4 AC

via Dave Swaringen

Emissoras:
F.M. — Sintronic - 80 w
S.W. — Philips do Brasil 1Kw
Prog. — F.M. - 96 Mhz
S.W. - 3.950 KHz

Em montagem:
Cantel — S.W. - 10 Kw

(Burnell-ONT)

QSL to Joe Talbot confirming reception of VOT on 7410 kHz October 20, 1984. 2306-2320 GMT.

Thank you very much for your useful report, Joe. It was early in the day for propagation from Baltimore to Alberta, so we are delighted you heard us. Perhaps you will catch a late evening broadcast with better signals in the future.

TO:
Joe Talbot
#604-4902-37 St.
Red Deer, Alberta
CANADA T4N 6M9

White people must realize they are an endangered species, and stand together.

Philip Carey



CONGO: Rdf, Congola-ise 15190 f/d form ltr. in 5 wks. for a FR rpt. and 1 IRC. (Gliksman-IL). same in 63 ds. for ms. (Forsgren-WI). in 49 ds. for a FR rpt. and 2 IRCs. (Gunter-NC).

COOK ISLANDS: Radio Cook Islands 11760 f/d cd. in 27 ds. w/ postcard. (Tow).

COSTA RICA: Radio Reloj 4832 f/d cd. in 13 ds. for a SP rpt and 2 IRCs (Hart-FL)

CROSS RIVER STATE BROADCASTING CORPORATION
(CROSS RIVER RADIO)

William J. Plum
BROADCASTER, CALIFORNIA
Phone 223211, 222171
New York

BROADCASTING HOUSE
NEW YORK
P. O. BOX
CALIFORNIA
NEW YORK

77-William J. Plum
2-8 Glenn Ave.
Laguardia,
New York 10011
U. S. A.

Dear Sir,

I write to acknowledge your letter to the 19th Dec., 1960, in which you reported the reception of our station. I am pleased to advise you that I have verified our logging and have found your report to be correct. Thank you for listening to us.

We transmit our best wishes with short wave. To serve the locality we have a 5 & 2000 Kc Transmitter working into a mast radiator at a frequency of 17.15 Mc. In short wave we operate with a 10 Kw transmitter working on a dipole aerial at 3.4 Mc.

We usually start the day's broadcast at 0430 hours and stop at 2301 hours i. e.

On behalf of all staff of this station I wish you a Merry Xmas and a prosperous New Year. Thank you, thank you for listening.

Yours very sincerely,
William J. Plum
W. J. Plum
Chief, General Manager (Laguardia, N.Y.)

CUBA: RHC 11760 cd. in 45 ds. (Barto-CT).
Radio Moscow 11840 via Habana f/d cd. in 1 mo. (Schulman). frew!
CYPRUS: BBC 7135 p/d ltr. in 20 ds. (Ren-)
CZECHOSLOVAKIA: Radio Prague 7345 cd. in 23 ds. (Tow-AL). 5930 f/d cd. in 28 ds. w/ schedule. (Levison-PA).
DOECANESE (Rhodes): VOA 7205 f/d cd. w/ sticker in 64 ds. (Schmitz-FRG).
ECUADOR: HCBJ 9745 f/d cd. in 6 wks. for ms. (Davisson). 17790 f/d "Enchanting Coast" cd. in 10 wks. (Schulman). 9745 and 6140 f/d cds. in 3 mo. (Paszkiewicz-WI). HD2IOA 7600 f/d "Sundial" cd. in 52 ds. for a SP rpt. and 1 IRC. (Hart-FL). 5000 same w/ sticker in 174 ds. for a SP rpt. v/s Fausto Lopez
* Villegas. (Burnell-ONT). Radio Popular de Cuenca 4801 f/d cd. via Don Moore for a SP rpt. v/s Manena de Villavice-ncio. (Wilkins-CO). Radio Federacion Sucua 4960 f/d ltr. in 5 1/2 mo. for a SP

rpt. and ms. v/s Luis Mario Katan, Director. (Plum-NJ). Radio Catolica 5055 f/d cd. w/ pennant in 37 ds. for a SP rpt. v/s Diana Garcia A., Secretaria General. (Schmitz). same w/ pennant in 5 wks. for 1 IRC. (Palmerheim-MN). n/d ltr. in 37 ds. for a SP rpt. (Huniwell-NJ). same in 56 ds. for ms. (Stephany-NY). La Voz del Upano 5040 n/d form ltr. w/ pennant in 5 mo. for a SP rpt. and 1 IRC. v/s Patricia Jaramilla J., Secretaria. (Glikzman). same w/ pennant in 70 70 ds. for 2 IRCs. (Henschen-IN). Emisoras Gran Colombia 4910 n/d ltr. w/ pennant in 27 ds. for a SP rpt. and 2 IRCs. v/s Nancy Cevallos de Espinoza, Asistente de Gerencia. (Henschen-IN). p/d ltr. in 27 ds. for ms. (Rigas-IL). Radio Iris 3381 n/d personal ltr. in 20 ds. for a SP rpt. v/s Daniel Alvarez Tenorio, Gerente. (Plum-NJ). f/d prepared cd. in 17 ds. for a SP rpt. and ms. (Reinstein-FL). Escuelas Radiofonicas Populares 5015 postcard via Don Moore (Reinstein-FL).



David Swearingen
TIME 0408-0422 UTC
DATE January 5, 1994
FREQ. 7420 kHz
QSL
Bill Plum



ENGLAND: Spectrum World Broadcasting
* 6240 f/d "Logo" cd. in 24 ds. for 1 IRC. Pennant rcvd. (Schmitz-FRG).
EQUATORIAL GUINEA: Radio Nacional de Bata 15106 f/d prepared cd. w/ personal ltr. in 3 1/2 wks. (Kusalik-ALB). 4925 f/d cd. in 36 ds. for a SP rpt. (Barto-CT).
EUROPEAN RUSSIA: Radio Moscow 4860 via Moscow f/d cd. in 1 mo. (Schmitz-FRG).
FRANCE: RFI 15315 f/d cd. w/ pennant in 45 ds. (Burnell-ONT). 17620 cd. w/ pennant in 32 ds. (Davisson-OH).
FRENCH GUIANA: RFI 9790 f/d cd. in 26 ds. w/ pennant. (D'Angelo-PA). 11670 cd. in 6 mo. (Schulman).
GABON: AWR Radio 9630 via Movabi f/d "Map" cd. w/ personal ltr. in 67 ds. for 2 IRCs. v/s Daniel Grisier. (Stephany-NY). Africa No. 1 4810 cd. in 2 mo. (Stuart-OK). p/d cd. in 39 wks. for 2 IRCs. (Schulman-TN).
GERMANY, DEM. REP: RBI 9620 f/d "Decibel" cd. in 6 mo. (Schulman).
GERMANY, FED. REP: Radio Liberty 7255 p/d ltr. in 15 ds. (Barto-CT).

GERMANY, FED. REP: Radio Liberty 17760 and 15290 via Lampertheim p/d ltr. in 15 ds. (Barto). 15355 via Holzkirchen ltr. in 15 ds. (Barto). Radio Free Europe 15370, 6105, 17760 and 9695 p/d ltr. in 15 ds. (Barto). 7255 and 7115 via Bibliß p/d ltr. in 15 ds. (Barto). Deutsche Welle n/d cd. in 33 ds. (Davisson). Sudwestfunk 7265 cd. in 88 ds. for 1 IRC. (Burnell). Bayerischer Rundfunk 6085 p/d cd. in 51 ds. for 1 IRC. (Burnell). * Radio Big Brother 6220 cd. w/ personal ltr. in 40 ds. for a GM rpt. and 1 IRC. (Schmitz-FRG).

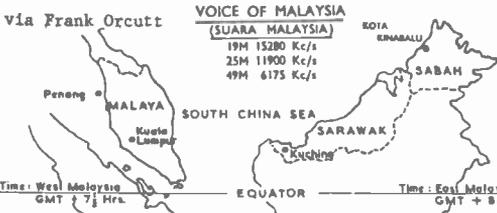
RAD RECEPTION REPORT AND CONFIRMS

PENANG 31M 9515 Kc/s 41M 7200 Kc/s 41M 7300 Kc/s 60M 4985 Kc/s 62M 4790 Kc/s		KINABALU 41M 7270 Kc/s 42M 7145 Kc/s 49M 6015 Kc/s 61M 4950 Kc/s 62M 4845 Kc/s
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VOICE OF MALAYSIA
(SUARA MALAYSIA)

19M 15280 Kc/s	KOTA KINABALU
25M 11900 Kc/s	SABAH
49M 6175 Kc/s	SARAWAK

Time: West Malaysia GMT + 7 Hrs. Time: East Malaysia GMT + 8 Hrs.



GHANA: GBC 4915 f/d cd. in 85 ds. for ms. v/s Mick Feuet. (Forsgren-WI).
GREECE: Voice of Greece 11645 f/d cd. in 2 mo. (Schulman-TN).
GUATEMALA: AWR Radio 6090 f/d "Logo" cd. in 98 ds. for ms. v/s Bany Barillas, Technico. (Stephany). personal ltr. in 73 ds. for ms. (Burnell).
TGMUB Union Radio 6090 ltr. in 41 ds. for a SP rpt. (Barto-CT). Radio Chortis 3380 f/d form ltr. in 7 wks. for a SP rpt. and ms. v/s Maria Boxus, Director. (Orcutt-NY).
TGNA 3300 p/d ltr. in 71 ds. for ms. (Burnell-ONT).

RADIO BRUNEI

Brunei 9th Feb. 1970

Dear Sir,

Your reception report on our transmission on 725 Kc/s on 3 (197) was hereby acknowledged and confirmed.

Yours faithfully,

 Chief Engineer.

STAMP

Mr. Richard S. Davis,
 1470 South Allison St.,
 Denver, Colorado 80226,
 United States of America.

GUINEA: Radiodiffusion TV Guinee * 15306 prepared cds. in 1 yr. for a FR rpt. and ms. (Kusalik-ALB).
GUYANA: GBC 5950 f/d ltr. in 84 ds. for 3 IRCs. v/s Miss Phyllis Hyles (Hastie-TX). same in 35 ds. for 2 IRCs. (Tutak-NJ).
HAITI: Radio 4VEH 4930 f/d cd. in 40 ds. for a FR rpt. and ms. (Hastie).
HONDURAS: HRVC 4820 p/d cd. in 20 ds. for 2 IRCs. (Tutak-NJ).

HUNGARY: Radio Budapest 6025 via Jaszbereny f/d cd. in 38 ds. (Kacir-MI).
INDIA: AIR 11620 f/d cd. in 72 ds. for ms. v/s Ramesh Cahndra, Audience Research Officer. (Foxy-VA). 4800 via Hyderabad f/d "Marine Drive" cd. in 70 ds. for 1 IRC. v/s H.O. Agrawal. (Schmitz-FRG).
IRAQ: Radio Baghdad 9610 n/d cd. in 75 ds. (Tow). large folder cd. in 198 ds. w/ pennant for 2 IRCs. (Gunter-NC).
ISRAEL: IBA 9440 cd. in 108 ds. for ms. (Eckert-PA).
ITALY: UN Radio 11800 via RAI f/d cd. in 19 ds. (Stephany). 9575 and 11905

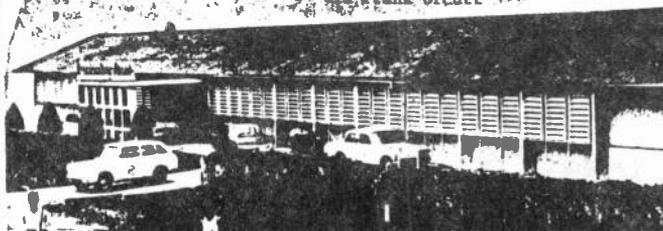
f/d cd. in 200 ds. (Lev-ison-PA). RAI 9575 and 11800 f/d cd. in 180 ds. (Renfrew). 11800 f/d cd. in 3 wks. (Schulman-TN)
JAPAN: FEN 3910 f/d "Logo" cd. in 45 ds. (Hart-FL).

 **RADIO DEMERARA**

GUYANA BROADCASTING CO. LTD.

THE VOICE OF GUYANA.

via Frank Orcutt



THE
FALKLAND ISLANDS BROADCASTING
STATION

We're pleased
to verify your
report of reception



QSL
no. 75

2370 kHz 3950 kHz 96.5 MHz FM

via
Mike Harris
on 25 November 1984

003a - 0106m

Shoridan
BROADCAST RECEIPTS

JAPAN: Radio Japan 17825 f/d "Cherry Blossoms" cd. in 23 ds. (Speer-CA).
JJY 15000 f/d cd. in 6 wks. (Schulman-TN).

JAVA: RRI Djakarta 4774.5 f/d "Parasol Dance" cd. in 42 ds. for an IN rpt.

JORDAN: HKBS 9560 just skeds (Barto).
no QSL despite several rpts. (Tow).

KENYA: Voice of Kenya 4914.6 f/d ltr. in 14 wks. for 1 IRC. v/s E. K. Tiampati. (Swaringen). 4915 p/d ltr. in 22 ds. for 2 IRCs. (Paszkiewicz). in 121 ds. for 3 IRCs. (Forsgren-WI).

KOREA, REP. OF: Radio Korea 7550 f/d cd. in 1 mo. w/ pennant. and sticker. (Palmerheim-MN).

LEBANON: Voice of Hope 6215 f/d cd. in 51 ds. for ms. (Gunter-NC).

LITHUANIAN SSR: Radio Vilnius 9750 f/d cd. in 45 ds. (Schmitz-FRG).

LUXEMBOURG: Radio Luxembourg 6090 p/d cd. in 1 mo. for ms. (Lare-MI).

MALAGASY REP: Radio Nederland 9715 cd. in 9 wks. (Schulman-TN).

MALI: Radio TV Mali 4783 f/d "Map" cd. in 25 ds. for a FR rpt. and ms. rpt. and 3 IRCs. (Hastie-TX). 7285 f/d cd. in 152 ds. for ms. (Foxx-VA).

Dear Mr. Michael Harris,

This verifies your reception report on the programme you heard on December 25, 1983 from 18.00 to 18.15 GMT on 6040 kHz.

With best wishes
RADIO MINSK

MALTA: Radio Mediterranean 6110 n/d cd. in 4 mo. (Schulman).
IBRA Radio 9590 p/d cd. in 6 wks. (Schulman-TN).

MONACO: TWR 7160 f/d cd. in 1 mo. for an EG rpt. (Schulman-TN).

MOZAMBIQUE: Radio Mozambique 9620 p/d "Globe" cd. in 36 ds. for a PT * rpt. and 2 IRCs. (Tutak-NJ). same in 40 ds. for a PT rpt. and 2 IRCs. (Gunter-NC). 9618 p/d cd. in 58 ds. for a PT rpt. (Burnell-ONT).

NAMIBIA: SWABC 3295 p/d cd. in 41 ds. for 3 IRCs. (Hastie). f/d "Mountain Fire" cd. in 55 ds. for 2 IRCs. (Hart-FL).

NEPAL: Radio Nepal 9590 via Khumaltar f/d cd. per station visit via a * friend. (Kusalik). 3425 f/d cd. via same mode. (Kusalik). 5005 via Jawalakhel f/d cd. via visit. (Kusalik-ALB).

NEW BRITAIN: Radio East New Britain 3385 f/d ltr. in 11 mo. for ms. v/s A.L. Rumina. (Lare-MI).

NICARAGUA: Radio Zinica 6120 form ltr. in 134 ds. for a SP rpt. and ms. v/s Arturo J. Valdez R. (Stephany).

NIGER: Radio Niger 5020 f/d cd. in 58 ds. for a FR rpt. and 1 IRC. (Cones-VA). same in 11 wks. for 1 IRC. (Gliksman-IL). 3260 f/d cd. in 49 ds. for a FR rpt. and 1 IRC. (after 20 yrs. of trying!) (Barto-CT).

NIGERIA: Voice of Nigeria 15120 f/d cd. which was airmailed on 11/83! (Cones). cd. in 14 1/2 mo. for 3 IRCs. (Eckert-PA). same in 757 ds. for 1 IRC. (Forsgren). The authorities must of located a lost mailbag!! 4990 f/d cd. in 55 ds. (Barto). Plateau Radio 5965 via Jos f/d form ltr. in 61 ds. for ms. (Forsgren)
* Rima Radio 6195 via Sokoto p/d ltr. in 5 wks. for 1 IRC. v/s H.Y. Umaru, Controller. (Gliksman). in 146 ds. for 1 IRC. (Schmitz).

NATIONAL BROADCASTING AUTHORITY
(RESEARCH WING)
RBA HOUSE
SHAHBAQ AVENUE
RIYADH

No. R/RES/F-3(A)/84- 2444 14th November, 1984.

From: Md. Abdur Rashid,
Research Engineer-in-Charge,
National Broadcasting Authority,
RBA House, Shahbaq Avenue,
Riyadh.

To: Mr. Charles R. Foxx, JR.,
VDMAR VH,
2932 Myrtle Avenue,
Norfolk, VA 23504 U.S.A.

Dear Mr. Charles,

Thank you very much for your letter dated 27th October, 1984 about our programme. Please find enclosed our new frequency schedule which will help you in finding our broadcast at your end.

Your interest about our country is highly appreciated. We do hope you will continue to report about our transmission in near future.

With best regards,

Yours sincerely,

(Md. Abdur Rashid)
Research Engineer-in-Charge.

NORWAY: Radio Norway 11870 f/d cd. in 37 ds.(Kacir-MI).

PAPUA NEW GUINEA: NBC 4890 f/d cd. in 1 mo. for 2 IRCs.

v/s Thomas Aiyé.(D'Angelo-PA).

PERU: Radio Quillabamba 5025 f/d ltr. w/ pennant in

68 ds. for a SP rpt. v/s Rufino Alonso, Director.

(Schmitz). Radio del Pacifico 9675 f/d ltr. in 70

* ds. for a SP rpt. and ms.(Tow). Radio San Juan de

* Chota 5274 f/d prepared cd. per visit. v/s Raul Riv-

* era Burga.(Moore-PERU). Radio Nuevo Cajamarca 3923 f/d

* prepared cd. per visit.(Moore). Radio Chota 6296 f/d pre-

* pared cd. per visit. v/s Mauro Vasquez Gonzalez, Gerente.

* (Moore). Radio Ilucan 5617 f/d prepared cd. per visit. v/s

* Jose Galvez Salazar, Gerente.(Moore). La Voz de Cutervo

4965 f/d prepared cd. w/ photo and bottle of wine per visit.

* v/s Julio Cesar Sanchez Camacho, Gerente.(Moore). Radio

* Acunta 5802 n/d photo of community per visit. v/s Victor H.

* Hoyas Condor, Presidente.(Moore). Radio San Pedro 7430 p/d ltr.

* per visit. v/s Lorenzo Vigo Diaz, Director.(Moore). Radio Moder-

* na 4300 p/d prepared cd. per visit. v/s Pompeyo Silva Pereyra,

* Locutor.(Moore). Radio Celendin 7054 f/d prepared cd. per visit.

* v/s Jose Camacho Villar, Gerente.(Moore)...Nothing short of great!

I got your postcard Don. I didn't know they grew that big!!:Sam.

POLAND: Radio Polonia 7270 f/d cd. in 58 ds.(Cones-VA).

PORTUGAL: AWR Radio 9605 and 9670 via Sines f/d "Carttoon" cd. in 46 ds

for 2 IRCs. v/s Jennifer Robertson.(Stephany). RFE 9595 and 15355

via Gloria p/d ltr. in 15 ds.(Barto). 17725 f/d cd. in 2 wks.(Ren-

QATAR: QBS 17910 f/d cd. in 177 ds. for ms. v/s Jassim Moh-

* ammad Al Qattan, Director of Public Relations.(Foxy-VA).

RIO MUNI: Radio Nacional 4926 f/d cd. in 56 ds. for a SP rpt. and 2 IRCs.

* v/s Jose Mba Obama.(Tow-AL). Radio Africa 15106 f/d personal ltr. in

30 ds. for ms. via Word of Truth in Pensacola,FL. v/s L.R. Shelton.

(Tow). 15107 f/d prepared cd. in 11 ds. for ms. v/s Gene Grassie.(Rigas)

ROMANIA: Radio Bucharest 9570 f/d cd. in 134 ds.(Levison-PA).

SAIPAN: KFBS 9730 f/d cd. in 2 mo.(Gliksmann-IL).

SARAWAK: Radio TV Malaysia 5005 via Siby f/d cd. in 25 ds. for 1 IRC.(Swar-

ingen). 7270 f/d cd. in 46 ds. for ms.(Tow).

SENEGAL: ORTS 4890 f/d cd. in 73 ds. for a FR rpt. and 4 IRCs.(Hastie-TX).

same in 39 ds. for a FR rpt. and 2 IRCs.(Gunter-NC).

SINGAPORE: Radio Singapore 6155 f/d "Skyline" cd. in 1 mo. for ms.(Lare-MI)

SOLOMONS: SIBC 5020 f/d "Logo" cd. in 27 ds. for ms.(Foxy).same in 19 ds.

for 1 IRC.(Stuart-OK).

SOUTH AFRICA: Radio RSA 6010 f/d "Sunset" cd. in 6 wks.(Schulman). 5980 cd.

in 16 ds. (Davisson). 9615 f/d "Wildflower" cd. in 10 ds. for 2 IRCs.

(Kacir). f/d "Cape Peninsula" cd. in 1 mo.(Paszkiewicz). Capital Radio

3930 f/d ltr. in 45 ds. v/s J. Van Hoogstrateh, Director.(Rigas-IL). in

32 ds. v/s Iris Wheeler, Secretary.(D'Angelo). f/d cd. in 42 ds. for 1

IRC.(Schmitz). ZSC 17018 p/d cd. in 60 ds. for 2 IRCs. (Cones-VA).

SPAIN: REE 15160 f/d "Oropesa" cd. in 34 ds.

via Jacob Kacir

for 1 IRC.(Brouillette-IL). 9630 f/d cd. in

7 wks.(Schulman).

"Castle" cd. in

53 ds.(Davisson)

cd. in 1 mo.(Stu-

art). 11880 cd.

in 1 mo.(Speer).

Radio Liberty

17725 and 15380

via Playa de Pals

p/d ltr. in 15 ds

(Barto-CT).

SRI LANKA: AWR Radio

f/d "Map" cd. in

32 ds. for 2 IRCs.

v/s Adria Peterson

(Stephany-NY).

SUMATRA: RRI Tanju-

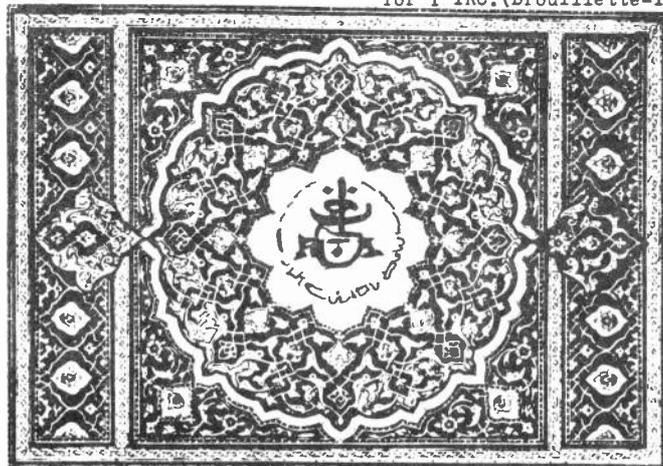
ng Pinang 3225 f/d

prepared cd. in 1

mo. for an IN rpt.

v/s Drs. Sukri,

Kepala.(Kusalik).

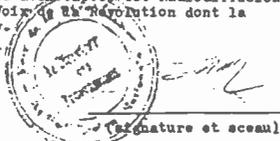


M. Edward Kasalik

CANADA, TOK OLO

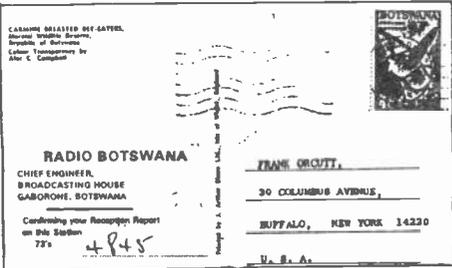
Nous confirmons votre réception d'une de nos transmissions de radio sur 15310 khzs, en date du 17 décembre, 1983 à 22:55 et 23:26 heure GMT.

La station que vous avez captée est Radiodiffusion Télévision Guinéenne-Voice of the Revolution dont la puissance est de 80 kw.



SWAZILAND: TWR 5055 f/d folder cd. in 26 ds. for 2 IRCs. (Wilkins).
SWEDEN: RSI 15280 f/d cd. in 1 mo. (Davisson). 15345 f/d "Logo" cd in 3 wks. v/s Karin Zindt. (Palmerheim-MN).
SWITZERLAND: SRI 17830 f/d cd. in 1 mo. (Schulman). RCBS 11870 f/d "Globe" cd. in 22 ds. (D'Angelo-PA).
SYRIA: Radio Damascus 7455 n/d cd. * in 2 mo. (Huniwell-NJ).
TANZANIA: Radio Tanzania 5050 f/d "Map" cd. in 12 wks. for ms. and EG rpt. (Swaringen-NC).

TOGO: Radio Togo 5047 f/d "Globe/Map" cd. in 26 ds. for a FR rpt. and 2 IRCs. (Hart-FL). Radio Kara 3222 n/d ltr. in 43 ds. for ms. v/s Mialintche Lare, Secrétaire-Correspondancier. (Reinstein-FL).
TURKEY: Voice of Turkey 9560 f/d "Topkapi Palace" cd. in 5½ wks. for 3 IRCs. (Loudell-TN).
UKRAINIAN SSR: Radio Kiev 15405 f/d cd. in 135 ds. (Brouillette-IL).
UNITED ARAB EMIRATES: Voice of the UAE 4800 f/d folder cd. in 20 ds. for 1 IRC. (Cones). same in 17 ds. (Reinstein-FL).
URUGUAY: Radio Monte Carlo 11735 p/d ltr. in 5 wks. for a SP rpt. and 1 * IRC. v/s Gloria Gasperini. (Gliksman). Emisora El Espectador 11835 f/d cd. in 242 ds. for a SP rpt. and ms. v/s Jorge Cubilo, Director. (Foxx).



USA: VOA Dixon 7653.5 f/d cd. in 39 * ds. (Brouillette). KGBI 11790 f/d cd. in 17 ds. (Gunter-NC).
USA (Pirate): Voice of Laryngitis 15050 f/d cd. in 22 ds. for ms. (Turner-NY).
UZBEK SSR: Radio Tashkent 9600, 9540 and 5945 3 different f/d cds. in 68 ds. (Stephany-NY).
VATICAN: Radio Vatican 6015 f/d "St. Peters" cd. in 83 ds. (Eckert-PA).
VENEZUELA: Radio Barquisimeto 4990 f/d "Studio" cd. in 25 ds. for a SP rpt. and ms. v/s Ligia Villanueva A. (Wilkins-CO). same in 94 ds. for a SP rpt. and ms. (Stephany-NY). Radio Juventud 4900 f/d cd. in 112 ds. for ms. (Rigas-IL).
VIETNAM: Voice of Vietnam 15010 f/d "Logo" cd. w/ pennant in 40 ds.
WEST BERLIN: RIAS 6005 f/d "Studio" cd. in 51 ds. for 1 IRC. (Burnell-ONT).
YEMEN: PEOPLES DEMOCRATIC REP: PDRYBS 6005 via Aden f/d "Antenna" cd. in 194 ds. v/s Abdulla N. Yesian. (D'Angelo-PA).
YEMEN REP: Radio Sanaa 9780 p/d form ltr. in 43 ds. for an EG/AR rpt. and 1 IRC. (Burnell-ONT).
YUGOSLAVIA: Radio Yugoslavia 9620 f/d "Beograd" cd. w/ sticker in 17 mo. for 5 IRCs. (Talbot-ALB).
ZAIRE: La Voix du Zaire 15245 p/d ltr. in 45 ds. for a FR rpt. and 3 IRCs. v/s Lepamabila Saye. (Paszkiwicz-WI). f/d ltr. in 119 ds. for a FR rpt. and 2 IRCs. v/s Ayipam Muan-a-ngo. (Forsgren-WI).

M. Edward Kasalik

Canada, TOK OLO

Nous confirmons votre réception d'une de nos transmissions de radio sur 4000 khzs, en date du 5 janvier, 1984, à 04:26 et 04:35 heure GMT.

La station que vous avez captée est Radio Cameroun dont la puissance est de 15 kw.



Thats it for this month. Several good North American QSLs were left out due to space. We will get all of these in next month.

7315
Kam

update

May 1985***Number 184

Tom Alleman
636 E. 74th Terr.
Kansas City, MO 64131 USA
(816) 523-7292 7-10 pm Central only

UPCOMING DEADLINES: 10 May (Mid-May) 20 May (June) 10 June (Mid-June)

Reproduction permitted. Credit original reporter and NASWA UPDATE. Dates, times and days GMT: freqs kHz.

ALGERIA Radio Algiers, 17745, in EG *2000-2034; fair with noise. "You are tuned to R. Algiers Int'l." by M, followed by freq annmcs. No IS, just 4 pips // to 15215, a little better. News, including Iran v. Iraq update. Mx at 2020 followed by FR 2030. (Richard D'Angelo, PA 4-6)

EQ. GUINEA Malabo, 6250, in SP 2149-2203*; fair. Vocals and highlife mx to 2159. ID and s/off annmcs followed by familiar long anthem. Severe QRM from Vatican R. which is sitting on this channel. (D'Angelo, PA 4-6)

NIGERIA VoN, 15120, in EG 2141-2200* fair with poor modulation. News about Nigeria, ID as "North Africa and Overseas Service of the Voice of Nigeria." Nigerian tribal mx 2151 till s/off. (D'Angelo, PA 4-6)

PERU R. El Sol de los Andes, 3229.1, in SP 0930-47. ID 0930 followed by several mx selections. Weak but in the clear. (Barto, CT 3-26)+++R. Cochán, 5340, in SP 0000-11 w/ ID 0001 and some vocals. Very poor on 4-10. (Sam Barto, CT) +++R. Ilucan, 5617.5, in SP 0000-12 w/ light piano mx, a few vocals and ID. Gone at 0035 recheck. (Barto, CT 4-11) +++ R. Selecta de Viru (see below-tba) tentative 6791.5, in SP 0331-44 w/ vocals by both M&F singers, little commentary. Mentions of Peru and Libertad. Very weak. (Barto, CT 4-8)+++Radio Univero, 6815.0 in SP 0010-0027 w/ ID, huaynos, and several announcements. Weak w/ QRM. (Barto, CT 4-11)

SIERRA LEONE SLBS, 5980, in EG 2344-0001*; fair. Pop mx show, playing requests, birthday wishes. Prgm apparently a weekly feature as annrcs invited listeners "to tune in again next week." ID, s/off annmcs. Said: "Join us at 6 o'clock tomorrow morning," their usual Sunday morning s/on. Killed by WYFR, 2358. (D'Angelo, PA 4-13)

SPAIN SFR, 11690, in EG 2005-2030*. Fair in static. Prgm of folk mx followed by their DX prgm, which included a discussion on propagation with emphasis on fading. Also tips on receiving US and USSR space missions. (D'Angelo, PA 4-14)

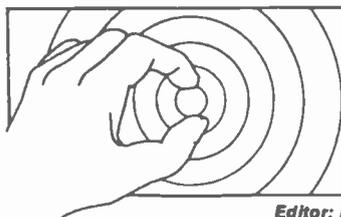
Next, more fine DX from our friend in Peru/ Switzerland, Juan Carlos Codina:

- 3390.2 BOLIVIA Radiodifusora Camargo, heard at first check 2-28 at 0050 with a prgm of political commentary. Clear with Radio Cutervo off air this day. This prgm uses the theme from Bizet's Carmen (March of the Toreadores). The prgm ends at 0058 and there is then an ID. First time heard in many months due to ever-present Cutervo on 3389.8.
- 9933 Radio "El Porvenir," El Porvenir, Huamachuco, La Libertad, PERU. This is the new ID and new QTH of this Peruvian, distorting as usual in this range. Announcing studios located in "Calle Hermanos Sangren (tentative) 424. El Povenir. This transmitter was formerly in Huamachuco city itself as "Radio Huamachuco," later in Quiruvilca as "Radio Quiruvilca," and now here. Seems that these changes of QTH are a constant in northwestern Peru. At 0200 begins an evangelical mx prgm. Anncced as usual, "3950 kilociclos, banda de 90 metros (sic)." Some days going down to 3916. IDed as Radio El Povenir.
- 5529.1 PERU Unidentified Cajamarcan station heard here distorting 3-10 at 2110. At the same time another Peruvian, distorted also but with far less power was noted on 5551.2. Both stations had huaynos all around. The latter went upwards to 5560 but disappeared from the air at 2130 after beginning to distort very badly. The former one disappeared at about 2138 but heard tentative mention of the location of Yaucan. (Tentatively these should be San Francisco and Tongod. . .)
- 5657.2 PERU Radio Bambamarca, Bambamarca, Cajamarca, well heard 3-10 at 1735 playing an old recording of a Lima TV comic program. Signal even stronger than nearby Ilucan on 5617.5.
- 6199.8 NICARAGUA Radio Sandino, Managua, reactivated. First heard 3-8 at 0013 with very good signal.
- 6340 Radio La Vox del Valle, Punata, Cochabamba, Bolivia, first heard ar 2320 3-8 with Mexican boleros, late Argentine sambas, making it possibly a Bolivian. As usual in this range, heavy RTTY QRM. Possibly this is the long-inactive harmonic from R.

- La Voz del Valle, Punata (harmonic 1585x4). At 2337 heard an ID confirming it: "Radio La Voz del Valle."
- 6428.3 PERU Radio Espinar, Esp., reactivated. Heard Saturday 3-9 with an "aficianados" singer prgm.
- 6577.9 ECUADOR Radio Omega, "RG", Guachanama, Loja, noted 3-10 with "mensajes musicales" format, ecuatorian folk mx. However at 0052 the old canned echo-effect ID: "Radio La Voz de la Juventud." Have they reverted back to the old name?
- 6791.5 PERU Radio Selecta C y D. Viru, La Libertad. First heard with very powerful (s9 + 20 db) signal and very clear modulation but weak audio. Variety of Peruvian mx, huaynos, cumbias andinas, etc. Tried to piece together what it was when some pasillos suggested that it was from Cajamarca. Some IDs 0005 but could not make them out due to noise and poor modulation. Some 10 minutes of commercials so seems well-established anyway. Each five minutes ran a TC with ID for the station as "Radio Selecta de Viru." Commercials for "Zapateria Jose." M anncr, but alternating with female late at night. Going till 0456. Last prgm was "Congratulaciones musicales" (musical greetings). Interesting in that the stn seemed to stay on only to proide music for a birthday party somewhere in the little town, as all prgming from 0200-0456* was dedicated to the same people. And the anncrs even asked the partiers to send some beer to the station to help combat the heat!!! Also IDed as "Radio Selecta C y D (possibly Commercial y Difusora). Following day heard with very good signals day round. Not QRM and lots of IDs at time checks. The announcer was Aurelio Palomino. Another full ID heard in the following days: "...En su sintonia, Radio Selecta de Viru, Banda Internacional de 45 metros, Amplitud Modulada."
- 6815.6 PERU Radio Universo, Santa Rosa, Cajamarca, which I first thought to be Santa Cruz. But when I found Santa Cruz on 6651.2 with its prgm "Voces del criollismo" (0020 2-27) I found that this is a new Cajamarca station. Messages to people in the Bagua Chica area. Very poor in spoken segments but good in music. Lots of huaynos, pasillos, and some cumbias. Slightly better than R. Santa Cruz, and sometimes with some QRM from the North Peruvian Point to Point UTE that operates on 6814.7 USB.
- This stn doesn't seem to be related to the long-inactive Radio Nuevo Eden, Celenidin, because of its very different style (very few anncmts in the new station, short dedications, etc.). Also its power is greater than Nuevo Eden and its signal is slightly overmodulated, no like Nuevo Eden. Nuevo Eden also used 6814.6.
- Messages to people in the Cutervo area, responding to those b'cast over Ilucan. On 2-28 after 0130 several clear IDs as, "...en los estudios de Radio Universo, son las..." Gone at a 0200 check. 3-1 heard closing with national anthem at 0205.* At 0142 3-3 heard anncing: "en Radio Universo, que transmite desde Santa Rosa, en la localidad de..." Also heard opening 3-4 0013 with national anthem, announcing that they would b'cast till 0100 only because of problems with the rain. The opening announcement said, "...ocho de la noche con trece minutos, Radio Universo que transmite desde la Provincia localidad de Pucayas (???) inicia su labor correspondiente al dia de hoy, 4 de Marzo de 1985."
- 9486.0 PERU Radio Tacna // 6562.8. Now heard in parallel as noted 2-3 and both with about the same power.
- 9651.1 PERU Radio Moquegua, Moquegua heard first during first check of 31 mb in a long while. Possibly they've been here a while??? Noted 3-10 at 1730. Also heard Radio Concordia at the same time, active again on 9530.0 with very good signal. Heard again at 1828 check, with pops. Signal reaching 10 db over s9 by then in Lima, though there were instances of audio cutoffs, as though trouble with lines. Perhaps testing SW. IDs as Radio Moquegua." Slogan: "El nivel mas alfo de la AM."

Much more excitement ahead. Stay tuned and please send a contribution or six to UD.

Best 73

LOG REPORT

section A

2000 to 4899 kHz

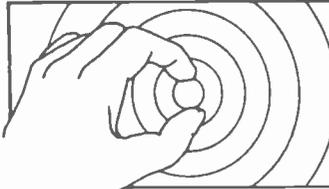
Editor: Mike Nikolich, 2137 West Farwell Ave., Chicago, IL 60645

- 1622 PIRATE. KPF 941/Yonkers, NY; 0640-0704*, EG, "oldies" pop mx. "Yonkers Radio Show." Maine addr for rpts (Alexander 4/6)
- 2340 CHINA, Fujian I; 1241, CH, best signal in a while w/CH-EG lessons. into EZL mx (Sams, KS 3/12)
- 2390 MEXICO, R. Huayacocotla; 0055-0105*, SP, tx by OM and YL, inst. mx, IDs. s/off w/NA (Alexander, PA 3/10); 0100, SP, sophisticated big band mx, some LA mx (Dickson 3/19)
- 2417.9 UNID, Indo here at 1406 w/IN pop mx, anmts at 1409, ballads. IN singing, thru 1432 (Young, CA 3/28)
- 2448.7 INDONESIA, UNID; 1353, singing IN mx, ballad. anmts at 1400. s/off at 1402 (Young 3/30)
- 2475 CHINA, Zhejiang; 1251, CH opera. weak amid UTE QRM. this one was presumed (Sams, KS 3/12) **Mitch, what's the current address for the OMDXC? I want to join up!
- 2526.7t JAVA, RFDK2/Indramayu; 1355, some kind of chanting by YL, pause on the hour, anmts and tx to 1412, singing and tx until lost in noise (Young 3/28)
- 2600 CHINA, Fujian (PLA); 1244, CH. YL w/high-pitched voice in drama w/OM, //2800, other CHs hrd on 2490, 3200, 3290, 3300. 3360, 3535 and 3900 this AM (Sams 3/12)
- 2850 N. KOREA, Pyongyang; "C" px, 1259, serious band mx, 4 time pips on hour, some anmts by OM and then nx by YL, //Kanggye 4272 (Johnson, TX 3/25)
- 3015 N. KOREA, Pyongyang; 1152, YL w/tx and vy weak signal. this was presumed... (Bolland, FL 3/2)
- 3200 LIBYA, SPLAJBC; 0540, AR mx at 0540, //6185 (Swaringen, NC 3/9); 0210, ID by OM (Dillon, MD 3/23)
- 3205 BRAZIL, R. Ribeirao Preto, tent at 0027 w/PT mx and OM host. ment. Mato Grosso... (Bobb, MN 4/1)
- 3215 INDONESIA, RRI/Menado; 1347, IN. ID at 1355. "Inilah RRI. Nusantara Empat Menado," (Kondo, Japan 3/6); 1133, YL tx in IN, some pop mx (Bolland 3/2)
- 3220 ECUADOR, HCJB; *0900, Quechua, NA, DM w/HC mx (Bobb 3/22)
- 3229.8 PERU, R. El Sol de Los Andes; 0842, SP, campo vcl mx. anmts by OM w/IDs and TCs (3 min. off), mentions of 2 OA towns, birds chirping... (Valko, PA 3/15); tent at 1035 w/OM tx, poss. mention of Peru (Bobb 3/16+24)
- 3230 SOUTH AFRICA, R. RSA; 0354, EG, Afro review px, nx, other freqs announced, but not hrd ex. 4990 (Fleming, MD 3/13); EG, 0300, "Africa This Week," (Hill, MA 3/14)+2
- 3232 INDONESIA, RRI/Bukittinggi; 1301, IN, Jakarta nx relay, //3225, presumed site (Sams, 3/12)
- 3235 BRAZIL, R. Clube Marilia; tent. at 0005 w/DM tx in PT, pleasant folk mx (Bobb 3/17)
- 3240 PERU, R. America; 1045, SP, weak sig w/assorted tx and mx, ID at 1100, then ad string. 9510 not hrd (Wilkins, CO 4/10)
- 3250 HONDURAS, R. Luz y Vida; 0340, SP, OM w/relg. tx, quiet guitar mx, IDs (Bobb 3/12)
- 3250 SOUTH AFRICA, SABC (R. Orion); 2340, OM and YL w/ varied pop mx, EG and AK tx (Bobb 3/11); 0415, EG (Fleming 3/13)
- 3280 ECUADOR, LV del Napo; 0115, SP, personal messages and anmts, IDs (Dickson 3/19)
- 3285 BELIZE, RB; 0123, OM w/ID at 0124, into tx, poss. nx, mention of LA and Caribbean, PSAs, TCs (Jordan, PA 3/8); 0336, EG, playing a Madonna song, "The no. 1 song in the country of Belize..." (Speer, CA 3/23); 0155, TC and ID by OM, tx show (Dillon 3/23); 1117, EG (Niekamp, MN 3/20)+1

- 3290 PAPUA/NEW GUINEA, R. Central; 1125, PD, lcl pop mx. anmts by OM w/TCs. mention of Sat. Night, also some Eagles and Beach Boys mx (Valko 3/16)
- 3295 NAMIBIA, RSAW; 0145, EG, US pops, EZL mx, strong signal (Dickson 3/30); 0118, EZL mx. //3270 (Feeley 3/25): 0130 (Dillon 3/10): 0415, AK, OM nx (Bolland 4/7); 0340, EG, rock mx, (Pyatt, VA 3/5)
- 3300 GUATEMALA, R. Cultural; 0327, EG, "Back to the Bible," ID, "From the heart of the Americas, this is TGN and TGNA..." (D'Angelo, FA 3/12); 0340, EG relg (Bonnet, IN 3/27)
- 3310 CHINA, Jilin PBS; 1350, CH, lcl Jilin ID, tx (Wood, HI 3/21)
- 3315 BRAZIL, R. Assuncao; presumed 0928 w/PT OM, mx and tx, poss. nx at 0930 (Bolland 3/20)
- 3315 ECUADOR, R. Pastaza; 1105, SF, quiet mx, OM w/IDs and more EZL mx (Bobb 3/12); 0030, SF tx (Dickson 3/9)
- 3320 SOUTH AFRICA, SABC; interview w//Prof. de Fries, then interview w//Prof. Cunningham in Pt. Elizabeth (Park HI 3/26)
- 3331 UNID, IN style singing here at 1342, but w/ME flavor to it...poss. Sub-Continent, but certainly not Comoros!!! more mx at 1356 past the hour, no TC, possible nx, suspect RPKDT2 Sukabumi as per Perry in Malaysia (Young 3/11)
- 3360 GUATEMALA, LV de Nahuala; 0235, SF, marimba mx, anmts by OM (Dickson 3/5); 0236-0306*, marimba mx, many IDs (Niekamp 3/16)
- 3366 GHANA, GBC; 0607, EG, nx by OM w/ID for GBC, relg. px, ID for Radio Two and a TC, then px called "Talk-up" (Valko 3/3)
- 3370 GUATEMALA, R. Tezulutlan; 0115, queer mx (tom-tom and reed inst.) tx by OM (Dickson 3/28); 0105, marimba mx (Prath, FL)
- 3375 BRAZIL, R. Tropical/Macapá; 0903, PT w/OM ID at 0901 and 0931, tx and mx mixed in w/R. Nac. and others (Bobb 4/2)** Positive of that ID? I find nothing listed...mln.
- 3377.5 JAPAN, NHK Home Svc via Osaka; 1235, in LSB w/assorted OM/YL tx, pips to 1300 and abruptly off, not //3607.5 (Wilkins 3/16)
- 3380 GUATEMALA, R. Chortis; 0045, SP, lcl-style mx. anmts by OM. accordion mx (Dickson 3/3)
- 3385t BRAZIL, R. Educ. Rural; 0005, PT, OM speech (Bobb 3/12)
- 3385 INDONESIA, RRI/Kupang; 1117, IN, tx and mx at 1121, presumed since no ID hrd (Bolland); 1330, IN, poss. Christian relg px, ads in echo chamber, pop mx past 1400 (Wilkins, CO 3/16)
- 3394.7a ECUADOR, R. Zaracay; 0309, SF, HC nx, ads. 3-note doorbell, 0322, into tropical mx, VG signal (Wilkins 4/9); 0225, LA pops and rock mx (Dickson 3/9); 0225 (Cobb, ME 3/22)+1
- 3395 INDONESIA, RRI/Tanjungkarang; 1342-1352, IN, mx (Kondo)
- 3398 INDONESIA, RRI/Singapura; IN, Jakarta nx relay, this one the weakest during an excellent IN AM (Sams 3/12)
- 3458.1 INDONESIA, several listed in this immediate area, but w/such poor condx this year, it's anyone's guess. "Rhapsody in -- Blue" and occasional anmts by OM at 1417 (Young 3/28)
- 3478.6 INDONESIA, UNID here w/pop singing at 1422, tx at 1434, probably RPDKT2/Ketapang as reported by Perry (Young 3/28)
- 3578v UNID, IN here at 1428 w/carrier on/off, OM voice tx, anmts after 1433, lots of hum (Young 3/11)
- 3606 CLANDESTINE, R. Venceremos; 0245, SP, rev. tx, messages, mx, strong signal (Dickson 3/10)
- 3607.5 JAPAN, NHK Home Svc via Tokyo; in USB at 1213, comedy px, 1231, YL w/ID as "NHK Radio" recent USL gives site as Tokyo, so must be, unless v/s goofed... (Wilkins, 3/16)
- 3830.4 INDONESIA, UNID stn here very strong w/IN anmts, pop style mx, but much ARD QRM, Gorontalo not found on normal 3800 kHz, maybe them... (Young 3/25)
- 3900 CHINA, R. Nei Menggu; tent. at 1210 w/mournful mx, YL, one song w/OM tx and chorus replying (Park 3/28)
- 3905 INDIA, AIR; 0039, UNID Asian lang, 4/1, "All India Radio" announced in mid-sentence in EG several times (O'Brien, U.K.)
- 3930 TRANSKEI, Capital Radio; 0300, EG, R&R, QRM de ARDs (Pyatt 3/5); 0303, EG, rock, ID, wx forecast... (D'Angelo 3/7)
- 3945 JAPAN, R. Tampa/2nd px; JP, rock, lots of oldies, //6115 also noted 1st px on 3925 at 0801 (Speer 3/21)
- 3958 FALKLAND ISLANDS, FIBS; 0910, EG, Honeydrippers' mx, Cars and other rock, ID at 0930, incredible sig (Swaringen, NC 3/2); 0948, EG, pop mx, ID at 0953 (Trotto 3/16)
- 3965 FRANCE, FRI; 0315, OM and YL in FR (Bolland 4/7)

- 3995 INDONESIA, RRI/Pontianak; 1350, IN, mx, ID at 1359, "...RRI Pontianak" (Kondo 4/1)
- 4000.2a INDONESIA, RRI/Kendari; 1318, IN, Lagu Melayu, 1329, ID, lcl IS, TC for "2130", regional nx (Wilkins 3/17)
- 4004.8 PERU, R. Grau; 1050, SP, beautiful campo mx w/OM over top, couple mentions of Grau and Huancabamba, ID at 1106 (Valco)
- 4119m NORTH KOREA, V. Revolutionary Party; 1214, YL w/mild-sounding tx in KR (Park 3/28)
- 4300 PERU, R. Moderna; 0305, SP, OM w/ads, ID and OA mx, then px of LA ballads (Murff, NM 3/9)
- 4402.2 AFRTS, //6030 and 11790, but w/slight satellite delay, evenings EST, first noted 3/10 inLSB, but several times since, seems best at 0500, I believe this to be a US military "Mulcast" xmtn similar to the SSB AFRTS relay occasionally observed on 9242.5 from Wolvey (Croughton), England, Mulcast signal typically includes AFRTS voice on LSB and multiple RTTY channels (including AP and UP1) on USB (Alpert, NY 3/10)
- 4525 EAST GERMANY, Y3S/Nauen; CW, 0550-0600, time sig anmt and ID, good signal (Trotto, FL 3/17)
- 4556m NORTH KOREA, V. Rev. Party for the Reunification of Korea; 1217, mild sounding Y1 in KR (Park 3/30)
- 4610 USSR (Asia), Khabarovsk; 1031, mx px and tx (Bolland 3/23)
- 4735 CHINA, R. Xinjiang; 1652, DM and YL w/tx, band mx at 1654, tent. ID and more tx (Park 4/2)
- 4740 AFGHANISTAN, RA; 0125, IS until 0127 w/poss. NA. same tune as IS but different arrangement, at 0130, ID and YL tx, into Koran at 0132 (Bolland 3/13)
- 4750 ZAIRE, R. Lumbumbashi; 0405, DM host w/slew of Afro melodies, fair lvl (Nikolich, 4/14)
- 4753.4 SULAWESI, RRI/Ujung Pandang; 2213, IN, fair signal this afternoon w/YL tx and mx, signal improved by 2230 when nx was presented (Bolland 3/11)
- 4755 PERU, R. Huanta; 1045, SP tx by OM, huaynos mx, TC (Z-5), and ads at 1054 (Bolland 3/23)
- 4774.5 INDONESIA, RRI/Jakarta; 1207, IN, OM nx until 1214 (Bolland)
- 4774.9 UNID; SP ballad w/YL singer at 0305, quite strong, LA pop mx at 0311, gone at 0404 check (Young 3/8)
- 4775v PAKISTAN, FBC/Islamabad; 1345, sub-cont mx, ID at 1400, very muffled audio, but decent signal lvl (Sams 3/9)
- 4777 GABON, RTVG; tent at 2200, Afro mx, Afro nx by YL w/correspondents' reports, no ID hrd (Dillon 3/7)
- 4780 VENEZUELA, LV de Carabobo; 0105, SP, clear ID by OM, brassy LAm mx, mention of Valencia, TC (Dillon 3/17); 0200, SP political mx (Dickson 3/30)
- 4783 MALI, RM; 2335-0001x, FR, lcl mx, OM tx into NA by military band at 0000, //5995 (Alexander 3/10); 2338 (D'Angelo 3/10)
- 4785 COLOMBIA, Ecos del Combeima; 0125, ID, EZL mx, some love songs and ballads, too (Dickson 3/18)
- 4789.3t INDONESIA, very weak audio from mic during anmts at 1133, but when mx played at 1138, very strong w/IN ballad, gone at 1237 check, probably Fak-Fak (Young 3/11-21)
- 4792 ECUADOR, Emisora Atalaya; 0235, LA pops, some ads, OM/YL DJs, plenty of reverb! (Dillon 3/9); 0448-0500x (Kremer 3/27)
- 4795 ECUADOR, LV de los Caras; 0211, SP, LA pops w/OM DJ, mention of Caraquez at 0230 (Dillon 3/9)
- 4796.5 BOLIVIA, R. Nueva America; 1035, SP, OM, mx and ads (Bolland)
- 4800 LESOTHO, RL; 0259, NA, s/on, ID and anmts, into relig. choir signing (D'Angelo 3/26); 0442, "The World This AM" in EG (Niekamp, MN 4/1); 0450, EG ad for video store (Nikolich)
- 4810 PERU, R. San Martin; 0355, ID, NA and s/off (Field, MI 4/3); 0115, SP, nx, LA mx (Dickson 3/29)
- 4810 GABON, Africa No. 1; 2145, FR, world nx by OM, high life mx, ID by YL at 2200 (Dillon 3/8)
- 4810 UNID, orchestral mx at 1453 and terribly weak signal, no TC on the hour and into tx by OM voice in poss. EG, peaks about the same time as Baku on 4957.5 (Young 3/23)
- 4815 BRAZIL, R. Nac. de Tabatinga; 0240, PT, two men in an interview, classical mx (Fleming, MD 3/12); 1038, PT, OM w/tx, happy mx and IDs (Bobb 3/11); 0205, ballads (Jordan 3/9)

- 4815 BURKINA FASO, RTB; 0635, FR, OM in FR, mx, tx, ID at 0700 (Trotto 3/25); audible after AND s/off w/long tx by YL and OM, ID, "Ici Ouagadougou," then NA (D'Angelo 3/31); 2355-0001#, recorded mx, NA (Bolland 3/10)
- 4820 BOTSWANA, RB; 0452, lang to 0500, EG nx afterward, QRM de HRVC (Kremer 3/12); 0358, EG, cowbell IS, s/on (Niekamp 4/1)
- 4820 ECUADOR, R. Paz y Bien; 0900, SP, mx, OM ID (Bobb 4/3)
- 4820 HONDURAS, HRVC; 1022, SP, lcl nx, relig. px (Fleming 4/3); 0335, SP, relig mx, OM tx, IDs (Dillon 3/9); 0153 (Feeley)
- 4825 BRAZIL, R. Educ. Braganca; tent at 0836 w/OM and YL tx in PT, "Ave Maria" melody... (Bobb 4/1)
- 4830 VENEZUELA, R. Tachira; 0345, SP, drama, ads, IDs, NA and 0403# (Dillon 3/9)
- 4832 COSTA RICA, R. Rele; 00520, SP, LA mx w/many TCs, ads, nx, //6006 (Fleming, 3/20); 0404, nx by YL, ID by OM, ads, TC, brassy Latin tunes (Dillon 3/9)
- 4840 PERU, R. Andahuaylas; 0232, rather weak w/monotoned SP OM ID between huaynos (Krueger, FL 4/8)
- 4845 BRAZIL, R. Nac de Manaus; 1055, PT, OM nx and ID (Bolland)
- 4845 COLOMBIA, R. Bucaramanga; 0424, classical mx to 0430, mention of Colombia and ID, presumed NA and off at 0434 (Dillon 3/9)
- 4845 INDONESIA, RRI/Ambon; 1335, IN, mx, pr lvl (Kondo, Japan 3/28); 1300, IN, tx on exports and economy, 1314, ID w/YL giving freqs, "61.9, 92.5, 416.6 meter and 105.5 MHz FM," (Wilkins, CD 3/19)
- 4845 MAURITANIA, RNM; 2200, AR, OM w/tx abt Arab culture, bagpipe mx, heavy UTE QRM (Dillon 3/8)
- 4850 CAMEROON, RC; 2100, EG, OM w/nx and IDs, political commentary after nx (Cobb, ME 3/18); 2153, FR, OM w/mention of Cameroon, Afro mx, nx at 2200 (Fleming 3/18); 2135, FR, Afro mx w/OM DJ, IS and nx at 2200 (Dillon 3/20)
- 4850 COSTA RICA, R. Columbia; 1231, SP, LAM mx, nx by 2 OMs, economic rpt, TC, ads & world nx (Dillon 3/9); 1055, exc. signal w/farming economic px (Fleming 4/3); 0410, OM w/quick ID as "Aqui Columbia," phone conversation (Park 3/4); 1057, SP mx, TCs (Bolland 4/6); 0440, several IDs (Hill, MA 3/31)
- 4850 VENEZUELA, R. Capital; 0920, pop mx in EG, ID in SP (Hill)
- 4853 YEMEN, R. San'a; 0332, AR w/OM until 0336, then some local chanting (Bolland 3/2)
- 4860 USSR, RM; 2359, EG, Nam Svc, //7115, 7165, IS and ID at 0000 (Frath, FL 4/6); 2320, EG OM tx, //7335 (Bolland 3/5)
- 4865 COLOMBIA, LV del Cinaruco; 0158, EZL LA mx, s/off anmts and NA at 0200 (Dickson 4/1); 0250, ballads and ads, IDs, good tonite w/QRM (Niekamp, MN 3/22); 0120, both Cinaruco and CARACOL IDs, lively LA mx (Dillon 3/17); 0253 (Bolland 3/26) 0256, news from CARACOL at 0300 (Kremer 3/27)
- 4870 BENIN, ORTB; 2219, FR, highlife mx until 2230 ID and brief tx by OM, some romantic FR vocals (D'Angelo 3/31); 0506, highlife and rock, strongest I've ever heard 'em (Niekamp 4/3); 0628, possible nx, ID, fair signal (Trotto 3/25)
- 4870t ECUADOR, R. Rio Amazonas; 0135, mx to 0154, Ecuadorian mx at 0205, much QRM (Field, MI 4/4)
- 4875t BRAZIL, R. Nac. Boa Vista; 0125, PT, OM w/tx, mentioned Boa Vista, pleasant mx (Bobb 3/16)
- 4875 COLOMBIA, R. Super; 0135, SP, LAM mx, OM DJ, many IDs, TCs, canned IDs, slight het (Dillon 3/17)
- 4880 SOUTH AFRICA, SABC; 0420, AK, YL OM, polka mx, group hymn and prayer by OM, into pop mx (Sharpe, CA 3/30); 0418, AK, OM playing Pavarotti and other classical mx (Park 3/3)
- 4885 BRAZIL, R. Clube de Para; 0110, PT OM w/QRM from station KKN44 call tape every minute or so (Bolland 3/7); 0830, OM w/TC and vocal mx, ID (Bobb 3/19)
- 4885 COLOMBIA, Ondas del Meta; 1105, LA pops, OM DJ, ID and TC after every 2 or 3 songs (Dillon 3/17)
- 4889.8 ECUADOR, R. Cent. del Sur; LA mx, SP anmts at 0312, heavy QRM de SP SSB strn (Young 3/2); 0140, EZL mx (Dickson 3/18)
- 4890 SENEGAL, RS; 2256, OM tx w/recessionist (3/13); 0704, nx, many mentions of Senegal (Kremer 3/12); *0800, FR nx (Hill)
- 4895 SARAWAK, RMS; 1335, armchair copy in Malay, OM seemed to be delivering some sort of serious message, //5005 (Palmer 3/28)



LOG REPORT

section B

4900 to 6199 kHz

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

- 4900 VENEZUELA R. Juventud, 2355 3-8, rock, male DJ, ID 0000, YV mx (Dillon-MD).
- 4902 SRI LANKA Prob. Colombo 2357 3-22, mx, pips 1400, talking past 1409; always under BIG FAX carrier, but stn very strong this day; hrd other days but not this strong (Young-CA).
- 4905 CHAD N'djamena, mx at 2154 tune-in 3-30, s/off armts in FR, choir, instr.NA to 2201* (D'Angelo-PA); 0500 3-11, kids chorus, NA-like, hi-life mx (Kremer); Afr mx in FR at 0520 3-9 (Swaringen-NC).
- 4905 BRAZIL R. Araguaia, PT talk, mx, fluttery 0040-0055 4-3 (Bobb-MN); LA pops, fair 0220 3-27, several IDs (Dickson); 0230 3-16, mx, canned IDs arnd hr and half-hr (Bolland-FL).
- 4905 BRAZIL R. Relogio Federal, 0000 3-20, ID, talk, gal with TC every minute; fair (Bobb-MN).
- 4910 GUINEA Conakry, poor 2337 3-12, FR Afr singing, talk between mx segments (Bolland-FL); 2351 3-20, hi-life mx, s/off armts, ID, NA, carrier cut 0001*; low modul (D'Angelo-PA).
- 4910 ZAMBIA Lusaka, 0400-0415 3-12, IS, ID, nx, talk, good in vernac (Trotto-FL).
- 4911 ECUADOR Em.Gran Colombia, SP nx 2305 3-25, ads 2315, full ID (Bolland-FL); nx 0235 3-27, good sig (Dickson); pops 0305 4-4, spot IDs, promos (Jordan); Inca Cola ad with popping bottle top, LA mx, nx with many Quito items, 0354 3-20 (Kremer).
- 4915 BRAZIL R. Anhanguera, PT Beatle songs, ID, fqy armts, romantic tunes, fair 0335 3-12 (D'Angelo-PA); ID by man 0933 3-15, bird chirps in background, mx, fair-good (Bobb-MN).
- 4915 BRAZIL Rdif. Macapa, canned ID by man at 2315 4-6, pop mx, fair sig (Bolland-FL).
- 4915 COLOMBIA Armonias del Caqueta, 1045, man with talk, quiet mx, chimes, ID 1103 3-9 (Bobb-MN).
- 4915 GHANA Accra, nx, s/off 2205* 3-22 (Dillon-MD); singing, TC, nx, 2141 3-21, fair (Trotto-FL).
- 4920 AUSTRALIA ABC-Brisbane, pops 0745 3-23, wx, poor (Speer-CA); jazz 1220 3-17 (Dillon-MD).
- 4920 ECUADOR R. Quito, harp mx, ID 0010 3-9, ads (Dillon-MD); ads 0059 3-3 (Ponder); 0225 on 3-17, LA pops, big band mx, ads, TCs, strong signal (Dickson).
- 4930 HAITI 4VEH, FR rel.prgm 0030 3-9, mention of ltes from listeners, good sig (Dillon-MD).
- 4935 PERU R. Tropical, mostly mx 0931 3-29, poor (Bolland); talk 1105 3-11, fading (Bobb-MN).
- 4939 BOLIVIA Prob. R. Norte, vy weak 0053 3-10, armts, SP mx, orch.piece to 0153* (Young-CA).
- 4945 COLOMBIA Caracol Neiva, live mx prgm 0045 3-9 (Dillon); //4865 frm 0330 3-26 (D'Angelo).
- 4950 CLAND R. 15 de Septiembre, 2258 4-4, talk, ID later, think hrd P.Rico address (Bolland-FL); usual prgms 4-10 0441, 0552*; 85 is año de "la verdad," "la ofensiva final"(Wilkins-PA).
- 4950 SARAWAK Kuching, EC nx 1137 3-16, gal talking 1140, then mx, poor sig (Bolland-FL). CO).
- 4955 BRAZIL R.Cl.Rondonopolis, mx 0815 3-29, ID ment.MG, Rondonopolis; fair (Bobb-MN).
- 4958 AZERBAIJAN SSR Baku, singing 3-28 1437, peaks arnd 1420, lost audio by 1455 (Young-CA).
- 4964 BRAZIL R. Alvorada, 2200 3-30, ID, sev.men talking, mx, very strong (Valko).
- 4964 BRAZIL R. Poti, pops 2255 4-5, ID 2300, 0302* (Alexander-PA); ID 2331, talk, vocals, P-F (Bobb); ID 0100 3-28, relig.prgm (Bolland); campo 0900 4-4, ads, jingles (Wilkins-CO).
- 4965 BOLIVIA R. Juan XXIII, Ind.relig.prgm, full ID 1016 4-11, then mensajes (Wilkins-CO).
- 4970 VENEZUELA R. Rumbos, LA mx 0035 3-11, TC, canned ID, doorbell, F (9660 poor)(Dillon-MD).
- 4980 SWAZILAND SCR, harp 0559 3-13, M&W annncs 0600, extremely weak, orch. mx (Young-CA).
- 4980 VENEZUELA Ecos del Torbes, ID 0150, TC, spirited LA mx, live rpt by correspondent(Dillon).
- 4985 BRAZIL R.Br.Central resumed, 0917 3-20, mx over QRM, very poor signal (Bolland-FL).
- 4990 NIGERIA Lagos, blasting in 2235 4-6, Bible rdng, mixing w/LA stn but no prob (Bolland-FL).
- 4990 S. AFRICA R. RSA, IS, IDs, pips, prgm prvw, nx in Chicheva, 1658 4-2 (Park-HI).
- 4990 VENEZUELA R. Barquisimeto, talk abt photo exhib, 0020 3-11, ID, guitar mx (Dillon-MD).
- 4995 MONGOLIA Tent. Choibalsan, weak, WWV splatter, 1345-1410 3-28, Asian mx, man annnc, RM-like pips 1400, talk, both M&W; not positive, but maybe then (Palmer-WA).
- 5000 TAIWAN BSF time stn, not SWBC but finally separable frm JJJ, BPM, 1429 3-5 (Young-CA).
- 5005 SARAWAK Sibn, strong 1307 3-28, stringed mx, talk 1515, gal later, to 1355 (Palmer-WA); chanting at 1333 on 3-26, //4895 (Sams-KS).
- 5006 SURINAM R. Apintie, 0105-0210 3-12, mx, jingles, talk, DT ID, sounded like DT and vernac; P-VP sig (Jordan); 0253 3-2, under PSK, mx, talk, gone at 0407 recheck; drums, short NA to 0400* 3-30 (Young-CA); 0300-0400* 3-2, EZL mx, NA 0359 (Swaringen-NC).
- 5009v PAKISTAN Rawalpindi, per Gruendl tip, 1355 w/strings, no ID; 5011 later days (Sams-KS).
- 5010 CAMEROON Garoua, opera with piano 2220 3-10, world nx 2300, ID, NA, 2305* (Dillon-MD).
- 5010 MADAGASCAR Tananarive, IS *0258 3-31, choral NA, ID, talk, choir, poor (D'Angelo-PA).
- 5010 PERU R. Eco, 0246 3-27 with two echo IDs, choral NA, 0256* (Johnson-TX).
- 5011v UNIT., maybe Madag. Strong pops 1441, Ind lang, gone by 1456, 3-14; 3-28, off 1450* on 5008.6; 3-29, 5009.1 at 1410, on 5011.9 at 1435; Afr-type drums to 1451* (Young-CA).
- 5015 CLAND R. Truth, *0430 3-31 with anti-Zimbabwe nx, cntry, weak (Hill-MA); *0431 in USB, bird calls, ID, into nx, fair-good (Tutak-NJ); 3-10 to 0500*, EG ID (Brouillette).
- 5015 USSR RS stn, Vladivostok, poor during Chernenko funeral, 0940 3-13 (Park-HI).

- 5020 ALBANIA Gjirokaster, time ticks 0351 3-22, NA at 0400 opening, ID, s/on armts by man (Johnson-TX); prob. nx 0506 3-9, //5057 (Swaringen-NC).
- 5020 NIGER Niamey, just caught s/off armts by YL, IS, NA, to 2203* 3-30; also 0530 (Valko).
- 5020 SOLOMON IS. Honiara, EG rock mx, nx, poor 0730 4-4 (Pyatt-VA); EG ID 0807 3-15, poor but in the clear after many tries; QSL in 19 days (Stuart-OK); comedy 1048 3-13 (Bolland-FL).
- 5025 CUBA R. Rebelde, man DJ 2215 3-22, LA mx, nx, canned ID 2230, TC (Dillon-MD).
- 5026 UGANDA Kampala, EG nx 0400 4-1, hvy accent made hard to understand (Hill-MA).
- 5030 VENEZUELA R. Continente, lively LA mx 2230 3-9, TC, ad, several IDs (Prath-FL).
- 5035 UNID. LA vry weak to 0257* 3-8; no NA, maybe PT, not typical LA; Aparecida? (Young-CA).
- 5039 SUDAN Omdurman, nx 2145 3-10, chants, tent.ID before NA and 2200*; poor (Dillon-MD); chants 0410 3-11, talk, het, no ID (Paszkiwicz); weak 0419 3-10, instr.mx, military mx w/talkover by man anncr; pips 0430, ID, march mx, maybe into nx; all AR (Tutak-NJ).
- 5040 CHINA Fujian-? with EG nx 1503 3-14, //4200; R. Beijing IS and *1400 EG 3-31 (Young-CA).
- 5040 COLOMBIA R. Cinco, lively LA mx, man DJ, 0205 3-17, doorbells, ads, promo (Dillon-MD).
- 5040 ECUADOR LV del Upano, instr.mx 0153 3-1, full IDs, two NAs, ID, 0207* (Young-CA).
- 5050 ECUADOR R. Jesus del Gran Poder, Catholic mass at 1043 4-3 (Fleming).
- 5047 TOGO Lome, pops 2144 3-6, DJ, nx 2200, interview, poor (Dillon-MD); ID 0530 3-11, relig. mx (Kremer); Afr mx 0543 3-9, FR programming (Swaringen-NC).
- 5055 COSTA RICA TIFC, exc w/Billy Graham EG 0300 3-12 (Fleming-ND); into SP 0400 4-4 (Palmer- WA).
- 5055 ECUADOR R. Catolica Nacl, talk, prayer 0302 3-22, NA to 0305* (Niekamp-MN).
- 5055 SWAZILAND TWR, IS under TIFC 0355 4-4, seemed GM 0400, EG 0430 (Palmer-WA).
- 5057 ALBANIA Gjirokaster, talk 0419 4-5, ID, folk mx, ID, fair sig, //5020 (Trotto-FL).
- 5059 UNID. Prob. Burmese Army Stn, 1211-1241 3-11, pops, talking by gal (Young-CA).
- 5061 ANGOLA Prob. ER do Huanbo, Afr mx, PT talking, 0523 3-5, drums 0530, gone 0553 (Young-CA)
- 5065 USSR Petroszavodak, fair 0106 4-1, tent., M&W anncrs, hvy RTTY (O'Brien-UK).
- 5095 COLOMBIA R. Sutatenza, ID 0230 (Dillon-MD); full ID 0358, mx, campo mx, usual CW (Brouill-ette)
- 5120 VIETNAM Nghia Binh, VG 1335 3-24, talk, drama; to 1254* 3-26 (Young-CA).
- 5145 CHINA Beijing, IS 1200 3-10, s/on //5850, lang.tent. Mongolian (Prath-FL).
- 5199.7 UNID. FE stn seems *1130 after guitar-type IS, to 1400*; talk, drums, 5200 QRM(Young).
- 5200 CHINA PLA-2 w/het frm above stn, 1123-1428; maybe 2x2600, but not hrd 7800 (Young-CA).
- 5238 AZAD KASHMIR AKR, vry strong and in the clear, Urdu 1318, talk, chants (Young-CA).
- 5275 PERU R. Moderna, 0024-0038 3-6, mx, talk, ID 0037, fair signal (Bolland-FL).
- 5288 CHAD R. Mondou, mx prgm 0513 on 4-2, faded by 0532; no ID, so tent. (Field-MI).
- 5366 ANGOLA R. Nacl, nx 0400 (Murff); nx to 0515, ID, fqs, hi-life, RTTY QRM (Valko).
- 5555 CLAND R. 15 de Septiembre, usual talk to 2352* 3-18 (Alexander-PA); Bush remx, ID, NA, 0519* 3-20 (Niekamp-MN); sirens, armts, ID 0017, NA to 0019* 4-6, on 5565 (Alexander agn).
- 5900 SPAIN Madrid, EG nx 2302 3-10, ID; NF-?(Obbb-ME); nx 2305, sports, prgm (Prath-FL).
- 5900 USSR RM WS, FE site, EG at 1842 3-1, pop mx, talk, //5920, 9580 (Park-HI).
- 5910 BELGIUM BRT, 0020 3-25, EG nx, features (Bear); 0029, 0035 (Levison-PA); mailbag prgm at 0050 3-20 (Alcorn-NJ); mx, crayfish recipe, 0110 3-25 (Marker-IL).
- 5920 USSR RM WS, FE site, EG nx brief 1830 4-3, "Hrds and Music," hvy local QRM (Park-HI).
- 5930 CZECHOSLAVAKIA Prague, SP 2334 3-24, mx, ID (Hinnov).
- 5930 USSR RS, FE site, Chernenko's funeral 0944 3-13, also on 5940-Magadan (Park-HI).
- 5945 AUSTRIA Vienna, cmtry at 0035 on 3-23 (David); 0130 3-25, ID, nx, "Tourism in Austria" (Hinnov); nx and features in EG, 0130-0200 3-27 (Bear); IS, EG ID, 0155 4-2 (Marker-IL).
- 5955 PERU R. Huancayo, man with ID 0812 4-4, varied mx, poor in het (Bobb-MN).
- 5960 CANADA RCI, exc 0300 w/RCI Journal 3-22 (Bear); 0304 3-11, FR nx, 9755 jammed (Park-HI); sports rpt 1250 3-9, ID, world nx, "24 Hours", very good signal (Dillon-MD).
- 5970 SPAIN Madrid, popular SP mx, 0450 on 3-20, address for rpts, all SP till 0500 EG (Fleming); rpt on SP fishing rights, 0505 3-29, EG, //6125 (Alcorn-NJ); EG 0510-0515, ID 0512, intl nx, //9630, on 3-9 (Swaringen-NC).
- 5975 S.KOREA Seoul, EG at 1800 on 4-1, ID and sked, M&W with nx, QRM (Park-HI).
- 5980 USA KGEI in RS at 1325 3-10 with relig.mx, ID 1330, RS talking by man (Dillon-MD).
- 5982 MEXICO XEUJ, man with IDs 1137 3-12, instr. and vocal mx, fair-good sig (Bobb-MN).
- 5985 BOLIVIA R. San Jose, 0940 on 3-1, non-stop local instr.folk mx, many flutes, ID by man at 1000, more mx; not noted in a while, and seems weaker than when hrd last yr (Valko); 1057 on 4-8, CP mx, "Candor Passa" presumed, as poor sig and could not get ID (Bolland-FL).
- 5990 ROMANIA Bucharest, in Roum 2258 3-9, IS, s/on with ID by gal, nx (Prath-FL).
- 5990 USSR FE site, RS stn at 1058 3-11, clas.mx, pips, nx, RA-5995 QRM (Park-HI).
- 5995 AUSTRALIA RA, EG nx at 1200 on 3-3 (David); good at 1205-1230 4-4, nx, "4 Corners" prgm on Pakistan, IDs, wx, mx (Bonnet-IN); Australian nx 1230 on 3-31 (Green); 1340-1400 on 3-10 with pops, ID, world nx at 1400, this to mid-Pacific; weak signal (Dillon-MD).
- 6000 AUSTRIA Vienna, EG ID 0145 3-26, address, sports prgm (Marker-IL); same date, sports, ID, sked, then same in GM, IS, very good sig (Dillon-MD); 0330-0400 4-2, nx, wx, talk on trains (Bonnet-IN); 0430 3-25, fair with "Ltr from Austria," "SW Panorama," //5945 (very poor) (Speer-CA); 0434-0456* 3-12, nx, sports, features, all EG (Tilbury).
- 6000 BRAZIL R. Inconfidencia, relig.prgm to 0902 3-19, then man anncr with wake-up fare (Wilkins-CO); ID 2330 3-15, sound effects, fair in QSB (Bobb-MN).
- 6000 UNID. 1158-1200 on 4-6, CH talk, CH mx at 1141, poor signal (Bolland-FL).
- 6005 ASCENSION IS. BBC WS, ID 0400 3-28, "Newsdesk," fair signal with Austrian QRM (Trotto-FL); 0502 on 3-9, nx on Lebanon, Iran, all EG (Swaringen-NC).
- 6005 CANADA CFCX, EG 1840 3-10, income tax PSA, Expo's baseball, fair sig (Dillon-MD).

- 6006 COSTA RICA R. Reloj, in SP at 0950 on 3-16, ID and mx (Hinnov).
- 6010 BRAZIL R. Aparecida, 0005 3-14 with M&W talking, chorus, man with ID (Bobb-MN).
- 6010 USA KGLI, EG ID at 1000 on 3-16, then into RS prgm (Hinnov).
- 6012 ANTARCTICA Vy tent. AFAN-McMurdo, carrier 0610 3-10, bits of audio on various dates 0600-1000, US pops only, no PSAs, talk, etc; solid pops 3-22 0653-0807; automated? (M&W-CA); unid. 1000 3-22, non-stop pops, too weak to ID (Bobb-MN).
- 6015 NICARAGUA Voice of Nicaragua, EG 0110 3-11, talk on CIA, colonialism, good signal (Dickson); nx, talk on US intervention, 0410-0436 3-15 (Tilbury).
- 6015 USA LV de OAS tent., 3-10 0200-0230 talks on Korea, Taiwan, frequent ments of LV de OAS but no definite ID hrd; coincidence in showing up near Nicaragua-0618? (Hardeste-CA).
- 6025 NETH.ANTILLES RN-Bonaire, "Media Network" 1114 on 3-28, under Moscow (Park-HI).
- 6025 HUNGARY Budapest, EG 0310-0330 3-10 (Bonnet-IN); Rung 2140-2150* 3-26, fair (Dillon-MD).
- 6030 JAPAN Tokyo, in Korean 1030-1055, mx, talk, ID, fair w/APRIS QRM (Trotto-FL).
- 6030 USA APRIS, basketball 0338 3-22 (Park-HI); nx 0504 3-9 (Swaringen-NC); nx, "Perspective," APRIS ID, EZL mx, 1240 to sudden 1300* on 3-17 (Dillon-MD).
- 6035 BRAZIL R. Globo, peppy song 0923 3-18, talk, drums, fast sports, fair (Bobb-MN).
- 6040 FRG DW, nx and features in EG in N.Am Svc, 0100-0150 on 3-23 (Bear).
- 6040 USA VOA, SP noticias, TC, ID, Yankee Doodle, closing ID, 1340-1400* 3-17 (Dillon-MD).
- 6045 BRAZIL R.Cl.Paranense, ID 2325 on 3-16, talk, mx, fair-good signal (Bobb-MN).
- 6055 CZECHOSLAVAKIA Prague, EG 2150 3-26, ltrn, ID, IS, into Italian 2200, nx, F (Dillon-MD).
- 6055 PERU R. Continental, talk, messages by gal, tone on hr, ID, 1100 3-15 (Trotto-FL).
- 6055 FR. GUIANA RFI, presumed Fr.G, *0500 3-22 in SP, booming, //9800 (Wood-HI).
- 6060 AUSTRALIA LA, 1157-1230 4-6, nx, vocalizing (Bonnet-IN).
- 6060 FRG VOA-Munich, Polish 2205-2230, nx, ID, poor; not sure of site (Dillon-MD).
- 6065 BRAZIL R.Nacl da Amazonia, *0750 IS 3-26 (Wood-HI); ID noted at 0850 3-14, good(Bobb-MN).
- 6065 COLOMBIA R. Super de Bogota, 0556 3-12, IDs, lively mx, F-G sig (Bobb-MN).
- 6065 USA VoFC over WYFR, lang.lesson 0250 3-3 (Kociela); WYFR EG prgung 0706 4-4 (Park-HI).
- 6070 BULGARIA Sofia, EG ID 2140 3-29, asked changes, CFRX QRM (Dillon-MD).
- 6070 CANADA CFRK-Toronto, MW/SW IDs 0222 3-10 (Ponder); 1850 3-10, TC, wx, ID, VG(Dillon-MD).
- 6075 FRG DW, GM 2150 3-29, mx, ID, IS, nx(Dillon-MD); GM mx 0520 (Kociela).
- 6090 CUBA Havana, LA mx 0430 3-23, ID, "Socialism in the World," EG (Dillon-MD).
- 6090 LUXEMBOURG R. Lux, rock mx, GM amnts, 1915-2000 (Swaringen-NC); ditto 2115-2205, UK address, relig.mx, EZL mx, fair-good 3-16 (Dillon-MD).
- 6095 ECUADOR HCJB, DKPL 0230-0300 3-12 (Fleming-MD); pop mx 0415 3-23, ID, TC (Dillon-MD).
- 6095 USA WYFR, *1355 3-22 with IS, into FR religious prgm, good signal (Wood-HI).
- 6105 COSTA RICA R. Universidad, clas.mx, ID, other amnts, KA to 0356* 3-26 (Johnson-TX).
- 6110 PHILIPPINES VOA, EG nx 1119 3-15, ID, "Newslines," prgm preview, ID, more nx, fair sig (Trotto-FL); "Worldwide SW Spectrum" prgm ev.1st Thurs, 1730 3-7 (Park-HI).
- 6115 USSR RS stn, FE site, Chernenko funeral coverage 0949 3-13 (Park-HI).
- 6118 COLOMBIA LV del Llanco, pop LA mx 0524 3-15, man anncr, sports prgm 0530 (Fleming).
- 6120 USA KGEI, 1130 3-15 in Japanese, ID, talk, possibly nx, fair signal (Trotto-FL).
- 6125 SPAIN Madrid in SP 0340 3-25, LA mx, //9630(Johnson-TX); EG nx 0507 (Kociela).
- 6130 ECUADOR HCJB, EG "Words of Hope" prgm at 0800 on 4-4 (Park-HI).
- 6135 POLAND Warsaw, end of EG prgm 2255 3-17, into clas-mx concert, //7270 (Prath-FL).
- 6135 SWITZERLAND SRI, EG "Dateline" 0135-0215* on 3-25 (Bonnet-IN).
- 6140 AUSTRALIA Presumed ABC by longpath, 2300 3-12, nx, Br.accent, pops, not //BBC (Sams-KS).
- 6140 CUBA Havana, EG "PO Box 7026" 0145 3-11 (Dickson); EG 0410 3-23, talk, mx (Dillon-MD).
- 6145 FRG DW, GM ID 0405, world and GM nx, sports cmtry, very good signal 3-23 (Dillon-MD).
- 6155 ANTIGUA BBC relay, SP ID at 0400 on 3-23, then world nx read by man, F-G (Dillon-MD).
- 6155 JAPAN FEN, poor at 0737 3-6 with aerobics PSA, band mx (Park-HI).
- 6160 GREECE VOA-Kavala, tho not sure of site; RS 0330-0400, Afghan, nx (Dillon-MD).
- 6165 MEXICO XEWV, ID by man 0830 4-2, talk, ID, fair signal with SRI QRM (Trotto-FL).
- 6165 NETH.ANTILLES RN-Bonaire, SP to 0220*, 40's style roller skating mx (?-JE)(Dickson); good rcpn 0230-0300, EG world nx, vocal mx, book talk (Bonnet-IN); exc with nx, "SW Feedback" 0230 3-23 (Bear); "Fri Rpt" 0245 3-23, 0325* (Dillon-MD); EG nx 0545(Swaringen-NC).
- 6165 SWITZERLAND SRI, EG at 0700 4-7, nx, health features, weak in Eur.Svc (Hill-MA). NC).
- 6175 ANTIGUA BBC relay, EG "Ltrbox" 0155 3-9, ID, world nx, press rvw, VG sig (Dillon-MD).
- 6175 PERU R. Tawantinsuyo, 0810 3-25, Andean mx, TCs, full ID 0830, good sig (Wood-HI); OA vocals 1105 4-11, nx or comunicados, deteriorating after 1115 (Wilkins-CO).
- 6175 USSR RS with poor sig 1134 3-13, post-funeral clas.mx, //6115, 6190 (Park-HI).
- 6180 ANTIGUA BBC WS, financial nx 2233 3-17, ID, //6175 (Trotto-FL).
- 6180 VENEZUELA R. Turismo, mx, ade, many slogans, IDs, fair-poor 1016-1102 3-20 (Niekamp-MN).
- 6185 PHILIPPINES VOA, EG lessons in CH xman, 1147 3-15, fair sig (Trotto-FL); tent. this one 3-19, CH-EG lesson 1155, instr.mx, ID in EG-CH, IS, fair signal (Bobb-MN).
- 6185 USA WRNO, 0450 4-6, ID, talk, rock, poor sig (Trotto-FL); "WoR" 0530 3-9 (Swaringen-NC); pops 0510 3-15, DJ, request for letters (Tilbury).
- 6185 VATICAN Latin mass 0440 4-6, WRNO WRN, poor signal overall (Trotto-FL).
- 6190 JAPAN NHK home svc, location uncertain, 0800* 3-26 in Japanese, listing xmtrs, fqys, etc; WRTH doesn't list these AM fqys that have been on for 20 yrs; fair sig (Wood-HI).
- 6190 PERU R. Oriente, ID 1028 3-20, fair signal (Niekamp-MN).
- 6190 USA VOA, SP ID by male anncr 0120 3-21, nx, ID, signal was good (Trotto-FL).
- 6195 CANADA CBC Nq SW Svc, "As It Happens" 0230 3-23, VG signal(Dillon-MD). 73 till June-



LOG REPORT

section C

6200 to 11699 kHz

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Messages can be sent via THE SOURCE, ID# BCN614

- 6200 NICARAGUA R. Sandino; 0110 SP, lively LA mx, ID 0118 (Dickson 3/8); 0435-0503 SP LA mx, address, nx at 0500 (Fleming 3/20).
- 6215.5 LEBANON V. of Hope; 2155-2220 EG rel pgm, TC, ID at 2158 (Alexander 3/31); *0400 AR, IS, Lebanese anthem, into songs; not King of Hope as WRTH 1985 wrongly shows it on page 537. Voice of Hope is the SW, King the MW (Wood 3/21). Dual operation? -ed.
- 6230 CLAND. R. Monimbo; 0020-0239 SP, nx, Easy listening LA pop mx, W ment. Nicaragua, Sandinistas (Alexander 4/5, Fleming 3/19, Paszkiewicz 3/11).
- 6233 LEBANON V. of Arab Lebanon; *0400 AR, NA, call to prayer (Wood-HI 3/21).
- 6553 CLAND. R. Venceremos; 0245-0411 SP, martial mx, El Salvador talk, revolutionary & popular mx (Dillon 3/17, Fleming 3/13); 0312* w/ID on 6560 (Field 4/2).
- *6562.5 PERU R. Tacna; 0012-0410 since 4/7, respectable signal but low audio, in parallel to excellent 9485.9 w/mixed bag of local & US/UK pops, many ID's (Krueger).
- 6576 KOREA DPR R. Pyongyang; 2218-2239 KR nx, mx; good (Fleming 3/18).
- *6578.1 ECUADOR R. Omega; 0103-0314* fair-good, SP M reverb messages and ID's, HC folk vocals, 0312 schedule for "pascua" church services, off midsong; many audio breaks and varying from 6577.9 to 6578.1 (Krueger 4/7).
- 6647 PERU UNID.; 0231 musical pgm typical of Peru; OA NA at 0358* (Field 3/23).
- 6665.2v CLAND. LV de Alpha 66; 0203-0227 SP M&W, brief mx breaks, ID's 0214, 0226; pulled plug midway thru song at 0227; drifted up to 6668.8 by s/off (Alexander 4/6); 0205-0230* SP commentary directed to the Youth of Cuba (Fleming 3/19).
- 6724.4 PERU R. Satellite; 0335 ID, instrumental mx & W ancr (Johnson-TX 3/28).
- *6754.1 MEXICO R. Consentida XEPAJ, México DF; 0600-0705, clear/fair in AM mode on one of their rare "mystery" appearances (18 MHz & 24 MHz. in past years). Hyper SP M DJ, ranchera mx, frequent "R. Consentida" ID's, ads; at 0700 carted "XEPAJ, 1560 kilo-Hertz, diez mil watts potencia en México. Presumably a remote/STL xmtr or UTE relay as not a workable harmonic of 1560 (Krueger-FL 4/11).
- *6791.5 PERU R. Selecta de Virú; 0229-0320 fair using LSB; M ID "en R. Selecta" 0234, cumbias (Krueger 4/7); 0215 Latin mx, W ancr between songs; 0238 ID (Johnson-TX 3/28).
- 6815.6 PERU R. Universo, Santa Rosa; 0122, good in passing w/M ID, flute duo (Krueger 4/8).
- 6995 GERMANY FR RFE/RL; 0233 Latvian LSB feeder, ID by M, nx (Trotto-FL 3/21).
- 7010.1p PERU R. Frecuencia Siete, Cajamarca; 0227-0340 noted very poor during checks this time period w/SP M, ballads; presumed per reports (Krueger 4/7).
- 7055 PERU UNID. R. Celendin reported here but no ID understood; signed off with NA at 0400 after music program (Field-MI 3/8).
- 7145 POLAND R. Polonia; 0451 Polish, long tx by M, light instrumental mx; IS & ID's, horn flourish and news (Park 3/26).
- 7170 NEW CALEDONIA R. Noumea; 0820 FR pop mx; exc (Treibel-WA 3/28). Any ID? -ed.
- 7185 GERMANY PDR; 2220 FR political talk by W, ID, on past 2230 (Prath 3/31).
- 7195 ROMANIA R. Bucharest; 2119-2130 EG, ID, Science & Technology pgm (Trotto 3/10).
- 7195 USSR R. Kiev; 0302-0330 EG, Chernenko eulogy, nx, mx; good (Bonnet-IN 3/14).
- 7205 USSR R. Kiev; 0320 EG "Ukraine Today" pgm (Hinnov 3/22).
- 7215 TURKEY R. Ankara; 2135-2150 EG mx pgm, cmnt about Turkey, sked (Hawk 3/24).
- 7245 LIBYA R. Jamahiriya; 0235-0248 AR mx pgm; g (Hawk 3/24). ID heard? -ed.
- 7260 USSR RM N.Am. Svc.; Asia; 0550-0744 EG, features, lbx (Palmer 3/28, Sharpe 3/25).
- 7270 POLAND R. Polonia; 2230 EG nx, cmntry (Paszkiewicz 3/23).
- 7290 USSR RM; 1530-1558 EG, via Vladivostok per UHN; "Focus On Asia" (Sharpe-CA 3/27).
- 7300 ALBANIA R. Tirana; 0338-0357* EG on 3rd conf. of Albanian Communist Party, some very nice folk mx then pgm about crime in "capitalist bourgeois countries" (Brouillette).
- 7300 SWAZILAND TWR; 0428 per Bigley tip is German religious programming and station ID and program schedule by woman (Johnson-TX 3/22).
- 7310 UNITED ARAB EMIRATES R. Dubai; 0338-0345 EG nx by W, ID, address (Trotto-FL 3/23).
- 7320 USSR RM Mayak Svc.; 0545 RS mx; site is Magadan per URSC (Palmer-WA 3/28).
- 7335 USSR RM; 0515 EG, Women in Nat'l Economy; dual 5920 (swaringen 3/9).
- 7345 CZECHOSLAVAKIA RP; 0300 EG nx, missiles, youth festival, Persian Gulf (Dickson 3/17).
- 7360 UNID. 1100-1400 SP LA & US pop mx non-stop (Fleming 3/18); 0220-0300* SP, no anmts, Prince mx & LA ballads; excellent; now moved to 7400 (McLemore 3/19). Cf. 7400 -ed.
- 7365 USA KGEI; 0530* RS, rel pgm, Christian mx, address (Palmer-WA 3/28).

7370 USSR R. Paz y Progreso; 0000-0030 SP, ID, nx, C.Am. cmntry (Fleming 3/19).

7400 CLAND. LV del CID; 0405 SP, EZ listeing mx to 0430, ID's; //6305 (Marker-IL 4/7).

7400 UNID. *0000-0200* mx stn. nightly; first heard on 7360, tnx Magne/Jones; repeated tapes of Nat King Cole, Kool & The Gang, etc., never any voice ID's. Also on 9920 *1300-1500*; format reminiscent of Monimbo's mx tests; apparently a new one gearing up, maybe w/CID help? (Krueger 3/22+). <Maybe they are awaiting that Humanitarian Aid appropriation from Congress to pay for actual programs? -ed.> Only non-stop LA pop mx from *0000-0200*, no anmts, sign/off time variable (Valko 3/31+). All mx sung in Spanish with vocals by Nat King Cole, it comes on abruptly & shuts down the same way, 0000-0200 (Levison 3/23). I have been reliably told it is in Guatemala City -ed.

7404 PIRATE "74 WKUE"; 2118-2126* 60's oldies, ID, Hilo address (Trotto-FL 3/17).

7412 ISRAEL KI; 2232-2249 EG nx w/W, Israeli folk mx (Fleming 3/18).

7420 PIRATE "Razorback R."; 0048-0103* Duran Duran & Yes mx, B. C. address (McLemore 3/11)

7425 PIRATE "Secret Mt. Lab."; 0124-0156* folk mx, neutron bomb ad, Hilo add (McLemore 3/8).

7425 CLAND. R. Iran (t); 0205-0220* Farsi M ment. Afghanistan & Iran, mx interlude, talk about Islam and "Mujahadin", war sound effects, off w/no ID (Dillon 3/30).

7430 PIRATE "Humpty Dumpty B.C."; 0059+ "Life Of An Outlaw" dedicated to all pirate station operators (Feeley 3/22).

7430 PIRATE "KROK"; 2246 DJ "The Fox" w/oldies, Close Encounters theme (Paszkievicz 3/24).

7430 PIRATE "R. Woodland Int'l"; 2334-2349 talk on Loon Lake w/bird sound effects!, reports to Hilo address, ID's from Jack-In-The Green; good (McLemore-FL 3/15).

7430 PIRATE "WYMN"; 0117-0136 folk mx by W, e.g. Judy Collins, ID's by W (McLemore 3/24).

7435 PIRATE "Association R."; 0105 ID & world news headlines, ID; LSB (Feeley 4/1).

7435 PIRATE "WPBR - Pig Boy R."; 0031 hard rock, T-shirt offer for two reception reports & 3 stamps (Feeley 4/1); 0014-0227* Rolling Stones & Steve Miller Band, offers of books like the kind advertised in "Soldier of Fortune" magazine (McLemore 3/18).

7435 PIRATE "R. Woodland Int'l"; 0245-0300 Jack-In-The Green w/talk on the grey wolf, says hello to Joe in Alberta, ID & Hilo address; good (McLemore 4/8).

7480 CHINA RB; 1720 AR mx, ID "Huna Peking" & s/off (Park-HI 3/19).

7490 USSR RM feeder, USB; 0734 EG, Russian citizens answering listeners' letters, hosted by W, ID (Trotto 3/17). These feeders almost all gone to satellite now -ed.

7516 CHINA CPBS-1; 1146 CH, W w/folk mx, dual 7504 (Park 4/3).

7550 KOREA REP. RK; 2211 EG Korean nx, 1.35 million tourists expected in 1985! (Feeley 3/16)

*7670 BULGARIA Domestic Network "Horizont"; 0419 W ancr, mx with chorus & flutes, ID's 0427, 0429; talk by M at 0430 but mx started again at 0433 (Johnson-TX 3/27).

9022 IRAN VOIRI; 1955-2005 EG condemning Iraqi attacks against cities, martial mx at 2000, ID (Dillon 3/17); 2005-2030 EG report on missile attack on Baghdad (Mill-MX 3/16).

9420 GREECE VOG; 0100 GK, mx, into EG at 0130, news (Hinnov 3/18); 0130-0142 EG nx of parliamentary elections & new president, New Democratic Party (Dickson 3/30).

9455 USA VOA, Dixon; 0020 EG Caribbean report; site per QSL (Polchlopek 3/15).

9465 PAKISTAN RP; 1917-1934 FR, soft ME vocals by W, "Ici R. Pakistan" ID at 1930 followed by news; not audible on 12015 today (D'Angelo-PA 3/17).

9475 EGYPT R. Cairo; 1915-1935 AR mx w/W DJ, ID "min al-Qahirah", brief talk about French art in Egypt, play w/audience (Dillon 3/24); 0215-0300 EG to N.Am. (4 reporters).

9485.9 PERU R. Tacna; 0403 pop mx, many ID's; dual 6562.5 (Krueger 4/7+).

9490 USSR RM; 0000 SP to S.Am., IS, Kremlin bells, ID etc. (Jordan 4/4); 0432 FR w/Key-stone Kops type piano mx, "Vous écoutez à R. Moscou Internationale (Park 4/1).

9495 MONTE CARLO TWR; 0750 EG Back to the Bible, R. Monte Carlo ID 0800 (Speer-CA 3/21).

9500 ALBANIA RT; 1905 AR world nx, "Huna Tirana", talk about life in socialist Albania, mx, NA (Dillon 3/10); 0555-0605 SP, wild Albanian mx, ID "Aqui Tirana" at 0600; their political "sell" is softer to other nations than in broadcasts to USA (Palmer 3/10).

9505 IRAQ RB; 1345 AR talk & mx beneath R. Japan; 6 time pips & ID on hour (Johnson 3/26).

9505 JAPAN RJ; 0805 JP nx, sports, cmntry; Spring Sumo Tournament coverage; Hawaii's Konishiki lost (Park 3/22); 1300-1400 EG "General Svc.", nx & DX Corner, mx (Bear 3/24); 1300 EG world nx (Feeley 3/19); 1700 EG nx, Current Affairs (Sharpe 4/3).

9510 MALTA IBRA R.; *2030 EG opening anmts, ID, gospel mx (Alexander 3/17); 2030-2058* Polish?, hymns, ID in EG: "This is IBRA Radio, Malta" (Niekamp-MN 3/14); 2030-2115 EG, rel pgms "Good News" and "Reality", clear ID at 2115 s/off (Ponder 3/10); 2045 tune-in "Reality" pgm "Coming to you from Toronto, Canada", 2115 ID, IS & off (Albert 3/9). 2230 end Turkish, EG ID, into transcription from Toronto; not in WRTH 1985 (Wood 3/24).

9515 MEXICO LV America Latina; 1329 ID, bank ads & other anmts (Johnson 3/25).

9535 ANGOLA RNA; 1905 PT slogans calling on "camaradas e compatriotas"; g (Wood 3/19).

9535 CANADA RCI; 0220-0300 FR features, Big Band jazz; //9755 (Park 4/1, Dickson 4/1).

9535 CHINA R. Beijing; 1230 EG feature on tourism in China (Green 4/1).

9535 NETH. ANTILLES TWR-Bonaire; *0400 EG, celest IS, sked, rel pgm (Jordan 3/25).

9535 SWITZERLAND SRI; 1950-2010 FR, Swiss mx, ID at 2000 (Tilbury 3/10); 2100-2115 PT M&W, ID, rock mx, letters from Brazil, TC, into SP at 2115 (Dillon-MD 3/16).

9540 MADAGASCAR RN relay; 2120-2125 EG "Media Network", ID, s/off (Trotto 3/21); 2230 EG, "Happy Station", Tom Meyer said show would be extended to 55 minutes 3/31 (Wood 3/24).

9540 VENEZUELA RN; 0030 SP nx about OPEC (Dickson 4/2); 1111 SP mx, ID; weak (Niekamp 3/20)

9545 BRAZIL R. Universo; 0958 PT nx, ID and mx; good signal (Fleming 4/3).

9545 INDIA AIR; 1230 Tampurā IS into possible Tibetan (Green 3/30).

9545 SOLOMON IS. SIBC; 0626 EG, Alvin & The Chipmunks doing Billy Joel's "You May Be Right" -- honest! (Dale Park-HI 4/5).

9550 CHINA RB; 1400 s/on w/EG nx, ID (Johnson-TX 3/25); 1500 EG, news (Niekamp-MN 3/21).

9550 CUBA R. Havana Cuba; 2249-2310 SP, Cuban mx, nx at 2300 (Fleming 3/18).

9550 INDIA AIR; 1820 MD nx to Indian workers in the Gulf; // 9515, 11620 (Wood-HI 3/19).

9560 KOREA R. P'yongyang; 1229-1238 SP W cmntry, very good and parallel equal level 9700; Voice of Revolutionary Ethiopia fair under 9560 (Krueger).

9560 TURKEY VOT; 2320 EG Letter From Turkey on Armenian terrorists gangs (Alcorn-NJ 4/1).

9570 GABON R. Japan, Moyabi relay; 0400-0430 Russian news & features; exc (Bear 3/26).

9570 KOREA REP. RK; 1407 M&W team reading nx, ID; //9750 (Johnson 3/24).

9575 ITALY RAI; 0100 EG nx by W but not the usual one, this one sounds much more awake (Dickson 4/2); 0105 EG nx, one of their best signals ever! (Alcorn-NJ 3/26).

9575 PHILIPPINES VOA; 1742 EG "Now Music USA" w/top ten hits (Park 3/14).

9580 AUSTRALIA RA; 1200-1300 EG nx, features, mx (Bear 3/26); 1300-1330 EG, world trade deficits, gold on rise, old mines re-opened, interest rates rising (Bonnet 3/17).

9590 ROMANIA RB; 1356* Turkish, horns & many ID's, IS & s/off (Johnson-TX 3/26).

9600 CLAND. R. SPLA; 1329 "anthem" and ID by M in AR, talk about Sudan; 1333 mx, s/off at 1358 (Johnson 3/26). BBC M.S. believes this is in Addis Ababa, Ethiopia -ed.

9610 AUSTRALIA ABC-Perth; 1330-1400 EG classical mx, good listening (Bonnet 3/17).

9610 IRAQ RB; 2130-2248 EG, war nx, AR mx (Fleming 3/18, Alcorn 3/31).

9615 SOUTH AFRICA R. RSA; *0159-0258* EG to N.Am. (4 reporters).

9618 MOZAMBIQUE RM; 0409-0426 PT M&W, ID's, TC, Afro mx (Field 4/3, Paszkiewicz 3/11).

9620 YUGOSLAVIA RY; 2215 EG, s/on by W with ID and into nx (Prath 3/23).

9630 SPAIN REE; 2255-0101 SP to Americas (5 reporters).

9640 ALGERIA RA; 2033-2030* EG soul mx, "This is R. Algiers", more soul mx (Trotto 3/10).

9645 VATICAN VR; 2106 EG report on Pope's trip to Canada, 2110 into SP (Fleming 3/18); 0115 SP with IS, bells, ID and greetings (Hinnov 3/25).

9650 SPAIN REE; 0800 SP time signal, time check, mx; g (Wood 3/26).

9660 AUSTRALIA ABC-Brisbane; 1240-1320 EG big band & jazz, cyclone warning (Dillon 3/23).

9665 Saipan KYOI; 1650-1705 EG w/Diana Ross, Billy Joel, "Super Rock KYOI" (Alexander 3/23)

9680 INDONESIA RRI-Jakarta; 1330-1410 IN W DJ w/Indonesian mx, ID at 1357 by M "programa nasional, Jakarta", Love Ambon IS to 1400, time pips, news (Dillon-MD 3/23).

9680 MEXICO XEQ "La Q"; 1453-1512 SP, LA mx, many ID's mentioning "La Q de Mexicana", noticias, jingles, and TC's, and ads; heard past 1600 (Valko 3/19).

9685 USSR RM; 2304-0300 EG w/"R. Vilnius" and "R. Kiev" pgms (3 reporters).

9690 ARGENTINA RAE; 0115 EG mx & cmntry (David 3/6); 0320-0335 SP, "Algo para comentar" about German influences in Argentina & Jewish refugees (Brouillette 3/10); 0330-0430 SP/EG pgm w/interviews, local pops, ID in SP & into EG at 0400 (Jordan 3/20); 0337-0353 SP, old Argentine music; a program about RAE (Fleming-MD 3/13).

9700 BULGARIA RS; 2302-0016 EG, cmntry, DX show (David 3/8, Levison 3/12).

9710 ITALY RAI; 0020-0033 IT interview, disco mx, good audio, QRM (Brouillette 4/1).

9720 SRI LANKA SLBC; 1636-1734 Hindi, movie mx, old stuff -- Raj Kumar, Lata Mangeshkar, 1730-1734 full ID, splendid s/off w/prayer, raga, NA etc. (Sharpe 3/24).

9734 PARAGUAY RN; 0240-0303* SP, soccer game (Fleming 3/13); 0900 mx, ID (Treibel 3/28).

9745 IRAQ V. of the Masses; 1817-1845 AR mx w/large chorus, ID "Hathihi itha'atu sawt il-jamaher min Baghdad", to Europe; good (Dillon-MD 3/24).

9748 TANZANIA RT; 1749 AR/EG, Qu'ran, ID, nx at 1800 (Park-HI 3/15); 0330 drums/chants, M w/deep voice; heard until 0415; poor with QRM (Witte-CA 3/12).

9755 CANADA RCI; 0108 EG, new "Listeners' Corner" pgm (Kremer 3/11); 0303 FR nx (Park).

9775 BANGLADESH RB; *1313 unid. lang., IS, ID, talks by M, song; // 7105 (Bobbs-MN 3/16); 1330-1345* Nepali?, vocals w/S. Asia mx, caught QTH at s/off (Dillon-MD 3/16).

9780 SPAIN REE; 2020-2030* EG, DX pgm, ID; //11690 (Alexander 3/10).

9785 SWAZILAND TWR; 1845* EG, rel pgm, ID & off; heard 1713 unid. lang. (Tilbury 3/9).

9790 PAKISTAN RP; 0327 Farsi, IS, W with ID & anmts, Qu'ran; //12005 (Park 3/11).

9800 FRANCE?/FR. GUINEA? RFI; 0120-0502 EG/FR to Americas; ex-9790 (7 reporters).

9815 ISRAEL KI; 0025-0125 EG/HB to N.Am. (3 reporters).

9820 CHINA RB; *1200-1255 EG, IS, ID, pgm preview, world nx (Jordan 3/20).

9840 KUWAIT RK; 2130-2200 AR, lively rhythmic AR instrumental & vocal mx (Dickson 3/31); 2145-2221* AR free verse poetry w/cuts of Western mx, ID, NA, off (Dillon 3/13).

9859 ICELAND ISBS; *1855+ Icelandic presumed, into apparent news with ment. Reykjavik, M&W with continued talks until 2047* (Jordan 3/16, 3/17). Assume this is SSB -ed.

9890 LIBYA V. of Great Arab Homeland; 2145-2230 AR, ID: "Sawt ul-watan il-'Arabi il-kebir, sawt uth-thawrat ish-sha'abiyah", tx abt Muslim brotherhood in Sudan (Dillon-MD 3/12)

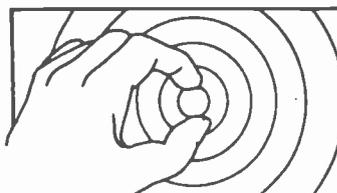
9940 CLAND. LV del CID; 2315-2345 SP, pop mx w/PSA's; //11680 (Fleming-MD 3/12).

9988.4 PERU Estación Dos Mil, Rioja; 1217-1238 SP w/ID, road safety PSA, into reading of morning events in San Martín; very good (Krueger-FL 4/3).

10543.9 CLAND. LV de las Fuerzas Armadas Revolucionarias de Colombia/R. Marquisaria; 1203-1300 M "Buenos días" to listeners, Peruvian-like huayno into cumbias, then rambing attack on Reagan & the US invasion of "Granada", ments. of LvdlFARdC, more folk mx; clear but weak & low modulation; a Colombian clandestine has been long overdue. First noted by David Crawford 2150 (Krueger-FL 4/8).

11640 CLAND. V. of Libyan People; 2116 AR w/Eastern instr. mx, ID; good (Tutak-NJ 3/9)

73, Dale



LOG REPORT

section D

11700 and above

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

- 11700 DOMINICAN REPUBLIC R. Clarin in SP 0100-0110, newscast (Tilbury, AK)
- 11700 VATICAN STATE VR in FR 2030-2045, Afro drum mx, QRM R. Clarin (Dillon MD, 3/9)
- 11710 USSR RM (Petrovavlovsk) in EG 0545-0600, Listeners History Club (Sharpe CA, 3/30)
- 11720 CANADA CBC North Svc in FR 2045-2105, ID, class mx, world mx, vg (Dillon MD, 3/9)
- 11725 WEST GERMANY RFE/RL in PL 2105-2115, mx, ID in lang (Dillon MD, 3/9)
- 11730 UNITED ARAB EMIRATES UAE Radio in EG 0337, nx, wx, press review (Park HI, 4/2)
- 11730 USSR R. Moscow (Siberia) in KR 1027, IS, ID, nx, QRM jammer (Park HI, 3/27)
- 11730 PORTUGAL R. Renascenca in PT *2327-2337, IS, ID, pop mx, f (Bobb MN, 3/24)
- 11730 NETHERLANDS RN in AR 1805-1825*, AR mx, ID, address at s/off (Swaringen NC, 2/19)
- 11740 MADAGASCAR R. Nederland relay in EG 2115-2125*, "Dutch by Radio" (Dillon MD 3/9)
- 11745 TAIWAN VOFC in JP 2137, kids singing "Yankee Doodle" in CH (Park HI, 3/11)
- 11750 ASCENSION IS. BBC relay in EG 0230, "Music Now" tercentary of Bach (Park HI 3/25)
- 11755 NORTH KOREA R. Pyongyang in SP 0030-0033, g (Tilbury AK, 3/13)
- 11755 USSR RM (Siberia) in EG 0725, Moscow Mailbag, gypsy mx, pol tlk (Park HI 3/21)
- 11770 IRAQ V. of the Masses in AR 2130-2220, drama, chimes 2200, ID, nx (Dillon 3/9)
- 11775 UNITED KINGDOM RCI relay in FR/EG *0555, ID, FR mx, //6140, 7155 (Wood HI, 3/20)
- 11780 NORTH KOREA R. Pyongyang in JP 2116, patriotic choral mx, tlks, f (Park HI, 3/28)
- 11780 BRAZIL RN de Amazonia in PT 0150-0203*, EZL Braz mx, ID (Dickson OH, 3/4) also in PT 0952-1000, ID's, stat address, mx, tlks, f-p (Bobb MN, 3/17)
- 11790 ROMANIA R. Bucharest in EG 1735, newscast, vg (Tilbury AK, 3/11)
- 11790 INDONESIA VOI in EG 1545, lang lesson, vg (Vadino SA, 3/16)
- 11800 SRI LANKA AWR via SLBC in HD 1630*, s/off anmts clearly mention AWR, f (Niekamp MN, 3/21) back on 1642 in Sinhala to Afr, mx, singing, SLBC pgmg (Niekamp 3/21)
- 11800 ITALY RAI in EG *1935-1955*, IS, ID, nx, g (Trotto FL, 3/17) in EG 2030, bells IS, ID, nx, Near East svce (Hinnov NJ 3/12) in EG to Far East 2221*, nx (Wood, HI)
- 11810 USSR RM(Siberia) in KR 0920, ID, tlk on Nicaragua, jamming (Park HI, 4/1)
- 11815 NETHERLANDS ANTILLES TWR Bonaire in EG 1140-1200, features, mx (Bonnet IN, 4/4)
- 11830 INDIA AIR in HD 1755, ID in EG, Hindu mx, chorals & drums, g (Witte CA, 3/12)
- 11845 VATICAN STATE VR in EG 0050, tlk for last Sun in Lent, f (Speer CA, 3/23)
- 11850 WEST GERMANY DW in JP *1130-1140, IS, ID, pgm details, nx, f (Trotto FL, 3/23)
- 11855 NORWAY RNI in NO 1620, interview, move from 11860 to avoid RMMs (Wood HI, 3/21)
in EG 1600-1630, "Norway Today", ancd freq move of 11925 to 11760 4/1 (Bear 3/24)
- 11855 SAUDI ARABIA BSKSA in EG 1715, drama, ID at 1728, QRM DW, f (Muzyka NY 3/5)
- 11855nf TAIWAN VOFC in SP 2350, cmntry in SP lang, f (Treibel WA, 3/4)
- 11860 AUSTRIA ORF in GM? 1900, positive ID, Blue Danube IS, p (Prath FL 4/7)
- 11870 NORWAY RNI in NO/EG 1755, ID, IS, nx in NO 1800, f //15230 g (Wood HI, 3/26)
- 11900 USSR ARSPSR(QTH?) in RS 1744-1805, RS pop mx, "Mayak" IS, nx (Sharpe CA, 3/26)
- 11900 NO. MARIANAS KYOI Saipan in EG 1157, super rock, ID, g (Trotto FL, 3/23)
- 11905 WEST GERMANY DW in AR? 1900-1930, IS, ID in GM, prayers, chants (Jordan PA 3/23)
- 11910 AUSTRALIA RA in EG 0808-0812, nx, ID, mx by Diana Ross, g (Trotto FL 3/16)
- 11920t JORDAN RJ in AR 2000-2150, mournful chants, prayers, AR mx, ID? (Jordan PA 3/23)
- 11925 BRAZIL R. Bandeirantes in PT 0114-0120, sports event (Tilbury AK, 3/15)
- 11935 CANADA RCI in RS 1657-1700*, ancd freq, ID "Govorit Canada", p (Trotto FL, 3/19)
- 11940 SINGAPORE R. Singapore in EG 0845, pop mx, Linda Ronstadt, p (Park HI, 3/21)
- 11940 GABON Africa #1 in FR 2118-2230, pop mx, ID, TC in UTC (Dillon MD, Bonnet IN 4/4)
- 11955 FRANCE RFI in FR to L. Am. *2200, IS, time sig, g (Wood HI, 3/25)
- 11955 SINGAPORE BBC relay in EG 1745-1815, "Sports Roundup", nx (Sharpe CA 4/3)
- 11970 CHINA R. Beijing in SP *2000 to L. Am., nx, cmntry, f w/jamming of R. Liberty (Wood HI, 3/25) also in SP 2235-2250, CH mx, ID, severe jamming (Palmer WA, 3/14)
- 11980 USSR RM in FR to Eur & Afr 1910-1940, cmntry, mx fillers, IS&ID (Jordan PA 3/31)
- 11990 USSR RM in RS 0230, tlk, IS 0230 (Dickson) 0506 in RS, somber mx (Park HI, 3/11)
- 11995 FRENCH GULIANA RFI relay in PT 0200, nx, Geneva tlks, Braz nx (Dickson OH, 3/20)
- 12020 USSR RM to Eur in FR 1747-1805, RS lessons, ID, sked, fqys (Palmer WA 3/14)
- 12050 USSR RM Petrovavlovsk in EG 0130-0445, features (Dickson OH, Sharpe CA 4/1)
- 12085 SYRIA R. Damascus in GM 1832, mx, nx, ID, g (Bobb MN 3/12) in FR/EG 1920-1941
AR mx, FR ballad, freq ID's in FR, in EG 2005 as sig f/o (Palmer WA 3/20) 2005-35
in EG, nx & features, pop mx, ID, NA 2105 (Muzyka NY 3/20, Alcorn NJ 3/31, Alpert NY 3/30, Tilbury AK 3/14)
- 13605 USSR RM Far East in RS 2250-2310, R. Rodina at 2300, prob regular HS before 2300
class mx (Palmer WA 4/4, Levison PA 3/30) in EG 0554, tlks, ID, nx (Park HI 4/3)
- 13660 USSR RM in FR 1735, tlks, weak sig (Levison PA 3/29)

13680 USSR RMWS in EG 1446-1502, nx, ID, feature (Trotto FL 3/16, Levison PA 3/20)
13700 IRAQ R. Baghdad in AR 1837-1903, AR mx, ID, nx, //11750 (Jordan PA 3/23, Trotto FL 3/17) also in AR 2005, tlk, g (Levison PA 3/19)

13780 USSR RM in EG 1628, musical prgm (Levison PA 3/30)
15010 VIETNAM R. Hanoi in EG 1900, nx, also in VT 1700 (O'Brien UK, 4/1)
15040 CLANDESTINE V. of the Libyan People in AR 0525, tlk by YL who did not sound like professional anncr, g (Wood HI 3/16) also rptd between *1800-2140 in AR, ID's in AR, //11640 (Trotto FL, Brouillette IL, Niekamp MN, Dillon MD, all during March)

15084 IRAN VOIRI in AR 1755-1810, anti-Iraq monologue, ID, jammed (Dillon MD 3/24)
15100 USSR R. Vilnius Lithuania in EG *2300-2327*, nx, feature, //15240 (Hill MA 3/29)
15110 CZECHOSLOVAKIA R. Prague in EG 1536-1545, nx, ID, prgm on current affairs (Trotto FL 3/31) also in EG 1815, feature on trade unions, g (Wood HI 3/19)

15115 NO. MARIANAS KFBS in CH 2252, EG language lessons, p (Park HI 3/25)
15115 VATICAN STATE VR in EG 1530-1538, relig prgm, QRM from HCJB (Fleming MD, 3/26)
15120nf VATICAN STATE VR in PT 2215, tlk on church in Portugal, //11700 (Wood HI 3/22)
15126 ECUADOR HCJB in SP 1954-2003, relig prgm, ID, pips, TC, mx (Brouillette IL 3/3)
15135 PHILIPPINES R. Veritas in JP 0000, IS, freqs, ID, "Friendship Hour" (Park HI 4/1)
15135 NO. MARIANAS KFBS in IN 2230-2235, ID, 2233, heavy QRM, class mx (Palmer WA 3/17)
15140 INDIA AIR in Farsi 0400, ID "Inja Delhi", 0430 into AR, //17785, f (Wood HI 3/21)
15150 CANADA RCI in EG 2135, nx, ID, feature prgm, p (Park HI 3/25)
15155 ECUADOR HCJB in EG 0040, nx, focus on Mideast (Alcorn NJ 3/27)
15160 SPAIN REE in SP 2015-2047, interview, Mexican folk mx, vg (Brouillette IL 3/3)
15165 DENMARK RD in DN 1735, nx of Folketing (parliament), not on 1970 as in current sked, probably moved to avoid jamming of RL (Wood HI 3/25) ID in EG 1549 (Vadino)

15175 PAKISTAN RP in Gujrati 0425, political tlk, g but rumbling mod (Wood HI 3/21)
15175 USSR R.S. Atlantika in RS 1330-1400, opera & folk mx, tlks, f (Jordan PA 3/30)
15177 MEXICO XEWX in SP 2205, nx of Pemex, g (Wood HI 3/25)
15180 USA Uniden sta rptd last month by S. Owens is WINB Red Lion, Pa. (Wood HI, Trx!)
15185 WEST GERMANY DW in RS *1200, IS, ID in RS & GM, tlk, nx, QRM, f (Trotto FL 3/26)
15190 CANADA RCI in EG *0100, IS, nx, new svce to LA, f, splash fm RJ (Wood HI 3/20)
15195 JAPAN RJ in JP *0015, IS, ID in JP & EG, f (Trotto FL 3/24)
15200 FRENCH GUIANA RFI relay in PT/SP 2250-2324, ID's (Palmer WA 3/17, Park HI 3/8)
15210 JAPAN RJ in JP 0027 with prgm of JP mx (Levison PA 3/24)
15220 TURKEY R. Sol in TK 1430-1445, TK mx & tlk, ID 1441, sta addr (Swaringen NC 2/19)
15220 NORWAY RNI in NO *1855, ID in EG, NO nx 1900, QRM fm WYFR, f (Wood HI 3/19)
15220 USA WYFR Family Radio in EG 2014, Bible Fellowship study prgm (Park HI 3/31)
15230 NO. KOREA R. Pyongyang in EG 2300-0025, nx & prop (Tilbury AK, Speer CA 3/23)
15240 EAST GERMANY RBI in AR *1330-1340, IS, ID, nx, f (Trotto FL 3/30)
15240 USSR R. Vilnius in EG 2300-2307, nx, features (Hill MA 3/29, Levison PA 3/10)
15240 USSR R. Kiev in EG 0034-0100, nx, mx, cmtry (Dickson OH 3/15, Levison PA 3/11)
15240 SWEDEN RSI in FR *1800, ID, nx, beamed to Africa, g (Wood HI 3/26)
15240 YUGOSLAVIA RY in EG 1535, nx, cmtry on OAU meeting (Feeley CA 3/10)
15245 PAKISTAN RP in Farsi 0425, political tlk, g (Wood HI 3/21)
15250 ECUADOR HCJB in RS 2253, relig prgm, EG ID, TC & pips, into GM 2300 (Park HI 3/26)
15275 WEST GERMANY DW in GM 1915-1955, vocals, lost sig 1955 (Bonnet IN 3/18)
15290 UNKNOWN LOCATION R. Liberty in RS 1900 after IS, nx, g (Wood HI 3/19)
15295 USSR RM (Khabarovsk) in CH 0247-0307, cmtry, filler mx, IS & ID in CH (Sharpe CA)
15295 ECUADOR HCJB in SP 1800, long ID, prgm on Gershwin (Park HI 3/4)
15300 FRANCE RFI in PT 1800, beamed to Africa, nx, g (Wood 3/19)
15320 AUSTRALIA RA in EG 2320-2340, pop mx, ID, nx, wx (Cobb ME 3/24) also in EG 0533 with "Australian Concert Hall" classical mx, g (Park HI 4/5)

15320 AUSTRIA ORF in EG 1230-1300*, works of Bach, letters (Bonnet IN 4/6, Alcorn NJ)
15325 CANADA RCI in EG 1932, tlk on Canadian videotex, QRM, p (Park 3/31)
15330 UNITED ARAB EMIRATES Abu Dhabi in EG 0410, test xmsn, light mx, request reports to P.O. Box 63, g (Wood HI 3/25)

15335 INDIA AIR in EG 1340, sitar mx, g (Wood HI 3/22)
15340 NO. KOREA R. Pyongyang in AR 0354, test tones, IS, ID, NA, nx (Park HI 3/12)
15345 TAIWAN WOFC in EG 2204, tlk on local medical advances, QRM AFRTS (Park HI 4/3)
15345 SWEDEN RSI abruptly off 1728* after report on Finnish politics, sked shows HS relay to N Am on 15190; may be a test. Poor choice, QRM AFRTS & jam'g (Wood 3/25) also rptd in EG 1400-1428* in EG (Kremer 3/12; Bear 3/24, g; Hinnov NJ 3/31 and Swaringen NC 2/19,g) rptd in SW 1658, IS, ID, nx (Vadino WA 3/23)

15345 SOUTH AFRICA RSA in SW 1625, DJ show, req rpts, //11900 (Wood HI 3/21)
15335 NETHERLANDS ANTILLES TWR in GM 2330, ID, drama, QRM WYFR, p (Park HI 4/3)
15375 SO. KOREA RK in IN 2330, ten into KR, g (Wood 3/25) in PT 2123, nx (Park 3/31)
15380 OMAN BBC relay *0145 in EG, local ID, "World Today" on Hungary, g (Wood HI 3/26)
15385 ITALY in IT 1905, beamed to L Am, sports, off 1908, g (Wood HI 3/19)
15390 SWEDEN RSI in SW 0800, time sig, relay HS, nx, g (Wood 3/23)
15390 UNITED KINGDOM BBOWS in RM 1452-1530, tlk, mx, ID, nx, into EG 1530 (Trotto FL)
15390 ASCENSION ISLAND BBC relay in EG 2127, BBC calling Falklands (Park HI 3/29)

- 15400 FINLAND RF in EG 1315, nx, opera (Feeley GA 3/19, David NY 3/30) also in FN/SW at 1532, nx, cmntry, skeds, IS 1600 (Vadino WA 3/23)
- 15405 VATICAN STATE VR in SP *1400-1410, IS, ID, tlk, exc (Trotto FL 3/30)
- 15410 RWANDA DW relay in EG *1230, ID in FR, EG to Africa (Green TN 4/1)
- 15425 ALBANIA R. Tirana in EG 1730, nx, cmntry, folk mx, to Africa, //11985 (Wood HI)
- 15435 SYRIA R. Damascus in EG 2050-2101*, rock mx, headlines, NA, g (McLemore FL 3/25)
- 15435 SINGAPORE BBC relay in EG 2343, "BBC Top 20", QRM AFRTS 15430 (Park HI 4/3)
- 15440 FRENCH GUIANA RFI relay in FR 0000, bouncy theme, nx, QRM BBC 15435 (Park HI 4/4)
- 15445 PHILIPPINES FEBC in EG *2330, world nx, g but overmodulated (Wood HI 3/25)
- 15455 USSR RM(Siberia) in EG 2130, nx brief, "Listener's Request Club", p (Park 3/27)
- 15470 USSR RM(Siberia) in EG 0500, M & W reading nx over/under each other (Park 3/30)
- 15474 ANTARCTICA R. Nacional Arcangel in SP 0010-0021, mx, EG ID 0015, noted //fcy 6030 welcomed comments, offered QSL (D'Angelo PA 3/19) also hrd in SP 2255 (Bobb MN)
- 15495 KUWAIT RK in AR 1550-1605, AR mx, tlk, ID, more tlk possibly nx, f (Trotto FL 4/6)
- 15555 CLANDESTINE R. Azadi in unknown lang 1805-1815, tlk, mx, ID, g (Trotto FL 3/17)
- 15585 SWITZERLAND SRI in EG 1316, world & Swiss nx (Feeley GA 3/19)
- 15600 CHINA R. Beijing in CH 0242, mx of the 50's, JP pops, f (Park HI 3/11)
- 15670 UNITED KINGDOM BBC(USB) in EG 1735, sports pgm, ID, QRM, f (Trotto FL 3/24)
- 16193LSB USSR RM(Siberia) in EG 2216, "News and Views", ute QRM, f (Park HI 4/3)
- 17510 SYRIA R. Damascus in EG 1235-1300, instrument mx, tlk on art (Swaringen NC 2/19)
- 17605 NETHERLANDS RN in EG 2112-2122*, nx, opera, g (Fleming MD 3/18)
- 17610 BELGIUM BRT in EG 1335, discussion of Belgian politics, mx (Kremer 3/12)
- 17620 FRENCH GUIANA RFI relay in PT 2155, IS, jazz & violin mx, ID, nx (Park HI 3/26) also in EG 1615-1700, nx, trade and political discussions (Bonnet IN 4/6)
- 17650 CHINA R. Beijing in SP 0137, feature on local ethnic mx (Park HI 4/4)
- 17667 PAKISTAN RP in Urdu/EG 1555, full ID and sked, //15595, g (Sams KS 3/12)
- 17675 EGYPT R. Cairo in EG/Bengali 1345-1405, ID, AR mx on chimes, nx (Dillon MD 3/16)
- 17700 USSR RM in EG 2350-0000, tlk on pregnancy in the USSR, ID, g (Trotto FL 3/29)
- 17705 CZECHOSLOVAKIA R. Prague in EG 1605-1620, pgm on WW II, Afr svce (Hill MA 4/8)
- 17710 SINGAPORE BBC relay in EG *2355 IS, local EG relay, 0000 into EG nx, //15435, g (Wood HI 3/20) also hrd same time period with p sig, ID relay site (Trotto FL)
- 17728m CHINA R. Beijing in CH 0210, nx, distorted sig & off fcy, p (Park HI 4/4)
- 17730 VATICAN STATE VR in EG *1545-1600*, IS, ID, tlk, f (Trotto FL 3/17)
- 17740 NORWAY RNT in NO *0655, EG ID, mx in NO, f w/QRM frm Saudi Arabia (Wood 3/23)
- 17745 ALGERIA RA in PR 1825-1900, pop mx, nx, //15215 (Swaringen NC 2/19) also in EG *2000+, nx, pop tunes (Alcorn NJ 3/10, Paszkiewicz WI 3/10, Alpert NY 3/16, also in SP 2040-2055, SP mx, male DJ giving ID between each item (Dillon MD 3/16)
- 17750 AUSTRALIA RA in EG 0807, world mx, R. Dupuis-Dupree mx, //17715 (Park HI 3/30)
- 17755 JAPAN RJ in EG 2300, nx, f (Pyatt VA 3/7)
- 17775 CHINA R. Beijing in SP 2325, tlk on introduction of a market economy, //15030 g (Wood HI 3/25) also in SP 2300, IS, ID's, pgm preview, nx (Park HI 3/2)
- 17775 UNITED ARAB EMIRATES R. Dubai in EG 1336-1356, nx, ID (Hill MA 4/8, Trotto FL)
- 17795nf? UNITED ARAB EMIRATES R. Dubai in EG 1344, "Listener's Program" (Feeley GA 3/19)
- 17795 AUSTRALIA RA in EG 2115-0030, pop mx, nx (Alcorn NJ 3/24, Bonnet IN 3/23)
- 17800 FINLAND RF in EG 1310, role of churches in Finland (Alcorn NJ 3/18)
- 17820 CANADA RCI in EG 1605-1615, ID, freq anmnt, g (Trotto FL 3/17)
- 17830 SWITZERLAND SRI in EG 1522-1600*, Swiss mx, ID, IS, g (Trotto FL 3/21)
- 17840 SYRIA R. Damascus in EG 1238, instrumental mx, pops, ID (Paszkiewicz WI 3/24)
- 17860 TURKEY VOT in CH *1500-1510, IS, ID, tlk probably nx, f (Trotto FL 3/31)
- 17870 LIBERIA VOA relay in EG 1611, ID, nx about So. Africa, f (Trotto FL 3/21)
- 18080 UNITED KINGDOM BBC in BBC in Swahili 1735, African Service (Levison PA 3/29)
- 21480 MADAGASCAR R. Netherlands relay in EG 1435-1450, ID, Happy Pgm, f (Trotto FL 3/24)
- 21535 SOUTH AFRICA RSA in EG 1513, cmntry on US business in So. Afr (Levison PA 3/20)
- 21540 PHILIPPINES VOA relay in EG 0152, "VOA Morning", tlk on soccer in US (Park 4/1)
- 21550 GABON R. Japan relay in EG 1500-1525, nx, cmntry, mx (Hawk VA 3/10)
- 21595 SPAIN REE in SP 0800, time signal, TC, mx, g (Wood HI 3/23)
- 21615 USA WYFR Family Radio in EG 1629, Bible reading, ID, f (Trotto FL 3/17)
- 21665 WEST GERMANY R. Free Europe in FL 1645-1710, Catholic mass, ID, nx (Trotto 3/17)
- 21670 PHILIPPINES AFRTS relay in EG 0351, NCAA basketball final (Park HI 4/2)
- 21710 UNITED KINGDOM BBCWS in EG 1716, rpt on drought in Sudan, ID, g (Trotto FL 3/17)

A big increase in logging reports this month (302 compared to 201 last month). As in the past, reports included in the previous month's issue are not listed in the current issue. I would also like to suggest that reporting members help simplify the sorting process by arranging loggings in frequency sequence when submitting several reports. Many are already doing this and it's very helpful. It's even better when a small paper band is wrapped over the slips (don't use clips as the Postal Service will get upset). Best regards to all (WCT)

LOG FRENEX REPORTERS

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As noted above, this will be my last Contributors Page. A year ago I took on this position on a temporary basis. My work with the NASWA AWARDS Program, HAP-USA related duties and other interests have forced me to seek an early retirement for this position. Fortunately, John F. Henault has volunteered his service (with just a little gentle arm twisting) and will pick up the ball starting next month. John is a knowledgeable DXer and will man the fort well. Kindly give him the same fine cooperation that you have given me for the past year.

I won't disappear from the FRENEX scene. Besides the AWARDS, I'll be doing an article or two every now and then. My reservations are all set for the ANARC Convention in Milwaukee come the weekend of July 19-22, so hopefully we'll see many of you there.

Until the next time we meet,

Best, Jg 4.22.85

SWL'S DATABASE

A single disk database for the Commodore 64, SWL's Database has been created to allow you to keep tabs on target or favorite stations. It provides scheduling information and propagation data so that you can select the best possible listening times and frequencies. As with any database, you can update, delete or add new data.

Load and Run the program. The initialization requires that you enter: lat., lon., QTH, solar flux, date, local time, daylight savings and time zone data. After initialization, the map clock menu appears. The map clock lists local time in 24 hour format, GMT, and the times for 8 major cities throughout the world. The sun appears on the map and moves from east to west in relation to the hour of day. The sun also appears above or below the equator in relation to the season. At the top of the map clock, the name of the database in the drive is given. To the right of the map clock, the menu choices appear. From the menu you can choose: one of five search modes, propagation prediction for stations not in the database (propagation prediction is automatically available for stations found through search mode) and a housekeeping function to update the database or create new databases.

The search modes are self explanatory. When a station is found, the available data is printed on the screen and several options are offered including: continue search, hardcopy, propagation prediction and return to main menu. If propagation prediction is selected: data on distance, bearing, solar indices, sunrise-sunset and darkness path are given. From this screen you can: hardcopy, return to station listing or compute the MUF.

If MUF is selected, you can choose to compute MUF for a single hour or the entire 24 hour period. Print-out is also available.

Using the update data files function you can read individual files (each file covers an hour of the day), write to the file for updating frequencies and times or to add and delete stations. You can create whole new database disks and write files to them. This allows you to create an infinite number of databases such as: Clandestines, latins, Indonesians, etc. There are also functions to read the disk directory and disk error channel. Finally there are instructions on editing files and creating new disks and hour files. (By the way, the program will create a disk that will hold 1320 station listings. 55 per hour X 24 hours.)

The program has been compiled using BLITZ (C). By doing this, the program runs faster. In addition to the program, an English Stations to North America database is included. The English Station Database was created from Dan Ferguson's "Guide to English Shortwave Broadcasts" which is published bi-monthly. The database is updated every two months using this publication.

SWL's DATABASE is offered on disk only for a \$10 copy and postage fee in the US, \$11 airmail overseas (US funds). The program and database are contained on the same disk. Portions of the disk are copyrighted but may be copied for backup purposes, not sale nor distribution to others.

Bill Cole
107 Charles St.
N. Cape May, NJ 08204

HAP BID ITEMS: ITEM #734:CKEC pen,m/c.#735:CFCY(PEI)pen,tan & black.#736:CHLQ(PEI)pen,tan & black.#737:Radio 7(France)sticker(3x6")red,B&W.#738:CKEC sticker(5x8")red,white,blue.#739:KKDJ plastic coffee mug with top,m/c-very nice!#740:RSI(Sweden)QSL card(4x8")m/c.#741:WLUP whoopee cushion,B&W.#742:KNUUI(Hawaii)sticker(4x7.5")red,white.#743:Deutsche Welle sticker in EG(4x4")green,B&W.#744:Deutsche Welle sticker in German(4x4")green,B&W.#745:Radio Birmingham(UK)24 page color magazine.#746:Radio Times(UK)1979 magazine,100 pages!#747:NBC(PNG)1975 anniversary report,100+pages!#748:Radio Derby(UK)32 page color magazine.#749:Radio Sheffield(UK)22 page color magazine.#750:Radio Brighton(UK)30 page color magazine.#751:Radio Solent(UK)32 page color magazine.#752:Radio Hallam(UK)42 page color magazine.#753:KLZ station balloon,m/c.#754:KLOS sleeveless T-Shirt(S/m)-nice!#755:DC-101 T-Shirt(M/m)/c.#756:KLOK station balloon,B&W.#757:WRNO QSL card(3.5x5.5")m/c.#758:Radio Bras(Brazil) sticker(3.5"cir)m/c.#759:Radio Northland(NZ)sticker(4x6")m/c.#760:South Coast Radio(Eire) decal(5x5")red,white.#761:WXQR sticker(4x8")m/c.#762:97 Rock odd shaped sticker(3x8")B&W.#763:WLLZ metal badge"Bruce Springsteen"(1"cir)blue,white.#764:WLLZ metal badge"Van Halen"(1"cir)red,white.#765:KOME metal badge(1.5x1.5")black,yellow.#766:KOME cloth arm patch(2x2")yellow,black.#767:DC-101 large plastic drinking cup,B&W.#768:KOME sticker(8.5x8.5")yellow,black-super!#769:KQDS cloth arm patch"Love My -ss"(2x4")black,yellow.#770:WDIZ sticker(4x7")red,B&W.#771:FM-Atlas-1984 edition in mint condition,over 140 pages packed with FM data!#772:WRTH 1985 edition in mint condition(enough said).#773:Deutsche Welle sticker in Spanish(4x4")red,white,blue.#774:Deutsche Welle sticker in German(4x4")red,white,blue.#775:Radio Sudfunk(FRG)sticker(4"cir)m/c.#776:KGAS sticker(2.5x14")green,white.#777:KZEU sticker(4x8")m/c.#778:KBOR decal(3.5x6")m/c-nice!#779:Radio Tees(UK)decal(2x18")m/c.#780:Radio Earth QSL card(3.5x5.5")B&W.#781:ITU sticker"120 Anos"(2.5x4")blue,white-collectors item.#782:Radio RSA sticker(3x5")yellow,black.#783:CHLQ(PEI)sticker(2.5x9")red,white,yellow.#784:Radio Forth DJ photo(4x6")B&W-nice!#785:4CG(Australia)"Boat Safety"sticker(7"cir)m/c.#786:Radio Cultura (Brasil)station photo(3.5x7")m/c.#787:KLEZ decal(5"cir)B&W.#788:WYF sticker(4x6")yellow,B&W.#789:KATT decal(4x6")m/c.#790:KTBC sticker(3x11")red,white.#791:Deutsche Welle sticker in Spanish(new!)(4x4")m/c.#792:Deutsche Welle sticker in English(new!)(4x4")m/c.#793:Deutsche Welle sticker in German(new!)(4x4")m/c.#794:KOMB T-Shirt(S)black,yellow.#795:DC-101 T-Shirt(L)red,white,black.#796:DC-101 T-Shirt(M)red,white,black.#797:DC-101 T-Shirt(S)red,B&W.#798:Deutsche Welle T-Shirt(M)blue,white-super!#799:RBI stick pin,blue,white.#800:Deutsche Welle cloth shoulder bag(4x16")blue,B&W-great!#801:CHLQ(PEI)heavy duty plastic license plate(6x12")blue,white.#802:Deutsche Welle station pen,blue,silver.#803:Bayerischer Rundfunk(FRG) sticker(4x6")m/c.#804:CFCY(PEI)plastic sugar scoop,m/c.#805:BBC metal key chain,silver-nice!#806:Radio Budapest key chain-metal,silver,black.#807:Deutsche Welle metal combo key chain w/ bottle opener,B&W-great!#808:Radio Budapest lapel pin(large)blue,gold.#809:Radio Budapest lapel pin(smaller)blue,gold.#810:Radio Bremen(FRG)sticker(2x4.5")m/c.#811:Evangeliums Rundfunk(Monaco)sticker(5"cir)red,B&W.#812:ERF Radio sticker(4.5x4.5")m/c.#813:Radio Veritas (Philippines)sticker(3.5"cir)red,white,blue.#814:NFW Radio(FRG)sticker(4x5")m/c-nice!#815:NDR Radio(FRG)"Walrus"sticker(1.5"cir)m/c.#816:SFBS Radio(FRG)sticker(4"cir)blue,white.#817:RNE(Spain)old style m/c cloth pennant(6x11")-beauty!#818:RBI cloth pennant(6x10")w/ dark blue/purple cente- & bear.#819:Radio Vaticana cloth pennant(6x11")yellow,B&W-super-rare!#820:Radio Bremen plastic covered-double sided pennant(5.5x8")blue,white.#821:Deutschlandfunk(FRG)cloth pennant(5x8")m/c.#822:Radio Budapest plastic covered cloth pennant(new!)(4x6")m/c.#823:Radio Bremen postcard w/ studio photo(4x6")B&W.#824:Berlin Radio decal(6x8")red,white.#825:SWF3 Radio(FRG)"Moose"sticker(4x6")m/c-beauty!#826:SWF 3 Radio odd-shaped sticker,m/c-nice!#827:RIAS (West Berlin)station balloon,red,black.#828:Radio Bremen sticker(3x3.5")blue,white.#829:KIFM T-Shirt(S-M)blue,black-nice!#830:Radio Ristatissima sticker(3.4x4")m/c-nice!#831:Transitalia(Italy)sticker(2.5x5")red,white,green.#832:Capital Radio Milano(Italy)sticker(3.5"cir)m/c.#833:6WF(Australia)cloth arm patch(2x3")orange,blue-nice!#834:Radio Polonia QSL card(4x6")m/c.#835:VOA sticker(3"cir)red,white,blue.#836:Union City Radio(USA Pirate)sample B&W QSL letter.#837:RBI DX Club certificate(8.5x11")m/c.#838:KGEI"20th Anniversary"paper pennant(5.5x8")blue,yellow.#839:Viking Radio(UK)newspaper w/ exotic photo.#840:RTE Radio 2 paper holder folder(9x12")m/c.#841:CKSW paper holder folder(8.5x11")m/c.#842:RBI QSL card"City Scene"(4x6")m/c.#843:RBI QSL card"Painting"(4x6")m/c.#844:RBI QSL card"Childs Painting"(4x6")m/c.#845:AWR Radio(Portugal)cloth pennant(4x7.5")blue,gray.

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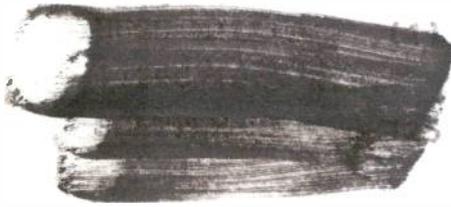
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