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CONTACT

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

We have some very interesting letters this time around as they contain a lot of news and thought-provoking ideas. So, let's get right into them.

First off, we have a letter and several enclosures from Duke Alexander (Houston, Texas) who is associated with the Texas Bureau (Studios and Sales Agency) of Radio Earth International. He writes:

...I'm sending a couple of items which I hope you might use in FRENDEX. First, a 'plug' for my RSA DX Report (see below, Contact Notes--sgm). And, a letter to Sen. Barry Goldwater in reference to H.D. Norman's idea regarding mandatory SW bands on imported radios. This idea deserves SWL support, in my view.

Certainly support your idea that manufacturers could advertise SW like they do scanners and (a few years ago, hi) CBs.

Can't tell you much about what is happening at Radio Earth except that the last time I heard from Jeff White, he was looking for an outlet for Radio Earth programs. Details of plans to sell stock will be unveiled at ANARCON 85. For many reasons buying stock in this will be a GOOD investment, so I'm quite optimistic that enough money will be raised to put Radio Earth on with its own transmitter.

The letter to Sen. Goldwater was written by F. A. Dunlap (W5TUF, Houston, Texas; Life Member, ARRL):

I read with great interest your interview in CQ magazine, May 1985 issue. At the outset I must say that I am 100% in favor of your past and present efforts on behalf of radio enthusiasts. Today I am writing to bring to your attention a proposal which I think is worthy of your sponsorship, in the area of helping Amateur Radio grow, and which will benefit the public in general.

Mr. H.D. Norman, of Opelika, Alabama, has been in contact with his Senator--Sen. Heflin--in regards to this proposal. His idea is to require that all radio sets which are imported into the U.S., and which have a selling price of \$30.00 or more, be required to have at least two (2) shortwave bands along with AM or FM. Many such sets are being sold here already, but many are offered which do not include shortwave. Technology has advanced to the point where it is no problem for manufacturers to meet this requirement - indeed the models sold in Europe or Latin America all include shortwave coverage. And U.S. manufacturers are exempt from this requirement, so I see very little opposition developing. "Why should this be done and how will this help Amateur Radio?", you might ask.

Listening to shortwave is a very educational activity. We can listen to Radio France International or the BBC for example, to see what other Nations are "saying about US" or etc. Indeed, we have a RIGHT to hear what the VOA is "telling the world about America". And, some entrepreneurs here in the USA are beginning to "open up" the medium as a commercial broadcasting arena, as well. Before WWII most radio sets had shortwave. FM was introduced after WWII and primitive technology was not able to accommodate full spectrum coverage, so retailers got accustomed to selling only AM/FM sets. Now manufacturers produce full coverage sets, at no (more) cost that AM/FM-only sets. But Americans are unaware of SW! (my underlining--sgm)

Amateur Radio experienced growth in the '70s as a result of CBers entering our ranks. But CBers learn very poor operating habits. On the other hand, shortwave listeners learn the BEST - how to listen! Most SW broadcasting stations have programs for the hobbyist SWL and I know several that have found out about Amateur Radio this way. Aside from the obvious - Amateur Radio is in the shortwave spectrum.

Barry, your expertise in drafting this legislation is essential, in my opinion. Can you help?

The question also arises: "Can we of NASuA help in this effort?" It seems a very good idea, and Mr. Dunlap has put it, and much else besides, very well indeed. By the way, an extract from Mr. Norman's proposal reads as follows:

We have proposed a bill that would require all radios sold in the USA include the international broadcast band after 1 January 1987. This is very important to the enhancement of world communications and we urge you to write to [your] Senator with your comments to assist in drafting the legislation. Radios which do not have international reception are a serious violation of a person's right to [exchange] information...

Now on to a letter from John H. Demmitt of Bellefonte, Pennsylvania. After some very kind words about CONTACT, John continues:

As for your interesting observation of Sulf vs. DX, I'd like to offer you the following to consider.

A DX'er is also a shortwave listener because he has to listen to shortwave to hear the DX. A monitor or Sulf'er, depending on the station he is listening to, can also be considered a DX'er. For example, there is one Sulf buff in Ohio who monitors the Falkland Islands on a regular basis. Most of the time he does not receive the station but other times he does. He has to put up with QRM, QRN and a lot of other problems experienced by DX'ers. If you're going to refer to yourself using the correct term, say exactly what you are--a Sulf'er & DX'er. You do both, so both titles apply. By the way, the term monitor is usually reserved for the person who listens to selected stations for the purpose of making reception reports for those stations. This is often done at the invitation of those stations.

Hope I've been helpful. Now that I've read your column, it's your turn to read my Tips N' Topics column in SPEEDX. (Very cagey, John-sgm) hi.

John also asked for MW bandscan, but it was not entirely clear from his letter whether he wanted it from Republic, Ohio or Providence, Rhode Island. I have written to him (it was, I think, my first "Dear John letter") in order to get clarification. When I get it I will pass it on to you and maybe we can help John out.

Finally, a very nice letter from Larry Joe Hiatt of Arvada, Colorado who writes as follows:

Just a note of congratulations on your great job on the CONTACT column in this month's FRENDX. KEEP IT UP. (I'm extremely susceptible to flattery. Thanks--sgm)

I'm also writing to give my vote for a 'beginners' or 'novice' column in FRENDX.

True, many books and articles are in easy access to the person who falls in this category. But not everyone wishes to invest many dollars in a Sulf library.

My suggestion would be to review some of these articles and books.

For example, for a month or two have antennas as a topic. One month could be antenna projects for the apartment or townhouse dweller. Another month could be projects for the person who has ample space for larger antennas. Each article could conclude with the pros and cons of the particular design described.

Other topics might include sending reception reports, accessories, etc. Also, a listing of reference materials and how they might be obtained.

I hope you will give my thoughts some consideration. Perhaps with mine, along with the many others you must receive, a very good format might be obtained. I sincerely feel a great need for such a column.

Enclosed is a copy of a reception report form I use. If you have the time, please critique it and let me know how it might be improved.

Excellent ideas, one and all. I like your suggestions about antennas as they are a particularly favorite subject with me. But, until, if, and when a beginners column is undertaken, be sure that take a very close look at each issue of FRENDX because you're very likely to find just about everything you ask for. In the May '85 issue, for example, Jim Herkimer put together an excellent annotated bibliography of reference materials, complete with names and addresses of suppliers and prices. Finally, I have gladly taken a look at your reception report form, and by the time you read this you should have received a letter from me.

Well, that's about it. Thanks to readers and writers alike.

\$\$ CONTACT NOTES \$\$

Duke Alexander's DX Report is aired, usually on the 3rd week of each month, as a part of the DX Corner Programme on Radio RSA (Johannesburg). DX Corner is on for the USA and Canada at 0243 UTC Saturdays (GMT Sunday). A free frequency & program guide is available from Radio RSA, PO Box 4559, Johannesburg 2000, Republic of South Africa.

If you haven't ordered your copy of LA DXing from Radio Nuevo Mundo of Tokyo, Japan, don't delay any longer because it is superb and you're missing something special. Read it from cover to cover and it will give you an excellent insight into and feeling for this fascinating area of broadcasting. Further, I got my copy a mere 10 days after I mailed my order. Request copies from: Tetsuya Hirahara, 5-6-6 Nukui-kita, Koganei-shi, Tokyo 184, Japan. Cost is \$7.00 US (no checks) or 13 IRCs. Shipped airmail.

By and large, I start putting this column together on or about the 15th of each month. This is in order to permit me to comply with FRENDX deadlines. Please bear this in mind if you have something that you would like to appear here.

Many thanks.



Easy Listening

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

First of all, let me apologize to you for a rather sketchy column last month. There was a slight misunderstanding, and what appeared may have been decent for Wednesday, but it left a lot to be desired for the rest of the week. I hope to make up for that this month.

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

SUNDAY

0910-1100: "Australia's Top Hits" (Radio Australia, Australia)
Two hours of the top twenty hits in Australia for the week in a countdown format beginning with number 20. The commentary between songs is simple and informative, neither "cute-sy" nor blighted by "DJ patter". Commentary is usually limited to background information and an occasional opinion. (9580).

0120-0150: "Instruments of Western Classical Music" (Deutsche Welle, West Germany). Each week the program focuses on a different instrument (the double bass, the flute, etc.) and gives a history of the development of the instrument, outlining composers who have made extensive or innovative use of it. Plays brief excerpts (2-3 min) from music representing stages in the instrument's development. (6040/6085/6145/9565/11785. Repeated for W. Coast at 0520 on 6130/9545/9690/11705).

MONDAY

0130-0135: "Sidelights on Soviet Life" (Radio Moscow, USSR). Features minor stories in the news in the USSR with the intent of giving a better idea of daily life in the Soviet Union. Each story is about 15-30 seconds in length, and the program includes such stories as: "The Festival of Youth and Students" held in Moscow; pollution, clean-up, and environmental issues; May Day celebrations in the Black Sea countries. Relatively free of anti-Americanisms. (9765 et. al.--RM tx schedule just recently changed, and I haven't found most of their new frequencies yet.)

0315-0330: "Main Roads and Byways" (Voice of Free China, Taiwan). This program features the history and culture of different regions of Taiwan). Includes Chinese history and the popular culture of the region: handicrafts, industry, agriculture, cultural idiosyncrasies. Also features notable individuals from the region (artists, writers, etc.) and tries to give a rather brief picture of daily life in the area. (5985/6965--WYFR relay).

TUESDAY

0040-0055: "Our Choice of Music" (Radio Portugal, Portugal). The program features primarily traditional and folk music from Portugal although there is an occasional rock tune. Commentary between songs is kept to a minimum--about 30 seconds or so at most. As purely a personal comment, it is not my choice of music. (6095)

0210-0225: "Dutch by Radio" (Radio Nederlands, Netherlands). This is probably one of the best language programs on the airwaves and certainly one of the better bargains around. For two IRC's Radio Nederlands will send you a textbook worth about \$5.00 or so and a cassette recording. The program begins with "Did You Know?" a 3-5 minute feature on Dutch history and culture. Then there is a reading of the written text and a few pointers on Dutch grammar. The program ends with "Meet the Dutch", interviews with ordinary Dutch citizens (a taxi driver in Groningen, a farm wife, etc.) Five stars go to the program host Michael Harrigan for organizing one of the slickest and most entertaining language programs I've heard. (9895/6020--Flevo. Repeated on 6165/9590--Bonaire at 0310. Also repeated for West Coast at 0610 on 6165/9715--Bonaire

WEDNESDAY

0450-0500: "Reflections" (BBC, England). A religious program but far from a sermon. The emphasis is more on a philosophical examination of religion and its relationship to our lives by noted English clergymen and theologians. Good for those interested in the more cerebral aspects of religion. (6175/9510).

0115-0125: "Living Here" (Kol Israel, Israel). Features interviews with immigrants to Israel and with people living in Israel on a temporary basis (like students). Examines daily life and institutions in the country. (7412/9440/9815).

THURSDAY

0110-0130: "Microphone on Europe" (Deutsche Wells, West Germany). An in-depth analysis of feature stories in Europe, including "Commentary" (editorial opinion), economic news, West German press review, and obituaries of famous Europeans. (6040/6085/6145/9545/9565/11785. Repeated for West Coast at 0510 on 6130/9545/9690/11705.

0150-0225: "Media Network" (Radio Nederlands, Netherlands). One of the better programs about shortwave radio listening, includes stories related to SWL, interviews with spokesmen from the major international broadcasters, DX tips, clandestine operations, publications, propagation conditions, and technical reports on equipment. Very popular program. (9895/6020--Flevo. Repeated at 0250 on 6165/9590--Bonaire. Repeated for West Coast at 0550 on 6165/9715--Bonaire.

FRIDAY

2015-2030: "Understanding the Holy Quran" (Radio Kuwait, Kuwait). Program begins with reading of a Koran text in English followed by the chanting of the text in Arabic. After a brief interlude of instrumental music, the text is interpreted and analyzed. Makes clear the common historical roots of Judaism, Christianity, and Islam. (11675)

0220-0255: "Brazilian Popular Music" (Radiobras, Brazil). This program features commentary about popular Brazilian artists and composers, sometimes giving brief biographies of the more important figures of the popular music scene in Brazil. Of course, they play some of the songs, too. Program is interrupted between 0240-0250 by "Cultural Happenings", and then continues to 0255. Also includes some critical opinion about music. (11745)

SATURDAY

0010-0015: "Moscow Viewpoint" (Radio Moscow, USSR). An editorial opinion program. Of course the opinions are rather predictable--liberally sprinkled with anti-Americanisms. If your tolerance for that kind of thing is at a reasonable level, the programs can provide an interesting new way of looking at Soviet-American relations. Perhaps they actually believe the motives they ascribe to the U.S. (9765 et. al.)

0103-0158: "Play of the Week" (BBC, England). This program may create some nostalgia in those who remember the golden years of radio broadcasting before television, and it provides an interesting insight on those days for those of us who were not around back then. An hour long dramatic program up to the usual high standards of BBC dramatic production. Actors' names are included, as well as that of the director. (6175/7325/9590/9915)

I'm afraid that's about all for this month. I'm also afraid that the times of the programs I've listed here tend to reflect my own convenience in listening times rather than what's convenient for others. But as far as I can tell from reading the FRENDEX Log Reports, SWL's tend to keep rather strange hours anyway.

By the way, if you disagree with any of the opinions expressed in this column, please let me know. Like most SWL's, I'm all ears. Until next month, good listening.

Alex Balman

RADIO AUSTRALIA VISIT/TOUR

BY
BILL WHITACRE
OUT THERE SOMEWHERE

On December 28, 1984 I was able to tour the new (official opening a year ago) Radio Australia (RA) studios near Melbourne, Australia. There follows a brief account of what was learned.

Through transmitting facilities in Shepparton, Carnarvon and recently reconstructed facilities in Darwin (the then half completed facilities in Darwin were literally swept away by Cyclone Tracy 6 years ago) RA broadcasts in 9 languages to SEA, Japan, the Pacific, North America and Europe. Their primary targets are Indonesia and Japan. With 9 and one-half hours of Indonesian programming per day they devote more air-time to this language than any other international broadcaster.

Radio Australia is probably the most listened to Asian short-wave broadcaster in North America. Providing an excellent service year 'round on 9580 kHz, a frequency they have used for more than 20 years. They and Radio Japan form a basis for the most accurate sources of Asian news available in the Far East.

All of RAs' program feeds are computer controlled and a sophisticated control room allows for manual back-up as well as audio and video distribution throughout the system. Off-air signals from a variety of other shortwave broadcasters (BBC, VOA, Radio Republik Indonesia, Radio Beijing, Radio Japan and Radio Moscow) are fed by Landlines from a receiving station in Hyde Park, Victoria to the various language units, newsroom and parliamentary offices.

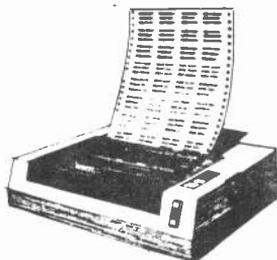
People at RA can actually "Listen" to RA - something most people at VOA never have an opportunity to do.

Besides the usual newsroom, producers' lounge, picture-window studios and amenities of a broadcast facility, the RA site has two things of special interest.

The first is an excess of property which, in the near future, RA plans to fill up with offices for the Australian Broadcasting Corporation (ABC); the internal, government-operated broadcasting network. There is some discussion about this as it would move them far from the city-centre where the real news happens. Whether the moves eventuate or not is not a foregone conclusion.

The second point of interest is a 10 meter dish near the facility being readied for a satellite yet to be deployed by Eurosat. This will give RA a valued link with the rest of the world and is the first in a series of satellites to be launched.

Just as Australia is a very different country from New Zealand, so too is their outlook towards international broadcasting. Australia has realized the potential of the medium and have made the investment necessary to ensure a clear, potent voice in Asia and the Pacific.



Computer Corner

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

This month the Computer Corner welcomes Paul 'Pop' Costello with his logging program for the TI99/4A. Pop's is the first TI article and program. Pop also holds another CC record. At 79 he is NASWA's most senior computing DXer.

POP COSTELLO'S FUNNY FACTS

1. Someone gave an old man an unused TI99/4A computer because he never kept lists of his SW Loggings.
2. The computer looked like a typewriter. The old man had used typewriters since 1923.
3. The old man was curious. He studied the manuals and finalized a program for SWL Logs.
4. Now the old man can scan a SW band and the computer will tell him what's on that band by frequency.
5. If the band is hashy the computer tells him what is on any other band at that moment.
6. If he wants to hear DW, Alaska, Australia or Radio Lesotho, the computer tells him where and when to tune.
7. The old man still doesn't keep lists. The computer does it for him. Now he is SWLing more than he ever has in years past, and he is having fun.
8. Do not look for a TI99/4A if you intend to take up computers as a hobby. There are others more suitable for that hobby. If all you want is help in SWLing, look for the TI99/4A. There are closets full of them selling for less than \$100 with the necessary cassette data recorder. An inexpensive TV can serve as a monitor in the shack.
9. You may have a copy of the old man's program on tape. Just write him and send a blank cassette to:

Pop Costello
7217 NE 175th St.
Bothell, WA 98011

```
10 CALL CLEAR
20 REM SWL LOG
30 REM *****DATA INITIALIZATION*****
40 M=1000
50 REM *****PROCESSING STARTS*****
60 PRINT "SHALL I PRINT ALL OF THE:"ENTRIES (Y OR N)?"
70 INPUT A$
80 IF A$(">")="Y" THEN 230
90 REM
```

```

100 PRINT
110 PRINT
120 PRINT
130 PRINT "FREQ";TAB(7);"BAND";TAB(15);"COUNTRY"
140 PRINT "DETAILS"
150 PRINT "-----"
160 PRINT
170 FOR I=1 TO M
180 READ F$
190 IF F$="END" THEN 990
200 READ B$,C$,D$
210 PRINT F$;TAB(7);B$;TAB(15);C$;TAB(2);D$;:
220 NEXT I
230 PRINT "SEARCH FOR (F),(B),OR (C)?"
240 PRINT
250 INPUT A$
260 IF A$="B" THEN 820
280 IF A$="C" THEN 640
290 REM *****FREQ SEARCH AND PRINT*****
300 PRINT "ENTER THE FREQ"
310 INPUT X$
320 PRINT
330 PRINT
340 PRINT X$;TAB(7);"BAND";TAB(13);"COUNTRY";TAB(2);"DETAILS"
360 PRINT "-----"
370 PRINT
380 FOR I=1 TO M
390 READ F$
400 IF F$="END" THEN 990
410 READ B$,C$,D$
420 IF F$(<)X$ THEN 440
430 PRINT TAB(7);B$;TAB(14);C$;TAB(2);D$;:
440 NEXT I
450 GOTO 990
640 REM *****COUNTRY SEARCH AND PRINT*****
650 PRINT "ENTER COUNTRY"
660 INPUT X$
670 PRINT
680 PRINT
690 PRINT
700 PRINT " ";X$;TAB(2);"FREQ";TAB(8);"BAND";TAB(18);"DETAILS"
720 PRINT "-----"
730 PRINT
740 FOR I=1 TO M
750 READ F$
760 IF F$="END" THEN 990
770 READ B$,C$,D$
780 IF C$(<)X$ THEN 800
790 PRINT TAB(1);F$;TAB(7);B$;TAB(15);D$;:
800 NEXT I
810 GOTO 990
820 REM *****BAND SEARCH*****
830 PRINT "ENTER THE BAND"
840 INPUT X$
850 PRINT
860 PRINT
870 PRINT

```

```

880 PRINT " ";X$;TAB(9);"FREQ";TAB(16);"COUNTRY";
890 PRINT TAB(4);"DETAILS"
900 PRINT "-----"
910 PRINT
920 FOR I=1 TO M
930 READ F$
940 IF F$="END" THEN 990
950 READ B$,C$,D$
960 IF B<>X$ THEN 980
970 PRINT TAB(2);F$;TAB(9);C$;TAB(31);D$::
980 NEXT I
990 *****PROGRAM TERMINATION POINT*****
1000 PRINT
1010 PRINT
1020 STOP
1030 REM *****DATA ENTRIES FOLLOW*****
1040 DATA 5995,61300,AUSTRALIA,1040 10KW?
1050 DATA 11825,110300,TAHITI,1050 FR
1060 DATA 11800,111400,AUSTRALIA,1060//11720 1/27/5
3000 DATA END

```

ED's NOTE: Pop explains that his DATA statements contain four entries with the following information: frequency, band(in mHz) and time, country, line number(saves time updating)-parallel frequencies-language-date last heard etc.

!!!!!!!!!!!!!!!!!!!!!!!!!!!!

REMARKs

COMPUTER CONTROL FOR FRG-8000: Kjell Strom has written a program which enables a TRS-80 portable computer to control the new FRG-8000. It will be appearing in the September issue of QST Magazine.

DARKNESS PATTERNS in Applesoft which appeared in the March CC generated some correspondence. Vernon Hyson of Matthews, North Carolina sent along the following addition to the program. It maintains the same set of coordinates in memory so that you can perform the calculations for a 24 hour period.

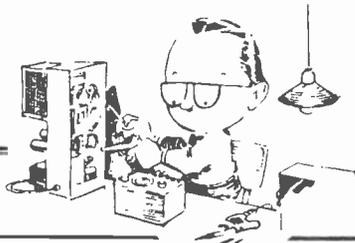
```

700 REM RUN AGAIN?
710 PRINT
720 INPUT "RUN AGAIN WITH NEW COUNTRY (Y/N)?";D$
730 IF D$ = "Y" THEN 250
740 INPUT "RUN WITH SAME COUNTRY - NEW TIME (Y/N)?";H$
750 IF H$ = "Y" THEN GOTO 760
755 IF H$ = "N" THEN GOTO 900
760 TIME = 0
770 GOTO 300
900 END
999 REM

```

!!!!!!!!!!!!!!!!!!!!!!!!!!!!

NEXT MONTH: The International Broadcast Listener's Computer Program



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

Replacing the R70's PBT Filter

Gerry Thomas

As has been widely proclaimed, the ICOM R70/R71 family of communications receivers is a potentially outstanding breed. A recurring complaint about these receivers, however, centers around ICOM's choice of filter in the passband tuning (PBT) circuit when receiving in the AM mode. The R70 (and I assume, the R71/A) uses a muRata CFW455HT ceramic filter in this mode, a relatively inexpensive filter with the following specs---4kHz at -6dB, 18kHz at -50dB and a maximum stopband attenuation of 35 dB. The last figure is of particular interest in that nearby signals of even moderate strength can find their way under the skirts of this filter and produce audible (occasionally intelligible) interference. This state of affairs is in stark contrast to the outstanding performance of the FL44/A, an optional (and expensive---\$159.95) filter available for the SSB PBT circuit.

The obvious solution to the PBT-AM problem is filter substitution. Unfortunately, space limitations are such that very few high quality filters are available which will fit and no quality filters (to my knowledge) have the same (strange) terminal lay-out as the stock CFW455HT. So, early attempts at correcting the PBT-AM problem revolved around mounting filters on the underside of the circuit board and bending filter leads to fit. This method, as well as the one whereby a filter was mounted nearby and connected to the solder points via heavily shielded cable, did not succeed because signal leakage at one point or other negated the improved specs of the more expensive filter. (Similar difficulties had been encountered in the past when trying to substitute high quality filters in certain brands of portables (i.e., Panasonic).) It became obvious that a more drastic solution was needed---a small, high quality filter would have to be found and the tracings on the circuit board reworked.

Finally, I did locate a ceramic filter of much higher quality than the stock filter, and of nearly identical size. Installation is not that difficult but is really not for the faint-hearted because new mounting holes must be drilled in the circuit board and copper tracings must be removed. Nonetheless, selectivity is improved and leakage is nil. In fact, I've modified my R70 so that the super FL44A can be used in the AM PBT mode and I can detect no difference in leakage between the FL44A and the substituted filter. Incidentally, the filter used in this mod is the muRata CFG455I with the following specs---4kHz at -6dB; 10kHz at -60dB; and a stopband attenuation of 70dB.

Before performing this mod, make sure that your warranty has expired because the procedure described below will undoubtedly terminate it.

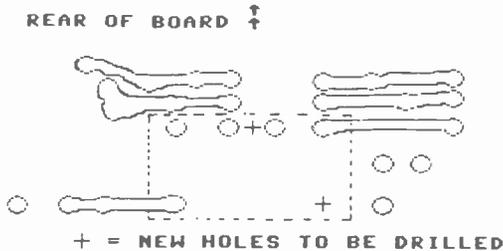
What you will need--

- (1) muRata CFG455I filter
- (1) hand or power drill
- (1) #60 drill bit
- (1) soldering iron and solder
- (1) desoldering tool or wick
- (1) Phillips head screwdriver

- (1) razor blade or X-acto knife
(a Dremel tool with a small grinding bit is much preferred, however).
- (1) length (<2") of hook-up wire

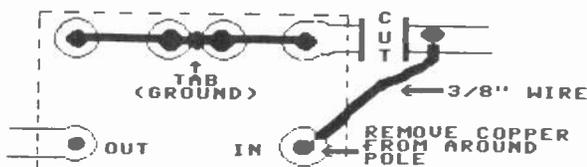
Procedure

1. Remove top cover of R70 as per manual instructions.
2. Locate on top of the circuit board the AM PBT filter. It's labeled F15 on the schematic and is at the left rear of the board.
3. Follow instructions in the manual for accessing the bottom of the main circuit board. These are the same instructions in the manual for installing the FL44 crystal filter in the SSB PBT circuit; but, obviously, you won't be installing an FL44 so don't remove the SSB filter, resistors, etc. You just want to get at the bottom of the circuit board.
4. Locate the solder points of the stock ceramic filter on the underside of the board (see illustration).



STOCK CERAMIC FILTER TRACINGS

5. Using your desoldering tool, remove the solder from the five (5) solder points and remove the filter from the board.
6. Now, take the new CF6455I filter and bend the ground tab on the bottom of the board and thereby create indentations to mark the places to drill the new mounting holes. You will have to drill two new holes (one for the input terminal and one to accommodate the ground tab) and you will have to enlarge the existing mounting holes (in the three remaining corners) to accommodate the slightly larger terminals of the new filter.
7. Drill/enlarge the holes as illustrated; drill from the copper tracing side of the board (to avoid ripping the tracings from the board).
8. Take your razor blade/X-acto knife or Dremel tool and carefully cut or grind away the circuit board coating that surrounds the hole which you drilled for the tab of the new filter (you want to get to bare copper).
9. Now remove the coating as well as a small circle of copper that surrounds the new hole you drilled for the input pole of the new filter. When you insert the new filter, you don't want this pole touching any of the surrounding copper.
10. Finally, cut or grind away the copper tracing as illustrated below.



CF6455I CONNECTIONS

11. Now insert the CFG4551 on the component side of the board (the space formerly occupied by the stock filter) and press down firmly so that the new filter is seated snugly against the circuit board.
12. Fold the ground poles of the new filter toward each other so that they meet at the ground tab of the filter.
13. Bend the tab against the board tightly and solder the poles and tabs to each other and to the circuit board.
14. Take a 3/8" piece of ordinary 18-20 gauge hook-up wire (I tried shielded wire and ferrite beads with no discernable improvement over the hook-up wire) and solder one end to the pole marked 'IN' on the illustration.
15. Scrape away the plastic coating on the illustrated copper tracing and solder the other end of the 3/8" wire. Route the wire away from other solder points and press against the circuit board.
16. Replace the circuit board and top cover of the R70.

You have now completed the filter substitution mod.

Turn on the R70 and notice that the travel of the PBT knob is much tighter than before. That is, intelligibility on moderately strong stations is lost at about the 9:00 and 3:00 o'clock positions (instead of 7:00 and 5:00, if at all). Most importantly, if you performed the mod correctly, you should be able to detect no difference in levels of audible splatter between the PBT 'on' and 'off' positions when tuned a few kHz away from a strong station.

If you are interested in this mod but can't find the muRata CFG4551, I'll mail you one for \$19 (ppd) or I'll perform the mod for you for \$30 (plus return shipping). Please send inquiries or questions to: **Gerry Thomas, 3635 Chastain Way, Pensacola, FL 32503.**

Finally, I have not tried the preceding mod on the R71/A but I assume the procedure is identical. I would be very interested in hearing from anyone who tries the mod on these later models.
73's---GT

- - - Many thanks, Gerry! While on the subject of receiver modifications, Don Moman of Shortwave Horizons has compiled an R71A Performance Manual. This very detailed publication describes many useful modifications for the R71A. To order, send \$ 10 (US) to:

Shortwave Horizons
6815-12 Avenue
Edmonton, Alberta
CANADA T6K 3J6

With this issue we conclude our editorship of "TECHNICAL TOPICS". Hopefully, next month will see a new face gracing these pages. I would like to take this opportunity to thank the various contributors and supporters of the column, and above all, the NASWA membership for the opportunity to serve.

-73. *Jim*

ENGLISH LANGUAGE BROADCASTS TO EAST & CENTRAL NORTH AMERICA May=Aug. 85

Compiled by Roger Legge, Box 232, McLean, VA 22101

* - Not intended for NA, but reception good. M-F refers to EDT/PDT days.

MORNING

EDT	UTC	Station	Frequencies (Khz)
6:00-9:00am	1000-1300	Moscow, USSR	11840h; 13660, 13700, 15100, 15135, 15150
6:00-10:00am	1000-1400	Melbourne, Australia	9580, 5995, 6060
6:30-7:25am	1030-1125	Hilversum, Holland	6020b, 9650b
7:00-7:30am	1100-1130	Helsinki, Finland	15400, 17800
7:00-9:00am	1100-1300	Peking, China	11860, 11650 (12-13)
7:00-9:30am	1100-1330	London, England	6195w, 9510c, 11775w, 15070
7:15-8:35am	1115-1235	TWR, Bonaire, NWI	11815
8:00-8:25am	1200-1225	Montreal, Canada (M-F)	9650, 11955
8:00-8:30am	1200-1230	Helsinki, Finland	15400, 17800
8:00-11:30am	1200-1530	HCJB, Quito, Ecuador	15115, 17890, 11740 (to 1430)
8:30-9:00am	1230-1300	Vienna, Austria(Sun.: 1200-1300)	15320
8:35-8:45am	1235-1245	Athens, Greece (not Su.)	11645, 15630, 17565
9:00-9:30am	1300-1330	Helsinki, Finland	15400, 17800
9:00-9:30am Su	1300-1330 Su	Oslo, Norway	15305
9:00-9:55am	1300-1355	Brussels, Belgium (not Su.)	15590
9:00am-12n	1300-1600	Moscow, USSR	11840h, 13700, 15100, 15135, 15150
10:00-10:30am	1400-1430	Helsinki, Finland	15400
		Stockholm, Sweden	15345
10:00-10:30am Su	1400-1430 Su	Oslo, Norway	15305

AFTERNOON

1200-1:00pm	1600-1700	*Paris, France	17620 ("Paris Calling Africa")
12:00-1:45pm	1600-1745	London, England (Sa/Su 1500-)	11775c, 15070, 15260c
12:00-5:00pm	1600-2100	Moscow, USSR	11840h, 11860, 13700 (to 18), 15100 (to 19), 15150
3:00-3:30pm	1900-1930	Jerusalem, Israel	9440, 11655, 12025
3:00-3:30pm Su	1900-1930 Su	Oslo, Norway	15310
4:00-4:30pm Su	2000-2030 Su	Oslo, Norway	15310
4:10-5:40pm	2010-2140	*Havana, Cuba	17885
4:30-5:00pm	2030-2100	*Sofia, Bulgaria	9700, 11750

EVENING

5:00-6:00pm	2100-2200	Moscow, USSR	9685, 11750, 11840h, 11850, 11860, 15175
5:30-6:00pm	2130-2200	Jerusalem, Israel	9440, 11655, 15585
5:30-6:30pm	2130-2230	Sofia, Bulgaria	9700, 11720
6:00-6:30pm	2200-2230	Montreal, Canada	5960, 9755
		Vilnius, Lith. SSR	11720, 11960, 15180
6:00-6:50pm	2200-2250	Tripoli, Libya	11815
6:00-7:00pm	2200-2300	Ankara, Turkey	9560
		London, England	6120c, 6175w, 9590c, 9915
6:00-8:30pm	2200-0030	Moscow, USSR	9610, 9685, 9765 (2230-), 9820, 9880 (22-23), 11735, 11750, 11850 (22-23), 12060
6:15-7:00pm	2215-2300	Berlin, DDR	6125, 6165
7:00-7:30pm	2300-2330	Jerusalem, Israel	9440, 9815, 11655
		Montreal, Canada	9755, 11710
		Stockholm, Sweden	11705
7:00-8:00pm	2300-0000	Sofia, Bulgaria	9700, 11720
7:00-8:30pm	2300-0030	London, England	5975, 6120c, 6175w, 7325, 9590c, 9915
7:05-7:55pm	2305-2355	*Warsaw, Poland	7270 (Concert)
7:15-8:00pm	2315-0000	Berlin, DDR	9730, 11975
7:30-8:00pm	2330-0000	Kiev, Ukr. SSR	11720, 11960, 15180
		Montreal, Canada	5960, 9755 (As It Happens)

EDT	UTC		
8:00-8:30pm	0000-0030	Jerusalem, Israel	9440, 9815, 11655
		Montreal, Canada	5960, 9755
		Tirana, Albania	7065, 9760
8:00-8:30pm Su	0000-0030	Mo Oslo, Norway	9580
8:00-8:45pm	0000-0045	Berlin, DDR	9730, 11975
8:00-9:00pm	0000-0100	Peking, China	15520, 15385
8:00-10:00pm	0000-0200	Madrid, Spain	9630, 11880
8:00pm-12mdt	0000-0400	*VOA, Washington, USA	5995, 6130, 9455, 9650, 11740 (to 02), 15205, 15375, 17730
8:15-9:15pm	0015-0115	Tokyo, Japan	11710
8:30-9:00pm	0030-0100	Lisbon, Portugal (M-F)	6095, 9680
8:30-9:25pm	0030-0125	Brussels, Belgium	5910, 9925
8:30-10:00pm	0030-0200	HCJB, Quito, Ecuador	9745, 15155
8:30-10:30pm	0030-0230	London, England	5975, 6120c, 6175w, 7325, 9590cy, 9915
8:30-11:00pm	0030-0300	Moscow, USSR	9530, 9600h, 9610, 9700, 9720 (to 02), 9765, 9820 (to 02), 11735, 11750, 12060
8:50-9:05pm	0050-0105	Vatican City	6015, 9605, 11845
9:00-9:20pm	0100-0120	Rome, Italy	9575, 11800
9:00-9:30pm	0100-0130	Budapest, Hungary (Not Su)	6025, 9520, 9835, 12000
		Jerusalem, Israel	9440, 9815, 11655
9:00-9:50pm	0100-0150	Cologne, W. Germany	6040w, 6085m, 6145, 9545w, 9565m, 11785m
9:00-10:00pm	0100-0200	Buenos Aires, Arg. (M-F)	9690, 11710
		Managua, Nicaragua	6015
		Prague, Czechoslovakia	5930, 7345, 9540, 9740, 11990
9:00-11:00pm	0100-0300	Taipei, Taiwan (via WYFR)	5985, 9680
9:00pm-12:50am	0100-0450	Havana, Cuba	6140
9:30-10:00pm	0130-0200	Montreal, Canada (M-F)	5960, 9755 (As It Happens)
		Tirana, Albania	7120, 9760
		Vienna, Austria	6000, 9635
9:30-10:15pm	0130-0215	Berlin, DDR	9730, 11975
9:30-10:25pm	0130-0225	Hilversum, Holland	6020, 9895
10:00-10:30pm	0200-0230	Berne, Switzerland	6135, 9725, 9885, 11925, 12035
		Budapest, Hungary	6025, 9520, 9835, 12000
		Kiev, Ukr. SSR	9800, 9820, 11720, 15180
		Montreal, Canada (M-F)	5960, 9755
10:00-11:00pm	0200-0300	Brasilia, Brazil	11745
		Bucharest, Romania	5990, 9510, 9570, 11830
		Johannesburg, So. Africa	5980, 6010, 9615
		Cairo, Egypt	9475, 9675
10:00pm-12mdt	0200-0400	Warsaw, Poland	7270, 9525, 11815
10:00pm-1:00am	0200-0500	HCJB, Quito, Ecuador	6095, 9745, 11910
10:30-10:40pm	0230-0240	Athens, Greece	7395, 9420
10:30-11:00pm	0230-0300	Tirana, Albania	7120, 9760
10:30-11:30pm	0230-0330	Hilversum, Holland	6165b, 9590b
		London, England	5975, 6120c, 6175w, 7325
11:00-11:30pm	0300-0330	Lisbon, Portugal (M-F)	6090, 9565
		Montreal, Canada	5960, 9755
11:00pm-12mdt	0300-0400	Ankara, Turkey	9560
		Prague, Czechoslovakia	5930, 7335, 9540, 9740, 11990
		Sofia, Bulgaria	11750
11:00pm-1:00am	0300-0500	Moscow, USSR	9530, 9600h, 9765, 11720, 11735
11:15-11:30pm	0315-0330	*Paris, France	9800gu, 11995gu
11:30pm-12mdt	0330-0400	Dubai, UAE	9565, 11730, 15435
		Tirana, Albania	6200, 7300
		Vienna, Austria	5945, 6000
12:00-12:15am	0400-0415	Jerusalem, Israel	9009, 9440, 9815
12:00-12:30am	0400-0430	Berne, Switzerland	6135, 9725, 12035, 15305

ENGLISH LANGUAGE BROADCASTS TO WESTERN NORTH AMERICA May-Aug. 85

PDT	UTC		
6:00-9:00am	1300-1600	Moscow, USSR (via Khab.)	7265, 9580, 9655, 11710, 12050
7:00-7:30am	1400-1430	Helsinki, Finland	15400
7:00-8:00am	1400-1500	Seoul, So. Korea	9750, 15575
7:00am-12n	1400-1900	Melbourne, Australia	9580, 5995, 6060
8:00-9:00am	1500-1600	Tokyo, Japan	9505
9:00-10:45am	1600-1745	London, England	9740s, 11750s, 11775c, 15260c
9:00am-12n	1600-1900	Moscow, USSR (via Khab.)	11755, 11840h, 12050
10:00-10:30am	1700-1730	Tokyo, Japan	9505
AFTERNOON			
3:00-3:30pm	2200-2230	Vilnius, Lith. SSR (via Khab.)	11790, 13605, 15180
3:00-6:00pm	2200-0100	Melbourne, Australia	15320, 15395, 17795
		Moscow, USSR (via Khab.)	11710, 12050, 15245, 15425
4:00-5:50pm	2300-0050	Pyongyang, No. Korea	15230, 9745
4:30-5:00pm	2330-0000	Kiev, Ukr. SSR (via Khab.)	11790, 13605, 15180
EVENING			
5:50-6:05pm	0050-0105	Vatican City	6015, 9605, 11845
5:00-7:00pm	0000-0200	Madrid, Spain	9630, 11880
6:00-7:30pm	0100-0230	London, England	6120c, 6175w, 9515gr, 11750a
6:00-8:00pm	0100-0300	Moscow, USSR (via Khab.)	11710, 12050, 15245, 15425
6:00-9:50pm	0100-0450	Havana, Cuba	6140
6:45-7:45pm	0145-0245	Seoul, So. Korea	11810, 15575
7:00-7:30pm	0200-0230	Budapest, Hungary	6025, 9520, 9835, 12000
		Kiev, Ukr. SSR (via Khab.)	11790, 13605, 15180
		Montreal, Canada	5960, 9755
7:00-8:00pm	0200-0300	Brasilia, Brazil	11745
		Johannesburg, So. Afr.	5980, 6015, 9615
		Tokyo, Japan	15195, 17825, 21640
7:00-9:00pm	0200-0400	Melbourne, Australia	15395, 17795
7:30-8:00pm	0230-0300	Stockholm, Sweden	9695, 11705
7:30-8:30pm	0230-0330	Hilversum, Holland	6165b, 9590b
8:00-8:30pm	0300-0330	Lisbon, Portugal	6090, 9565
		Montreal, Canada	5960, 9755
8:00-9:00pm	0300-0400	Ankara, Turkey	9560
		Peking, China	15385, 15520
8:00pm-12mdt	0300-0700	Moscow, USSR (via Khab.)	11710, 11770, 11790 (to 06), 12030, 12050, 13605, 15425 (to 05)
8:15-8:30pm	0315-0330	*Paris, France	9800gu, 11995gu
8:30-9:00pm	0330-0400	Stockholm, Sweden	11705
8:30-9:30pm	0330-0430	London, England	5975, 6175w
		Seoul, So. Korea	9570
8:30-11:00pm	0330-0600	Havana, Cuba	6090
9:00-10:00pm	0400-0500	Buenos Aires, Arg. (M-F)	9690, 11710
		Managua, Nicaragua	6015
9:00-9:30pm	0400-0430	Berne, Switzerland	6135, 9725, 12035, 15305
9:00-9:15pm	0400-0415	Jerusalem, Israel	9009, 9440, 9815
9:30-10:00pm	0430-0500	Vienna, Austria	6000, 9635
9:30pm-12:30am	0430-0700	London, England	6175w, 9510
10:00-10:50pm	0500-0550	Cologne, W. Germany	5960, 6130, 9545w, 9690, 11705w
10:00-11:00pm	0500-0600	Madrid, Spain	5970, 6125, 9630
10:30-11:25pm	0530-0625	Hilversum, Holland	6165b, 9715b
10:30-11:15pm	0530-0615	Berlin, DDR	9620, 11970
11:30pm-1:00am	0630-0800	Havana, Cuba	9525



MAY 1985

Listeners Notebook

GLENN HAUSER, Box 490756, Fort Lauderdale FL 33349

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AFGHANISTAN R Afghanistan, 25/4 *1230 on 1835, flute IS, s/on by M, ID, nx, not sure of lang, weak 22332 (Gary Hickerson, Ft Smith AR)

ALASKA Due to poor reception, KNLS is going to drop its Eu svc. EG 1730-2000 on 7355 (SCDX bc 7/5) Surprise

ALGERIA R Algiers Int'l, 17745, 6/4 *2000-2034 in EG, fq amnts, no ID, just 4 pips prior to ID; SIO 252, //15215 SIO 2+52+; nx included detailed Iran vs Iraq update; 2020 rock mx, 2030 FR (Richard A D'Angelo, Wyoming PA) Used to be SP 2030 (gh) New fqs in AR 15205 arnd 1100; beware Egypt 15210v; 7145 18-22+ // 6160, 891 (No#1 Green, UKOGBANI, RCI SWLD 4/5)

ANGOLA Luanda back after 3 weeks, this time on 5358 (R Ginbey, RSA, RNMN 9/5)

ARGENTINA Ten armed men destroyed the transmitting stn of an Argentine state-run radio net; early this morning, the men, some in police uniforms with stocking masks on their faces, forced two guards and a technician out of the building, and planted explosives that destroyed the network's three xmtrs. With the return of democracy to Argentina, Radio Belgrano has attracted a large following because of its outspoken commentators. They've given extensive coverage to the trial of the former junta for human rights violations, which, says a network spokesman, may have been the reason for this attack. The network, owned by the Argentine government, returned to the air hours later with a borrowed transmitter (Margaret Grammer, ABC News, Buenos Aires, 29/4, via Dave Alpert, NY) Arg nx agcy Noticias Argentinas reported 29/4 R Belgrano's xmtr plant partially destroyed in terrorist attack at dawn that day, forcing stn to stop broadcasting. For some time now, NA said, staff of R Belgrano'd been target of repeated criticism from centre-right political groups. A Telam nx agcy report later that day said LR3 R Belgrano resumed bcng at 1055 local, tho w/some tech difficulties thru facilities of LR5 R Excelsior. Later, for brief period, svc bc by R Municipal and then its bcng was 'regularised' thru use of R Nacional aux xmtr. Telam also reported 29/4 that a member of R Belgrano's nx staff had said that as of 1100 local that day, nxcasts of LR3 R Belgrano'd stopped using any material supplied by the NA nx agcy, to which the radio subscribed, and that termination of contract w/NA was under study. Stn's director, Telam said, avoided any comment on the matter but it was believed stn's decision'd been prompted by an NA dispatch referring to "Without Anæsthesia", one of stn's most criticised pgms as one in which 'daily communication is made w/Sandinist stn in Nic and w/Cuban & Yugoslav radios'. Presently, only natl nx svc being used by R Belgrano was Telam. NA reportd 2/5 that a group of unID individuals'd again attacked the xmns plant of RB and had fired shots at policemen standing guard, who managed to repel attack. Since 29/4 attack, RB'd been bcng w/eqmpt provided by R Nacional (WBI 9/5) The cland pgm "Vamos Chile" is now on SW--the Vanguardistas are hrd on R Belgrano, 950 and 6090, UTC Suns 0000 (Emilio Pedro Povrzenic Argentina, Radio-Enlace on RN 27/4) RAE's SP DX pgm Actualidad DX is now bc on Weds 0415 instead of Tues at same time, on 11710 & 15345; Thurs 0135 on same; 2215 on 9690 & 15345; RAE has also dropped 11755 completely (Gabriel Iván Barrera, LA-DX March)

AUSTRIA ORF hrd at 0630 on 15410 & 6155 in EG instead of sked GM (SCDX 14/5 bc)

BANGLADESH R Bangladesh, Dhaka, ES: 08-0830 EG WEU V of Islam & 0830-10 BG WEU on 17670 15230; 1230-1300 EG Eu 17665 11935. 1315-1345 NP Nepal 9775 7105. 14-15 UD to Pak 9640 7145; 1530-16 HD India 9590 7195. 16-1630 AR ME & 1630-18 BG ME on 15050 & 9855. 1815-19 EG Eu & 19-1915 slow EG nx Eu 7355 6240 (WBI 25/4) Probably outdated; not too much point in issuing a sked a week before quarterly changes more, L M I

BELIZE RB, 3285, in EG w/Negro/Caribbean accents; M talking of thousands of dollars, soccer results 0450, then s/off; "R Belize keeps you in touch with events in your neck of the woods"; SIO 242; QRM from Brazil unID on 3286, 13/4 (Derek Lynch, Ballinderry, Mullingar, Co Westmeath, Ireland) Welcome to LN! (gh)

BENIN Incomtel will install a 20 kW SW xmtr at main ORTB stn of Abomey-Calavi near Cotonou (International Broadcaster via Harold Sellers, May DX Ontario)

BOLIVIA R Progreso, La Paz, reactivated 6005 21/4 G to about 1200 in Aymará; had been inactive since end of 1982 (Emilio Pedro Povrzenic, Argentina, Radio-Enlace 27/4) R Nueva América, La Paz, 18/4 & 19/4 2300-0330 on 4796.7, G-E at a level worthy of a Venezuelan, w/Venez type mx, IDs, ads; what's going on? (Gordon Bennett, UK; 'BGD', S Nuzzi, Giuseppe Zella, Dario Monferini, Andrea Lavendel, Italy, Play-DX) R Urkupina, 15/4 on 4300.6 (Juan Carlos Codina, Perú) Per visits to stns, R La Plata, "IV de la Capital," 9715, addr is Casilla 276; sked on SW 1330-1830; sports pgms Suns 1800-2230 [not clear if this is MW and/or SW], anniversary date 6/11/43; studios at E. Avaroa 422; director Gregorio Donoso Daza; 2 kW SW xmtr, R Loyola, 1 kW xmtr on 5995 is inactive; plans to reactivate and increase power to 5 kW; sked on MW is 1030-0400; anniversary 31-7-50. Also, R La Plata tech explained that due to low voltage in Sucre, which also has the highest level of static electricity in the country. R La Plata cannot use its new SW xmtr; several TVs in the downtown area where stn is located, were 'burned out'. FM stn on 92 Mc R Colosal, Sucre and it would soon begin MW & SW xmsns; sked 1030-0500; anniv 29/9/83. Dir is Moisés Torres Ramírez. Studios on the 3rd floor of the Central Market. In Tarija, a very dusty place which we were prepared for with plastic bags over our radios, we visited R Los Andes, 3 kW on 4775; new studios at Avenida Las Américas 963, xmtr site in El Tejar area, Anniv is 11/9/40 & director is Jaime Rollano Monje; postal addr is Casilla 34 R Luis de Fuentes, is on SW only, 6145, 1 kW at 09-17. New studios will be on Calle Bolívar and will soon start AM & FM. Postal addr is Casilla 125; new dir is Luis Arellano Castañeda, Captain Luis de Fuentes y Vargas founded Tarija with the name "La Villa de San Bernardo de Tarija," on 4/7/1574, by order of the Viceroy Don Francisco de Toledo. Earliest native inhabitants were the "tomatas", very similar to the present Tarijan "chepaco" who are characterized by their stout frames and incomparable hospitality. In 1810; Tarija came out in favor of independence, and since then its men fought until independence was gained for Bolivia (Julian Anderson, Vicente Bombardiere, Emilio Pedro Povrzenic, Feb Latinoamérica DX)

BOTSWANA A VOA source advises that the planned HF relay will not be built, if agreement is reached w/the Liberian govt for installation of 500 kW xmtrs there. Previous plan for Botswana was for four 250 kW HF xmtrs (Robert Jones, May ADRX) Hmm, seems to me that diversification would be a better idea; also, the two sites are thousands of miles apart and having both would provide better coverage than Liberia-only (gh)

BRAZIL R Aparecida hrd on 11857 9/5 0239, G w/both Am & Bz mx; positive ID at 0258* Boy, they say 5 kW but over S9 sig! (Chuck Oliver, Spring TX) Hope you are feeling much better now (gh) R Cultura do Pará, Belém, 5/5 0020-0045 VG on 4604; don't know what it's doing there; // 5045 where RTTY was martyring it (Dario Monferini, Italy, Play-DX) R 8 de Setembro, Descalvado SP has always been on 2490, never on 2480 or 2320 as reported here and there (Antônio Ribeiro da Motta, Brasil, Play-DX 22/4) R Capixaba reactivated on 4935, 27/4 2358 Brasopops, 0000 ID w/MW & SW fqs, ads; F but heavy noise bursts; also 28/4 & 29/4 to 0000* but not hrd 30/4 (W J Parks, DKSF) R MEC, Rio, currently hrd arnd 2130-2330 on 11950, is adding new ants & xmtrs. The new 16mb xmtr will bc to N Bzl, while new 31mb svc'll serve NE & S; 49m for E part of country. Newly built 25mb installation to serve C & W Bzl. Entire system to be in opn by yearend. R MEC bilong Ministry of Education & Culture (Claudio Dondi. SCDX 16/4 print) VOA via RadioBrás, Brasília xmtrs in SP: 0130-03 9580 17710, 1130-14 15205 17885 (Robert Chester, R A JP DX Time 5/5 [and VOA J85 sked tho ambiguous about 0130 pgm start--might be earlier]) Nationally networked V of Brazil nx pgm reported 17/4 that the study which the Comms Ministry had been making on concessions granted to radio & TV stns'd reportedly be ready in 30 days. In a press conf after a meeting w/ the acting President, Comms Minister said study was serious and that many concessions could be cancelled (WBI 25/4)

CAMEROON Douala 4795 had been missing for over a month when hrd again 21/4 // 9745 with mx in EG 2100; great for that; also on Yaoundé 4850 also strong, but RTTY QRM, 14/6.2115 FR, drum mx (Derek Lynch, Ireland)

CANADA RCI J85 changes in EG: SAm 0100 17820 ex-9535. M-F Eu/ME 0615 & 0645 add 11960 to Eu; 11840 ex-11805 to ME. M-F 1200-1225 drop 11855. 1530 drop 21695, Sines 15160 ex-15315; 1645 drop 21695. 1900 Eu new Daventry fqs 9555 7130; M-F 2000 Eu D5995 & D7130; 2130 17875 & 15325 are now Sat/Sun only; 3 other fqs daily. M-F 22-23 Eu 15325 11960, D7230 D6170. SWL Digest to 0300 Mon; Listeners' Corner to 0000 Mon, ex-0100 (Ian McFarland, RCI SWL Digest 4/5) RCI has restored GMT to its pgm skeds, but now split them up by target area. NAM listeners who can hear them all will apparently have to ask for each one of them (gh)

/more, LMI

CHINA R Beijing ES ancd to NAM listeners 28/4 that from 4/5, 'd cancel two of five ENAm xmsrs, 01 & 02, leaving 1100 on 11860, 1200 on 11860 11650, 0000 15520 15385 (WBI 2/5; & WNAW 0300 on 11970 15520 17795, 0400 on 11970 17795 (R Beijing msg to gh) Ancd WNAW for J85 at 03 on 15520 15385 11970; 04 on 15385 11970, but 11970 inaudible. Continues testing w/audio from SAs svc 1300 & SEAs svc 1400 both on 9550 & 9730; no longer at 1500; at 1200 also testing on 9535 (David Newkirk, Seattle WA) Most days the Beijing 9730 test is bothered by VOA Indonesian *1400; some days killed by it. 9730 best here at 1300 usually; 9550 if I have to listen later. Beijing's cutback to one eve EG xmsn on 15520 puts Cantonese on that big xmtr at 0100--usually only Putong hua is on the biggies, otherwise used for EG to NAM; exactly reversed: Cantonese should be more. At 0300 17795 confirmed, and maybe a hint of 11970; both also at 0400 but 11970 can never be of any value if this is the first time I've hrd it (Dave Newkirk, Seattle, later, c 9/5) R Beijing G-E 1515-1556* on 9550 // F-G 9730; ancd to SAs; apparently people responsible for pgm content aren't getting word of fq changes, from Engineering staff, as W still ancs 11600 & 15165 as fqs just before 1556* 12/4 (Bob Padmer, Spokane WA, who may be giving up DXing for the summer due to rotten condx, especially there at 47+0N) R Beijing ES ancd it'd inaug bcs in Std CH for NE Asia 4/5, 2230-2330 9590, 09-10 9590 9480; one-hour pgms for Overseas Chinese in NEAs'd consist of 20 mins nx, then literary and arts pgms, features, to include "listeners' letterbox", "Today's Hometown", "Returned Overseas Chinese in the Motherland," "Knowledge about China" and other pgms of interest to Overseas Chinese. A talk in the 4/5 09-10 bc indicated xmsn mainly for overseas Chinese in Japan (WBI 9/5) COLMBelow

COOK ISLANDS W/Havana off 11760, R Cook Islands now being hrd much earlier, & varied almost down to 11759.1, 26/4 f/in 0145 past 0630; biling ancr, disco mx, few IDs but local ads in EG; no nx either before 0600 as sked in WRTH; Tahiti in better; RCI peaks around 0500 (Artie Bigley, San Antonio TX) W/J85 something else, a Soviet? (gh)

COLOMBIA R Emisora Nacional de Colombia, 30/4 2350 in SP w/Noticias e Informativo on apx 17714 LSB, G w/random fading; after 0010 fair w/het (Neal Krasnoff, New Hyde Park NY) Tnx for your first report (gh) R Macarena, 5975, 21/4 2346-0019 w/sports results, 0000 ID & fq, vocals; SIO 3+53+ (Richard A D'Angelo, Wyomissing PA) LV del Llano 11/5 0550 arnd 6119, leaving Unión clear. Did Codina ever get anything more out of the 3700v R Lux? I'm glad he vindicated my ID of it, but I (in Colombia) said it was Peruvian whereas he (in Perú) said it was Colombian! I defer to him in such matters. Did he ever figure out QTH? It seems that several Colombian SW stns such as my 6200v & 3165v of late '83 will never be solved, and the ones I did ID have all disappeared (Richard Stoller, Middletown CT; see also CRANNY) He reported R Lux in June 1984 RIB on 2nd harmonic 741lv, as coming from Guachual, Narifio, frontier area also rife w/ other unoffl(?) stns like LV de Samaniego 6350, Ems Nuevos Horizontes 5750.6, Ipiales

COSTA RICA TIQ R Casino, 5954.2, 1327-1340 apparently airs at least an hour of EG Sundays; t/in 21/4 to man reading local obits & msgs; carted SP ID 1330 & back to EG w/canned religious pgm (Terry L Krueger, DXSF) R Earth was considering using R Relej but edged out by Ecos del Torbes Venez, qv (gh) more, LMI CONGO, LMI

CUBA Besides some off-fq MW stns, observed this above 1600: 15/5 0021-0026 on 2100 kHz W talking, fades, mx, // 1040 & 1050 so this'd be 2 x 1050, R Victoria, Las Tunas. At 0103 Cuban mx on apx 1785, FM distorted, no carrier detectable, 0105 into mx; // 910 & 1380 etc, R Cadena Agramonte, but unsure from which the spur emits (gh, Lucaya, Grand Bahama w/365' longwire) [see also CRANNY for Radio Martí] DENMARK LMI

ECUADOR HCJB has a mini-DX pgm Suns & Mons at 0130 in the Club de Amigos pgm in SP; It's produced by an Uruguayan DX club ('EM', Feb IA-DX) J85: 11960 & 11910 (gh)

EQUATORIAL GUINEA On 6250 6/4 at 2203* in SP w/vocals & hlife until 2159; ID & s/ off anmts then familiar long anthem; severe Vatican QRM which is sitting on this channel, SIO 222 (Richard A D'Angelo, Wyomissing PA) Down to 5004 the DS at *0430 w/5-min NA; no anmts til past 0500; the 15107 IS hrd one day in Apr at *1700 (Richard Ginbey, RSA, RNMM 9/5)

FRANCE In early 1984 we reported on the propagation reports that could be heard from the Paris Observatory on 83.8, 7428, 10775 and 13873 kHz. These came to an end 1/4. Listeners have been encouraged to write with suggestions to Ursigram, Meudon Observatory, F-92195 Meudon, France (Yann Conan, France, and Michael Renner, West Germany, SCDX 9/4 print) This is somewhat curious because as far as we can tell, the bcs originated from the Paris Obs, not the Meudon Obs (George Wood, SCDX ed.) Paris Calling Africa keeps losing frequencies, if not transmitters, as several targets seem to be consolidated onto certain fqs; also starts at 1600 rather than 1606, on 17620, 17795, 11705, 6175 only; the first by far best in North America. News at 0315 & 0345 now sked on 9800 11995 to Ams; 7135 6175 9545 11880 9535 11995 9550 to Af/IndOc/ME. 0415 & 0445 on 9800 11995 Ams; 9790 7135 9545 11880 9535 11995 9550 11705 Af/IndOc/ME

GABON On WORLD OF RADIO 13/4, gh blamed Gabon for increasing interference ^{more} LMI (gh) CBC Sunday Morning; that is unfair to Africa Number One. I receive Moyabi most mornings after 1130 but there is some other humming sound on 17820 these past weeks which was not there before. Gabon too is suffering this QRM as it used to be all-5 and clear. Same hum hits RCI/CBC on 17820 until 1500 (Derek Lynch, Ireland) GAMBIA LMI

GERMANY Pirate R^WFreibier (beer on demand!) hrd 22/4 2245-2359 on 4724 w/IDs in GM, no QTH given, pop mx, G-E (B Gruendl, W Germany, Play-DX) Scads of daytime Europirates I overskip, but here's one that'd be possible in Nam (gh) Prob WEST but unsaid

GERMANY WEST [Cf May LN] I called the Tech Dept of SDR-Stuttgart and got this info: SDR really is conducting test xmsns in SSB on their 6030 outlet! On odd days they switch from normal AM to USB+carrier reduced by 6 dB. These tests have been running since April 1984 or so--the engineer I talked to didn't know exactly--and will continue at least till the end of June/July 85. Reports are most welcome, especially if you compare reception quality for SSB/AM xmsns on odd/even days (UTC)! Reports should be sent to usual addr c/o Technische Direktion (B Gruendl, 11/4, OMDX DX Log) Odd/even days of the month, or of the year?? If of the month, then there'd be two odd days in a row on the 31st & 1st (gh) New J85 sked for test xmsns from DW Jülich, not generally available to people other than offl DW monitors: 06-0755 GM ANZ 7285. 08-0955 GM Eu 6015. 10-1120 BG/RM SEu 9640. 12-1355 GM Af 17740. 14-1555 GM Eu on 6040. 16-1955 GM Eu 6075. 20-2050 SP Spain 6120. 21-2150 EG EAs 6185. 00-0155 GM SEu 7130. 02-0250 EG SAs 7250. 0330-0550 SH/EG/YR Af 6135 (Bob Padula, ADXN) Why?

GRENADA Barbadian nx agcy CANA reported from St Georges 24/4 that the state-owned R Grenada had for the 4th consecutive day been forced to cut its bc hours by 4 in the face of a shortage of ancrs. Sources at stn said at least two had reported sick and that there was growing uneasiness between some staff members and management. CANA said R Grenada normally bcs 06-13 & 16-22 local, but from Sun had closed down in the mornings at 09 local (WBI 2/5) 535 kHz

GUAM From 11/5, KTWR DX Listeners Log moves to 0830 ex-1000 Sats on 11840 (Cushen, /more, LMI SCDX bc 14/5)

HUNGARY R Budapest ancd that from 5/5 they'd use 11910 stead 9585 at 01 & 02 to Nam. 9585 wasn't audible here for a single moment since they switched these two last fall! (Grant Lochmiller, IA) In close coordination, HCJB on the same date moved its 500 kW xmtr from 15250 to 11910 until 0230--QRM w/HCJB was also a problem a few years ago before Budapest moved off 11910; here we go again. However, presumably clear at 0300 GMT Mons for "Hungarian History" and for DX pgm 0300 GMT Weds & Sats (gh) see POLAND

INDONESIA Results of monitoring RRI & RKIP in Feb/Mar w/some more recent annotations --all fqs measured on IC-R70; variable stns, mostly ± 0.1 kHz are marked y. Locations in () are tentative. In most cases morning and day xmsns are not discernable here in Japan. S/on with IS and s/off with "Love Ambon" are underlined; other on/off are in the course of pgming. AN = broadcasts all night regularly. Fqs not listed here are not checked at all; anyhow, most not hrd recently in Japan. Monitored and compiled originally for NTDXC Tune; NTDXC is a tiny local DX club in West Tokyo.

2332.0 Jakarta -1500-1705* Pigma Nasional	3214.6 Ujung Pandang; ancs //9510 per my DX friend Mr Yasushi Ichikawa
2376.9 unID 1700-2100- AN, Jak mx hourly	3215.0 Menado -2100 2200-, -1000-1500-
2390.0 Cirebon -1700-2100- AN, Jak mx "	3222.7v Mataram -1200-1500-
2423.5v Banjarmasin -1400-1500* ancg Pigma Kota; ± 0.2 kHz	3225.0 Tanjung Pinang -1100-1400*; cf 4920
2455.8 Dili -1500-2100- AN	3231.8 Bukittinggi -1200-1700*, night pgm continues on other fq
2472.1 unID -1800-2100- AN, possibly RRI	3241.3 Ambon, not hrd, maybe off
2490.1 Ujung Pandang (*1600)-2100- AN	3249.8 Banjarmasin -1200-1530*, night pgm continues on other fq; unseems //2423
2901.0 must be Mataram per recent ADXN; -1500-(2000*)	3259.7 (Kupang) -1600-1700- Mr Ichikawa says they announce switch here after 3385
3120 Dili, irregular or QRT?	
3204.3 Bandung -1100-1500-	

s/off; lately he got Kupang ID!

3264.8 Bengkulu -1330-1600-

3265.1 Gorontalo -1000-1330*; night pgm continues on other fq; not //3800v

3276.7 Jakarta(*2200-), -1100-1300* Pgma Khusus, // 4774; also hrd 2nd harm

3286.0 Madiun -1300-

3295 Samarinda not hrd, may be QRT

3304.7 Dfll not hrd

3325.0 Palangka Raya -1200-

3344.8 Ternate(*1955)-2200-, -1000-1500* // 3916

3345.0 Pontianak; QRM too heavy!

3355 Sumenep not reported for years

3375.0 Medan --1200-

3381 Malang no report for a year/Japan

3384.9 Kupang -1200-1400- cf 3260

3394.8 Tanjung Karang; apparently not on the air mornings; -1200-1700*

3398.7 Singaraja -1700-1900- AN often

3800v Gorontalo -1300-1550A* v+10 kHz; drifts minute by minute; Ichikawa says continues pgm of 3265; formerly the two had different pgms

3904.8 Banda Aceh -1400-, back here from late Feb; cf 4955

3905.1 (Merauke) (*1955?-2100-, -1100-1200-; low modulation

3916.2 Ternate (*1955)-2200; -0930-1500* //3345

3934.5 Semarang -1100-(1700*); sometimes on 3935.4 in Feb

3945.0 Denpasar -1400-1705*

3945.7v unID -1600- noted here from Mar; RRI, but not Ternate; different from Jakarta on 3946.1 & Denpasar

3946.1 Jakarta *1600v-2100- s/on drifts, 1500-1700, whimsical s/on; Pgma Nasional; AN

3955 Tanjung Karang, possibly not used

3960.0 Palu -1500-

3960.1 Bogor, must be still here, but too much co-channel QRM

3961.3 Padang, irr., not used recently; hrd once last summer

3976.0v Surabaya -1500-

3986.1v Manokwari -2100-2200-, -0930-1400* // 6188. Possibly same xmtr as that of Dfll reported here; want to know its measured fq and if there is any case of both on at the same time!

3995.1 Pontianak -2130-, -1000-1500*; nite pgm continues on other fq

4000.1v Kendari *2030-2200-, -1000-1515*

4002.7 Padang off morns, -1930-1700*[sic, probably means -0930-] Ichikawa says ancs as Pgma Regional and bcs Pgma Khusus on 88m/93 Mhz from 1700

4607.3 Serui *2055-2200-, -0900-1700*

4699.0 RKIP -2100-2200, -1000-1600*; often extended pgm at night

4719.3 Ujung Pandang off morns; -0900-1600* usually for night xmsn; not same xmtr as on 4753

4753v Ujung Pandang -2055-2200-; off nights

4764.1 Medan -1500-1600-

4774.4v Jakarta *2158-, -1000-1300* Khusus

4790.1v Fak Fak *2055-2130-, -0900-1200-; on 4789 in late Mar but again 4790 apx in April

4805.3 (Kupang) -1200-, vy poor sig always

4813v Sorong off morns; -1100- drifting here around 1100 in Feb w/overmod; now back to 4870; suspect two different xmtrs

4845.3v Ambon *2100-2200-, -0900-1500*

4855.7v Palembang -1200-1700*

4870.3 Sorong -2030-2200-, -0900-1515*; cf 4813; low modulation recently

4899.3 Surakarta; off morns & eves; see 4932

4910v Bukittinggi (-1100-)

4920.3v Tanjung Pinang *1400-2200-; switches here from 3225 at 1400 w/AN pgm; ± 0.2 kHz

4926.9 Jambi (*2155-), -1100-1400* suspect after 1400 on other fq; sometimes to 1700*

4931.6 Surakarta -2200-, -1000-1700* here from Feb 1; must be QSY from 4899 from its signal strength

4932.9 Surakarta was AN from 1700, but stopped from Feb 1, seems on other fq

4945.8 Bandung -1800-1900- AN

4954.7 Banda Aceh (-2200?-), -1100-(1700*?) in Feb but now on 3905

5043.6 Wamena *2055-, -0900*; not here at night; to avoid Jayapura QRM?

5045.9 Jayapura -1000-1130-

5046.2v Yogyakarta *1130-2000- AN; s/on before EG nx at 1130

5055.4 Nabire not hrd; QRT?

5205.0 Palangka Raya no trace recently; may be used for special occasions

5257.6v Sibolga not morns; -1100-2000-, but unseems AN [?], ± 0.5 kHz

5450.7v Biak -2100-2200, (-0300?-), *1200-1600*; must be on other fq til 1200

5881.1 Pekan Baru -1000-1600* then 5886

5886.0 Pekan Baru *1600-2000 AN, IS @ s/on

5970 Banjarmasin not hrd, maybe QRT

5987.5 Manado not hrd, maybe QRT

6044.8 Jakarta -1500-1705* low modulation

6127.5 Nabire -1800-(1815*)

6134.7 Samarinda seems to be used for day xmsn arnd 0800

6188.4 Manokwari -2100-2230-, *0725-1400* // 3986

7139.0 Ambon not hrd, maybe QRT

7211 Biak not hrd maybe QRT; but in April noted(*0800)-1200* on 7210.6; suspected on other fq before 0800; almost undiscernable arnd 0800 but seems to be IS then; cf 5451v

7269.9 Jakarta -1200-1605* pgma Nasional

9510.1 Ujung Pandang -1400-0900*, not at night; cf 3215; Kota per Ichikawa

9611.6 Jayapura *0500-1000-(1100*), pgma Regional for main use; 14/4 & 15/4 noted arnd -2030-2130-, but not 18/4

9680.0 Jakarta -1100-1605* Pgma Nasional

9748 Sorong, not hrd, off? Used for day xmsn about 2 years ago

11700.0 Jakarta QRT; cf 11815

11770.1 Jakarta *2158-0100*, *0458-0800*, day, *0958-1605*, maybe ex-11700 but power reduced. Now on 11865, and also *0958-1605* Programa Nasional
11815.0 Jakarta *2158-0100*, not used in used for day xmsn
Also about Indo stns around 5045, Feb IN p. 16 lines 8-11, the uID on 5045.6 appeared to be ghost or something else by my monitoring after that; sorry! (Hitoshi Miyashita, Higahsikurume City, Tokyo, Japan, 24/4) Many thanks for this report!
Monitoring since 13/4 shows RRI uses 11865 for Natl Pgm // 11770 (WBI 25/4)

IRAN VIRI reported 17/4 that Managing Dir of V&VIRI had just inaugurated 2nd phase of SW xmtr project at the Mission radio-xmtr centre in Kamalabad near Karaj (30 mi WNW Tehran). Ancd that project began last year and that installation & opn of xmtrs which'd been carried out by Iranians had not only been as good as a similar form project, but in certain tech respects superior. Even all difficulties left over from first phase, which'd been carried out by techs from form contractors, 'd been ironed out by centre's experts. Project included two 500 kW SW xmtrs. First phase included 4 ants, beaming 238 & 298° towards ME/NAf/Eu, rotatable aerial. Another 4 ants beaming 274° towards Af 'd been set up and commissioned. 630 kv substation installed and commissioned near xmtr centre, fed thru two separate high-tension lines from two power stns (WBI 25/4) VIRI First Pgm in Persian is continuous, but SW usage is: 0230-0530 15084 9022; 0730-1215 15260 15084; 1215-1315 15260; 1315-1615 apx 15260 15084; 1615 apx-1730 15084 9770 9022; 2030-2130 15084 9770 9022 (WBI 2/5) On Media Network 25/4 w/Victor Goonetilleke & Sarath Weerakoon, examples of Iranian & Iraqi jamming were played in comparison; Iranian jamming on Iraqi fqs MW & SW could be described as a warble; Iraqi jamming on Iranian fqs, e.g. 6020, is raspy and lower pitched, Philip-Glassy (gh) QARI

IRELAND R Dublin, 6910, is a pirate but I find US DXers treating it like an Irish commercial stn! I don't hear it lately but it still has 2 AM channels going strong in Dublin area. Legislation on commercial radio will go before Dail (Irish parliament) by June '85. Irish Radio & TV (RTE) bought a 100 kW SW xmtr back in the 1930s but it never went on the air; plan was for 3lmb bc to US. Emphasis here now is on community radio, satellite TV, so I don't expect R Dublin to get licence; certainly not for its SW fq. More professional WRNO-like "Radio Nova" in Dublin might have more luck--they want to be to Eu but only on AM; have no time for SW. Most people see SW as 'ham' territory! (Derek Lynch, Mullingar, Ireland, 15/4)

ISRAEL J85 active channels for IBA ES thru 15/9: 17815 17710 17685 17630 17555 15585 15485 15425 15100 13720 12080 12025 11700 11655 9815 9440 9009 7410 738. Hebr-ew HS relay: 17630 0715-10 & 11-13. 17555 EEU 0515-13. 15615 0515-1645. 15100 E Eu 10-1530. 13720 03-13 & 1730-2210. 11585 03-0715 & 1730-2210. 9920 03-0515 EEU & 1730-2210, 9390 03-0515 & 1645-2210. EG: 0400-0415 17685 17630 15425 15100 11700 9815 9440 9009. 1000-1030 17815 17685 17630 15585 15425 12080 11700 11655. 1700-1715 13720 11585 9920. 1900-1930 17815 17685 15425 12025 11700 11655 9440 9009. 2130-2200 17815 17685 15585 15425 12025 11700 11655 9440. 2300-2330 & 0000-0025 on 11655 9815 9440. 0100-0125 9815 9440 7410 (IBA/BEZEQ)

ITALY The new Adventist World Radio stn at Forlì, widely hrd in April; latest sked: 0330-0430 6215 weekends; 06-08 daily EG/GM 7125. 0830-0930 7200 various langs. 1530-17 6205 various langs. 1700-s/off on 9395 various langs. During May, stn may switch to 9815 for 06-08 svc. Similarly, the *1700 svc may move up to 11700. Currently uses single 6 kW SW xmtr (Philip Hodgson, England, May ADXN) 7125 loggings in Australia: ex-6145 EG religious 0630, ID & addr 0750, then GM relig pgm; BECWS QRM 7120 20/4 (Bob Padula) Hrd at 0745 w/gospel songs, seeming Yugo lang, to 0759 trumpet IS 3/4, but 8/4 GM hrd here so may be swapping pgms arnd? (Geoff Cosier) EG to Eu 0604, *0600-0700. OK sigs 13/4 but much ham QRM (Craig Seager, all ADXN) R Earth plans to start bc via R Milano 1/9 Suns at 0800 for 3 or 4 hours; or maybe earlier, like May (Jeff White, SCDX 7/5) Rather indefinite, to say the least (gh) RAI has been on 11800 at 01-0120 in EG since March; may be overlooked because of poor propagation. A better time to hear RAI in EG on 11800 is 1935-1955 to GB (Grant Lochmiller, IA, 5/5) RAI is very conservative in fq usage; some channels have remained unchanged since as far back as 1936, such as 11800! (Bob Padula, May ADXN) more, LMI /more, LMI

JAPAN Further changes in R Japan sked can be expected 11/6, since the first J85(1) sked is valid only thru 10/6; EG: Regional svcs: 0630-0700 Eu 15235, 0845-0945 ANZ 11875. 1215-1245 SEAs 11875. 1800-1830 SAs/Af 9645 11840. 2015-2045 ME 'NAf 7105 & 6080. 0015-0115 NAM 11710 0200-0300 N&C&SAM/Haw 21640 17825 15195. Genl Svc to Ams: 01-0130 & 03-0330 17755, 05-06 11950, 07-08, 09-0930, 11-1130, 13-14, 15-16, 17-1730 9505. 23-24 17755. Also try Gabon to ME/Eu 15-16 21550 (via Bob Bodell, OR) R Japan has reduced fq usage because of remodelling at Yamata xmtr stn. The current 8 100 kW xmtrs are to be upgraded to 300 kW by March 1988. (via SCDX 16/4 print) GS 2300 17755 never makes here very well, real disappointment; 1300 & 1500 missing even when Beijing & Koreans heating ceiling; 0700 is best, often excellent. Forget regional svc mostly; one day 11710 ENAm was actually fair! (David Newkirk, Seattle)

KENYA VOK, 4885 27/4 0255-0325 in EG: flute IS 0255-0300, EG light mx selections w/ long talk by M in EG in between; IDs as "This is the Genl Svc of the Voice of Kenya" (Artie Bigley, San Antonio TX) Austrian R's "SW Panorama" pgm 21/4 carried an interview w/VOK Dir of BCing who said a 250 kW SW xmtr was currently under construction. However, VOK unsure whether to use it for ES or for SW/MW/FM coverage gaps in Kenya itself. That'd be a major political decision for when the stn was ready which was expected to be June this year. VOK believed xmtr'd cover all of EAF, from Sudan in the north to CAF (WBI 25/4)

KIRIBATI IMI

KOREA SOUTH R Korea and EG sked 9/5 1400, rearranged by time: 0145 Am/Nam(sic) on 15575 11810. 0330 Eu/ME 15575 11820, Am/Nam 9570. 1100 GS 7275, ME/AF 15575. 1300 GS 6135 (no, very weak Chinese hrd; maybe 7295 12/57). 1400 Am/Nam 15575 9750, SEAS 9570. 1:00 Eu/ME 9870. 1600 GS 5975, ME/AF 11810. 1800 GS 5975, ME/AF 15575. 2200 Eu/ME 15575, ME/AF 7550 6480. "Each xmsn lasts one hour"--I think that's wacky concerning the GS and that thing on 6135 [half hour] (David Newkirk, Seattle WA) That 1500 strike me as a change, rest mostly the same as for months (gh)

KUWAIT R Kuwait DS Genl Pgm 0225-2215 in AR: *0225 on 9840 6055; 0400 on 21545 17850 9840 7100 6055. 0500 on 21545 17850 15495 9840 7100 6055. 0600 15495 9840 6055. and from 0615 on 11990. 0945 fq change to 15495 15110 11990 9840 9750=from 1000, 6055. 1015 on 15495 15110 11990 9840 9750 6055. 1300 on 15495 15345 15110 11990 9840 9750 6055. 1505 fq change to 15495 15345 11990 9840 6055. 1600 on 21545 15495 15345 =to 1700, 11990 9880 9840 6055. 1800 15495 11990 9880 9840 7120=from 1830, 6055. 2105 fq change 15495 11990 9880 9840 6055. 2200 on same. S/off 2215 except during Ramadan to 0015. 2nd pgm and Porn Lang Svcs: 02-05 Koran 15495 15345. 05-08 EG to Arabian Gulf/FE/SEAs 15345. 08-10 Persian 9750. 16-18 Urdu 21545=to 1745. 18-21 EG Arabian Gulf/Eu/Nam 11675. ES to Eu in AR: 0815-13 on 15345 (WBI 2/5)

LAOS IMI

World Almanac says Ramadan 1405 is apx 21/5 to 20/6/1985 (gh)

LEBANON R Free Lebanon, describing self as radio of the Leb Resistance, and 0453 18/4 it'd been off air four days due to tech diffs. Later apologised for any deterioration in reception; would keep working on 1476 kHz xmtr; V of Arab Lebanon: the evening of 16/4, Phalangist controlled V of Lebanon reported that fierce clashes were taking place between the Amal and the al-Murabitun and Palestinians in the area of the 'Abd al-Nasir mosque and al-Barbir areas of Beirut and that the bldg in which V of Arab Lebanon had been located had been hit. Morning report 17/4 said the Amal now controlled the VOAL bldg. Initially on 18/4, VOL quoted al-Murabitun sources that members of the Abu Rabi suicide group had blown up the al-Murabitun's central HQ to prevent Amal and PSP gunmen from entering the bldg, and'd also destroyed the al-Murabitun's radio xmtr (VOAL). Later, this report was denied by the al-Murabitun independent Nasirite Movement who said the Amal and the PSP were responsible for the blasts and had ransacked the HQ before setting it on fire. 19/4, R Free Leb reported that the Amal had transported eqp belonging to the al-Murabitun's VOAL radio to Bi'r al-'Abd. Note: VOAL not hrd on 6233 and 931 since 16/4 (WBI 25/4)

LESOTHO R Lesotho reported 29/4 that the Minister of Info & BCing had andcd new addns to R Lesotho nx pgms as from 1/5; "This Morning's Pgmme" nx at 0630-0730 daily had been extended to 0630-08. Also new EG mx at 2115; so 4 a day at 07, 13, 18, 2115; to upgrade svc provided by RL to nation (WBI 2/5) 4800 kHz

LIBERIA Tentative J85 sked for ELWA: On 3230 in Waf Langs: Sun 0610-0802, Sat 0630-0725, daily 1805-2222 except Tue-Fri -2202 [sic]. 4760 in EG 0555-0802 daily except: Fri 0555-0815, Sat 0555-0832, Sun 0655-0832; daily 1725-2230. On 9550 in FR & Waf langs daily 1210-1317. AR daily 2010-2117 on 11810. On 11830 Sat 0755-0847, Sun 0655-0902 in EG/Waf; Sun 1255-2122, weekdays 1555-2122, Sat 1658-2122 in EG/FR/Waf. 11940 AR 0625-0732 daily (W DeJong via Ron Hopkins, May DX Ontario) See BOTSWANA

LIBYA Have been hearing AR on 3200 for a few months; finally figured it out to be Libya; Comes on between 2200 and 2300, varying night to night, off at 0145 or later. 29/4 checked AR from Libya at 0130 on 7245 and found it //. The bc on 3200 is sometimes jammed with 'siren' type jammer similar to what I hear on that Sudanese stn on 15040 (Brent Lantry, Arnold ME) Since 1/5, Libyan radio using these SW channels for DS in AR to 1645 and for V of Greater Arab Homeland svc 1645-0330 apx: 17995/17895 11-0330, 15415 & 15235 11-1645. 11815 20-0330 [but I hear EG arnd 2130-23], 9890 & 7245 11-0330. 9600 04-1645, 3200 1645-0330. However, number and choice of channels in use and their duration are somewhat erratic (WBI 9/5) Per letter from Abdulla Elmegri, Dir of Jamahiriya, P O Box 17, Hamrun, Malta, stn now verifies reception reports at two given times: 2230-2400 on 11815, 18-19 on 15450. It is obvious that listeners are to listen to EG bcs from Libya in order to obtain a verification (Arthur T Cushen, MBE, NZ DX Times April)

LIECHTENSTEIN [Cf May LN] R Liechtenstein, 7205, was an April fool joke; but who was this "CBA" who "heard" it? C. Bellabarba. Hi!! (Play-DX 15/4)

MALAYSIA [Cf Apr LN] We carried a report that all SW opns from peninsular Malaysia are now from Kajang. Another listener said that the SW xmtr in Penang was still on the air. But the Penang stn is in fact off the air. Per phone conversation w/the stn in Penang, they still have SW xmtrs there but they are not in use. The only bcs from Penang are on MW. All SW bcs are from Kajang (Pius Heng, Malaysia, SCDX 9/4)

MALTA Per recent sked from R Mediterranean, bcs are intl & local nx, mx & cultural info 18-1857 in AR, 2130-2230 FR, 2230-2330 EG, all on 6110; comments and requests to P O Box 2, Valletta (Ron Hopkins, May DX Ontario)

MAURITIUS There are two services: Channel 1 in FR/EG/Indian langs at 01-13 on 684 and 9709 and 13-19 on 684 and 4856; ch 2 on 819 at 14-1730 in Indian & Chinese. An island-wide FM net is planned for next year, and high power MW; the plan for high-power SW has been scrapped (Richard Ginbey, RSA, RNMN 9/5)

MEXICO R Educaci6n, 6185, reactivated. hrd 28/4 2205-0210 fair w/mostly non-stop classical & EZL mx, few SP IDs; 0150 check, noted 1050 MW // [not 1060?]. Correct SW calls are XEPPM per T Inoue in Radio Nuevo Mundo, who also says this is new xmtr at 5 kW (Terry L Krueger, DX South Florida) Complete sked for R Mexico International's new Contacto DX pgm, per letter from stn, on first Wed of month at 15-1530 on 5985 11770, 21-2130 9705 15430 17765, 04-0430 on same. RMI invites all DX clubs to participate in this new pgm; addr is Apartado Postal 24-306, 06700 M6xico DF (IADX)

MONACO TWR Monte Carlo on new 6215 at *0345 GM, mx box IS, s/on w/ID, anthem 19/4 32222; covers Voice of Hope signal (Gary C Hickerson, Ft Smith AR) more, LMI more LMI

MOZAMBIQUE Maputo Natl Svc now varies 7236 to 7241 (Richard Ginbey, RSA, RNMN 9/5)

NAMIBIA Radio SWA / SWA Rundfunk, SW fqs are: AK/GM/EG 4965 day, 3295 night. Hero/Tswana/Damara>Nama 4935 day, 3270 night. Addr is SWABC, Technical SW Services, P O Box 321, Windhoek, South West Africa/Namibia [sic] (via Kraig W Krist, VA) 4935 is ex-7190, to 1600 (R Ginbey via Bernhard Gruendl, GFR, Play-DX 6/5) NEPAL LMI

NEW ZEALAND BCNZ ES RNZI, Wellington, pgmms consist mainly of relays from BCNZ DS stns in Wellington area. Nx on the air [sic-means hour] w/occl summaries on half-hour. Current affairs pgmme 'Checkpoint' follows the 0600 mx Mon-Fri. Nx in Maori, Samoan, Tokelaun, Tongan, Cook Island langs Mon-Fri 0700-0730; otherwise, EG (WBI 9/5) See May LN for sked more, LMI

NICARAGUA Voz de Nicaragua, SP talks and mx 1130-1145 late March on 5949 (Gordon M Darling, Papua New Guinea, ADXN May) Really? Thought 5949 gone for a long time +LMI

NIGERIA Educational svc, 4932 sent no-data "thank you for your reception report" letter in 473 days; v/s E O Emorua; Addr: FRCN Educ Svc, 35, Lebanon St, PMB 5698, Ibadan. Pgm sked for Sept 83 & Jan 84 terms, rxd Apr 85 (Richard A D'Angelo, Wyomissing PA) FRCN Jos, 5965, 14/4 2205-2305*, C&W mx pgm incl "Try to Remember", nx on hour and then off w/National Pledge and anthem; strongest on Sundays. FRCN Maiduguri, tent on 6140 11/4 2206-2300, Af flute & drum mx w/tribal vocals, M amnts in vern. until 2245, then Koran, more vern talk, sig blown away by RFI in SP on the hour, hrd irreg since, no ID possible. (Larry Wilkner, Lauderdale Lakes FL, DXSF)

Daily Times nxpaper reported 30/3 that the Ogun State Govt'd be establishing a new radio stn, Ogbе-2 or Gateway R. Major priority 'd be to educate & inform masses on govt pgms and activities as well as entertain w/mx variety. Reliable source at Governor's office in Abeokuta revealed that State Governor 'd directed relevant officers to commence work on proposed stn, confirming that former OGBC (Ogun BCing Corp) premises along Aiyetoro Road which'd been vacated previous week 'd be converted and used as location for proposed 2nd radio stn. It'd be recalled that OGBC changed its premises and location of xmsn last week.

10/4, 13/4, 15/4, 20/4, NAN & R Nigeria Lagos reported: Mily Governor of Borno State in Maiduguri had directed management of state-owned radio & TV org to prepare inventory of eqp inherited from former FRCN stn in state. Taking over stn on behalf of state govt, also instructed mgmt to resuscitate stn which'd been idle for previous 8 months, to prevent further damage to eqp. Some'd be overhanded to MassComm Dept of University of Maiduguri. Acting GM of state radio & TV corp said stn's two 50 kW xmtrs'd downbroken. Sokoto State Govt has taken over FRCN stn in Sokoto. Xmtrs & eqp/studio of former R Nigeria-Calabar stn overhanded to state-owned bcng corp. Resultantly, Cross River R'd now xmit on adtl fq 558. Gongola State govt has set up committee to study possibility of overtaking former FRCN stn Yola; depending on state's financial resources. Bendel Mily Governor has inspected facilities at former R Nigeria-Benin stn and directed that work resume immediately there. State

govt and takeover of stn 4/4; it'd be used by Bendel BCing Svc. Radio Benue has been asked to use its service to unite people of state. State governor made this plea in Makurdi during inaug of stn's new eqp which'd belonged to defunct FRCN stn in Makurdi. Xmtrs and other property of defunct FRCN stn in Akure were overhanded 19/4 to Ondo State govt. Acquisition of xmtrs, governor said, 'd enable state radio to reach not only all parts of state, but also other states. It'd also enable commercial sector of corp to incr revenues (WBI 25/4)

PAKISTAN R Pak WS to Eu/UK 1645-1900 on 11810 ex-11690, // 9465; EG to 1740 (No#1 Green, RCI SWID 4/5) R Pak noted in EG on new 11810 // 9465 in the clear, the weak 1700-1745* w/nx, comtry, lots of exotic mx (Grant Lochmiller, IA)

PAPUA NEW GUINEA In Oct 1984, one of three 10 kW xmtrs at Waigani--Port Moresby--was sabotaged by some NBC techs on strike. They were dismissed but P2K3, 3295 has been cff the air since then, altho still and. NBC hopes to acquire a 50 kW xmtr from Australia shortly, which'll be used for P2K4 4890. To be installed initially at Waigani and later moved to planned natl stn at Lee (Robert Jones, May ADXN)

PARAGUAY R Nacional, 19470, poor but clear 2120-2200+ when fundamental 9735 was inaudible (Richard Stoller, Middletown CT, 13/5) Nice to know this still makes it

PERÚ R Imagen, 5200.3, hrd for about a month before finally IDed 3/5, 0200-0402* Slick format, carted ads, for camlonetas and Banco Amazónico (130.1% interest...). G audio, seemed to mention 1160 AM fq; included really weird msgs to Guardia Civil posts informing them of murders etc in their areas! R Santa Cruz, 6654.8v, 5/5 0130-0210+ G sig but vry constricted mic audio, atención amnts and mx snatches. Not as strong as Satélite 6723 but better than 6560v--whatever that might be. R Visión 5452a, special late-night bc GMT 11/5 0508-0610+ w/live pgm from local club, w/band "Atlantis" which played steel-guitar Andean mx. Vry strong, but tinny & echoey audio especially voice. Sounds like the whole thing was mic'd w/one crystal microphone! Not hrd subsequent nights; could possibly have been STL usage after their real bc; in that case, I'd hate to hear what the MW product sounded like! (Richard Stoller, Middletown CT, 13/5, on an upward segment of his up-again, down-again SW cycle--sort of like the sunspot cycle, but rather less predictable) R San Miguel Arcángel, San Miguel, Cajamarca, 24/4 2345-0400 on 5720.4, vry strong; same stn as a sesquy-year ago on 5707. R Acunta, Chota, name changed to Frecuencia San Ignacio in San Ignacio. San Ignacio, Cajamarca, still on 5801.7, since 13/4 at 2330-0300 or 0400. R Grau on 4004.9. R Yungay on 3037.7 until 02 or 0300. R Mundo, Cuzco, 4/5 on new 5103.6, distorted, xmtr problem? Later back to 5120.4. R Nor Andina, Celendín, Cajamarca, 4459.8 since 5/5 at 0000-0400, ancg 75 metros (Juan Carlos Codina, Lima, 10/5, who planned finally to leave Perú via Paraguay or Switzerland in a day or 2) R Continente, San Martín, Perú, 8925v, 0305 24/4 w/calypso mx, M in SP, many IDs, 23232, hrd mostnights (Gary C Hickerson, Ft Smith AR)

PHILIPPINES FEBC plans to purchase, when funds are available, a 100 kW xmtr for installation at Iba, Zambales province on west coast of Luzon. This is the site of DWRP, 250 kW on 1458, which bc to China. Site also used by 100 kW SW xmtr moved from Bocaue, Bulacan 5 years ago, originally a 50 kW unit. During late Apr 85 this xmtr was off the air pending repairs. MBS plans to purchase two 100 kW xmtrs this year for Overseas Svc. Most likely to be installed at Malolos, Bulacan, original VOA site given to Phil govt in 1969, w/two 50 kW xmtrs and one 7.5 kW; DZRP 918 kHz still ops from here but half power. 50 kW DUR-2 on 9580 not noted for several months; low powered MBS outlets on 3286 6170 9615 are at Marulas, near Manila (Robert Jones, May ADXN) FEBC making many fq changes to try to find a clear channel. 0230-05 EG on 15315 ex-15445. Other new fqs in EG are 11840 13-14, 11850 14-16. New J85 sked shows EG: 23-24 15445, 00-05 11725, 05-10 11890, 13-14 11725, 14-16 9730, 23-10 21475; those are via Bocaue xmtrs (Robert Chester, RA JP DX Time 5/5) So 11840 & 11850 are out now? (gh) R Veritas Asia in EG at 1500 on 9660 ex-9675; 0200 still on 15195 (Pius Heng, Malaysia, et al, SCDX bc 14/5) more, IMI

POLAND Had a band opening with R Polonia when one night in March NAM svc on 7145 had SINPO 44344 at 0200-0330; since then inaudible due to poor prop tho 7145 is now clear of BBC which caused most of QRM before March. Past couple months, RP only other audible fq I could hear clearly was 9540 at 1730 to Eu. Now WYFR is on 9535 virtually wiping out any struggling nearby stn. I've listened to other EEu bcers the same way, i.e. disregarding their NAM svcs and looking for their beams to WEu, Af, SAm, or even SEAs. For instance, try for Bucharest at 1500 on 11940 or at 1930 on 9690; R Budapest at 1330 on 11910 or 2000 on 11910 & 9835 (Grant Lochmiller, IA)

PORTUGAL R Portugal and EG sked for J85: Mon-Fri only: 16-1630 ME 15190, 18-1830 Af 15250, 2030-21 Eu 7155 9605, 0030-01 ENAm 6095, 03-0330 WNAm 6095 (John A Taflian II)

PUERTO RICO IMI

RWANDA Incomtel, a German-based associate of the specialist UK broadcast engineering consultant firm, will install a 20 kW SW xmtr and an omni log periodic antenna at the existing relay stn in Kigali (International Broadcasting via H Sellers, DX Ontario, and via Bob Padula, ADXN) Why?

ROMANIA see POLAND

SAIPAN [Cf May LN]; that was tentative and this is presumably final, differing somewhat] KFBS J85: 9510 1230-13, 9520 13-16, 9525 16-18, 9600 12-16, 9620 14-16, 9685 09-12, 9745 16-20, 11735 21-23, 11745 09-11, 11835 21-23, 11855 16-17, 11860 11-14, 11935 17-1730, 15125 22-24 & 10-1230, 15415 00-01, 17840 01-03, 17875 00-03. Note: 9745 used for RS, PL, RM pgms; also PL & RM on 9685 09-11. Stn runs 3 xmters of 100 kW ea. None sked for J85 between 03 & 09. Only one listed 18-20; none 20-21 (Bob Padula, May ADXN) Wonder how effective Polish & Romanian will be from faraway (gh)

SENEGAL R Dakar hrd 14/4 0010-0053* on 6285 // 4892, F-G, mixing w/what? (L Villari, Italy, Play-DX)

SIERRA LEONE 5980 13/4 2344-2401* w/pop mx, req pgm, birthday wishes. Pgm apparently a weekly feature [Sat] as ancr invited listeners to tune in again next week. ID, s/off anmts. Said back at 6 am, their usual Sunday s/on; SIO 242 but destroyed by WYFR at 2358 (Richard A D'Angelo, Wyomissing PA)

SOUTH AFRICA R RSA J85 EG; + indicates 500 kW; others 250. 0200-0256 USA & Canada +9615 & 6010 305°, +5980 320. 0300-0426 E&C&SAF 9585 17°, 7270 & 4990 7°, +5980 20, 3230 5. 0630-0730 E/W/SAF/UK/Ireland on 17780 & 15220 340, +11900 350, 7270 7. 1100-1156 C/E/WAF/UK/Ireland/ME +21535 350, 17780 & 15220 7. 1300-1556 C/E/W/SAF/UK/Ireland/ME +21535 350, 15220 & 9585 7. 2100-2156 WAF/UK/Ireland +11900 350, +9585 & 7270 340° (via Jeff Elson) A few items from RRSA Monitoring Panel Newsletter 126; they now have 345 members in their target areas. Domestic services to expand: From 1/7, Springbok R'll only bc during the day; nights, 3 new regional svcs'll be introduced, R Jacaranda in Pretoria, R Orange in Bloemfontein, and R Algoa in Port Elizabeth. Next yr these three'll become fully autonomous regional radio svcs on FM. At beginning of April, R 5 commenced AM stereo from new 100 kW MW xmtr at Meyertown, same site as used for SW Means listeners some distance from Jo'burg'll be able to rx stereo xmsns w/necessary decoder. RSA recently expelled from UPU, so IRCs no longer available at POs [and not accepted by R RSA?]. R RSA SP svc recently rxd award for achievement in field of comms in LA, and rest of world; from daily newspaper Hoy in Sto Domingo, Dom Rep; has special column on SW (Grant Lochmiller, IA)

SPAIN SFR in EG to Nam 0000-0200 on 11880 9630; 05-06 on 9630 6125 (Norfolk, OKC)

SUDAN A routine check 22/4 for continued existence of V of the Free Sons of the Yemeni South on 11180 revealed at 1320 that channel being used by Sudanese radio in Omdurman for DS in AR; Remained till 2202* // 5038,8 & 1296. 11180 also obs in use for Sudanese radio from f/in 1525 23/4 (WBI 25/4) Still like this (WBI 2/5) See also CRANNY for VOFSYS and V of Sudanese Popular Revolution

SURINAM Routine check of R Surinam Intl svc on 17755 [via Brazil] shows 1730-1815 xmsn in DT now includes a nx review in EG 1810-1813 (WBI 2/5) That's M/W/F & confirmed Mon 13/5 (gh)

SWEDEN RSI initial J85 in EG: 0230 9695 11705 NAM 320° both H&Rby, 0330 11705 NAM 320 H. 1100 9630 Eu/Af 210 Karlsborg; 15115 ANZ 70 H. 1230 15190 EAs 55 H, 17840 SAs 100 K. 1400 15345 NAM 305 H, 21570 Af 180 K. 1600 15110 SAs 85 H. 1830 6065 Eu/Af 210 K, 15240 Af 165 H. 2100 11845 Af 180 H, 11955 ME 145 K° 2300 9695 NAM 290 H, 11705 NAM 290 H. Varberg 100 kW SSB HS in SD: 05-07 21550 80, 07-09 Sat/Sun 21550 110. 09-11 21555 110, 11-17 21555 170, 17-18 15435 250, 18-2030 15420 250. RSI in SD 2330-24 17840 0°, 02-0230 17840 0; EG 0230-03 17840 0 (RSI sked)

SWITZERLAND [Cf May LN] The EG bc from SRI at 1030 should have been 1000 (gh)

SYRIA R Damascus EG at 2005-2105 managed to copy on 12085 and hear anmt of 17825 // also confirmed; 1200 bc no longer hrd on 17840 nor previous 17510, 12085 (gh) 2005 bc ancd on 15435, but not hrd; instead 12085 and 17825; the 1200 bc ancd on 13700 (SCDX bc 14/5) Tried that several times, but no trace; maybe too low or elsewhere(g)

TAINAN WOPC via WYFR noted on 9680 //5985 at 0200 EG; sometimes 5985 // 6065 which is ancd; also on at 0200 on 11740 but not // , 4/5 and 5/5 (Grant Lochmiller, IA) +IMI

TANZANIA R Tanzania, 9684 9/5 0405-0430* ES in EG, back here after one month on 9749. Checked 9749 during this time period and found it carrying Natl Svc. Listeners interested in hearing EG from RT should try both from 0330 to 0430 as the ES in EG keeps moving back and forth between these two fqs (Artie Bigley, San Antonio TX)

THAILAND R Thailand DS 2230-1600 on 7115 6070; 2230-07 & 10-16 on 4830. All in Thai incl natl nx hookup 0000-0030, 0530-0600, 1200-1230, 1300-1330 (WBI 2/5) more, LMI

TUNISIA Last Minute Information, last p

TURKEY Since intro of summer time in Turkey 20/4, all VOT ES pgms in TK & other langs are hrd one hour earlier (WBI 25/4) VOT ancd EG sked 23/4: 2000-2050 Eu 7215; 22-2250 9755 WEu, 7205 ME, 9560 NAM, 9730 SEAs; 03-0350 9560 9730 (gh) Only ancd change in VOT's sked I can detect is at 2200 when 7215 replaces 9560 to ME. 9560 mrxes with RBI now at 0300 (Grant Lochmiller, IA, 5/5) 9900 is not a new fq for Ankara in EG at 2200; it is a mixing product generated at xmtr site between 9560 and 9730, 27/4 (Bob Padula, Vic, ADXN) more, LMI

UNITED ARAB EMIRATES Presumably J85 sked for Abu Dhabi: 10-12 17820, 12-14 11715 11915 15230, 14-16 11815 15115 15330, 16-18 11915, 18-20 9630 9655, 20-22 5960 6155 6185 7235 (BRT Radio World 25/4 via Joe Hanlon, PA) V of UAE, Abu Dhabi, testing to Eu 28/4 on 9595 at 16-21, reports to Box 63 (WBI 2/5) Same stn hrd between 19/3 & 25/3 on 7225 at 0202 AR, ME mx, 0229 ID as in WRTH; usually obliterated by hams (Bruce MacGibbon, OR, SPEEDXGRAM)

UKOGBANI BBCWS on 6045 is not a Rampisham test but regular svc to WEu 09-1330, and on 6015 at 1330-1615. Other test fqs are 6095 7150 7325 9915 21620 21695 25750 and hrd on 5990 (Noel Green, UKOGBANI, RCI SWLD 4/5) Contrary to sked in May and even June London Calling, Sackville relays have made seasonal adjustment to higher fqs: 1100-1330 on 9510 ex-5965; 1600-1709 (Sat/Sun 1500-1745) on 11775 ex-9515, 15260 (gh)

URUGUAY The well-known journalist and director of CX30, La Radio, in Montevideo, José Germán Araujo, who went on a hunger strike when the dictatorship closed his stn, has been elected senator on 25/11, representing the Frente Amplio (aided by the Communist Party?) (César F Higa, Rosario, Argentina, Feb LA DX) The afternoon of 20/4, both Oriental and Monte Carlo pgms could be hrd on 11735 at the same time (Emilio Pedro Povrzenic, Argentina, RN Radio-Enlace 27/4) Oh, good, that will solve the problem of figuring out which is on the fq! (gh)

USA WMLK, Bethel PA, testing 7/5 1810-1900 on 15109.8, long talk by Elder Jacob Meyer w/ID "This is WMLK, authorized by the Federal Communications Commission to adjust our equipment with continuous voice modulation." Xmsn seemed plagued w/tech problems and sig was drifting in fq. Also 8/5 on 15110 1800-1920* Open carrier at 1800-1905, EG talk to 1920* G audio this time; ancd sked as 17-19 on 15110, 04-06 on 15150; was about 10 dB weaker than WINB[also on 19m, or 16m?] And 9/5 1700-1810* ancd sked to ME; no sign of them 10/5; may take them several more months to start regular sked due to tech problems (Artie Bigley, San Antonio TX) Also hrd here just before s/off 9/5, missing 11/5 too, but back 12/5, and better 13/5 from *1730 mixing test amnts w/bible passages, seems live; gives target zones as 27, 28 and 30, Eu & ME--27 & 28 are W&CEu, but 30 is CAs, arnd Caspian & Azov Seas; perhaps he meant ITU zone 39 which is the Arabian peninsula & vicinity (gh) Oh, the Sun 12/5 bc ended at 1825*--sked quite irregular w/in the two hours specified (gh) Finally hrd WMLK 14/5 1825-1850 on about 15111, test, many amnts of addr, sked, etc. Don't recall hearing any mx; vy weak and shaky (William O Dickerman, Williamsport PA)

Another leap second is due at 2359:60 UTC June 30, per amnts on WWV at 4 minutes past every hour; perhaps this should have been headed UNIVERSE instead of USA...(gh)

WYFR adjusted one of their tent J fqs at 0600 from 7410 to 7400 which'll conflict w/LV del CID if they use 7400 w/6304 at this late hour; VOFC relays: TAIWAN (Lochmiller, IA)

AFRTS [Cf May LN] I made a typo on the SSB logging, 4402.2 LSB; correct fq was 4042.2, but haven't been hearing it lately (David R Alpert, New York NY) AFRTS on 5230.3 5/4 0215, LSB feeder w/hockey // 6030, odd fq and not noted since (Steve Reinstejn, DKSF) Hrd 28/4 on 5230.6 LSB (Juan Carlos Codina, Lima, Perú)

U S S R Since 1/4, R Moscow use of 22mb consolidated; 13605 believed at Khabarovsk w/240 kW, used for various bcs 2000-0700, [usually only clear fq for Vilnius 2200, Kiev 2330 & maybe 0200 -gh]. This site and following per our DXing colleagues at the Nagoya DXers Circle and the USSR DXers Circle in Japan. 13625 Krasnodar 120 kW 15-2030 Waf, 13635 Komsomolsk 200 kW 2130-0300 NAM [seems dropped from 5/5 -gh], and 13635 Ulyanovsk 240 kW 03-06 & 1530-2130 EAF. 13645 Ulyanovsk 240 kW 11-18 SAs/Afgh. 13650 Leningrad 120 kW 07-14 WS. 13660 Nikolayev 500 kW 1430-2130 Af. 13665 Krasnodar 240 kW 0830 14 WS. 13680 Kalinin 250 kW 14-23 WAF; 13740 Tula 100 kW 1630-19 ME. 13780 Ulyanovsk 250 kW 15-20 ME. Also the M85 and possibly J85 OOB outlets just beneath 16mb are: 17655 Krasnodar 120 kW, 17665 Simferopol' 500 kW, 17675 Moscow 240 kW, 17680 Ulyanovsk 100 kW. And just below 25mb: 11630 Moscow 50 kW, 11650 Yerevan 120 kW, 11655 Alma Ata 50 kW, 11660 Taldom 500 kW, 11670 Alma Ata 120 kW, 11675 Vladivostok 500 kW, 11680 Ulyanovsk 100 kW, 11690 Novosibirsk 100 kW (May ADXN) Unfortunately this may be fairly outdated for J85; e.g. I'm hearing RMWS on 13705 (gh) R Vilnius 2200-2230 EG ancs 15180 13605 11960 11790 11720, two of which are co-channel Canada; same for Kiev 2330 (gh) A R Moscow printed sked shows 19-20 EG to GB &

Ireland 'd be bc from 5/5 on 15.10, 13.70, 11.82, 9.76, 9.60, 9.55, 7.32 MHz (WBI 2/5) R Moscow's continuing policy of announcing & publishing freqs without the last digit being specified as -0 or -5 is one of the most bizarre aspects of Communism. As far as I know, they never take advantage of the ambiguity to switch freqs to avoid--or cause--interference, so why bother to be so imprecise? (gh)

On 1/5, All-Union Radio DS carried spl reportage on May Day parade in Red Square. At 0515, all Orbita versions of First Pgm linked up w/Eu USSR's First Pgm. They were joined by Mayak svc at 0550 when live reportage in Russian from Red Square began. It was obs til 0730 on some 64 SW channels between 5.9 and 21.66 MHz, including those beamed to Sov seamen and compatriots abroad. RMWS carried an EG report on some 39 SW channels from 0545 to 0641. FR-lang R Moscow International svc stayed on the air after its sked s/off at 0600 and bc its own contry from Red Square at 0545-0625. It was hrd on some 22 SW channels, til finally closing down 0700 (WBI 2/5) On the occasion of Radio Day in the USSR 7/5, AUR carried a brief talk by the Deputy Chief of the Space and Radio Comms Adm of the USSR MinCom, who said radio was now available to the whole Soviet population. The 5-zone bcng system allowed the population to receive radio everywhere at convenient local times. Over 3/4 of the population could receive the Mayak mx and mx pgm. Local bcng was now carried out in 69 natl langs. Union republics had two or three pgms of their own. BCs from USSR could be picked up on all continents. Sov TV net was largest and most extensive in the world: whereas until 1967 only earth-based relays had been used, now a number of satellite bcng systems were used. About 92% of pop could now receive one TV pgm and over 76% could receive two. Almost every Soviet family living in an area served by TV now had a TV set. An earlier Radio Day report added [actually, it was the later Radio Day report which did the adding... gh] that Sov radio bcs in 75 langs were now rxd on all continents. Another report stated that Sov radio bcs were made in 137 langs (Ed note: possibly combined total from domestic & external). There were 90 Orbita satl-rxing and radio/TV relay sites in the USSR, over 2000 of the Ekran type and about 100 Moskva units (WBI 9/5) Oops, they forgot to mention their jamming network, also the greatest in the whole world (gh) more, LMI

VENEZUELA On 13/5 it was agreed for Radio Earth to go on Ecos del Torbes, 4980, as of 1/7 daily at 0300-0400 (SCDX 14/5) Normally duplicates 780 MW, but I understand will break away for this (gh) Ecos del Torbes spur on 5760 4/5 0930, weak enough to be taken for rare DX! (Richard Stoller, Middletown CT) It is: mixing product 4980 + 780 (gh) R Nacional reactivated 5020, hrd 28/4 0510 w/US & Lam generic pop mx (the DXer's curse), frequent IDs but no clue as to country until 0550 when ID gave four regional MW freqs tho no mention of SW. Very loud but yukky audio. Can't see any reason to reinstate this, from a Venezuelan point of view, but their squandering of electricity is our gain, I guess (Richard Stoller, CT) And Albania's loss (gh) R Nacional de Venezuela 28/4 hrd w/S7 sig, best on 60m at the time, on 5020 at 0330-0400+. US EG soul/rock disco mx w/M SP ancr made up pgming; ID 0348 as "R Nacional de Venezuela programa de disco". Must be end of disco show as then returned to typical Venez pop mx w/M singers. WRTHV listed on 5020 but ordinarily do not hear it, let alone w/strong sig. 29/4 showed it absent; unsure if test, reactivation or just unusual reception due to solar flare, geomag storms, per WWV "proton event" of last few days (George C Zeller, Ashland OH) R Nac on 5020 w/blend of fast paced vocals and softer Latin vocals from 2340 to 0016; numerous ments of Venez, 0010 ID, SIO 3+53+, surely must be more than 1 kW listed in WRTH 85 (Richard A D'Angelo, PA) Hrrumph, sounds like just another commercial stn; Radios Nacionales should maintain a high cultural standard, like Colombia's (gh) But then the audio distortion would ruin classical music even more (gh) HS relay ancing only 630 kHz, G sig but speech not comprehensible, 2335-0045, 21/4, 22/4, 23/4, 28/4, P-B sig (Giuseppe Zelli, Darío Monferini, Andrea Lawendel, Italy, Play-DX) R Nacional has regular bcs on 9540 w/ 50 kW; 10 kW tests on 11695, 1 kW test on 15060. Stns unhrd on 60m from Carora: 4760 Frontera, 4860 Maracaibo, 4900 Juventud, 5050 Mundial Caracas--these are inactive, at least at 2100 (Alfredo Herrera, Carora, Play-DX 6/5) LV de Venezuela installations on Paraguaná peninsula are deteriorating due to the high level of salinity in the area, which has led to corrosion of many structures, among them the towers and antennas. Work underway at the relay stn has been paralyzed, and the Venez govt will have to appropriate large amounts of money to revive the LVW installations which are to bc internationally in the future (Iván Olíver V, Mérida, Venezuela, in SW Radio, Perú, via Latinoamérica DX, Feb) Believe this refers to the 1000 kW MW outlet? (gh) That's how they say "believe" in what was once British Honduras (gh)

VIETNAM UNID hrd daily on 4678, (??) 1030-11 Viet local pgms, 1100-1130 Hanoi Relay, 1130-1230 VT local pgms; vry poor audio; ID at 1130 or 12 but not understood; from fq is probably Binh Tri Thien? Nghia Binh on 5121 extended sked 24/3, nominal 1230*

xmsn hrd until 1416* w/many songs in VI. 24/3 happens to be 10th anniv of liberation of Nghia Binh province; back to normal sked next day. Lam Dong continues on 4805; expecting something spl 1/4, 10th anniv of that area's libn, tuned in from *1128 but closed down as usual 1217* Sun. Lai Chau on 6526 since early Apr ex-6588, *1145-1230 VT local pgms, 1230-1300 Thai, 1300-1330* Hmong; still there as of late Apr, but take care not to mstake w/Cao Bang on 6532. Cao Bang, hrd on 6518 from mid-Mar to early Apr, then moved up to 6526; Lai Chau on 6527 6/4 & 7/4 while Cao Bang 6526-7 on 7-10/4, 7/4, Lai Chau hrd til arnd 1215, when pgm was completely replaced by Cao Bang's Lai Chau back again later on 6526; on the other hand Cao Bang moved up further 'o 6531 since arnd 15/4 and still as of late Apr. Sked: *1200-1215 Hmong, 1215-1230 Viet, 1230-1300 Tay or Nung, 1300-1400* VT, Bac Thai on 6610-6618 late Mar-early Apr; as usual opening arnd 1123 and closing at 1330, reliable signal strength. Hoang Lien Son now on 5600 & 6713. Son La on 4700 & 6332 at *12-14*, Gia Lai-Kon Tum currently not hrd arnd 4700. VOV DS hrd on 6446 ex-6454, //5920 7419 & 10059 (Isao Ugusa, Kobe, Japan, DX Front Line 28/4)

YUGOSLAVIA On 9620, 20/4 1915 1929* W presenting current events, then string mx, 1924 recap of nx by M, 1926 ID by W as R Yugoslavia; gave bc time as 19-1930 GMT--summer switch. SIO 232. I believe this is only "intl beer" to give fq in meters only (Richard A D'Angelo, Wyomissing PA) Maybe so, but incredibly, printed VOA Caribbean svc sked does too--it's about time Sony, Panasonic, etc., came out w/meters-only portables! (gh) Direct wavelength readout being non-linear should present a considerable design challenge (gh)

CLANDESTINE CRANNY Vietnamese Freedom Front, per sources in Paris office, of which president is Ha Thuc Ky, a cland 'll start bcng to all SEAs between 30/4 and 2/5. VFF consists of former Dai Viet nationalists, once hostile to Ngo Binh Diem, to communists and to French in the 50s. They had close contact w/United Front of Patriotic Forces for Liberation of Vietnam (via Bernard Chenal, France, DXFL 28/4) To be named V of Free Vietnam? or Radio Free Asia? Previously reported a proposal for the latter, 250 kW on SW. If it is realized, no one will miss it; keep watching! (Isao Ugusa, DXFL ex.)

Vietnamese Resistance Radio, per journal of the Natl United Front for Libn of Viet, "L'Espérance" published in Paris, their stn VRR bcs 8 times a day. In an article. Pres of Front Hoang Co Minh said stn began xmsn 27/12/83 and is rxd by the ranks & organs of communist regime (via Bernard Chenal, DXFL)

V of National Army of Democratic Kampuchea Viet xmsn at 0430 was added in Feb, but no change in Kampuchean xmsns; hrd nightly on 5200 but QRMed by 2nd harmonic of Fujien, China, 2600 (Isao Ugusa, DXFL 28/4)

V of Democratic Kampuchea is hrd on 8260 = 4130 x 2, at 1300 (Isao Ugusa, DXFL """)

V of the People of Malaysia (Malay; Suara Rakyat Malaysia), pro-Peking, hostile to govt of Malaysia, on 7075v: 1130-12 Cantonese, 12-1230 Std CH, 1230-13 Malay, 13-1330 Tamil; 1430-15 CN, 15-1530 SC; 2130-22 CN, 22-2230 ML, 2230-23 SC, 23-2330 TM. First hrd 4/5/76 as V of the People of Malaya; changed to present name 11/12/83 as result of merger of Marxist-Leninist Communist Party of Malaya with the Revolutionary Wing of the CPM, into the Malaysian Communist Party (WBI 25/4)

V of Burmese People, 7572v, 0030-0230 & 1130-1330 in BM and regional dialects, continues jammed by burmese authorities using interrupted CW tone (Supratik Sanatani, Indian DX Club International Asian DX Review, March)

Ba-Yi hrd 18/5 on 12120 1427-1432* and again arnd 1500 (David Newkirk, Seattle WA)

Phony CPBS hrd for first time here 18/5 1408-1419, jammed on 7525; first noticed jamming bleeding over onto real CPBS on 7516; 7525 not //first or 2nd pgm (Newkirk)

V of Tamil Eelam Sat & Sun 3/3 & 4/3 hrd, on 41 and 49mb; besides mx and nx, details of arms deals w/forn nations, attack by Sri Lankan navy on a cuddaloo (Tamilnadu) to Tuticorin (Tamilnadu) Cargo Vessel and cash robbed from crew and sailors, Near Palk straits giant and youngones [sic] sharks left in sea to harm the fleeing Tamil refugees (IDXCI March, member #10 [aren't you glad NASWA doesn't credit by numbers or initials?]) Tamil Eelam on 6900 & 7020 arnd 1030 distorted but strong; 2 xmtrs are not // . Seems pro equipment now, formerly hom ew. Also, a new clandestine, nameless, hrd on 6985 Sat 13/4 condemning terrorists, pro-Sri Lankan unity; loud (Sarath Weerakoon & G Victor A Goonetilleke, Sri Lanka, RNMN 25/4)

Khalsa Voice International 24/4, Calcutta nxpaper The Statesman quoted Press Trust of India that Separatist Sikhs had once again organised bcs from Eu starting 24/4, following cancellation of pgms of so-called Khalsa Voice by R Luxembourg last month. A 30-min pgm of cutlural, religious and historical items 'd be bc from UNID stn by

Dr Jagjit Singh Chauhan, separatist Sikh leader who said he had been interviewed for the pgm. Dr Chauhan claimed stn was in Eu and land-based, but speculation that might be from ship in Intl waters off S coast of Britain; a commercial set-up, reportedly run by Am company. Pgms, per him, organised by KVI, a company registered in NY, different from KV, which'd produced bcs from R Lux. 2nd bc of pgm from that stn 5/3 'd been called off, per Statesman. A svc in EG & Punjabi calling itself "KVI" obs in progress 1909 1/5 on 963 kHz, ending at 1930. 963 then carried continuous mx w/out anmts til 2000 when joined R Caroline's EG svc on 576; R Caroline operates from ship off coast of England. Khalsa Voice Intl gave addr as: Box 239, New Hyde Park NY 11040 (WBI 9/5)

V of Afghanistan, hostile to govt of Afgh, and Sov involvement, hrd 21/4 1125-1140 on 5863 (WBI 25/4) more, 3 pages on

R Nejat-e Iran on 15555 10/4 1720, mily mx, // 9027, VG sig. quality like Israel's 15585 at 1100; don't believe this is in Israel, though (Derek Lynch, Ireland)

V of the Crusader, thought to have been called the Voice of the Mojahedin-e Khalq, is currently hrd IDing as above, in Persian, Inja Radio Seda-ye Mojahed ast. On behalf of Mojahedin-e Khalq (Crusaders of the Masses) organisation. Currently hrd arnd 5955 and 5960, a change from 6655; also hrd in past on 4198 and 3498; announces bcs at 0230, 1100, 1700 on 5.9, 4.2 and 3.5 MHz. Monitoring combined w/anmts indicate each xmsn lasts apx 3 hours (WBI 25/4) Tho not obs til Nov 81, existence of this was first mentd July 81 by V of Iranian Kurdistan w/whom it may connect (WBI) Obs 23/4 1700-2005 on 5958 4250 3511 (WBI 2/5)

R SPLA 17/4, this stn quoted sources in the SPLA-SPLM's Dept of Info that R SPLA'd soon begin being in certain other major Sudanese langs: initially in Nuer, Bari, Nuba, Dinka. Planned more in long term. Date to start these unfixed, but intro wouldn't affect one-hr bc in AR & EG. R SPLA anmt 22/9 said forthcoming svcs in above verns'd last one hour a day. Ed. note: Currently via Ethiopia 9610 13-14 in AR & EG, no longer via VOSPR since Sudan coup (WBI 25/4)

V of Sudanese Popular Revolution, from 7/4 anti-Sudanese stn on 17940 was on air longer than usual, from 1030 w/Ethiopian-type mx, funny dialect of AR. New hours linked to riots/coup? 10/4 1730 crowds following leader in ranting anti-US and anti-Nimeiry solgans. Proof that Khadaffy and followers are loopy here! It was too terrifying to be funny (Derek Lynch, Ireland) VOSPR, Arabic: Sawt ath-Thawrah ash-Sha'biyah as-Sudaniyah. hostile to Sud govt, 24h on 17940 w/nx irreg every 2 hrs. First obs 17/8/82. Is from Libyan xmtr. Off air in Jan/Feb/part of Mar 84, re-appearing 28/3/84 after several days of intermittent xmtr tests which included a relay of Libyan DS. 5/2/85, gave up one hour of time 16-17 to R SPLA, but that was withdrawn when Pres Numayri deposed Apr & VOSPR stepped up bc from 2h a day to 24 (WBI 25/4) Now it's cut back bcs: 24/4, 25/4, 26/4, 27/4, to 1000* and *1430; details of any gaps at night not available since 17940 f/out arnd 2000 and f/in arnd 0400; further cutback 28/4+, nothing hrd before 1200 (WBI 2/5) Not traced since 30/4, believed discontinued (WBI 9/5) Mission accomplished, I guess (gh)

V of the Libyan People remains unhrd and believed discontinued; had been in AR hostile to Qadhafi of Libya from xmtrs believed in Sudan (WBI 25/4) 23/4, French nx agcy AFP quoted Libyan exile sources in Cairo that Sud authorities'd suspended Libyan opposition bcs from Khartoum on the offl radio 12 days previously. S'aid they'd been refused permission to continue being to Libya on Sudan's offl R Omdurman, but'd been granted right to bc from Egypt for one hour a day. EG's'd been mainly produced by Natl Libyan Salvation Front, a group set up in Khartoum Oct 1981 (WBI 2/5)

V of the Free Sons of the Yemeni South, which'd bc AR material hostile to govt of P DR Yemen, 13-17 on 11180, from xmtr believed in Sudan, not hrd since Numayri deposition; believed discontinued; see also SUDAN (WBI 25/4)

R Bardai still on 6009, 14/4 2015 Chadian mx; hrd ID here in Dec; het w/USSR in FR on 6010 (Derek Lynch, Ireland)

V of Vengeance S/on anmt 17/4 showed stn addressed self to "Arab brothers on the road of vengeance against the Jewish invaders", S'aid working for "liquidation of Jewish presence from every inch of the Arab Maghreb - from Ben Gardan in the east to Tangier in the west - regardless of cost & sacrifices". Ben Gardan is a small town in Tunisia near the border w/Libya (WBI 25/4) This anti-Semitic stn on 711 kHz not hrd since 19/4 (WBI 2/5) 2/5, Egyptian nx agcy MENA quoted Tunisian nxpaper 'al-Sabah' that The Voice of Vengeance, the V of Holy Hatred 'd stopped xmting w/in previous few days. Described this cessation as cause for satisfaction by all who repudiated racism and extremism and those who rejected spread of confusion. This claud, which beamed to Arab Maghreb, began operating in March; purpose to incite murder of

Arab Jews [sic] in the region. Also criticised rulers in area for accomodating these Jewish citizens in their countries. Per press reports in Tunis at the time, stn was based in Libya. Libya strongly denied any assn w/it. MENA concluded by noting that Tun/Lib rels underwent marked improvement recently. 4/5, Kuwaiti nx agcy KUNA quoted Moroccan opposition weekly mag 'al-Mawqif' tht King Hassan II of Morocco'd personally interceded 'to repair the rift between Tunisia and Libya'. He was the instrument leading to closedown of "Black Vengeance" radio which'd bc from Libya and'd urged Tunisians to massacre Jews living there and seize their property (WBI

National R of the Saharan Arab Democratic Republic Routine check of svcs on 9/5) behalf of Polisario Front shows this continues hrd on 1355 in AR & SP, w/Nx in SP 2130-21+5. V of the Free Sahara svc, via Algerian xmtrs, continues at 2200 on 576; continued use of 927 not confirmed (WBI 2/5) 1355 put a good signal into Lisbon(gh)

R Marquetalia I still haven't hrd this 'clandestine' on 10543, but I can tell you a lot about it anyway. This is obviously the name rather than Maquisaria; Marquetalia was the name of the so-called 'independent republic' run by communist guerrillas in northern Tolima, around Fresno, now a very sleepy place, in the early 1960s, the closing years of the violencia era. The successful army sweep of the region in 1964 sent the guerrillas packing to the jungles where they became FARC. Marquetalia was their Valley Forge; they 'won' in that they got away. See the book by Jacobo Arenas, the FARC ideologist, Diario de la Resistencia en Marquetalia. What intrigues me about this new stn is the timing--FARC is the only group whose truce w/the govt is going smoothly, and just 2 weeks ago it launched a legal political party, the Unión Patriótica, to contest the 1986 elections. Why it would put a cland on the air now, when it has decent media coverage--and when most Colombians can't tune 10543 or anywhere near it--is unclear. There are dissident elements in FARC which reject the truce (esp the so-called FARC-EP, for Ejército del Pueblo); maybe they are behind it. I'd appreciate a tape from someone since I haven't hrd it. PS: there's a lot of Cuban stuff around 10500--utes, crossmod w/RHC pgms. Could there be a Cuban hand in this? Cuba favors the anti-truce ELN over FARC (Richard Stoller, Middletown CT, former resident of Colombia, 3/5) 10542.8, R Maquisaria 14/4 2138, G w/M talking abt Colombia, into ballad, 2139 ID as "R --, LV de la Libertad", sig weakened until suddenly off at 2149; also 12/4 to 2151* w/NA (Larry & Robert Wilkner, Lauderdale Lakes DXSF) 10543, 11/4 1207, folk mx, chanted slogans, talk or msgs by M, ID at 1215 as "Esta es R Maquisaria, la voz de la libertad". Sked irr. as absent several morns; weak het QSB, P-F (W J Parks, DXSF) 10543.9, LV de las Fuerzas Armadas Revolucionarias de Colombia/R Maquisaria, 1203-1300 8/4, M saying "Buenos días" to listeners maybe having just s/on, into Peruvian-type huayno, then cumbias; SP M w/attack on Reagan and US invasion of 'Granada', ments of LV FARC; clear but fairly weak sig and low mod. This was long-overdue (Terry L Krueger, DXSF) Never hrd here despite frequent checks; Wilkner says it has been heard since above reports, active mostly on weekends, but not published any more as old-hat(gh)

La Voz de Sandino, 17/4 0400 on new 5775, SP IDs, usual political talks, 333 (Gary C Hickerson, Ft Smith AR)

R Venceremos 23/3 0015 on 6556 commemorating death of archbishop, ID; at 0030 on 6552; 13/4 0023 on 6556 mentd "revolucionarios," "Salvador"; 0215 on 6548 mentd Duarte and "R Venceremos informa..." G sig esp at 0215 but poor sound quality; sounds like SSB but is DSB. Surprised to hear this in Ireland (Derek Lynch)

R Farabundo Martí hrd 18/4 on 6739.6 (Juan Carlos Codina, Lima, Perú)

La Voz del CID At a dinner I happened to meet an American engineer who had been to a CID xmtr site, which he said was in El Salvador near a border. Xmtrs are Costa-Rican made, a 50 kW unit homemade running 35 on 11680 w/a rhombic; 9940 and 6305 he said are 1 kW Yaesu ham rigs, but 9940 sounds too strong for that; these are R. Camilo Cienfuegos; he said the 7400 outlet is not there but in the Caribbean (Jeff White, Evanston IL)

Radio Martí On 11/5, Michael Putney of WTVJ, ch 4, Miami, reported that this was due to start, finally, on Mon 20/5. During the following week I called R Martí twice, but the public affairs officer refused to confirm or deny the report, or even to say whether any advance notice would be given. In the Miami Herald, 19/5, a front page story by R A Zaldivar in Washington said both Florida senators Hawkins & Chiles reported they had word from the White House that it would begin 20/5 at 5:30 am (0930 UTC), operating 7 days a week, 14h a day. Neither White House nor R Martí would confirm or deny this. 20/5's significance is the 83rd anniversary of Cuban independence from Am military rule following the Sp/Am war. The previous week, Hawkins, Chiles, and Reps. Pepper and Fancell recorded msgs of greeting for the inaugural bc. (gh) It's quite unclear why such an attempted element of surprise was neces-

sary. A Cuban exile leader complained that "the politicians couldn't keep their mouths shut," but went on to forgive them since they had made Radio Marti possible. It was not until the night before that USIA public affairs officer Rogene Waite was allowed to call me confirming the startup for the following morning. The Miami Herald reported, however, that even the station staff was not officially told it would be going live until early Monday. I, of course, was tuned to the VOA-Marathon transmitter on 1180 20/5 from 0915--still in darkness, R Mil, Dominican Republic and several other stations, notably the usual Cuban Radio Reloj outlet could be heard mixing on the fq; VOA's open carrier produced an annoying sub-audible heterodyne; it must be a few Hz off frequency. There was none of the usual "Yankee Doodle" VOA IS s/on routine, simply Radio Marti starting sharp at 0930, at first down in the mud of QRM but soon gaining. Cuba normally runs a small jammer a couple of kHz above 1180 against VOA, which is more of an annoyance than a blockage, 'cohetes de Fidel,' as Ron Schatz likes to call it, after the VOA s/on at 1130, but it took only six minutes for this to come on after Radio Marti's debut. The FCC monitoring station in Fort Lauderdale was quoted as reporting that jamming was on the increase; however, I don't believe there was anything out of the ordinary during the first two days, although one would expect an eventual increase. ABC-TV Nightline played a brief tape of nothing but noise, implying that was what R Marti sounded like in Cuba; I don't believe that, either. Highly irresponsible journalism. Nor am I inclined to take at face value the news item R Marti itself ran almost every half hour that morning, quoting AFP and EFE (French and Spanish news agencies, supposedly disinterested parties) in Havana that R Marti was being heard there loud and clear without interference. Compounding the erroneous information flying around about this was an item on Nightline saying the transmissions from Marathon on MW and Greenville on SW were so directional that they couldn't be heard in most of the US; and Sweden Calling DXers 21/5 claimed it was a 500 kW transmitter in the Florida Keys. It is, and always has been, 50 kW.

Did I say shortwave? R Marti was supposedly authorized to broadcast only on MW 1180, unless 'jamming' increased 25%, tho I doubt the FCC or the State Department is capable of making such a precise measurement; but R Marti 1180 was heard giving a shortwave schedule infrequently, usually just claiming to be on 1180 (or "11.80"). It turns out that there's a single SW frequency // MW throughout the broadcast, but not a single transmitter, as open carriers are heard on frequencies about to open before the previous one has gone off. At least two of the channels chosen are remarkable for their ignorance of existing stations. The initial SW schedule was: 0930-12 on 6075, 12-14 on 9580 (R. Australia!--but now, it really doesn't matter, does it, since RA doesn't broadcast to North America?!), 14-1730 on 11815 (very good here), siesta break at 1730-2030; 2030-2300 on 11930; and 2300-0300 on 9660 (Venezuela!). None of the media ever bothered to give the SW frequencies; RM announcements were sometimes wrong, e.g. "9.600," "11.900"--what are all these meaningless digits, the announcers must wonder. Furthermore, in a highly unprofessional manner, the fq changes are made at the exact scheduled time, regardless of programming in progress--it is, of course, the programmers who ought to build in the necessary breaks and announce the next frequency, just like WRNO. It was also supposedly required that the 1180 transmitter continue to carry VOA 3 hours a day, but this was apparently not being done--unless in the middle of the night or during afternoon siesta when I was not monitoring and VOA ordinarily is not broadcasting in Spanish.

What about the programming? I monitored almost continuously during the first 8 hours, and sporadically after that. In the morning, there was generally news every half hour, of varying lengths and highly repetitive, the big story being Castro's immediate reaction to R Marti in cutting off travel between the US & Cuba; never did RM mention the Cuban govt's point no. 5 as monitored from R Rebelde: reserving the right to broadcast to the US on mediumwave in response. A disproportionate amount of overseas correspondent reports came from Spain, rather out of place on this service. Every half hour there was a feature, "¿Sabia Vd.?" (did you know) that 51 Cubans were killed in Nicaragua during 1984. Pains were taken to paint Cuba in a negative light. A sports report had a leading Dominican baseball star pointing out that the best BB players used to come from Cuba, and that Cuba would probably have a major league team now if it weren't for communism. Official VOA editorials were run periodically, e.g. 1155 and the stn was frequently identified as a special VOA service for Cuba; letters were invited via 3rd parties/relatives in the US or other countries, addressed simply to R Marti, Washington DC, USA. Part of our \$11 million a year is going to broadcast astrological horoscope nonsense to the Cubans, at about :22 and :52 past the hour in the mornings; I thought it was to "tell the truth"? The oldtime Cuban radio comedy 'La Tremenda Corte', often heard on La Voz del CID, is on R Marti at 1415-1430 following a 2-hour "Entre Amigos" morning show; at 1440- 'De Mujer a Mujer,' a woman talking about love and playing love songs; a novela (soap

opera) at 1505-1555, "Esmeralda", a prayer from a Miami bishop at 1601 invoking god-blessing on the stn (special church services were held in Miami for the same purpose), and lots of music, mostly female DJs. I haven't had time to monitor the evening broadcasts closely, but the Herald reported the stn was actually 4-in-1; early morning, all (well, mostly) news; midday, soaps and women's pgms; afternoons for young people returning home from school; evenings, news and family-style features. Herald claimed the sked was until 11:30 pm (0330 UTC) tho we heard them s/off as sked at 0300. R Marti's motto, preceding most newscasts, loosely translated, is: "For the right of every man to be free; to receive information and disseminate it; to seek h's truth and proclaim it among others who respect it." A nice interval signal, and prodution music, including familiar "V-O-A" news stingers. No doubt the MW, and 5W bands will be extremely interesting to monitor in the near future around Cuba for signs of retaliation, and possible escalation of R Marti to other fqs (gh)

V of Afghanistan [more to 3 pages back] Now hrd 11-12 apx in 5820-5865 range; 7/5 and 90, 75, 49 m = 3, 3.8, 5.8 MHz (WBI 16/5)

V of Free Afghanistan [The offl] R Afghanistan reported that the W German chargé d' affaires in Kabul was handed a protest 14/5 about the 'Society for Protection of Human Dignity & Freedom' announcing it has commissioned a SW stn, VOFA, to support counter-revolutionaries; operating out of Pakistan using small xmtrs (WBI 16/5)

LAST MINUTE ITEMS BANGLADESH GOS in EG to SEAs 1230-13 on 17670 & 15570; EG V of Islam 08-0830 on 17670 15585 (Peter Bunn & Bob Padula, RA Talkback 19/5) V of Islam 08-0830 offl sked on 17670 15230. Roger Tidy, offl monitor for stn in UK was told by stn the 0800 xmen may be retimed to 0630; he has suggested these changes: 1815-1915 to 11555 ex 7355, and 9395 or 9855 ex-9830; 0800 to 17668 ex-17670 to avoid splash from USSR on 17680; and to 15585 ex-15230; 1600 to 9945 ex-9855. (WRTVH Newsletter, May, hereafter : NL)

CHINA Opening anmt of R Beijing 09-10 bc in Std CH indicates pgm beamed to NEAs on 9590 9480, SEAs/Oc 15530 15260 15165 12015 11945 11650 9945 6075. 2230-23 and to SEAs 15165 11725 12015 7590 7190 6165 6140 6075, NEAs 9590; previously both to SEAs only (WBI 16/5)

CONGO Brazzaville obs on 6115 now & again; 7103 & 15190 even more erratic; nothing noted on 3232 3264 9715 (Richard Ginbey, RSA, NL)

COSTA RICA R Reloj, 4832 & 6006 has an external svc 'Correo Internacional' Suns 0700 (Christian Zettl, México, SCDX bc 21/5)

DENMARK J85 sked: 09-0952 11835 70°; 10-1030 11960 310=HS News relay; 11-1152 15165 40; 12-1252 15135 215; 13-1352 15165 295; 14-1452 15120 120; 15-1552 15165 325; 1630-1730 15165 310 = HS relay of nx; 18-1852 15120 120. 19-1952 11750 150; 20-2015 M-F 9730 310 HS nx; 20-2052 Sat/Sun 9730 310; 2030-2045 M-F 9770 215 HS nx; 21-2152 15165 235; 22-2252 9715 265; 23-2352 6140 or 9715 295 (NL)

FRANCE The RFI svc to Antarctica in FR on Mons 08-0835 is on 11660 (WBI 16/5)

GAMBIA Two recent articles by senior personnel of R Gambia have revealed interesting details concerning lang & pgming. For 12 yrs, a regular pgm, mainly in Wolof, called 'Chossanie Senegambia' has been co-produced w/R Sénégal and carried simultaneously on both stns. More recently, R Gambia has introed a weekly pgm in FR while R Senegal has a daily bc in EG. R Gambia may incr output in FR, a direct result of formation of the Confederation of Senegambia. This possibly sheds new light on a controversial report a few yrs ago claiming an ID for "R Senegambia" had been hrd on a fq in the 60 mb. Unfortunately no times are given to assist our research. Can anyone help us locate the above-mentd bcs? (NL)

GUAM KTWR listed on new 15360 ex-17790 for EG SAs 00-01 (RA JP DX Time 19/5)

ITALY [Cf main mexion] AWR, Forlì, sked to 1/9: 06-07 EG 7125, 22-23 EG 6205; FR 07-0730 7125, GM 0730-0830 7125; 16-17 6205 (Maarten van Delft, Holland, SCDX bc 21/5)

JAPAN From 11/6, R Japan adds to 0130-0330 fqs 21610, deleted recently for work (NL)

KIRIBATI Feeder to Kiritimatia has been using former fq 16433 USB+carrier in recent months (Robert Jones, Australia, NL)

LAOS During recent check of Laotian regionals, Udomsai hrd on 4465, Lao and tribal langs obs 2230-0130 & 11-14; incl local nx 23-2330, 1130-12, & relay of Vientiane 00-0030 & 12-1230; add to previous lists (WBI 16/5)

MONACO TWR using a number of OOB channels; there are daily variations in exact times but overall skeds are: 6215 0345-0415, 0730-0820, 1005-1020, 1330-1415, 19-20. 9475 at 1510-1555, 9495 04-05, 0730-10, 1620-1705, 1830-19; 9775 at 12-1215, 9805 Sun 1405-1420, 11660 1405-1540, 1635-1750. 11690 1428-1545, 11695 0425-0550; most EEu (NL)

MOZAMBIQUE Very few SW xmtrs on the air, Maputo 3210 0255-0530 & 15-2205; 7242/9618 erratic, 15295v 06-14, 11810v erratic Em Interpov de Maputo E Gaza is on 3388/4919v 0255-0530, 1500v-2205; 7111v 0255-2205. ES not on SW now, all fqs silent. Beira A pgm on 6029v 0255-2210; B 9637 0255-20 (R Ginbey, RSA, NL)

NEPAL Updating WRTVH 85: 5005 now carries ch 2 ex-1; complete sked on SW: 0020-0520 3230 Ch 1; 0020-0520 5005 ch 2; 0620-1020 3230 5005 ch 2; 1050-1150 ES on 5005 only; 1150-1720 the same as 0020-0520 (Mohini Shepherd, NL) Kathmandu nxxpaper 'Rising Nepal' reported that Nep clox advanced by 5 mins 13/4 when NST came into effect, now 5:45 ahead of GMT--more compatible w/std time in rest of world, multiples of 15 mins (WBI 16/5) Wow, what an improvement; so times above'd be 5 mins later... (gh) I unthink there are any/mny quarter-hour so-called std time zones left (gh)

NEW ZEALAND Kiwi R, the pirate operates irregularly, best on 5850 arnd 0730; it's 30 watts from a remote North Island site (David Ricquish, NZ, RA Talkback 19/5)

NICARAGUA VON ES on 8015 *1100, in SP past 1230; Natl svc on 6025 *1100, QRM Malaysia; both have nx at 1200 (Peter Bunn & Bob Padula, RA Talkback 19/5 & JP 19/5)

PHILIPPINES Alok Das Gupta's DX Dial pgm on FEBC is Sat 2345-2400 on 15445, repeated Tue 1340 on 11725, Fri 0840 on 11890; in addn to the 0150 Good Morning India DX feature (Bunn & Padula, RA Talkback 19/5)

PUERTO RICO 3/5, R Havana reported that per weekly 'Caribbean Business', VOA'd invest abt 160 mega\$ in its new installations in PR. Publication confirmed reps. US [Army?] Corps of Engineers were conducting negotiations to acquire more than 500 ha in Cabo Rojo, western PR. VOA'd bc from PR to SA & Carib on SW & MW (WBI 16/5)

TAIWAN VOFC has new lang sked for J85 & S85, EG: Phil/Indo/WAu 0200-0400 11745, 21-23 11825; HK/Macao 02-04 9685; EAu/NZ/Indo 02-04 15125; SEAs 02-03 & 06-07 7285; NAM 02-04 11825, also via WYFR 02-04 5985/6065, 06-07 5985; Eu/ME/NAF 21-22 on 9510 9600 9765 11860, 22-23 9600 (NL) WYFR pgms one hour earlier for summer (gh)

THAILAND R Thailand, Bangkok, ES on 50 kW 11905, 100 kW 9655, MW & FM: 23-0430 EG, 0430-05 FR, 05-06 (Sat/Sun 08) EG, 0915-10 Laotian, 10-1030 Std CH, 1030-11 TI, 11-1130 VT, 1130-1230 EG, 1230-1310 Cambodian, 1310-14 ML, 14-1430 JP, 1430-15 RM. ITU regs show SW fqs beamed to Eu/AuAs/SEAs/ENAm (WBI 16/5)

TUNISIA Tunis on new 9585 ex-9610 for AR, G here // 9675 05-07 (Bunn & Paddla, RA)

TURKEY V of Turkish Communist Party, in 4/5 bc reported Washington intensifying efforts to gain approval for relay xmtrs for RFE in Turkey. VOA & CIA also involved; CIA delegation arrived in Turkey in a bid to study establishment of relay stns and antennas and hold talks w/govt offls. Turkish FM said tho there was a US request, no decision yet; laws seem to indicate TRT has monopoly on bcs (WBI 16/5)

U S S R R Stn Peace & Progress EG: As 14-1430 21515 15420 11970 11775 11720, 1530-16 15350 11880 6190 6005 1314; Af 1630-17 12045 11975 11800 11745 9650 (NL)

NORTH AMERICAN PIRATES

Secret Mountain Laboratory 5/2 0242-0317* on 7412. SIO 333. Specializes in offbeat mx such as folk, bluegrass, Cajun, Latin, etc. Besides having maildrop in Hilo HI this time claimed being from there, probably another smoke screen. Confirmed unID I had on 15095 and said to look for them in future on 9905; do not ID much so do not confuse w/unID Lam mx stn (Grant Lochmiller, IA)

Radio USA 13/5 0015-0030 on 7373 w/Cheapskate, Private Eye; usual rock; lots of QRN due to tornadic storms in area. Trying to DX pirates, monitor VHF ham wx nets & NOAA bcs, not to mentn TV all at once is difficult! Pirates lost (John Norfolk, ORC OK)

UNIDENTIFIED

3345 3/5 2010-2200* in EG, s/off w/NA; Angola unseem: possible, so what? Pakistan? Precedent of Pak 4830 in EG to 2200*; fair to good (F Golzio, Play-DX, Italy) 5040 20/4 2340 nx in SP about Nicaragua; not Moscow; QRM from unID in SP, Upno? 15 de Sept has been reported on 5040 in NAM; monitor! (Dario Monferini, Italy, Play-DX) 5170 When listening to China I sometimes hear a stn in SP 1045-1107; mentions Costa Rica, sounds like R Parancanal (Jim Conrad, Waterloo IA) 6667 SP cland talking about democracy, 13/4 0225, F; wonder if it's Alpha 66, reported earlier on 6666 (Derek Lynch, Ireland) Seems likely

PUBLICATIONS

Review of International Broadcasting, Issue 99, now available, has country-by-country Broadcasts in English table; advance program info & comment; over-the-horizon radar update on US plans, and monitoring woodpecker, articles on Rima Radio, Nigeria; regular columns including Radio Equipment Forum, including external speakers, antenna tuners; and much more. Samples \$1.50, subs \$18 in US; \$1.75/US\$21 in Canada by PMO or US bank, from Glenn Hauser, Box 490756, Ft Lauderdale FL 33349. Until the next, 73/gh

RADIO CANDIP B.P.373 BUNIA

R p. du Zaire

via Cooes

QSL POUR

DATE	FREQUENCE
3 Feb 85	5646 kHz

DONNEES TECHNIQUES

FREQUENCES	EMETTEURS	ANTENNE
3390 KHZ	BAUER 1KW	DIPOLE
5066 KHZ	BAUER 1KW	DIPOLE
7150 KHZ	PHILIPS 1KW	DIPOLE

**QSLs**

Sam Barto, NASWA QSL Editor
47 Prospect Place, Bristol, CT. 06010

ADMIRALTY ISLANDS: Radio Manus 3315

f/d personal ltr. in 58 ds. for a taped rpt. and ms. v/s Raka Saini, Station Manager. (Sgrulletta-NY).

ALASKA: KNLS 6085 f/d cd. in 1 mo. v/s

7355 f/d cd. in 2 wks. for ms. (Palmer-IRCs. (Craighead-KS). 9640 same cd. in 95 ds. for 2 IRCs. (Streeter-NY).

ANGOLA: Radio Nacional de Angola 9535 f/d "Logo" cd. in 67 ds. for a PT rpt. and 2 IRCs. via registered mail. v/s Luzia Pancony. (Tutak-NJ).**ARGENTINA: RAE 15345 f/d cd. w/ pennant in 41 ds. for an EG rpt. (Hinton-TX) 11710 and 15345 same w/ pennant in 48 ds. for 2 IRCs. v/s Azeguna Mass.**

* (Kacir-MI). **Radio Nacional de Buenos Aires 9690 and 6060 p/d cd. in 4 mo. for a SP rpt. (Barto). LS5 Radio Rivadavid 4588 white "Logo" cd. in 2 mo. for a SP rpt. (Barto-CT).**

ASIATIC RUSSIA: Radio Moscow 6050 via Irkutsk f/d cd. in 52 ds. (Lawrence-CO). 7300 via Yuzhno-Sakhalinsk f/d cd. in 2 mo. (Lawrence). 9795 via Komсомolsk-on-Amur f/d cd. in 60 ds. (Lawrence).**AUSTRALIA: Radio Australia 6060 via Shepparton f/d "Kingfisher" cd. in 1 mo.**

* for 1 IRC. 9580 f/d "Talkback" cd. in 5 mo. for 3 IRCs. (Loudell-TN). **3AR** via **VLR9 9680 f/d "Map" cd. in 18 ds. for 3 IRCs. (Craighead). VLM4 4920 f/d cd. in 32 ds. (Wood). same in 48 ds. for 3 IRCs. (Hardester-CA). VLO9**

* 9660 f/d cd. in 48 ds. for 3 IRCs. (Hardester). **3LO** via **VLR6 6150 f/d cd. w/ personal ltr. in 33 ds. v/s Michael Taft. (Sgrulletta). VNG 4500 f/d cd. in 21 ds. v/s E. Tremayne. (Clifford-CA).**

AUSTRIA: ORF 5945 f/d "Salzburger" cd. in 52 ds. (Hinton).

BELGIUM: BRT 9925 f/d form ltr. in 1 mo. (Barto). 5910 f/d "Paul Rubens" cd. in 37 ds. (Levison-PA). f/d form ltr. in 40 ds. (Davisson-OH).

BOHAIRE: TWR 11815 f/d "Harbour" cd. in 18 ds. (Loudell). 9535 f/d "Underwater Beauties" cd. in 20 ds. for 1 IRC. (Renfrew-NY).
BRASIL: Radio Bras 15290 f/d cd. in 54 ds. (Hinton). 11745 and 15290 cd. in

* 40 ds. for 2 IRCs. (Kacir). 11745 "Irecema" cd. in 39 ds. (Levison). **Radio Copacabana 5015 n/d ltr. in 28 ds. for a PT rpt. and ms. (Streeter).**

Radio Rio Mar 9695 p/d "Map and Studio" cd. in 1 mo. for 3 IRCs. (Loudell)

* **Radio Congonhas 3385 p/d ltr. w/ pennant for a 1977 reception in 52 ds.**

* (Barto). **Radio Educadora 3 de Julho 3570 p/d ltr. in 62 ds. for a PT rpt. v/s Carlos Henrique S. de Olivera, Director. (Barto). Radio Nacional Manaus 4845 f/d cd. in 1 mo. for a PT rpt. v/s Eudson Montelro. (Huniwell-NJ) Radio TV Cultura Sao Paulo 6165 f/d personal ltr. in 13 wks. for a PT rpt sticker rcvd. v/s Olimpio Jose Franco. (Orcutt-NY).**

CANADA: RCI 5960 f/d "40th Anniversary" cd. in 1 mo. for ms. (Loudell).

CAPE VERDE ISLANDS: Voz de Sao Vincente 3931 p/d cd. in 41 ds. for a PT rpt. (Wood).

CELEBES ISLANDS: RRI Ujung Pandang 4719 f/d "Logo" cd. in 70 ds. for an EG rpt. and 1 IRC. v/s H.A. Nyongki B.A., Kepala. (Schmitz-FRG).

CHAD: Radiodiffusion Nationale 4904.5 f/d ltr. in 86 ds. for a FR rpt. and 2 IRCs. (Wood-NY). same in 2 mo. (Field-MI). in 79 ds. for 3 IRCs. (Clifford).

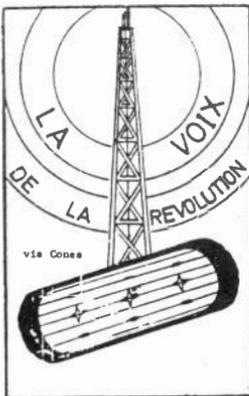
CHILE: Radio Mineira 9750 n/d cd. w/ pennant and sticker in 16 ds. for a SP rpt. (Craighead).

CHINA, PEOPLES REP. OF: CPBS 5880 f/d cd. in 2 mo. (Barto). Radio Beijing 11860 f/d cd. w/ sticker in 20 ds. (Turney-NY). same w/ pennant in 30 ds. (Levison). 9820, 9550, 9880, 9535 and 9730 f/d cds. in 2 wks. I'm a regular monitor for Beijing. (Bowden).

CLANDESTINE: Radio Camilo Cienfuegos 6305 f/d cd. in

* 2 mo. for 1 IRC. (Palmerheim). **Radio Surinam International 17755 via Radio Bras ltr. in 2 mo. for 3 IRCs. (Craighead).**

COLOMBIA: La Voz del Llano 6118 f/d prepared cd. w/ sticker in 201 ds. for a SP rpt. v/s Gloria Rodriguez. (Forsgren-WI).



VERIFICATION SIGNERS: La Voz de Los Caras 4795 Alejandro E. Navares, Gerente. Radio MEC 11950 Antonio C. Assis, Director Programa. Ondas del Meta 4885 German Castaneda. Radio Huanta 2000 4747 Percy Baltazar R., Radio Sicuani 4827 Alfredo F. Quispe, Administrador. La Voz de Carabobo 4780 Julio Calanche, Locutor. AIR Bombay Mr. Veena Khare, AIR Madras Mr. Raj-agopalan. AIR Lucknow Mr. S.C. Mishra, Station Engineer. La Voz de la Selva 4825 Marcelino Estevan. Radio Quillabamba 5025 Padre Rufino Lobo Alonso. Radio Paz y Bien 4820 Padre Enriquez Pesantez, Director. AWR Forli 6205 Stefano Losio. Radio Frontera 4760 Modesto Marchena, Director. Radio Catolica Nacional 5055 Padre Cirillo Tescaroli, Director. Radio Ancash 4990 Armando Moreno Romero, Director-Gerente. ABC Tramore 7325 Clive Royleane. Radio San Martin 4810 Nori de Meneses, Secretary. Radio Cacique Sorocaba 2470 Paulo Roberto Machado. Radio Alvorada de Parintins 4965 Raimunda Ribeiro da Silva, Director Gerente. Ondas del Meta 4885 German Castaneda. AWR Africa 9630 Daniel Grisier, Director. Radio Nacional Angola, Luzia Fancony. Voice of the Communist Party of Iran 4470 H. Nakisa. La Voz de Saquisilí 4900 Arturo Mena Herrera. Radio Chortis 3380 Juan Maria Boxus, Executive Director. Rima Radio Sokoto 6195 Hajiya Hassana Umaru, Program Controller. Radio 5 3250 M. Visser, Technical Officer.

COLOMBIA: Ecoss del Combeima 4785 n/d personal ltr. in 86 ds. for a SP rpt. and ms. v/s Armando Monroy Castro. (Forsgren). Radio Suta-tenza 5095 p/d "Logo" cd. in 61 ds. for a SP rpt. and 1 IRC. (Lawrence). Radio Macarena 5975 f/d cd. w/ sticker in 85 ds. for a SP rpt. and 1 IRC. (Wood). same in 3 mo. v/s Enrique Zambrano Nieto, Gerente. (Field-MI).

COSTA RICA: Radio Reloj 4832 f/d cd. in 12 ds. for a SP rpt. and 1 IRC. v/s Francisco Barahona. (Wood). p/d "Clock" cd. in 19 ds. * for 1 IRC. (Lawrence). Radio Impacto 6150 n/d personal ltr. in 11 ds. for a SP rpt. and 2 IRCs. v/s Juan Carlos Aguero L. (Streeter).

CUBA: RHC 9525 f/d cd. in 93 ds. (Levison). Radio Moscow 11840 via Habana f/d cd. in 57 ds. (Lawrence).

CZECHOSLOVAKIA: Radio Praha 5930 f/d cd. in 28 ds. (Levison). f/d "Mountain Chalets" cd. in 3 wks. for 2 IRCs. (Loudell). 7345 and 5930 f/d cd. in 3 wks. (Bowden). (Craighead-KS).

DOMINICAN REP: AWR 11700 via Radio Clarin f/d cd. in 3 wks. for 3 IRCs.

ECUADOR: HCBR 9745 f/d "Transportation" cd. in 5 wks. for ms. (Loudell). same in 28 ds. (Davisson). 11910 f/d "Chimborazo" cd. in 43 ds. (Barto). Radio Catolica Nacional 5055 ltr. w/ pennant in 5 wks. for a SP rpt. and ms. (Craighead). same in 45 ds. for a SP rpt. and ms. v/s Diana Garcia A., Secretaria General. (Streeter). n/d ltr. w/ pennant in 25 ds. for 2 IRCs. (Plum-NJ). La Voz del Upano 5040 ltr. w/ pennant in 10 wks. for a SP rpt. and ms. (Craighead). Radio Centinela del Sur 4390 ltr. w/ pennant via station visit. (Moore). La Voz del Rio Tarqui 3285 f/d cd. w/ ltr. via station visit. v/s Srta. Alicia Pulla Celleri, Administradora. (Moore). Radio Popular 4801 f/d cd. via Moore visit. (Field-MI). CRE 4656 n/d personal ltr. w/ pennant in 19 mo. for a SP rpt. and ms. v/s Alicia de Blacio. (Streeter). HD2IOA 7600 n/d "Sundial" cd. w/ sticker in 67 ds. for a SP rpt. and ms. v/s Fausto Lopez Villagas. (Streeter-NY).

EGYPT: Radio Cairo 9475 f/d cd. in 32 ds. (Hinton). ert-PA).

ENGLAND: BBC 7260 cd. in 17 ds. (Turner-NY). 15070 n/d cd. in 22 ds. (Eck-

ETHIOPIA: Voice of Revolutionary Ethiopia 9560 p/d cd. in 26 mo. for 3 IRCs

FALKLANDS: FIBS 3958 p/d cd. in 60 ds. w/ ltr. for 2 (Craighead-KS).

IRC's. v/s Wendy Ross, Broadcast Secretary. (Streeter). f/d cd. w/ ltr.

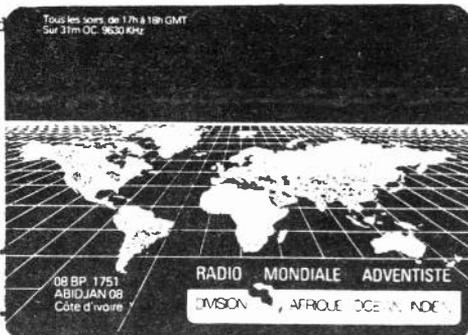
in 1 mo. for 3 IRCs. (Meyer-WI).

FEDERAL REP. OF GERMANY: RFE 17725 p/d "Map" cd. in 11 ds. for ms. (Loudell). Deutsche Welle 6120 n/d cd. in 2 mo. (Turner-NY).

FERNANDO POO: Radio Nacional de Guinea Ecuatorial 6250 via Malabo n/d

* ltr. in 30 ds. for a SP rpt. v/s Hilario Obiang Nguema Nchama, Jefe de Programacion. Addr: Radio Nacional Malabo, Radio Guinea Ecuatorial, Bioko Norte, (Gavaras-MN).

FRENCH GUIANA: RFI 6055 via Montsinery f/d "Logo" cd. in 1 mo. (Palmerheim)



via Wendel Craighead

FRENCH GUIANA: RFO 5055 p/d folder cd. in 183 ds. for a FR rpt. and ms. (Forsgren). same in 1 mo. (Bowden).

GABON: Africa #1 11940 cd. in 133 ds. for ms. (Eckert). f/d cd. in 64 ds. for a FR rpt. and 2 IRCs.

(Wood). same in 71 ds. for 2 IRCs. (Caravan-PA). p/d "Logo" cd. in 110 ds. for ms. (Dillon-MD). same in 11 wks. for a FR rpt. and 3 IRCs. This after 10 f/up rpt. (Craighead). 11815 cd. in 4 mo. (Field-MI). 4810 p/d cd. in 128 ds. for a FR rpt. and 2 IRCs. (Wilkins-CO). **Radio Mondiale Adventiste (AWR)** 9630 via **Movabi** cd. w/ ltr. in 5 wks. for 3 IRCs. Addr: 08 BP. 1751, Abidjan 08, Ivory Coast. (Craighead). same w/ cd. and personal ltr. in 2 mo. for 1 IRC. v/s Daniel Griser. (Palmerheim-MN).

NOTES: Pat Wood of Syracuse, NY says that the long wanted ICOM receiver had to be put on the shelf. Got a color TV instead. Hi! Where are your priorities? Cathy Turner of Yonkers, NY. sent in her first column report last month. Keep them coming. Tim Davison in Ohio has been in the hobby since 1959. He is presently using an SPR4 receiver. John Tow in Pinson, Alabama recently verified #133 in the form of Cook Islands. Still waiting for Kiribati and Maldives. So are most DXers. Michael Schmitz in Germany has just returned from a vacation in the Canary Islands. Wish I was there. Erich Schulman in Oak Ridge, TN. also sent in his first QSL Column contribution a few months ago. Welcome aboard! Also received letters from Don Moore, Jean Burnell and Mike Hardester.

GHANA: GBC 4915 f/d cd. in 3 mo. (Bowden). same in 101 ds. for ms. Schedule rcvd. (Dillon-MD).

GREECE: Voice of Greece 9865 f/d cd. in 3 mo. (Bowden). 6225 f/d "Santorini Island" cd. in 2 mo. (Warner-AUST). (Bowden).

GUAM: KTRW 9530 f/d cd. in 3 wks. (Barto). 11735 f/d cd. in 3 wks.

HOLLAND: Radio Nederland 6020 via Flevo f/d cd. in 22 ds. (Streeter). 11740 same f/d cd. for first day test. (Davisson).

HONDURAS: Radio Luz v Vida 3249.5 f/d prepared cd. in 1 wk. for ms. v/s Charlie VanderMeer, Director. (Palmerheim).

HUNGARY: Radio Budapest 11910 f/d cd. in 36 ds. (Levison-PA).

ICELAND: ISBS 13797 cd. in 12 ds. for 2 IRCs. (Levison).

IRAN: VOIRI 9022 f/d "War is Ugly" folder cd. in 62 ds. (Dillon-MD). same in 93 ds. for 2 IRCs. (Tutak). in 202 ds. for 2 IRCs. (Caravan-PA)

ITALY: RAI 9575 f/d "Venere Dormiente" cd. in 227 ds. (Henschen-IN).

JAPAN: Radio Japan 15195 f/d "Swans" cd. in 50 ds. (Clifford). 9505 f/d "Imperial Garden" cd. in 22 ds. (Kacir). 15210 same cd. in 32 ds. (Levison).

* 17755 "Nagano" cd. in 2 wks. (Turner-NY). **NHK** 3970 via **Sapporo** p/d "Mt. Fuji" cd. in 20 ds. (Warner-AUST). 3377.5 p/d "Cherry Blossom"

* cd. in 20 ds. for a taped rpt. and 2 IRCs. (Wilkins). 3607.5 via **Tokyo** p/d "Shinjuku Gardens" cd. in 20 ds. for a taped rpt. and 2 IRCs. (Wil-

KOREA, REP. OF: Radio Korea 7275 p/d "Seoul 1986" cd. in 2 mo. kins). w/ schedule and pennant. (Barto-CT).

KUWAIT: Radio Kuwait 11675 f/d folder cd. w/ sticker in 44 ds. (Bowden). same in 6 wks. for 3 IRCs. (Loudell). in 36 ds. for 1 IRC. (Kacir-MI).

LESOTHO: LNBS 4800 f/d "Flag" cd. in 34 ds. for 2 IRCs. (Lawrence). same in 2 mo. for ms. (Loudell).

LIBERIA: VOA 15600 f/d cd. in 13 ds. (Eckert). cd. in 50 ds. (Renfrew).

LIBYA: Radio Jamahiriva 11815 f/d "Rainbow" cd. in 80 ds. (Hinton-TX).

LITHUANIAN SSR: Radio Vilnius 9685 f/d cd. in 95 ds. (Levison-PA).

LUXEMBOURG: Radio Luxembourg 6090 f/d "Antenna" cd. in 23 ds. for ms. (Dillon-MD). same in 55 ds. for 1 IRC. (Forsgren-WI).

MALAGASY REP: Radio Nederland 11740 f/d cd. in 1 mo. (Warner).

MALTA: Radio Mediterranean 6110 6110 f/d "Map" cd. in 95 ds. for a FR rpt. and ms. Sticker rcvd. v/s Mme Agnes Borg. (Dillon). same in 89 ds. w/ sticker. for 2 IRCs. v/s Monica M'lend (Kacir).

MALI: Radio Mali 4783 f/d "Map" cd. in 126 ds. for a FR rpt. and 2 IRCs. (Wood). same in 33 ds. for a FR rpt. and 2 IRCs. (Schmitz). in 34 ds. for a FR rpt. and ms. (Dillon-MD). 7285 f/d cd. in 2 mo. (Bowden).



VERIFICATION SIGNER: Caracol Carreno 5936 Eliecer Leon, Director. DUB4 3286 Jose Borromeo, Broadcast Operations Manager. AIR Jammu Kashmir B.L. Zutshi, Assistant Engineer. Radio Mara 3275 Sonia Gobe, Director. Radio Capital 4850 Antonieta Benitez, Secretaria. Radio Lubumbashi 7205 Mpanzu Kisema-Ki-Nsundi, Service Chief. Radio Pampa 6080 Claudio Pastor Garbini, Director. Radio Emissora Aruana 4855 Esther Tonello Pedro, Director-Pres. Radio Brasil Central 4985 Jose Pedro Rego, Director. La Voz de Yopal 5050 Milia Stella Moreno.

MEXICO: XEUJ 5982 f/d cd. w/ personal

ltr. in 1 mo. for a SP rpt. and 1 IRC. v/s Marcelo Becerra Gonzalez, Director General. (Palmer-sheim). 5980 same in 45 ds. for a SP rpt. (Wilkins-CO).

MOZAMBIQUE: Radio Mozambique

p/d "Map" cd. in 34 ds. for a PT rpt. and 3 IRCs. (Wilkins).

same in 35 ds. for ms. (Plum). 3210 same cd. in 32 ds. for a PT rpt. (Forsgren). 3338 p/d cd. in 3 mo. for a PT rpt. (Hurto). 9618 same cd. in 36 ds. for 2 IRCs. (Tutak). Never seen so many rpts. from RM in quite a while!!

NAMIBIA: Radio SWA 3295 p/d "Nature Park" cd. in 1 mo. for 3 IRCs. (Loudell-TN).

NEPAL: Radio Nepal 5005 ltr. rcvd. from the former QSL secretary, Miss Mohini Shepherd, who no longer performs this duty for the station. (Reinstein-FL).

NEW BRITAIN: Radio West New Britain 3235 f/d "Map" cd. w/ ltr. in 74 ds. v/s Jack Bata. (Forsgren-WI).

NICARAGUA: Radio Zinica 6120.6 f/d prepared cd. w/ ltr. in 2 mo. for a SP rpt. and 1 IRC. v/s Arturo J. Valdez R., Director.

NIGERIA: FRCN 4990 f/d cd. in 20 mo. (Plum). 7255 f/d "Airport" cd. in 458 ds. for 1 IRC. (Dillon). Rima Radio 6195 n/d ltr. in 28 mo. for ms. v/s Sunday A. Akande. (Streeter).

OMAN: BBC 15310 n/d cd. in 80 ds. (Warner).

PAPUA NEW GUINEA: NBC 4890 f/d "Map" cd. in 22 ds. for ms. (Warner). same in 53 ds. for 2 IRCs. v/s Pomsie Pomat. (Lawrence). Radio Western Highlands 3375 f/d cd. w/ ltr. in 50 ds. v/s Paul K. Ray. (Forsgren).

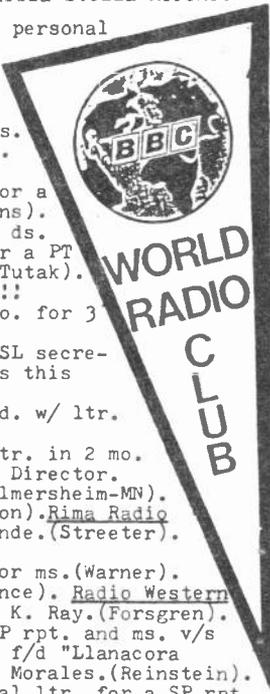
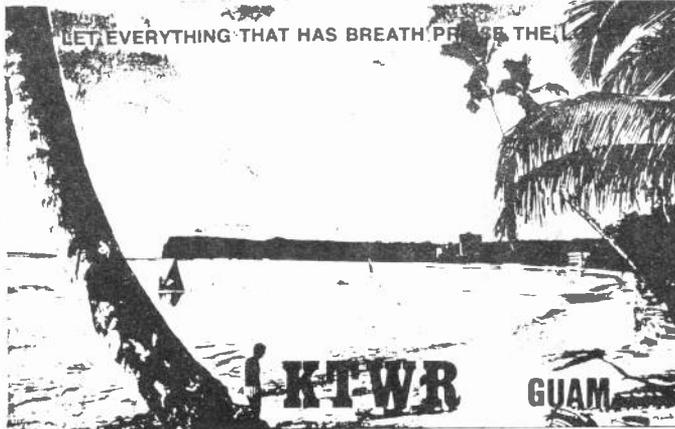
PERU: Radio Tropical 4935 n/d cd. in 208 ds. for a SP rpt. and ms. v/s Juan Pablo Mori. (Streeter). Radio Bambamarca 5658 f/d "Llanacora Waterfall" cd. via Moore visit. v/s Augusto Arana Morales. (Reinstein).

* Estacion "C" Moyobamba n/d cd. in 4 mo. w/ personal ltr. for a SP rpt. (Field). Radio Chota 6296 f/d "Waterfall Camarja" cd. via Moore visit. v/s Mauro Vasquez Gonzales, Director Gerente. (Field). Radio Juan de Chota

5275 f/d cd. via Moore visit v/s Raul Rivera Burga. (Field).

POLAND: Radio Polonia 7285 and 11840 f/c cds. w/ personal ltr. in 133 ds. for 2 IRCs. v/s Zdzislaw Frackiewicz, Editor. (Caravan-PA).

PORTUGAL: Radio Portugal 6095 f/d cd. in 45 ds. (Hinton-TX) RFE 15115 via Gloria cd. in 10 ds. (Wood).





QATAR: QBS 9905 f/d cd. w/ ltr. in 7 wks. for 2 IRCs. Schedule rcvd.(Craighead).

RIO MUNI: Radio Nacional de Bata 4926 f/d "Map" cd. in 2 mo. for a SP rpt. v/s Jose Mba Obama.(Field-MI).

ROMANIA: Radio Bucharest 5990 f/d "Folk Costume" cd. in 73 ds.(Cones). same in 110 ds.(Levison)

RWANDA: Deutsche Welle 11965 f/d personal ltr. in 1 mo. for 2 IRCs.(Loudell).

SENEGAL: ORTS 4890 p/d "Logo" cd. in 1 mo. for a FR rpt. and 2 IRCs.(Craighead).same in 57 ds. for a FR rpt. and 3 IRCs.(Clifford). same in 28 ds. for 2 IRCs.(Henschen-IN).

SEYCHELLES: FEBA 11895 f/d cd. in 3 mo.(Bowden).

SINGAPORE: EBC 11750 f/d cd. w/ FERS rubber stamp direct from station.(Renfrew-NY).

SOUTH AFRICA: Radio RSA 21535 f/d cd. in 19 ds.(Levison). 9615 f/d "Drakensberge" cd. in 102 ds.(Davisson). Radio

Five 3250 f/d cd. in 3 1/2 wks. for 3 IRCs.

(Loudell). Capital Radio

3930 f/d form ltr. in 6 1/2 wks. for 3 IRCs.(Loudell).

9765 p/d ltr. in 47 ds. for 2 IRCs. v/s Iris Wheeler, Secretary.(Wilkins-CO).

SPAIN: REE 9630 via Toledo f/d cd. in 44 ds.(Kacir).

SRI LANKA: Deutsche Welle 11705 f/d cd. in 4 mo.(Palmerheim).

VOA 9645 f/d cd. in 11 ds.(Lawrence-CO).

SWAZILAND: TWR 5055 f/d cd. in 5 wks for 3 IRCs.(Loudell-TN).

SWEDEN: Radio Sweden 15345 f/d cd. in 17 ds.(Davisson).

SWITZERLAND: 4UZ UN Radio 14500 f/d ltr. in 13 ds.(Wood-NY).

TANZANIA: Radio Tanzania 5050 f/d cd. in 78 ds. for ms.(Tow). same

in 20 ds. for 2 IRCs.(Burnell-ONT). 4785 f/d cd. in 6 wks. for 2 IRCs.(Craighead). 9750 p/d cd.

in 36 ds.(Hinton). f/d "Map" cd. in 50 ds. for 1 IRC.(Rigas-IL).

TOGO: Radio Togo 5047 f/d "Map/Globe" cd. in 29 ds. for 2 IRCs.(Henschen) same in 32 ds. for a FR rpt. and 4 IRCs.(Hastie-TX). in 76 ds. for 2 IRCs.(Cunter-NC). same in 1 mo. for ms.(Foxy-VA). cd. in 39 ds. for a FR rpt. and 2 IRCs.(Wood).

TURKEY: Voice of Turkey 9560 f/d cd. in 1 mo.(Hinton). same in 28 ds. for 1 IRC.(Speer-CA).

UNITED ARAB EMIRATES: Voice of

* the UAE 4800 f/d cd. in 33 ds. for 2 IRCs.(Foxy). Radio

Dubai 15320 cd. in 25 ds.

(Eckert). 17775 same in 20 ds. for 2 IRCs.(Renfrew).

7310 cd. w/ pennant in 28 ds.(Hinton).

UKRAINIAN SSR: Radio Kiev 4940 f/d cd. in 3 mo.(Gliksman-IL). 15100 "Bird" cd. in 81 ds.(Speer). Radio Moscow

7320 via Starobelsk f/d cd. in 29 ds.(Lawrence). 15475 cd. in 1 mo.(Levison).

USA: VOA 11950 via Dixon cd. in 27 ds.(Lawrence). 9350 via Greenville f/d cd. in 9 ds.(Barto). 5995 f/d cd. in 204 ds.(Clifford). 9700 via Delano f/d cd. in 16 ds.(DilTon-MD).



RADIO POR UM MUNDO MELHOR

ICI NIAMEY

M O N D O N O N S E M P L E D O U

MDKOTO STATE BROADCASTING CORPORATION

Program & Color
BROADCASTS 500000
 Phone 30000 50000
 Year 1970

(Class RADIO
 9420 PWS
 500000
 500000)

1100 March, 1971

TO: (Circ./Cable/Via/12)

(Station J. K. Lamm,
 P.O. Box 100,
 Chicago, Illinois 60600,
 U. S. A.)

Dear Sir,

REPLY TO: (Circ./Cable/Via/12)

We write to acknowledge yours of February 19th 1970, on our previous report. Your report was correctly identified as our station and we do hope you have been able to receive us again.

Some advice is one of the provincial stations in Nigeria 19 states. We broadcast in English and Hausa. The latter is the predominant language in the Northern part of Nigeria and the latter is spoken in the Southern part of Nigeria.

The station is situated in the North Western corner of Nigeria. We also broadcast in Yoruba language and a Native Dialect called Dabari. However 80% of our air-time broadcast is in Hausa.

Please accept our appreciation for your efforts and help in sending us a reception report. We will find evidence a sign of our broadcast schedule for your class. We hope you will find it useful.

Yours Sincerely,
H. H. H.

USA: VOA Delano 9690 cd. in 15 ds. (Renfrew). **UN Radio** 15120 via **Greenville**. f/d cd. in 1 mo. (Renfrew). 15120 cd. in 13 ds. (Wood). 17730 cd. in 2 wks. (Schulman-TN). **WINB** 15185 and 17730 cd. in 3 wks. for ms. (Renfrew). in 5 wks. (Schulman). **WYFR** 5985 n/d cd. in 1 mo. (Renfrew). f/d cd. in 67 ds. (Davison). 15365 cd. in 78 ds. (Tow-AL). **WWV** 10000, 15000, 20000 f/d cd. in 8 ds. (Renfrew). 5000 f/d cd. in 11 ds. v/s John B. Milton. (Hastie).

* **KPF941** 1622 f/d cd. in 8 ds. v/s A. Weiner. (Sgrulletta). p/d cd. in 88 ds. for ms. (Stephany-NY). same in 111 ds. for ms. (Tutak-NJ). **Voice of Free China** 5985 via **WYFR** "CH New Years" cd. in 45 ds. (Renfrew). cd. in 1 mo. (Schulman). **WRNO** 11890 f/d "Fair" cd. in 23 ds. for ms. (Wilkins-CO).

USA (Pirate) KROK 7400 f/d cd. in 75 ds. for ms. * 100 watts. (Tutak). f/d cd. in 56 ds. for ms. (Rigas-IL). 7435 f/d pink cd. in 120 ds. via Moorhead, MN. (Gavaras-MN). 7380 f/d cd. in 28 ds. for ms. (Plum). **Humpty Dumpty Broadcasting** 7430 f/d form ltr. in 3 wks. for ms. * 50 watts. (Palmerheim). **Voice of Tomorrow** 6240 f/d cd. in 86 ds. for ms. v/s Allan

Pearson. **XMTR-Baltimore, MD.** (Tutak). same in 4 mo. for ms. (Plum-NJ). 6240 and 7410 f/d cd in 4 1/2 mo. (Palmerheim). 7410 cd in 5 mo. for ms. (Talbot-ALB).

* **Phantom Broadcasting System** 7425 f/d "Monster" poster in 13 ds. for ms. (Reinstein). **Radio Woodland International** 7430.5 f/d "Nature" sheet in 32 ds. via Hilo address. 100 watts. (Reinstein). 7425 ltr. in 20 ds. for ms. (Talbot). 7390 and 7435 f/d "Commie Hunter" ltr. in 20 ds. for ms. (Talbot). **KQSB** 7374 f/d cd. in 6 mo. for a taped rpt. 100 watts. (Warner-AUST)

* 7418 f/d cd. in 26 ds. for ms. 90 watts. (Tutak). **Radio Clandestine** 7371 f/d ltr. in 8 1/2 mo. for a taped rpt. and ms. (Warner-AUST). 7375 f/d form ltr. in 90 ds. for ms. (Stephany). 7355 same in 5 mo. for ms. (Schulman). 3225 f/d form ltr. in 2 mo. for ms. Postmarked Boston.

* (Orcutt-NY). **Voice of Venus** 7398 p/d ltr. in 70 ds. for ms. v/s Scott Wild. (Tutak). 7430 f/d ltr. in 67 ds. (Rigas). 7425 p/d form ltr. in 5 1/2 mo. for ms. (Talbot). **Radio Sine Wave** 7435 f/d form ltr. in 1 mo. for ms. (Palmerheim). **Zeppelin Radio Worldwide** 7425 f/d blue cd. in 1 mo. for ms. (Palmerheim). **Secret Mountain Laboratory Broadcasting System** 7432 f/d form ltr. in 3 mo. for ms. (Palmerheim). **KROK** 7382 f/d orange cd. in 3 mo. for ms. (Palmerheim).

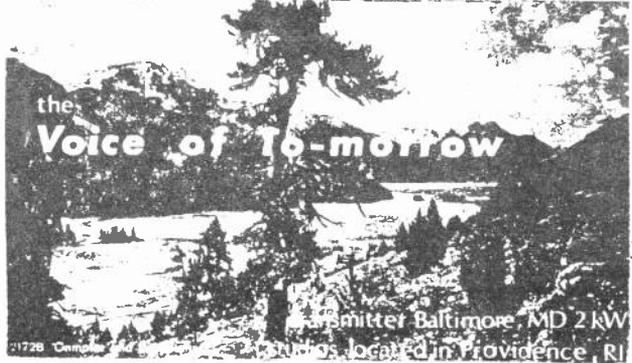
WEINER BROADCASTING CO

1622 AM
KPF-941
 YONKERS
 NEW YORK
 AUXILIARY STATION

* **Tangerine Radio** 7432 p/d ltr. in 40 ds. for ms. 100 watts. (Plum). 7435 p/d ltr. in 40 ds. for ms. (Tutak-NJ).

* **Tangerine Radio** via **KQSB** 7425 f/d cd. in 32 ds. for ms. (Tutak).

USSR: Radio Moscow 15450 cd. in 2 mo. (Bowden). same in 75 ds. (Levison-PA).



RADIO SOUND WAVE

via QSL
Dave Swaringen

V. Date:

DATE: 30 MAY 85

TIME: 2245-2316

FREQ: 7380 kHz



738 FFFA

- * (Wilkins). Radio Tricolor 4820 f/d cd. in 2 wks. on 15th try for a SP rpt. for a 1976 reception. v/s Carlos Argenes Lugo, Director. (Field).
- WEST IRIAN: RRI Manokwari 3986 f/d 2 page ltr. in 31 ds. for an IN rpt. and ms. v/s Abdul Rachim, Kepala Stasiun. 500 watts! Color photo of station rcvd. (Reinstein). RRI Serui 4607 p/d form ltr. in 11 mo. for an IN rpt. and ms. v/s Steven Silubun. (Palmerheim). n/d ltr. in 65 ds. for an IN rpt. and SASE. (Clifford-CA).
- YEMEN, PEOPLES DEMOCRATIC REP: PDRYS 6005 p/d pink cd. in 60 ds. for 2 IRCs. v/s Abdulla N. Yeslam. (Burnell-ONT).
- YUGOSLAVIA: Radio Yugoslavia 9620 f/d "Beograd" cd. in 7 mo. for 2 IRCs. on my 3rd try. (Wood).
- ZAIRE: Radio Candip 5066 p/d "Logo" cd. in 70 ds. for a FR rpt. and 2 IRCs. (Cones-VA). p/d "Hut and Tower" cd. in 63 ds. for a FR rpt. and 2 IRCs. (Wilkins-CO). OZRT 15245 f/d ltr. in 120 ds. for a FR rpt. and 1 IRC. v/s Ayipam Muan-a-Ngo, Directeur des Programmes Radio. (Levison)
- ZIMBABWE: Zimbabwe Broadcasting Corporation 3396 f/d "Giant Map" cd. in 65 ds. for 2 IRCs. (Cones).

UZBEK SSR: Radio Tashkent 5945 f/d cd. in 82 ds. (Henschen-IN).

VENEZUELA: Radio Rumbos 9660 f/d "Santa Rosa" cd. in 96 ds. for a SP rpt. and 1 IRC. v/s Andres Serrano. (Lawrence). 9660 and 4970 6 f/d cds. in 5 wks. (Field). Radio Juventud 4900 cd. in 8 wks. (Craighead). Ecos del Torbes 4980 n/d "Map" cd. in 90 ds. for a SP rpt. and 2 IRCs. (Henschen) Radio Tachira 4830 n/d "San Cristobal Scenes" cd. in 23 ds. for a SP rpt. and 2 IRCs. v/s D. Gonzales.

NOTES: Jerry Hinton of Sherman, TX. has recently joined NASWA after a 3 year absence from the hobby. Thanks for contributing to the column. Keep the reports coming in...Sam. Peter Tutak says that the DXing conditions have been pretty poor lately. I have to agree with you Peter...Sam. Harold Cones says that his mailbox has rusted from lack of use! Thanks for the illustrations for the column. To answer your question there is actually a shortwave station in Uganda. They just reply in spurts...Sam. Ralph Bowden in Metone, CA. asks if there is a limit on the amount of items that can be sent to this column. The answer is no. We try to get all contributions in the column, if not this month then the next...Sam. Also received nice letters from Peter Dillon and John Meyer.

That's it for this month. Hope everyone continues to do a little DXing during the summer months as conditions can surprise you at times...

LA TARJETA DE VERIFICACION

EMISORA: RADIO NACIONAL DE MANAUS. FECHA: 18.02.85

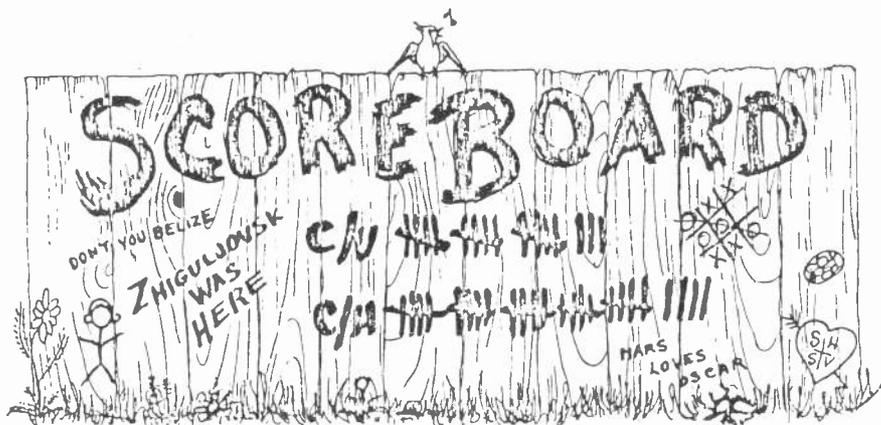
CONFIRMO EN SU SINTONIA DE NUESTRA RADIO NACIONAL OT - EN LA FRECUENCIA DE 4.845 KHZ EN LA BANDA DE 60 MTS. EN LA FECHA 20 DE SEPTIEMBRE DE 19 84 DESDE LAS 0514 HASTA LAS 0612 HORA DE MANAUS - AMAZONAS.

MUY ATENTAMENTE

FIRMA: p/ BUDDO MORTIZERO LIDA
AUXILIAR DE ESCRITORIO

738

Sam



JERRY A. LINEBACK, Editor
115 WROXTON
CONROE, TX 77304

JUNE 1985

Welcome to Scoreboard. This month the Spotlight is on Oceana. Remember that C/H = countries heard and C/V = countries verified. All counts are by the NASWA Radio Countries List and rules. Next deadline is 15 August for the September Scoreboard. The Spotlight will be on South America for that issue. If your name has been omitted from the list, it is because you have not updated your totals in the past year. To be re-instated, please send a card with your totals, even if there is no change. We invite all others to send in their totals for Scoreboard. Totals must be updated at least once a year.

Name, state	Total	Oceana	Best		Name, state	Total	Oceana	Best			
	C/H	C/V	C/H	C/V QSL		C/H	C/V	C/H	C/V QSL		
James Young, CA	230	220	19	19	Cook Is.	Jerry Lineback, TX	186	107	14	8	SIBS
John Tuchscherer, WI	229		19		Fiji	Stephen Leite, MA	185	158	11	10	Cook Is.
Sam Barto, CT	227	217				John Bryant, OK	182	141	18	18	Manus
Bob Padula, Austral.	223	217	19	19	Goroka	Harold Cones, VA	181	155			
Bryan Clark, NZ	219	203	19	18	VQ07	Del Fye, FL	181	152	15	11	Cook Is.
Al Sizer, CT	218	218	17	17	Cook Is.	Gordon Blom, NY	181	150	11	10	Cook Is.
Marlin Field, MI	218	217	18	18	R Kerema	Steven Lare, MI	180	133	14	12	R. E. Sepik
Jerry Berg, MA	218	216	17	17	Fiji	Hadley Cress, VA	180	8	9		
Tom Williamson, Ont.	217	202	15	15	Fiji	Nelson George, NC	177	140	14	13	Kiribati
Gerald Bishop, Phil.	214	182	18	17	Cook Is.	Walter Kunz, PA	177	102	13	10	
Nobuaki Takahashi, J.	214	179	17	16	Fiji	John Meyer, WI	175	130	16	12	Sorong
Tom Gavaras, MN	213	203	18	18	Kiribati	Christos Rigas, IL	174	147	12	10	Kiribati
Al Miller, OH	212	204	18	18	Fiji	Rick Krzemien, IL	174	134	13	10	Cook Is.
Terry Krueger, FL	212	139	12	8	SIBS	Ken Cobb, ME	172	127	12	9	Cook Is.
Victor Jaar, Que.	209	4	12			Bob McCoy,	174	85	15	4	E. N. Britai
William Flynn, CA	207	196	18	18	New Ireland	Michael Schmitz, FRG	171	136	7	6	Vanuatu
Larry Abraham, MI	206	191	17	17	Cook Is.	Don Hosmer, MI	169	127	14	11	Vanuatu
Robert Wilkner, FL	205	145			Kiribati	John R. Tow, AL	169	126			
Mike Nikolich, IL	203	159	18	14	Cook Is.	Morley Kirkland, Cnt.	158	152	11	10	Cook Is.
John Sgrulleta, NY	202	202	15	15	Cook Is.	Bob Streeter, NY	167	127	12	11	Cook Is.
Chris Lobdell, MA	202	199	15	15	Cook Is.	Pasquale V. DiBiase, ME	165	111	11	6	SIBS
Paul Buer, FL	202	187	17	16	Cook Is.	Norman Bobb, MN	161	1	14		
Brett Saylor, PA	202	119	18	10	Manus	Dan Miller, WI	160	23	15	4	Kiwi Radio
Henry Lazarus, LA	200	196	18	18	RRI Biak	David Jones, VA	159	137			
C. J. Orekar, CA	200	191	18	18	Tarawa	Tom Laskowski, IN	159	119			
Ron Howard, CA	184		17		Fiji	Dave Maxfield, MI	158	16			
Steve Reinstein, FL	200	156	18	7	New Ireland	Baxter Hensley, TX	156	141	14	13	Cook Is.
Vladimir Cucura, PA	200	107				Ray Forsgren, WI	155	91	17	11	W. Highlands
Terry Palmersheim, MN	196	162	12	10	Cook Is.	Gayle Van Horn, TX	154	116	13	8	Cook Is.
C. Vernon Hyson, NC	192	174	14	13	Noumea	Charles R. Foxx, Jr., VA	153	129	14	13	SIBS
Robert J. Vance, FRG	192	174	15	14	New Ireland	Scott Warner, SC	153	120	13	9	Noumea
Richard Davis, CA	190	173	18	17	Cook Is.	Austin Kelly, IL	152	121	10	10	Cook Is.
Troy Gower, IL	190	167	13	11	RRI Sorong	Peter Tutak, NJ	151	111	9	8	SIBS
Henry Ward, Que.	190	167	14	10	Fiji	Ken Loh, CA	147	109	11	9	
David Swaringen, NC	189	160	13	12	Vanuatu	Nolan Stephany, NY	145	127	11	10	Cook Is.
Mike Hardester, CA	186	172	17	17	Fiji	Sheryl Paszkiewicz, WI	146	119	12	9	Manus

Name, state	Total C/H	Oceana C/V	Best C/V	QSL	Name, state	Total C/H	Oceana C/V	Best C/V	QSL
George Link, CA	143	111			Harold Levison, PA	101	61		
William Plum, NJ	142	105	6	4 SIBS	Bill Thim, CT	100	74	5	4 RNZ
Robert L. Woods, VA	136	43	6	2 Guam	Peter Giacomelli, NY	98	86	5	4 Tahiti
Greg Hart, FL	134	75	9	7 Tahiti	Ichiro Maruo, Japan	96	77		
John Mosman, IL	132	96	9	7 Solomon	Jean-Pierre Caravan, PA	90	58	4	4 Tahiti
James Smallwood, FRG	131	106			Richard Cassidy, IN	89	72	9	9 SIBS
Boris Benkovich, BC	130	82	11	8 Vanuatu	Ed Dye, AR	88	59		
Jerry L. Green, TN	124	91	7	7 SIBS	Allan Schlaugat, WI	79	59	7	5 SIBS
Gene Purdum, MI	123	84	10	5 RNZ	Rob Sobkowiak, IL	77	57		
Peter M. Dillon, MD	123	80	8	5	Ronald Purdue, MN	77	43	10	2 Australia
Tom Daly, NY	122	30	6	1 Australia	Paul R. Coombs, Nfld.	76	47		
Jim Renfrew, NY	119	40	3	2 ABC	Andrew Wertheimer, MN	76	41	6	2 VLW9, Aust.
Dale Park, HI	115	35	14	3 RNZ	Ted Gurley, TX	74	46		
Fr. John C. Eckert, PA	114	17	9		E. M. Church, VT	70	47		
Bob Gunderson, MN	113	62	8	5 SIBS	Pedro Hazel, NY	57	5		
Keiichi Kondo, Japan	111	73	11	6 SIBS	David Fodge, IA	54	43		
Joe Talbot, Alberta	105	89	13	11 VJY Darwin	Joe Freeborn, ND	53	43		
Joe Polchlopek, VA	104	71	11	8 SIBS	Norman Drew, BC	51	32	5	2
Joe Kremer, SC	104	53	8	4 RNZ	Mike Magick, AZ	50	37	6	5 SIBS
Louis Sica, Jr., NJ	104	35	6	3 WVVH	Robert Tomko, NJ	48	38		
Sam Sanchez, CA	104	1	10						

Thanks to all our contributors. Please send your totals to Scoreboard for the next quarter. Remember the due date is 15 August for the September Scoreboard and the Spotlight will be on South America.

73s 

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: Mint 1964 Hammarlund HQ-180 with KRS digital readout. In great shape. Best reasonable offer gets it. Mike Nikolich, 2137 West Farwell Avenue, Chicago, IL 60645. Phone (312) 761-0470 evenings.

FOR SALE: Sony ICR-4800 pocket SW receiver with case. Like new, only \$29.00. MFJ World Explorer II (MFJ-308) car radio SW converter. Covers 13-16-19-25-31-41-48-60 meter bands, \$36.00. Steve Handler, P.O. Box 1596, Northbrook, IL 60065. Phone (312) 272-5115 days.

FOR SALE: ICOM IRC-70 in mint condition at a give-away price, \$375.00. Larry Albert, P.O. Box 83, Chestnut Hill, MA 02167. (617) 254-6398.

FOR SALE: Hammarlund HQ-180AC with KRS digital display, RME-DB22A preselector, Heathkit QF-1 pre-amp. \$175.00 plus shipping. Collector's Bonanza: WRTH 59, 69, 69 Summer supplement, 70, 71, 73, 77, 78, 79, 80, and 81. \$55.00 plus shipping. Serge Peter Neuman, 704 Jamestown Drive, Gulf Breeze, FL 32561. (904) 932-5524.

NOTICE: Anyone interested in forming a Denver Metro Area Shortwave Club please contact Larry Joe Hiatt, 6100 Olde Wadsworth Bldg. #21, Arvada, CO 80003-5355 or call (303) 431-7648.

FOR SALE: Heath SB-310 SWBC receiver (more or less equivalent to Collin "S" line 7551), \$125.00 plus UPS. Ameco PCL-P pre-amp, \$55.00. MFJ-1020 active antenna, \$55.00. MFJ-950 receiving antenna tuner, \$45.00. \$45.00. Wiltek 108 receiver multicoupler. Use this when you want to feed one antenna to eight receivers. Covers 2 to 40 MHz. Uses BNC connectors. I use this to feed output of McKay Dymek active antenna to several receivers. Price \$65.00. M.J. Stutterheim, 510 Main Street, Roosevelt Island, NY 10044. Phone (516) 668-5757 weekends only.

update

June 1985***Number 186

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

UPCOMING DEADLINES: 20 June (July) 10 July (Mid-July) 20 July (August)

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Two special reports this month, one from our friend Hitoshi Miyashita in Japan, and the other from friend Richard Wood, still basking on the big island. First to Hitoshi:

AFGHANISTAN RA, 19640 usb, -0730-4-21 fair in Dari. Probably the feeder from the USSR xmtr. Heard at the shack of Mr. Nobuaki Takahashi. Not heard later at my own shack. Irregular or due to my poor antenna? Hi.

BANGLADESH RB, 7195v, (*1100?)-1700+. Bengali/EG. Home service, possible QSY from 4789? fair to good signal but always with low modulation. Noted here from mid-April. Heard on 7193v at 1100a then drifting higher minute by minute.

CHINA Hunan (or Henan) provincial meteorology station, 10945u, *0900-0915*, good in CH. Unknown opening and closing mx and weather reports by W of about 10 minutes. First noted here 4-25.

INDIA AIR, 6145, 1900-1910 poor in AR. // 3905, 9912. 4-18.

INDONESIA Jakarta on 11865, ex 11815, is suspended from late April.

--Pontianak, 3995.3 on 5-6, to 1600* in late April. Ex-1500*.

--Corrections on Indos: 2472.1 UnID=Purwokerto, 2901.0 Jakarta=Mataram. Both not

IDed yet but the reports on a recent ADXN must be right.

PAKISTAN RP: 7290.6 Islamabad HS 1100-1200* poor in Urdu in early May. 7315, Foreign Service -1735- poor in Persian 4-17. // 6071.4. 9645 Link Service, -1700- fair in EG nx 1700 on 4-18.

Clandestines

IRAN Vo Iranian Communist Party, found on 3860V new frequency, *1730-1900* in late April. Accompanied by Iranian jammer. My suspicion is that this is replaced by "Vo Fedai" on 3941 would be wrong. (At least VoFedai has not been heard with discernible signal recently.) B'cast time is extended now. No parallel found yet.

UnID *1430(?)-1630* in Persian/vern on 3860v. Another one noted from the same xmtr as "VoCPI" above. Have not gotten clear ID yet because of time, but it sounded like "Seda-ye Enghelab-e(?) Iran." If so this one is the Vothe Iranian Revolution. (ID above is heard 1530 4-30, after International.)

Vo Mujahedin Khalgh, *1700- in Persian in May. 5960//4300v//3500v. Seems no xmas around 1400-1600 now.

IRAQ At check -1600- 5-7, Vo Masses heard on 7120 (//6090.1) and 7290. Not the same prgms, tentative the former for home service and the latter for Foreign Service. VoM for FS formerly relayed HS nx but now b'casts original(?) nx since several months ago. Kurdish on 6100 is *1630 on 5-7 then seems to relay VoM HS but not sure. Very poor and reminds me of the poor signal of days gone by.

SYRIA On 7455 in May good in AR *1500+. Many "beginner-confusing" prgms. VoPalestine 1530-1630, VoIraq, 1700-1800, and VoArab Egypt, 1830-1930. It would be a good idea to call this the "Voice of the Department Store of Middle Eastern problems!!!" Hi.

Many thanks as always, Hitoshi.

Richard Wood in Hawaii sends another interesting report:

BOLIVIA R. Illimani, 6025, in SP 0300 with aeriou prgm on nutrition; good 4-26.

--R. Panamericana, 6105 (WRTH 1985 lists 6106), also SP 0300 with serious nx and commentary 4-30. IDs as "R. Panamericana, La Paz, Bolivia, America del Sur. 6105 kHz, banda internacional de 49 metros, onda corta. 580 kHz onda larga, y 97 MHz frecuencia modulada."

BRAZIL Radiobras, 11955, EG to Europe *1800-1850*, is clear after BBC Singapore 11955 1830*. Coverage of President Elect T. Neves' funeral. (4-27)

CLANDESTINE V. of the Mujahed of Iran, 5960, full ID in Farsi 0400, listing sked, times of nxcasts. ID as "Seda-ye Mujahed e Iran" or sometimes, "Seda-ye Mujahedeen e Iran." The jamming which disturbs RCI's EG to NAmerica till 0400* is apparent Iranian jamming against this, probably Iraq-based stn. Previously reported to UD on 15035 and I still haven't seen this stn reported by anyone else.

(5-1)

FINLAND R. Finland, 9560, in Finnish *0455 IS, 0500 ID. New time and freq not in 1985 WRTH. (4-26)

GUAM KTRW, 11855, 2200 CH ID and IS. Good (4-28)

IRAN VoIRI appears to have increased the number of SW transmitters. New 6175, 7155 and 7175 all noted // in Farsi 0300 w/ time ticks, IS, and inaccurate clock chimes near but not on the hour; into Farsi current affairs prgm. 6175 almost equalled BBC Antigua in strength. During a transmitted break on Antigua at 0430, VoIRI was heard briefly in AR. (5-11)

NORWAY RNI, *210, *0555 NO/EG ID, 0600 into NO nx. Good. (4-26) ***NO news is good news? Sorry. Very sorry. tba

SOMALIA R. Mogadishu, 7200, in AR 0400; ID "Muha Muqdishu, Sawt ul Jumuhuriyat al Dhimuqr-atiyat al Somalia," into nx. This Ar nxcast is well-established, but not listed in 1985 WRTH. (4-26)

TAIWAN BBC Taipei, 6180, in CH 1700; British-style march, ID, nx; is to Chinese mainland and still jammed. Transmitter seems to be directional. This was a loud regular in Saudi Arabia, not so common in Hawaii. (4-26)

USSR R. Tikhii Okean, 17720//17850, 17860, in EG nx, commentary 0745-53, then back into RS. ID at end, "You were listening to the R. Tikhii Okean in Vladivostok, USSR." Names of announcers were given. Distinct RS accents in their EG. 17720 best, 17850 and 17860 spoiled by the Soviets' own jammers. (5-4, a Saturday)

--Vatandosh Radiostantsiya (Compatriot R.), 7145, in Uzbek, till s/off 0259*; listed sked. When Tashkent left, R. Polonia revealed on freq. (5-11)

Another fine edition from two faithful contributors. Hope to see your material here next time.

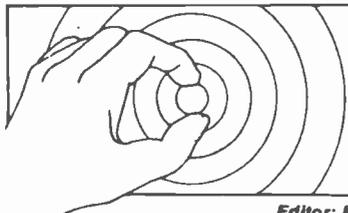
Best 73: *TBA*

ADDX - Pen-Pal Service
=====

As we told you already in December - ADDX e.V. has found a new service - the ADDX-Pen-Pal Service. We know, DXers from North America and the Far East love to write letters. But we haven't got inquiries from these areas until yet. Many of our members like to correspond with DXers from these countries, because they have a nice contact to these broadcasting stations and want to change their experiences with friends in other countries. Your wishes for pen-friends will be forwarded from our member DM Björn Gehrs. If you are looking for a pen-friend, don't hesitate to write him your requests. You have to tell him the age and sex, which your friend should have, the language you can write in, your hobbies and of course the country or continent where your friend should come from. Tell DM Björn Gehrs especially, if you want pen-friends from Germany and don't forget to enclose the postage fee.

Everybody who is interested in our new service should write to DM Björn Gehrs, Lerchenweg 18, D-3031 Buchholz/Aller, Federal Republic of Germany.

Please, support our new service and publish or broadcast our press-release information at your station and in your bulletin.
It will be an advantage for all the DXers. Thank you.



LOG REPORT

section A

2000 to 4899 kHz

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

- 3215 VENEZUELA, R. Ondas Panamericanas; presumed at 1045 w/DM in SP, no ID heard, very weak signal (Bolland, FL 4/23)
- 3238.5 UNID, SP at 1031, DM and YL w/mx, by 1039, noise drowned signal out... (Bolland 4/26)
- 3240 PERU, R. America; 1050, SP, DM w/LAm mx, IDs, tx and SFX, fair signal but fading (Bobb 4/16)
- 3250 HONDURAS, R. Luz y Vida; 0249, EG/SP, EG ID on hour, including Box 303 address for reports, into EG relig. px (D'Angelo, PA 4/28); 0116, children's songs, EG (Feeley 4/21) 0325-0401s, EG, "The Bible Hour" w/DM into sermon (Jordan)
- 3270 NAMIBIA, RSNA; 0200, AK, wide variety of mx, ID by DM at 0200, then back to mx, //3295 but weaker (Dillon, MD 4/12)
- 3280 ECUADOR, La Voz del Napo; 1048, SP, DM w/ID and fanciful guitar mx, other songs, too (Bobb 4/14)
- 3285 BELIZE, RB; 0100, EG, nx about El Salvador elections, Reagan and other tidbits (Dickson 4/3); 0300, EG, world nx at 0300, speech by gov't official (Robertson, CA 4/16)##Welcome to the column! mln.
- 3295 NAMIBIA, RSNA; 0100, lots of mx ("Me and Bobby McGee," "I Could Have Danced All Nite", etc.) w/few anats, ID as RSNA, good signal (Gavaras, MN); 2320, EZL inst., some vocals, including an Elvis selection (D'Angelo, PA 4/21); EZL at 0310, fair lvl (Gillis, 4/21); 2330, EZL mx (Green 5/5)
- 3300 GUATEMALA, R. Cultural; 0140, SP, accordian and piano mx, DM DJ, TC, "Aqui, Guatemala" at 0145 (Dillon 4/12); 1040, DM w/relg tx and songs (Bobb 4/17)
- 3315 PAPUA/NEW GUINEA, R. Manus; 0958, DM and YL w/tx until 1000, then YL nx, DM back at 1005 w/mx (Bolland 4/19)
- 3320 N. KOREA, Pyongyang; 1058, KR, DM and YL w/mx and tx, time ticks on the hour (Bolland 4/21)
- 3335 PAPUA/NEW GUINEA, R. East Sepik; 1011, EG YL w/tx until 1040, then DM w/mx (Bolland 4/19)
- 3344.8 INDONESIA, RRI/Ternate; 0953, lang w/YL tx and mx, very weak signal here (Bolland 5/6)
- 3381 ECUADOR, R. Iris; 1020, SP DM, ads, TCs for -5 GMT, mx w/DM interference, TC and ID (Bolland 4/23)
- 3385 INDONESIA, RRI/Kupang; 1049, IN DM, singing until hour, then ID and nx until 1115 (Bolland 4/19)
- 3385 SARAWAK, R. Miri; 1000, px in Iban lang, heard a good mx px (Bowden 4/6)
- 3385 NEW BRITAIN, RENB; 1140, lang, nx, mention of NB, choral mx, tx and ID (Paszkiwicz 4/20)
- 3910 JAPAN, FEN/Tokyo; 0930, EG nx, armed forces anncrs w/tx about record industry, pop mx played (Bowden 4/2)
- 3925 JAPAN, NSB; DM and YL w/tx and mx at 1027 (Bolland 4/23)
- 3930 TRANSKEI, Capital Radio; 0400, EG, nx, IDs, cigarette ads, pop mx, mx, TC, contest (Paszkiwicz, WI 4/23)
- 3931 CAPE VERDE, R. Voz de Sao Vicente; 2325, PT, nx by DM, mention of Praia, Beirut, fair sig (Hill, MA 4/9); 2335, tx and nice PT mx, NA at 2358, s/off (Alexander, PA 5/1); 0000, 1 minute of lcl mx into closing anats (Gavaras, MN); 2315, slow ballads, tent ID at 2315 (Daley 5/4)
- 3958 FALKLAND ISLANDS, FIBS; FIBS; 0908, EG, good signal w/TCs, mentions of Stanley, pop mx, mention of upcoming documentary about Ethiopia, nx at 1000 (Alexander 4/7); 00316, fast-

paced mx px, s/off 0522 (Gillis, 4/21)##I just returned from a vacation in Bermuda. While there, I thought I had FIBS in E6 w/BBC nx at 2300. The signal was very fluttery, but I managed to stabilize it by tuning it in on my CR-2021 in sideband. The BBC nx ended abruptly at 2315 and the station immediately left the air. I was puzzled, but convinced I heard FIBS. Then I realized that BBC has an E6 xmtn on 3955 and what I was hearing was splatter from that frequency. There is no real point to this story, but it only illustrates how important that elusive ID is, I guess. mln.

3995 WEST GERMANY, DM; 2345, 6R, vocals and inst. mx (Green 5/5)

4000 CAMERODN, R. Bafoussam; 2258, FR, lcl mx til 2304, then s/off anmts and NA, very good signal -- no ARDs (Daly 5/4)

4750 MANCHURIA, Hailan; presumed, 2350, CH mx w/tx and time ticks on the hour, followed by radio drama (Bolland 4/10)

4752 MONGOLIA, Ulgi; 1330, Mongolian px, rather poor quality, some excellent lcl mx hrd (Bowden 4/5)

4752.6 SULAWESI, RRI/Ujung Pandang; 0957, YL tx followed by Koran mx, usual morning format noted before on 4719.5. Wonder what they're doing here this AM. Thought this was for afternoon bcst only. (Bolland 5/7) ## I usually hear them in the AMs in Chicago...mln.

4755 PERU, R. Huanta; 1038, SP, OM tx, mx (Bolland 4/20)

4760 LIBERIA, ELWA; 2215, E6, OM tx and relg mx w/closing comments and NA (Bolland 4/17); 2205, E6, "Prayer request," gave QTH and ID, VOA nx (Dillon 4/17)

4765 CUBA, Mayak Relay; 0120, RS, classical mx, R. Moscow IS at 0130, then Mayak ID, OM tx (Dillon 4/22); 2326, mx and nx, followed by commentary (Hawk); 0355, RS, choral works by young male group, YL w/ID and nmts, possible nx at 0400, at 0410, polka and Euro mx (Jordan 5/1)

4770 UNID; after Nigeria goes off the air, I hrd someone in FR -- too weak to copy any ID, 2301-2311 (Bolland 4/18)

4770 NIGERIA, FRNC/Kaduna; 2205, E6, nx and sx by OM, ID as R. Nigeria/Kaduna, into disco mx (Dillon 4/17)

4777 GABON, RTVG/Libreville; 2340, FR, lcl pop and EZL mx w/occasional anmts in FR by OM, good signal (Daly 5/4)

4780 VENEZUELA, LV de Carabobo; 0355, SP, caught s/off anmts w/full ID, NA (Dillon 4/27)

4783 MALI, RM; 2331, FR OM w/mx and some tx, too much QRM (Bolland 4/17); 2312, FR w/lots of mx, including some Michael Jackson, //5995 (Gavaras); 2344, lcl pop mx, occasional CW QRM (Daly 5/4)

4785t COLOMBIA, Ecos del Conbeisa; 0135, SP, Super Radio nx, correspondent's report, 0200, ruined ID (Dillon 4/22)

4790 PERU, R. Atlantida; 0021, SP, anmts preceded by "attencion, R. Atlantida..." chimes at 0028 (D'Angelo 4/22); 1020, SP OM w/IDs and mx, part of Onward Christian Soldiers (Bobb 4/17)

4795 CAMERODN, R. Douala; 2236, FR, piano mx, good signal until ID at 2305, NA (Daly 5/5); 2157, FR OM w/mx until the hour, than possible IS (Bolland 5/1)

4796.6 BOLIVIA, R. Nueva America; 1046, SP YL w/mx and tx, het ruined signal (Bolland 4/20)

4800 ECUADOR, R. Popular; 2347, Huaynos mx and OM tx, on the hour, OM gave ID w/reverb (Bolland 4/17); 0215, EZL mx, nx, more mx and TCs (Dickson 4/9)

4800t LESOTHO, RL; 0300, AF lang, tx by OM, possible speech or sermon, strong signal, but lang difficult to understand (Dickson 4/5); 0507, E6, Afro nx, commentary on role of women, power outage mentioned, too (Feeley 4/20)

4803.7 BOLIVIA, R. Santa Ana; 0001, SP OM w/nx, very poor signal (Bolland 4/18)

4805 BRAZIL, R. Itatiaia; 0015, PT, EZL PT mx, long jingle at 0022, IDs by OM, stn slogan at 0027, fairly decent Brazilian opening w/A Index at 30, others noted on 4885, 4905 (2), 4955, 4965, 4985, as well as in 49/31/25 meters (Valco 4/21)

4810 GABON, Africa No. 1; 2105, FR, highlife mx, OM DJ, clear ID, f/in at 2105 (Dillon 4/27)

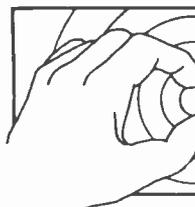
4810.2 PERU, R. San Martin; 1053, SP OM w/mx, OM tx and ID (Bolland 4/20)

4820 BOTSWANA, RB; 0349, cowbell IS (Vadino, WA 4/1)

- 4820 HONDURAS, HRVC; 0040, SP, "Hallelujah" song, into relig tx by OM at 0045, ID at 0100 (Dillon 4/17)
- 4830 VENEZUELA, R. Tachira; 0125, SP, ads at 0130 followed by ID, LAm ballads, OM DJ, GRM de Relo; (Dillon 4/18); 0130, SP, swingin' LA mx, TCs (Dickson 5/5); 0223 (Feeley 4/7)
- 4832 COSTA RICA, R. Relo; 0925, SP, OM w/IDs, pleasant mx, TCs (Bobb, 4/14); 0145, interview w/OM, several IDs, TCs, mentioning many names and a phone number (Dillon 4/18)
- 4835 SOUTH AFRICA, SABC; 0440, EG, Strauss waltz px, OM w/tx about WWII events (Witte, CA 4/29)
- 4845 BRAZIL, R. Nacional de Manaus; 0140, PT, pop mx, OM DJ w/mention of amazonia and manaus, then ID (Dillon 4/19); 0855, PT, Brazilian mx, ID (Alexander 4/7); 0921, full ID but missed most of text, ads on the half hour (Bolland 5/3)
- 4845 MAURITANIA, RNM; 2135, fading in w/OM tx, lcl string and drum mx, Koran (Dillon 4/27); 2355, Koran (Hawk)
- 4850 CAMEROON, R. Yaounde; 2235, FR/EG, disco and highlife mx, OM and YL IDs (Dillon 4/27); 2218, FR OM w/possible nx px, 2222, ID and mxx (Bolland 5/1)
- 4850 COSTA RICA, R. Columbia; 1125, SP, OM and YL w/tx, IDs and nx about CAa (Bobb 4/16); 0120, SP, OM and YL tx, the R. Columbia song, ad for electronics store (Dillon 4/23)
- 4855 BRAZIL, R. Por um Mundo Melhor; presumed at 0945 w/tx by OM in PT, some mx (Bolland 5/7)
- 4865 COLOMBIA, LV de Cinaruco; 0135, LAm pop mx, mention of Columbia and Cinaruco (Dillon 4/23)
- 4875 BRAZIL, R. Nac. de Boa Vista; 0937, PT, OM, tx w/mx, some GRM de Colombia... (Bolland 5/7)
- 4875 BRAZIL, R. Jornal do Brazil; PT, US pop mx, including "We Are the World," plus mx by Lionel Richie and Stevie Wonder...EZL PT ballads, GRM de R. Super on 4875.7, also hrd following night at 0010-0200 w/ID (Alexander 4/20)
- 4884.8 ANGOLA, ER do Zaire; 2221, Vern and PT highlife mx and OM tx, 2245, possible nx px in Vern, 2258, OM tx again in PT w/closing ID as "Bon dia...tango provinciale do Zaire...transmite...da R. Nacional de Angola..." Excuse my spelling! Hrd nightly from 5/1 (Bolland)
- 4885 BRAZIL, R. Clube de Para; 0910, PT OM w/tx about family life, 0912, telephone interview w/listener and ID as "RC de Para," (Bolland 5/3)
- 4890 ECUADOR, R. Centinela del Sur; 0430, 20 minutes of mx w/adult contemporary tunes, MoR and other favorites, interviews and ID later (Jordan 4/26); 0130, latin and some US pop, ads w/references to Quito (Dillon 4/28)
- 4890 SENEGAL, RS; 2346, FR, lively pop mx, excellent signal (Daly 5/4)
- 4895 BRAZIL, R. Manaus; 0953, PT OM w/tx and mx, much GRM on freq, but managed full ID at 1003 (Bolland 5/1)

73,

Mulu



LOG REPORT

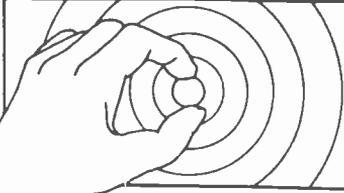
section B

4900 to 6199 kHz

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

- 4904 CHAD N'd'amena, celeste-type at 0358 4-21, martial mx, children's chorus, FF armts, into nice guitar mx, fair signal (Witte-CA); mx 0500 4-26, man anncr, ID, into hi-life mx, mentions of R.Chad noted; tribal mx later, Afr nx 0520; poor signal (Jordan).
- 4905 BRAZIL R. Araguaia, ads, pops, 0125 4-26, IDs (Dickson); pops, man DJ, 0210 4-28, clear ID 0215, hvy QRN (Dillon-MD); PT talk 0923 5-7, mx 0928, Radiobras ID, fair(Bolland-FL).
- 4910 ECUADOR Em.Gran Colombia, Quito ads 0147 4-23, "Shaft" theme, ID, LA mx, fair (Dillon-MD); world nx 0240 4-9, armts, loud and clear, lots of OAs and HCs this nite (Dickson).
- 4910 GUINEA Conakry, FR man talking 2350, long speech, good but some CW QRN (Daly-NY).
- 4910 ZAMBIA Lusaka, EG ID 0455 4-29, flutes, into nx but hvy QRN, fair overall (Witte-CA).
- 4915 BRAZIL R. Anhanguera, EZL mx 0220 4-28, ID 0233, ads, TCs, strong (Dickson); 0230 4-28 IDs, pops, fair sig (Dillon-MD); strong 0550 4-13, pops, several IDs (Nikolich-IL).
- 4915 KENYA Nairobi, in EG 0300, talks and nx about Kenya (Walker).
- 4920 AUSTRALIA Brisbane, band mx 1055 4-27, TC, ABC wrld nx 1100, old musicale (Dillon-MD).
- 4920 ECUADOR R. Quito, EZL mx 0045 4-26 (Dickson); ads 0125 4-26, LA mx, IDs (Dillon-MD).
- 4930 HAITI 4VEH, FR wrld nx 0211 4-27, mx 0215, Creole nx, ID, FR agn 0230 (Dillon-MD).
- 4945 BOLIVIA R. Illimani, fair 0947 5-6, mx, //6025, and btr; usually can get Brazil, Colombia and Bolivia on this fqy, so 6025 helpful in picking out the CP (Bolland-FL).
- 4945 COLOMBIA Caracol.Neiva, live sports 0231 4-27, HJ mentions, Caracol (Dillon-MD).
- 4950 CLANDESTINE R. 15 de Septiembre, ID 1200 4-13, rebel rhetoric, fair sig (Bolland-FL).
- 4954.6 BRAZIL R. Cultura, talking 0941 5-1, poor, seemed two different men (Bolland-FL).
- 4960 CHINA R. Beijing, 1121-1130 4-23, poor in Japanese, //6955, mx, gal talking (Bolland-FL).
- 4965 BRAZIL R. Poti, pops, EZL mx 0015 4-29, ID 0027, talk, more mx, ute QRN (Dillon-MD); *0856, light mx, opening armt with ID; also hrd 0302* recently (Alexander-PA).
- 4970 VENEZUELA R. Rumbos, door bell TC 0250 4-27, ID, LA pops, fair signal (Dillon-MD).
- 4980 VENEZUELA Ecos del Torbes, 0024 4-30, SP mx, Chevy ads, nx summary, banco ad (D'Angelo-PA); 0150 5-5 "folky" LA mx, oldies, good sig (Dickson); 0305 4-27 Tachira political event, TC, ID (Dillon-MD); fair 0905 4-8, IDs, talk, mx, fair signal (Bobb-MN).
- 4985 BRAZIL R.Br.Central, mx prgm 0118 on 4-20, no ID hrd (Field-MI).
- 4990 VENEZUELA R. Barquisimeto, LA mx 0245 4-27 (Dickson); 0320 4-27, TC, ID, US pops(Dillon).
- 4990 PERU R. Ancaash, actually 4990.7, mx 0957 4-21, huaynos, TCs, ads, poor sig (Bolland-FL).
- 4996 PERU R. Andina, fair 0931 5-6, TC, ID; also nx 1032 4-22, poor (Bolland-FL).
- 5004 EQUATORIAL GUINEA Bata, mx 2145 4-14, NA 2201*, weak (Hill-MA); tent. them 2100 4-28, R.Nacl ID, SP talk, Afro mx, but tough copy, very poor; fits, though (Dillon-MD).
- 5006 SURINAM R. Apintie, poor in QRN, talk, EZL mx, drum IS, NA to 0400* 4-13 (Alexander-PA).
- 5015 CLANDESTINE R. Truth, bird IS 0430 4-23, nx by gal, het and RTTY (Paszkiwicz).
- 5020 PERU R. Eco, excited DJ 0330 4-15, IDs, later lottery results on phone (Nikolich-IL).
- 5020 SOLOMON ISLANDS Honiara, EG and Pidgin, 0818 4-7, lstrn messages, TCs, EG ID 0900 (Feeley); local mx 0858 4-7, nx 0900, early as 0715 (Alexander-PA); 1112 4-20 (Bolland-FL).
- 5020 UNID. Mx 0310 4-19, believed SP (maybe PT), little talk; gone after 0400 (Field-MI).
- 5020 VENEZUELA R. Nacional, vocals 2340 4-22, many mentions of Venez, ID 0010, pretty good signal, def. more than listed 1 kw (D'Angelo-PA); ID, talk, 0000 4-18 (Bobb-MN); rock mx 0110 4-30, nx 0100, fair sig (Dickson); exc 0158, "Mx Latina" prgm, IDs (Krueger-FL).
- 5025 CUBA R. Rebelde, M&W anncrs 1107 4-27, TCs, cmtry, nx, ID, LA mx, nx on El Salvador, fair (Dillon-MD); tent. 1029 4-17, mx, talk, 3 pips, nx theme, TC, Cuba mentions (Park-HI).
- 5030 PERU R. Los Andes, mx followed by ads 1025 4-21, full ID 1031, fair sig 4-21 (Bolland-FL).
- 5035 CENT.AFR.REP. Bangui, in FR 2239 on 5-5, local mx, poor signal (Daly-NY).
- 5039 ECUADOR LV del Upano, 2333-0121 on 4-30/5-1, good sig, full ID, radio drama, many features and many IDs; begins to fade arnd 0100; strong, but first time hrd (Bolland-FL).
- 5040 VENEZUELA R. Maturin, 1043-1050 on 4-22, talking, canned ID by gal, poor (Bolland-FL).
- 5045 BRAZIL R. Cultura do Para, EG ID 0208 5-5, req.for ltrs, into PT mx, strong but QRN (Dickson); 0300 4-3, ID, theme, 2001 Theme, s/off (Paszkiwicz); 0901 on 5-3, fair with talk, nx, messages, ID 0915 (Bolland-FL).
- 5047 TOGO Lome, 0525 4-1, IS, NA, talking, weak signal (Vadino-WA).
- 5055 COSTA RICA TIFC, poor in EG 0330 5-1, relig.mx, ID, inspirational talk; weak, QRN (Jordan)
- 5055 ECUADOR R. Catolica Nacional, SP religious prgm 0145 4-1 (Hawk); Quito nx in SP at 1130 4-27, TIFC co-channel QRN; TCs, guitar mx, poor signal (Dillon-MD).
- 5095 COLOMBIA R. Sutatenza, in SP 0155 4-1, nx, cmtry program (Hawk); M&W talking at 0335 4-27, clas.mx interludes, ID 0355, CW QRN (Dillon-MD); LA nx 0116 4-22 (Feeley).
- 5199 PERU R. Imagen, Tarapoto, hrd 1st 4-11 0216-0520*, ex-5444, usual prgmng (Krueger-FL).
- 5910 BELGIUM BRT, EG cmtry 0034 4-6, talk on politics, food, medical industry (Levison).

- 5954 COSTA RICA R. Casino, in EG 0538-0600* 4-17, US rock mx, ID, MoR mx, good signal (Trotto-FL); also in EG on Sunday 4-21, 1327-1340, local obits, messages, SP ID 1330, back to EG canned religious prgm; Zinica's EG relig.prgm also hrd at 1330*, 6120(Krueger-FL)
- 5965 BRAZIL R. Gualba, 0930-1000 4-7, vocals, instr.mx, ID, fair-good (Bobb-MN).
- 5970 SPAIN Madrid, talk in SP 0240, ID 0250, interviews, mx 0300, good (Dillon-MD).
- 5975 COLOMBIA R. Macarena, football rvw 2346 4-21, nx, ID on hr, into vocals (D'Angelo-PA).
- 5975 ENGLAND BBC W5, 0200 4-13, ID, nx, //6120, 6175(Dillon-MD); also in EG 0315, talk on coup in Sudan, many IDs, fair in QRN (Mayer-PA).
- 5980 SIERRA LEONE Freetown, pop mx 2344 4-13, birthday wishes, requests, weekly feature it seemed; ID, s/off armts, returning 6:00 am local time; killed by WYFR 2358 (D'Angelo-PA).
- 5980 TAIWAN Voice of Asia, IG 1118-1200 4-13, DJ, TCs, IDs, US pops, into Asian language prgm with DJ; have been trying for this one for some time (Nikolich-IL).
- 5985 BOLIVIA R. San Jose, huaynos 1019 5-1 under Eur stn, poor and presumed them(Bolland-FL).
- 5995 MALI Bamako, in vernac. at 2235, Afr mx, good sig, //4783 (Swaringen-NC).
- 6005 CANADA CFCX-Montreal, CFCF ID 1359 4-26, fair-to-good, "the talk of the town" stn (Berg-Andersson-NY); baseball 2015 4-28, CFCX ID over game, fair sig (Dillon-MD).
- 6010 PERU R. America, CA mx 0730 4-14, ID (Nikolich-IL); "R. 1010" ID 0951, good 4-15(Valko).
- 6015 NICARAGUA Voice of Nicaragua, *2249 4-21, IS, EG/SP IDs, into SP comml prgms, nx (D'Angelo-PA); EG nx 0105 4-26, SP until 0105 (Dickson); 0157 5-1, IS, EG ID, into SP prgm REA QRM (Hinnon); SP talk by gal 0340 4-20, SP ID, "una voz libre en America"(Dillon-MD)
- 6020 HOLLAND R. Netherlands, EG "Happy Stn" 0130 4-15, "DJ" by "R" Wed 0210 (Dillon-MD).
- 6020 USA VOA, FR 0515 4-17, "Sound of Soul," ID, good signal (Trotto-FL).
- 6025 BOLIVIA R. Illimani, canned ID 0931 5-2, Andean mx, //4945 (Bolland-FL); 0033 5-1 with IS, possible ID, pops (Bobb-MN); flutes 0355 4-20, ID, 0400*, poor sig (Dillon-MD).
- 6025 HUNGARY Budapest, EG 0300-0313* 4-13, IS, ID, DX prgm, fair in QRN (Mayer-PA).
- 6025 NIGERIA Enugu, good 2245-2301 4-24, Ju-Ju, reggae, C&W, 6 tones, EG ID, nx (Krueger-FL).
- 6030 USA AFRTS, "Mutual Nx" 1125 4-20, ID, ment.college credits in svc, ABC nx(Dillon-MD).
- 6040 USA VOA-Dixon, SP ID 1131 4-24, world nx, good signal (Dillon-MD).
- 6045 LIBERIA VOA, Afr mx 2240 4-21, ID, nx summary, ads, flute IS, 2300*(Mayer-PA). Huh? JB.
- 6050 ECUADOR HCJB, "La Hora Cristiana" 0150 4-21, ID, pips, TC, HCJB ID, nx, SP(Dillon-MD).
- 6055 BRAZIL R.Nacl de Amazonas, IS 0755 4-12, mx, voiceover ID, promos, P-F in PT (Park-HI).
- 6060 AUSTRALIA RA, good with nx 1600, "Talkback," //5995, 6080, good 4-27 (Park-HI).
- 6065 BRAZIL R.Nacl de Amazonas, ZY vocals 2240 4-27, ID 2300, 2331, good sig (D'Angelo-PA).
- 6065 CANADA CBC NQSW Svc, C&W mx 1215 4-20, talk abt snow geese, good sig (Dillon-MD).
- 6065 USA VoFC over WYFR xmtr, EG nx 0200, mailbag, CH lesson, mx, VG 4-21 (Dillon-MD).
- 6070 CANADA CFRX-Toronto, pops 2028 4-28, wx, "Way I See It," CFRB ID (Dillon-MD).
- 6070 ECUADOR HCJB, M&W in Japanese 1145 4-20, pops, pips 1200, then s/off (Dillon-MD).
- 6080 AUSTRALIA RA, pops 1229, man DJ, EG ID, nx 1230, hair dryer QRM: 1235! (Dillon-MD).
- 6085 ANTIGUA DW, GM ID 0300 4-21, world nx, nx from Germany, mx, all GM, fair sig (Dillon-MD).
- 6090 CUBA Havana, SP nx 0125 4-30, loud and clear (Dixon).
- 6090 LUXEMBOURG R. Luxembourg, pops 2245, EG ID 2300, GM-EG prgms (Swaringen-NC).
- 6095 ECUADOR HCJB, EG world nx 0300 4-20, ID, "Guidelines" to 0315, fair sig (Dillon-MD).
- 6095 PORTUGAL Lisbon, *2300 in PT, PT mx, talk, also NA at opening (Swaringen-NC).
- 6095 USA WYFR, questions abt God 1236 4-20, ID, target anned as Canada, 1245* (Dillon-MD).
- 6115 CUBA RM WS, "Nx & Vx" 0315 4-21, nx 0330 (Dillon-MD).
- 6115 JAPAN NSE, "R. Tampa," 0900-0930 in JP, lively mx, fair signal 4-6 (Bowden).
- 6115 PERU R. Union, 0859-0910 4-26, man with ID, talk, mx, poor signal (Bobb-MN).
- 6120 CANADA BBC WS relay, 0200 4-18 with TC, ID, nx, //6175-Antigua (Dillon-MD); ID 0400 4-25, world nx, hvy QRM from carrier, fair overall; EG (Trotto-FL).
- 6120 NICARAGUA R. Zinica, 0445-0500* 4-4, pol.talk, IDs, fqys, NA, off (Nikolich-IL).
- 6125 SPAIN Madrid, EG nx 0009 4-28, sports, press rvw 0018, good w/noise, QRM(Berg-Andersson-FL)
- 6130 ECUADOR HCJB to S.Pac, poor 0900-0930 4-2, Bible prgm, relig.mx (Bowden). NY.
- 6135 TAHITI Papeete, fair 0600 4-14, nice lvl with local and US mx, //11625,15170(Nikolich-II)
- 6140 CUBA Havana, world nx 0331 in EG, rpt on US demonstrations, 4-21 (Dillon-MD).
- 6140 USA VOA-Delano, SP ID 1245, talk about democracy in LA, fair signal (Dillon-MD).
- 6150 AUSTRALIA ABC-Melbourne, *0825 4-8, IS, ID, ABC sports, nx, fair (Bobb-MN).
- 6150 COSTA RICA R. Impacto, mx and ID 1120 5-2 (Hinnov); ID 1300, ad, talk, fair (Dillon-MD).
- 6155 LIBYA "Voice of the Great Arab Homeland," AR 2038-2100, talk, mx 4-28 (Dillon-MD).
- 6155 SINGAPORE R. Singapore, 1106 4-23, Malaysian talk, mx, poor signal (Bolland-FL).
- 6160 CANADA CKCN-Newfoundland, CBC nx 1035 4-12, sports nx (Levison).
- 6160 COLOMBIA Em.Nueva Granada, sports 0300 4-20, no ID but Bogota references (Field-MI); LA mx 0355 4-21, TCs, tele.calls, ID, improved rcpn by 0415; latnd to 0455 (Dillon-MD).
- 6160 SOUTH AFRICA R. RSA, SP *2259 4-28, ID in EG/SP, TC, nx, fair signal (Trotto-FL).
- 6165 COSTA RICA R. Impacto, 1157 4-1, rock mx (Feeley). 6150? XEW? JB.
- 6175 FRENCH GUIANA RFI, SP ID 1001 4-16, nx headlines, jazz, all SP (Park-HI).
- 6180 CYPRUS BBC WS relay, business rpt 2230 4-21, //6175-Antigua (Dillon-MD).
- 6185 LIBYA Tripoli, AR *0500 4-27, NA, chimes, psble.ID by gal, nx, fair sig (Trotto-FL).
- 6185 MEXICO R. Educacion, 5 kw per RNM, 2205-0210 4-28/29, mostly clas.mx, EZL mx, few SP IDs; also noted 1060 MW in // at 0150 check (Krueger-FL).
- 6188 PERU R. Oriente, 1030-1040 5-2, NA, greetings, ID, talk, mx, F-F and fading (Bobb-MN); poor 1058, mx after 1100, 4-23; also ID noted 2315 4-10, poor signal (Bolland-FL).
- 6195 NIGERIA Sokoto, 2258-2316* 4-1, vernac/EG, 6 pips, FRON ID, TC and ID 2314, anncng 558 and 6195; pledge, NA and off; fair in QRN: (Valko). ++Don't let the doldrums get ya--73. ♪



LOG REPORT

section C

6200 to 11699 kHz

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

- 6200 ALBANIA R. Tirana; 0344 EG ID, tlk on Socialism (Trotto-FL 4/23).
 6214.4 CLAND. R. 15 de Septiembre; 1228 SP sked anmt. (Bolland-FL 4/17).
 6240 PIRATE V. of Tomorrow; 2240 EG rock mx, ID by M, West German NA at 2245 and into talk on minorities in the U.S. (Mayer-PA 4/20).
 6305 CLAND. LV del CID, Camilo Cienguegos; 0015 SP pop mx (Hinnov 4/28).
 6584.5 CLAND. R. Venceremos; 0038-0132* SP by M&W, ID's, s/off with anthem, //3630.2 (Alexander-PA 4/21).
 6724 PERU R. Satellite, Santa Cruz; 0434-0437* unid lang, Quechua?, talk by W, ID ment. Santa Cruz; ID, National Anthem; fair (Trotto-FL 4/23).
 7115 USSR R. Moscow; 0000 EG nx * May Day talk (Hinnov 4/30).
 7120 ALBANIA R. Tirana; 0010 EG with cntry, ID, mx (Hinnov 4/27); 0130-0200 IS, ID, nx w/obit of Enver Hoxha (McLemore 4/12).
 7125t ITALY? AWR; 0610 "Adventist World Radio" ID but no mention of xmtr site so site is tentative (Alexander-PA 5/5).
 7135 FRANCE RFI; 0315-0330 EG world nx by W, ID, French nx, review of French papers, editorial, contest; fair (Dillon-MD 4/20).
 7150 EGYPT R. Cairo; 0318 AR "Voice of the Arabs" program w/talk and Arab mx; fair, also on 9770 (Daly-NY 5/5).
 7185 GERMANY DR RBI; 2020 FR mx, ID, IS, 2030+ PT (Trotto-FL 4/19).
 7200 SOMALIA R. Mogadishu; 0259 Somali, NA, s/on 0300, brief anmts by M then into prayer chanting; co-channel QRM from VOA (Daly-NY 5/5).
 7205 USSR R. Kiev; 0220 EG ID & mx (Hinnov 5/2).
 7270 INDONESIA RRI Jakarta; EG/Indo. mixed pops, "Coconut Is." theme, M&W; ARO QRM (Marge Witte-CA 4/11).
 7270 POLAND R. Polonia; 2333 EG piano mx (Levison 5/1).
 7275 KOREA REP. RK; 0824 JP, M teaching Korean LL (Park-HI 4/19).
 7275 ITALY RAI; 0445 Lithuanian, IS, ID by W, nx; f (Trotto 4/25).
 7285 POLAND R. Polonia; 0301 EG ID, nx on union activities, cntry on Poland-U.S. relations, "Panorama" on bicycle race (McLemore 5/8).
 7310 UAE R. Dubai; 0245 AR, call-to-prayer-type solo vocal chants by M, 0315 possible news; apparently into EG at 0330; //9565 (Jordan 4/21).
 7310 USSR RM W.S.; 0330 "News in Brief", ID, cntry (Dillon 4/20).
 7355 ALASKA KNLS; 1530 RS piano mx, ID by M, Sammy Kaye mx (Valko 4/16).
 7365 USA KGEI; 0430 SP s/off & into RS; ID & QTH (Jordan 5/1).
 7370 GREECE VOG; 0012 GK nx, "Edo Athine" & folk mx (Hinnov, no date).
 7400 UNID. 0050-0200* continuous mx (Jordan 4/27). See this last month -ed.
 7410 PIRATE Secret Mt. Lab.; 0300-0317* medieval mx, g (McLemore 5/2).
 7412 ISRAEL KI; 0100 EG ID, ME nx, "This Land" (Dillon 4/17).
 7415 PIRATE Secret Mt. Lab.; 0235 fake ad for dating service, Hawaiian mx, game show spoof ("The Mating Game"); v. good (McLemore 5/5).
 7425 CLAND. R. Iran; 0230 Farsi?, martial mx, apparent pol. cntry, "Radio Iran" ID heard several times; fair (Hill-MA 5/1).
 7430 PIRATE R. North Coast Int'l; 2334-0001* strange variety of mx from "Tea For Two", Devo's version of Jimi Hendrix's "Are You Experienced?" to Katrina and the Waves' "Walking on Sunshine" (McLemore 5/4).
 7430 PIRATE "74-WKUE"; 0241-0250 Devo, Paul Revere And The Raiders mx, Mr. Koffee w/ID's, and Hilo address; good (McLemore 5/6).
 7435 PIRATE "KROK"; 0022 Fats Domino & Beatles oldies (McLemore 4/15).
 7435 PIRATE Pig Boy Radio, "WPBR"; 0040-0049* Doobie Bros. mx, "The Messenger" asking for reports on this & the two previous bcs to Battle Creek address, for a T-shirt; g (McLemore-FL 4/15).
 7435 PIRATE "WKTQ"; 0052-0120, played side one of Ramones' "End Of The Century" LP, reports to Hilo address; muffled audio -- thanks to Norfolk for the ID! (McLemore-FL 4/15).
 7467 ISRAEL Reshet Bet relay; *0300 HB, rel chorale, nx (Jordan 5/1).
 8925 PERU R. Continente; 0025-0122 SP, M w/mx & cmnts, ID at 0100 and back to musical program; fair (Bolland-FL 4/10).
 9440 ISRAEL KI; 0059-0125 EG, IS, time pips, ID, nx; //7412, 9815 (Dillon).

9457a CHINA RB FS; 1630 Khmer?, IS & ID sounding like "Thi-ni Peking";
 preview & nx w/many ment. of Kampuchea (Park-HI 4/17).

9475 EGYPT R. Cairo; 2300 AR & 0130 SP, radio drama, ID, nx (Jordan 4/12+)

9515 MEXICO LV America Latina; 0959-1005 SP M&W, ID, world nx (Bobb 4/8).

9520 PAPUA NEW GUINEA NBC, Port Moresby; 0715-0732 EG, M with children's
 programs, talks and music, ID; fair (Bobb-MN 4/29).

9534.9 ANGOLA Luanda, "Voice of Namibia"; 1630-1650 EG, M ancr barely
 there, very weak, tentative; xmtr slightly off frequency with low het
 (Robertson-CA 4/26).

9535 CHINA RB; 1230 EG w/music; adj. channel splatter (Bolland 4/13).

9535 USA WYFR; 2145-2200 EG, ID, address, rel story (Mayer-PA 5/5).

9540 VENEZUELA R. Nacional; 1110 SP news and ID (Hinnov 5/2).

9545 USSR RM Mayak; 1820-1845 RS M&W, Midnight In Moscow IS at 1830, into
 more talk by W; pop-like mx at 1840; fair, //11870 (Mayer 4/13).

9550 USA WYFR; 0847 EG ID, Bible reading (Trotto 4/29).

9560 NORWAY RNI; *0500 NW IS, ID by M, news; poor (Trotto-FL 4/18).

9560 TURKEY VOT; *2200-2230 EG IS w/ID's by M&W, TC, opening anmts, nx,
 Turkish Panorama; good with some QRMoscow (Mayer-PA 5/5); 2220 EG
 travelogue & mx, fair signal in noise but improved to good by 2355
 (Berg-Andersson-NY 4/26); 2230-2250 EG music by Bruce Springsteen,
 DX program (Swaringen-NC 3/30).

9560 USA Voice of the OAS; 0028 EG ID, address, 0100 into SP (Hinnov 4/30)

9565 PORTUGAL RP; 0255 PT mx, time check, NA (Vadino-WA 4/16).

9565 UNITED ARAB EMIRATES UAE Radio; 0344-0400 EG, programs about
 civilization, and different carpets; ID by W; fair (Trotto 4/15).

9570 KOREA REP. RK; 0850 EG "World News Service"; PT at 0900 (Park 4/29).

9575 ITALY RAI; 2340-0005 IT, lite mx, talk by M with ID (Alexander 4/8).

9575 USA VOA, Bethany; 0520 EG promo for "Studio 1"; talks on intelli-
 gence of infants; //5995, 9670 (Park 4/14).

9580 AUSTRALIA RA; 1103 EG with news and ID (Hinnov 5/1); 1100-1110 EG,
 ID by M, time check, world news (Trotto 5/7); 1245 EG "Australia
 Tonight" w/mx & variety; 1300 nx; fair w/QSB (Berg-Andersson-NY).

9595 JAPAN NSB 1; 1130 JP/EG ID, airchecks opening "Sony SW Network",
 talks & airchecks of U.S. C&W stations (Park-HI 4/14).

9610 IRAQ R. Baghdad; 2123 EG, M w/ID: "This is R. Baghdad"; station
 address & national anthem, and off at 2125 (Daly-NY 5/5).

9610 SEYCHELLES FEBA; 0312-0335 SH (per WRTH, IS, ID, rel mx (Bobb 4/28).

9615 PORTUGAL DW, Sines; 2130 Bulgarian, s/on with relay ID (Green 5/5).

9615 SOUTH AFRICA R. RSA; 0230 EG "Touring RSA" on Sun City; "DX Corner"
 with SPEEDX report; //s'inaudible (Park 4/28).

9620 NEW ZEALAND RNZ; 1200 EG nx, wx, into pop mx; weal (Hill-MA 4/20).

9620 YUGOSLAVIA RY; 1915-1929* EG, W on current events in Yugoslavia,
 followed by instrumental/strings mx; at 1924 a "recap of the news" by
 M; 1926 ID, gave BC time as 1900-1930; I believe this is the only
 international broadcaster to use meters in freq. anmts!(D'Angelo 4/20).
 2115-2129 EG nx, sports, "Travelling Through Yug.", best reception
 ever from Yug.!(Hill-MA 4/13); 2120 EG ID, nx (Green 5/4).

9665 NETH. ANTILLES TWR; 0848-0908 PT children's pgm, ID (Bobb-MN 5/1).

0665 SAIPAN KYOI; 1602-1705 EG, U.S. pop mx, quick ID's, "Super Rock KYOI"
 (Alexander 4/14); 1734 EG mx, ID, T-shirt commercial (Vadino 4/22).

9675 PHILIPPINES R. Veritas Asia; 1400-1430 Sinhala, usual sort of rel pgm
 but unusual mx, however -- Sinhalese??; good (Robertson-CA 4/24).

9680 PORTUGAL RP; *2300-2400 PT s/on with IS, bells, NA, ID; have been
 checking out this fqy for several nights looking for R. Renascença
 as reported in April LN but only hear this; //6095 (Alexander 5/1);
 2300 PT ID & nx (Hinnov 5/2); 0036 EG, nx (Feeley 4/19).

9685 ALASKA KNLS; 1000 RS, poor technical quality; QRM (Bowden 4/7).

9690 ARGENTINA RAE; 1105 EG nx by 2 M, mostly local; clear ID "directly
 from our studios in Buenos Aires, this is ARE..."; never before heard
 this clearly, really superb reception (Nikolich 4/12); 0001 PT ID by
 W (Bobb 4/29); 0100 multilingual ID, into EG pgm (Hinnov 5/1); 0339
 SP, soft ballad, ID; f (Trotto 4/22); 0406 EG nx reports (Jordan 4/6).

9690 SWEDEN RS; 2300 EG "Weekday Monday" pgm (Green 5/6).

9700 BULGARIA R. Sofia; 2300 EG, IS, ID, sked, nx (Hinnov 5/1); 2330 opera
 pgm, ID, "Sunday Special"; good (Mayer 4/13); 0039 Radio Moscow relay
 <Plovdic>, cmnt on war by Australian (Levison 4/8).

9705 BRAZIL R. Nacional; 0016 PT, ID by M & sporting event (Bobb 4/29).

9710 ITALY RAI; *0140+ IT, IS, ID by W, nx by two M (Trotto 4/23).

9710 UNID. 0305 soft mx mixing w/Moscow, suspect Mauritius (Nikolich 4/14)

9710 USSR RM W.S.; 1708 "News & Views" pgm; via Kiev per UHN (Mayer 4/13).

9715 NETH. ANTILLES RN; 0748 EG "Media Network", interrupted at 0756-0801
 by technical difficulties and replaced by "light music from the
 Netherlands" (Park-HI 4/25). 0830 EG, nx to Australia (Bowden 4/2).

9735a PARAGUAY R. Nacional; 2335 SP ID and political talks (Hinnov n.d.); 0240-0302* SP, classical & semi-classical vocal/orchestral works plus interspersed spot anmmts; fair/poor (Jordan 4/6).

9740 SINGAPORE BBC W.S.; 1731 Roger Whittaker; "Waveguide" (Parl 4/17).

9745 CAMEROON R. Nat. Cameroons; 2103 EG, nx of Africa highlighted by story of Nigeria expelling illegal aliens into Cameroon & Benin; ID 2107, "This broadcast comes from the National Service of Radio Cameroon"; f (Daly 5/5); 2107 EG ID and world news (Bobb-MN 4/29).

9745 ECUADOR HCJB; 0230 EG "DX Partyline" (Hawk 4/1); 0325 EG "Musical Mailbag" phone-in; QRM Tanzania 9748, Tahiti 9750 (Park-HI 4/26).

9750 KOREA REP. RK; 1435-1500 EG, "Bridge of Friendship" feature with listeners' letters, contest anmt inc. Bryan P. (Sharpe 5/5). Congrats!!

9755 CANADA RCI; 0402 EG nx, "SW Listeners' Digest"; poor (Park 4/22).

9765 ALBANIA R. Tirana; 0000+ EG, IS, ID & into long talk of Hoxha's death and his "achievements" (Mayer-PA 4/14).

9765 GERMANY, FR DW; 2130 EG, ID by M, to Asia, instr. mx (Mayer 5/5).

9810 USSR 0705 RS folk mx, part of R. Tikhii Okean pgm (Sharpe 4/15).

9830 USSR RM; 1713 FR ID, interview w/M abt his trip to USSR (Park 4/17).

9835 HUNGARY R. Budapest; 0112 EG dx reports, music (Levison 4/17).

9840 VIETNAM VOV; 1017 EG, agricultural progress despite "the Chinese intruders" (Park-HI 4/17).

9859 ICELAND - At different times of the day over several days I compiled a special report on this frequency and their other freq., 13797, and sent it in; this in response to a printed letter asking for such a report. No reply yet (Levison 4/5-8). Not a log but we have the space!

9870 ECUADOR HCJB; 0310 RS, W into rel talk; M w/ID (Jordan 4/6).

9870 SAUDI ARABIA BSKSA; 2130 AR news headlines (Green 5/5). ID text? -ed.

9885 SWITZERLAND Swiss Radio International (SRI); 2125 EG mailbag pgm (Green 5/5); 0212 EG "Dateline:, into SP nx at 0215 (Hawk 4/16).

9895 USSR RM; 1000 JP, ID "Mosuko Hoso" & stilted-sounding nx (Park 4/24).

9920 CHINA CPBS, M.L.; 0959 KR, 6-note xylophone IS, ID sounding like (?): "Yogineun sobang-min bangsong imnida" & theme mx (Park-HI 4/25).

9920 UNID. 1300-1500+ mixed mx selections (Jordan, Trotto). See 7400 -ed.

9925 BELGIUM BRT; 2300 DT s/on (Green 5/5). 0039 EG, Brussel's bakers donating flour to Ethiopia (Feeley 4/19).

9977 KOREA DPR R. Pyongyang; *1100 EG, organ IS, M with ID twice, anthem, fqy anmmts, into 15-minute news segment then local mx (Jordan 5/2).

10010a VIETNAM VOV; 1538-1558 Chinese nx or political talk, Chinese vocals, ID by W at 1558 then off the air (Sharpe-CA 4/25).

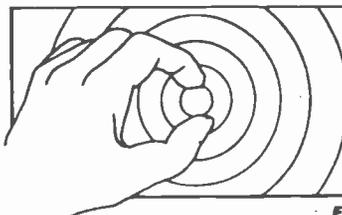
11620 INDIA AIR; 2025 EG, ID at 2030, tourist attractions in India (Feeley)

11640 CLAND. Radio Iran; *0235-0245 Farsi ID by M anc, repeated three times mx, ID, talk by M ment. Iran many times (Trotto-FL 5/4).

11655 ISRAEL KI; 1707 Yiddish?, W with GM-sounding nx, ID at end (Park 4/15)

11690 SPAIN REE; 1945-2030* EG, Spanish folk & light mx, "Panorama"; LL (Jordan 4/5); 2005-2030* EG pgm of folk mx followed by their DX pgm, inc. discussion of propagation & fading; tips on receiving US and USSR space missions (D'Angelo 4/15). Greetings to fellow WDXC member Richard

Very, very slow month this time..... 73, Dave



LOG REPORT

section D

11700 and above

Editor: Wallace C. Treibel, 357 N.E. 149 St., Seattle, WA 98185

- 11700 UNIDENTIFIED 2145-2200* Mid or Near-east Islamic vocals, time sig--5 short, one long--the final at 2159:50, lang(?), man mumbled a few words, then s/off (Krueger FL 4/28) ED: Could this be R. Moscow via Kabul? Anyone know?
- 11720 AUSTRALIA RA in EG 0758-0900, mx, "Talkback", nx, ID, //6045, 9580, 11910 (Alexander PA 4/7, Bowden 4/2)
- 11720 UNITED KINGDOM BBC in FR 0654, EG lang lessons, QRM, p (Park HI, 4/23)
- 11735 UNIDENTIFIED RIVT Tunis(?) in AR 2005-2100, mx, tlks, no ID, f (Mayer PA, 4/13)
- 11735 URUGUAY R. Monte Carlo in SP 2320-2357, relaying R. Oriental, call-in pgm, rock nx and jingles, QRM VOA at 2357, fading sig (Valco PA 4/1)
- 11745 BRAZIL Radiobras in EG 0210, nx, tlk about new Pres, mx, exc (Dickson OH, 5/1)
- 11760 CUBA RHC in SP 1203-1210, pop mx, tlks about Cuban socialism (Dillon MD, 4/27)
- 11770 NIGERIA VON in EG 1550, nx wrap-up, some xmtr troubles, g (Robertson CA, 4/25)
- 11775 ANTIGUA BBC relay in EG 1210-1216, "Radio Newsreel", ID, Big Ben (Dillon MD, 4/27)
- 11785 USSR R. Tashkent in EG 1215-1230, historical account, flute mx (Jordan PA, 4/19)
- 11810 SEYCHELLES FEBA in SH 0355, ending pgm w/TWR address in Nairobi(!), closing anmnt and IS, EG dropped, QRM 11815, 11820, f (Park HI 4/20)
- 11815 LIBYA LJB Tripoli in EG 2115-2200 in EG, cmntry re foreign policy relations, poor technical quality (Bowden 5/2) history of imperialism in Libya (Bobb MN 5/1)
- 11820 ASCENSION IS. BBC in SP 0134, request/mailbag show, het from R. Tahiti 11825, (Park HI, 4/28) also in PT 2220, rock mx, ID (Dillon MD 4/21)
- 11830 LIBERIA ELWA in EG, religious tlk (Feeley CA, 4/14)
- 11830 NORTH KOREA R. Pyongyang in EG 0830-0900, mx and cmntry, f (Bowden 4/4)
- 11835 SRI LANKA SLBC in EG 1054, Michael Franks mx, tlks, ID, p (Park HI, 4/21)
- 11860 USSR R. Moscow(RSFSR) in EG *1900-1935+, IS, ID, features, wx (Jordan PA 5/2)
- 11910 ECUADOR HCJB in SP 1235-1255, economic rpt, TC, ID, vg (Dillon MD 4/27)
- 11910 HUNGARY R. Budapest in EG *2000 in EG to Europe (Green TN, 5/5) also in TK *1830-1858*, IS, ID's, nx, interviews, actualities (Jordan PA, 5/2)
- 11920 PHILIPPINES VOA relay in EG 1754, "Now Music USA", nx, QRM, f (Park HI, 4/11)
- 11920 UNIDENTIFIED 2315-0030 IN AR, AR mx, phone-in pgm, nx on the hr, p/f fading out (Bobb MN 4/30, 5/1) ED: Rufus Jordan tent ID'd similar log as R. Jordan in May.
- 11925nf SWITZERLAND SRI in EG 0200-0230, TS, ID, nx, pgm changes, vg (McLemore FL, 5/6)
- 11925 USSR R. Orbita(?) in RS 1800, ID "Govorit Moskva", ID, nx (Park HI 4/15)
- 11960 NEW ZEALAND RNZ in EG 0610-0640+, nx, sports, features, wx, TC (Jordan PA, 4/26) also in EG 0639-0700 w/national pgm, ID, TC, mx, f (Trotto FL, 4/2E)
- 11965 RWANDA DW relay in EG 1518-1530, cmntry, feature, ID, f (Trotto FL, 4/15)
- 11985 ALBANIA R. Tirana in Farsi 2030-2045, mx (NA?), ID, nx, cmntry (Dillon MD, 4/20)
- 12000 USSR R. Moscow in EG 2000-2015, African Service, nx, ID, feature (Dillon 4/20)
- 12010 USSR R. Moscow in FR 1930-1945, nx headlines, rock mx, ID, f (Dillon 4/20)
- 12035 SWITZERLAND SRI in GM/FR 1900-1930, nx, skeds, accordion mx, ID (Dillon 4/20)
- 12050 EGYPT R. Cairo in AR 1810-1900, Qu'ran recitation, ID, time pips, nx (Dillon)
- 12065 USSR R. Moscow in Shona? 1725, mx bits, ID, IS, ment Zimbabwe (Park HI, 4/8)
- 13635 USSR R. Moscow in EG 0200-0227, world nx, cmntry on May Day (Sharpe CA, 5/1)
- 13705 USSR R. Moscow in EG 1732-1735, ID, nx in brief, p (Trotto FL, 5/6)
- 13740 USSR R. Moscow in RS 1725-1742, operatic solo, Mayak IS, nx, tk (McLemore FL 5/4)
- 15030 CHINA R. Beijing CPBS in CH 0545-0615, western classical mx, CH pop mx?, ID's, beginning of CH opera (Sharpe CA 4/15)
- 15050 CLANDESTINE Afghan Mujahedeen Radio in unknown lang 1535-1545, male anncr exhorting listeners in strident tones, poor but no QRM (Robertson CA 4/25)
- 15070 UNITED KINGDOM BBC London in EG 1540-1600, comedy drama, ID, g (Bobb MN, 4/17)
- 15120 NIGERIA VON in EG 2141-2200*, nx re Nigeria, ID, tribal mx, p (D'Angelo PA 4/6)
- 15145 WEST GERMANY RFE/RL in PL 1508-1515, world nx, ID "Radia Wolna Europa", choral mx tlks by woman, jammed (Dillon MD 4/20)
- 15150 NEW ZEALAND RNZ in EG 0345-0405, pop mx, nx, weak sig (Hill MA, 5/6)
- 15170 TAHITI Papeete in FR 0200, pop mx, rock, exc (Dickson OH 4/3) in TT 0305-0426 polynesian vocals, melodic mx, tlk, commercials for Landrover (Sharpe CA 5/4)
- 15180 NORWAY RNI in EG 2200, "Norway Today", beamed to So and Cen Amer (Green TN 5/5)
- 15180 UNITED KINGDOM BBC London in AR 1555-1605, AR mx, ID, sked, Big Ben, nx (Dillon)
- 15185 SOUTH AFRICA RSA in PT *1857-1904, IS, ID, time pips, nx, g (D'Angelo PA, 4/21)
- 15190 FRANCE RFI in FR 1605-1635, big band and show mx, ID, into RM 1630 (Dillon 4/20)
- 15190 NO. MARIANAS KYOI Saipan in EG 0520, oldies rock, ID into Debarge mx (Park HI 4/18)

- 15195 USA VOA Greenville in FR to Africa 2140, new rock hits, QRM, p (Park HI, 4/13)
- 15200 GABON Africa No. 1 in FR 1635-1658, Hi-Life and rock mx, commercials, ID, sked s/off at 1657, g (Dillon MD, 4/20)
- 15210 ANTIGUA DW relay in GM 2000, gave relay ID in GM (Green TN, 5/5)
- 15230 CUBA RHC in AR 1713-1730, Cuban mx w/man DJ, ID, tlks abt economics and politics of Morocco, f (Dillon MD 4/20)
- 15260 ASCENSION IS. BBC relay in EG 2120, "What's New", pgm of new mx, f (Park 4/13)
- 15260 CANADA RCI in EG 1835, "Listener's Corner", repeated at 1905 on 15325 (Park 4/7)
- 15265 NORWAY RNI in EG 2000, "Norway Today" (Green TN, 5/5)
- 15270 RYAN DA DW relay in GM *2200, all GM pgm except ID relay sta in FR (Green TN 5/5)
- 15280 USA KGEI San Francisco in EG 2150-2158*, ID (Feeley GA, 4/7)
- 15285 PORTUGAL RP in PT 1735-1800, phone calls, PT & band mx, ID, vg (Dillon MD, 4/20)
- 15295 MALAYSIA VOM in Malay 1718+, listener's requests, Malay vocals (Sharpe CA 4/4)
- 15315 FRANCE RFI in FR 1800-1805*, ID, sked to Africa, accordion mx, f (Dillon 4/20)
- 15345 ARGENTINA RAE in EG *1204-1210, ID in several langs, skeds, nx (Trotto FL 4/24)
- 15395 AUSTRALIA RA in EG 2145, rock mx pgm (Green TN 5/4) also in EG 0125-0140 w/pop mx, ID, nx, tlk on teaching by 2-way radio (Dickson OH 4/3, Dillon MD 4/19)
- 15425 PHILIPPINES VOA relay in EG 142°, "Jazz Hour", f (Hill MA 4/13)
- 15430 USA AFRTS Greenville in EG to Newfoundland 1830, baseball game, p (Park HI 4/8)
- 15435 SYRIA Damascus in EG 2035-2100, nx, AR vocals and instrumentals, mournful chants and upbeat chorals w/wild flute accom, ID 2045 (Jordan PA 4/20)
- 15520 CHINA R. Beijing in SP 2315, CH instrumental mx (Green TN 5/6)
- 15590 BELGIUM BRT in EG w/time changes and freqs (Levison PA, 4/4)
- 15595 PAKISTAN RP in EG 1105-1115, dictation speed mx, ID, weak sig (Hill MA, 4/4)
- 16060usb USSR R. Orbita in RS 1725, 6 pips, organ IS, nx (Park HI, 4/9)
- 17714 COLOMBIA R. Emisora Nacional de Colombia in SP 2350, "Noticias y Informativo" g w/random fade to 0010, then f w/het QRM (Krasnoff NY, 4/30) Neal's 1st report
- 17705 CUBA RHC in SP 2315, talk, usual theme mx, //6060, 11760 (Alexander PA 5/1)
- 17710 ISRAEL Kol Israel in RS 1330-1355, ID, classical mx, tlks, nx, ID (Dillon 4/20)
- 17720 FRANCE RFI in FR 1355-1405, accordion mx, nx, ID, show mx (Dillon MD 4/20)
- 17735 WEST GERMANY RFE/RL in PL 1435-1505, cmntry, jammed, //15145 (Dillon 4/20)
- 17765 SWITZERLAND SRI in EG 1315, sked, time check, very poor sig (Andersson NY 4/29)
- 17790 ECUADOR HCJB in EG 2132, "Unshackled" in lieu of "DX Party Line", p (Park 4/13)
- 17825 WEST GERMANY RFE/RL in CZ 1325-1402, rock mx of, IS, pips 1400 (Dillon 4/27)
- 17845 TAIWAN VOFC in SP *2300 (Green TN 5/5) Ed: prgm details?
- 17855 CHINA R. Beijing in CH(p) 0245-0255*, beautiful CH aria, "Boston Pops" type mx to 0255, quick ID anmmts, IS, f/g w/some QRM (Jordan PA 5/1)
- 17935 AUSTRALIA RA in EG 0626, spur noted on this freq, QRM & deep fades (Park 4/9)
- 17940t CLANDESTINE V. of Sudanese Popular Revolution in AR 1550-1700, lively Mid-East vocal, impassioned speech, shouted slogans, wild drums, patriotic mx, polemics, light classics, f (Jordan PA, 4/27)

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A significant drop-off in log reports for this section this month. Only 124 loggings were received compared to 302 last month. Must be the combination of poor atmospheric conditions and the attraction of outdoor activities with the coming of better weather. As in the past, reports listed in last month's issue have not been repeated this month. For the benefit of new contributors, please remember to report each logging on a separate slip (approx. 1 inch wide) and include (1) frequency (2) country heard (3) name of station (4) time of reception in UTC (5) language used (6) program details (7) name of reporter, State or country of reporter, and date of reception.

.....

LOG FRIENDX REPORTERS

John Henault, 55 Lincoln Street, Abington, MA 02351

CONTRIBUTORS LIST FOR JUNE, 1985

Brian ALEXANDER, Mechanicsburg, PA.; Richard E. BERG-ANDERSSON, Woodside, NY, (DX-400); Norman BOBB, Minneapolis, MN. (R-1000); Charles Bolland, Lake Worth, FL. (R-70/R-71); Ralph S. BOWDEN, Mentone, CA.; Richard D'ANGELO, Wyomissing, PA. (R-70); Tom DALY, Pomona, NY. (FRG-7000/CR-2021); Richard DICKSON, Goshen, OH. (DX-302) Peter DILLON, Columbia, MD. (DX-400); Jim FEELEY, Norcross, GA. (R-2000) Marlin A. FIELD, Hillsdale, MI. (SPR-4); Tom Gavaras, Minnetonka, MN. (R-70); Neil GILLIS, Reading, MA. (R-70); Jerry GREEN, Maryville, TN. (FRG-7700); Michael HAWK, Hampton, VA. (ICF-6800W); Ken HILL, Somerville, MA. (DX-1000); Erik HINNOV, Bridgewater, NJ. (R-2000); Rufus JORDAN, Pittsburg, PA. (Zenith Transoceanic/DX-302); Neal KRASHOFF, New Hyde Park, NY (R-2000); Terry KRUEGER, Largo, FL. (R-70/ICF-2001); Harold LEVINSON, Philadelphia, PA. (R-70); Travis McLEMORE, Clearwater, FL. (FRG-7); William MAYER, Allentown, PA. (TS-430S); Mike NIKOLICH, Chicago, IL. (NRD515/CR2021/SPR-4/HQ-180); Dale PARK, Honolulu, HI. (ICF-6700W) Sheryl PASZKIEWICZ, Manitowoc, WI. (NRD515); Lin ROBERTSON, San Diego, CA. (R-70); Bryan SHARPE, Castro Valley, CA. (DX-302); David SWARINGEN, Huntersville, NC. (R-70); Ron TROTTO, St. Cloud, FL. (CR2021); George VADINO, Bellevue, WA. (R-71); Dave VALKO, Donlo, PA. (R-388/FRG-7); Mike WALKER, Indianapolis, IN. (DX-100); Marjorie WITTE, Torrance, CA.

To those 34 Members who sent in their loggings this month, my thanks, Some of the Loggings went to John Kapinos and with his help, they were all sent to me for inclusion in this months list.

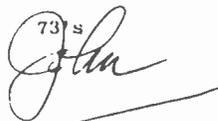
John Kapinos and I have been friends for a couple of years now and when he asked for help in doing the Contributors List, it took very little "Arm Twisting" to get me involved.

I have been involved in Shortwave Listening for the greater part of my 41 years. Part of my job as a Police Officer (for 17 years) has been keeping our Police Communications Equipment on line and replacing it with state of the art equipment as available funds allow hi. My interests in the SWL Hobby are very varied and as I usually spend about 3 hours a night at the reciever I cover a lot of area.

I am looking forward to a long and pleasant friendship with the membership of NASWA. If I have mis-listed any contributors Equip, or misspelled their name, etc. Please drop me a line and let me know what you would like listed. For the members using more than one RX, I will be happy to list them as Space allows but will hold it to a maximum of 4 per month and during the heavy months will list no more than 1 RX per Contributor.

To the members that wrote notes and letters of welcome and congradulations my heartfelt thanks and appreciation. Those that requested a reply will recieve one as soon as time allows.

Until Next month, Best Wishes

73^s


HAAP THANKS: A very big thank you goes out to the following individuals who donated their time and items to our efforts: James Fenton, Roy Forsgren, KQSB, Edwin Southwell, Harry Smith, Eric Bueneman, Charles Fox, Larry Hastie, Steve Lare, Joe Talbot, Bill Matthews, Bob Nagel, Don McCants, Bob Sobkoviak, Manfred Schmidt, Ted Gurley, Steve Phipps, US Tape, John Bryant, Tom Keplant, Bob Fraser, J. O'Riordan and Dennis Richards. Thanks also go out to Don Jones, Bruce Johnston, Betty Robinson, Shawn Axelrod, Frank Aden, Lester Fleming, Jim Pogue, Donald McCants and Larry Shewchuk. Thank you very much... Sam.

HAP BID ITEMS: ITEM #846: CHICAGO CUBS BASEBALL - 2 reserved tickets for the August 29th game between the Cubs and the Atlanta Braves-great!!! #847: WJMC station balloon, m/c. #848: WGHP-TV station balloon, m/c. #849: CKXL golf tee (2" long) red, yellow. #850: CKPG decal (3x6") m/c. #851: BRI "Belgique" cloth pennant (4.5x7.5") very colorful! #852: Radio Beijing "Clown" cloth pennant (6x11.5") m/c. #853: Radio Beijing "Floral" cloth pennant (6.5x11") m/c. #854: Radio Beijing "Logo" cloth pennant (6.5x11") m/c-nice! #855: Radio Beijing large plastic litter bag (11x18") red, white. #856: Radio Monte Carlo QSL card (4x6") m/c. #857: Radio Espana (Balearic Islands) sticker (6x6") brown, yellow-rare! #858: Radio Espana (Balearic) QSL card (4x6") m/c. #859: Radio Cadena Espanola metal badge (1.5" cir) black, yellow. #860: SWF Radio (FRG) "Landestudio" sticker (5" cir) m/c-beauty! #861: SWF Radio "Naturlich" sticker, odd shaped, m/c. #862: Radio Bucharest 6 different slides of Romania. #863: RAE (Argentina) QSL card (4x6") blue, B&W. #864: WFCS 11 page program guide, 10 watt station! #865: CFPR "I Love CBC Radio" sticker (4x12") red, white. #866: WVFM T-Shirt (S-M) "Cup Run", 2 tone blue. #867: Radio Monte Carlo sticker (2.5x6") white, red. #868: Radio Korea 1988 Olympic QSL card (4x6") m/c. #869: Radio Korea-KBS cloth pennant (5x9") m/c-very nice! #870: ADXR bulletins, 1984 complete. #871: L'ONDE bulletins, 1984 complete. #872: ASWLC bulletins, 1984 complete. #873: CIDXC bulletins, 1984 complete. #874: NRC bulletins, 1984 complete. #875: LWCA bulletins, 1984 complete. #876: IRCA bulletins, 1984 complete. #877: OUXA bulletins, 1984 complete. #878: VHF-UHF bulletins, 1984 complete. #879: NZRDXL bulletins, 1984 complete. #880: DX POST (Australia) bulletins, 1984 complete. #881: MVDXC bulletins, 1984 complete. #882: SPEEDX bulletins, 1984 complete. #883: NASWA bulletins, 1984 complete. #884: WDXC (UK) bulletins, 1984 complete. #885: EDXC bulletins, 1984 10 different. #886: KAZM pencil, black, gold. #887: KAZM leather coaster (4" cir) tan-super! #888: KBIF sticker (3.5x11") blue, white. #889: KFOG sticker (3x8.5") m/c. #890: GUIDE TO RTTY FREQUENCIES 1983 edition, 192 pages-excellent!! #891: Radio City (UK) old poster (8x9") red, white, blue. #892: Radio Vatican sticker in German (3x5") B&W, orange. #893: KUSF sticker "Skull" (4.5" cir) red, B&W-super!! #894: CJVI pen, red, B&W. #895: CHQM pen, B&W-very nice! #896: CHQM pen, black, yellow-fine! #897: BBC "Paddy Feeny" large poster (12x16") m/c. #898: NHK 1985 50th Anniversary calendar-very large! #899: HCBJ-FM sticker (3.5x8") B&W. #900: Radio Hallam sticker (1x12") m/c. #901: Radio Hallam decal (2.5x13") m/c. #902: BBC-WS "Globe" poster (12x16") m/c-nice! #903: Radio Luxembourg 2 different staff photos (6x8") B&W. #904: WVVI (Virgin Islands) sticker (3.5x5") blue, white. #905: Radio Earth sticker (3x12") B&W. #906: Radio New Zealand QSL card (3.5x5.5") m/c. #907: KALX Punok-Avant Garde program guide, B&W. #908: Red Rose Radio decal (5x5") m/c. #910: Viking Radio decal (3x20") m/c-super! #911: Radio Lancashire decal (2.5x11") red, B&W. #912: BBC Radio Stoke 24 pg. magazine, m/c. #913: KPBC plastic litter bag (7x12") blue, white. #914: ORF sticker in Spanish (4x5") red, B&W. #915: Radio Forth coaster (4x4") orange, B&W. #916: Club DX Quebecois sticker (3" cir) blue, white. #917: KYUJL XL-poster of San Francisco, m/c-super! #918: CKUA "Access" large plastic litter bag. #919: WFLJ 4 different staff photos (8.5x11") B&W. #920: KBPS old B&W studio photos (8x10")-nice! #921: BBC Radio Cleveland 2 different staff photos (8x11") B&W. #922: BBC Radio Medway 2 different staff photos, (8x11") B&W. #923: Radio London-206 2 different staff photos (8x11") B&W. #924: Viking Radio spiral paper hat, m/c-unusual! #925: Radio London-206 large 16 page newspaper, m/c. #926: KHJ "Cowboys" sticker (4x4") silver, white, blue. #927: KRBC "Texas" shaped sticker, m/c. #928: BBC Radio Birmingham staff photo (6x8") B&W. #929: KIKK 26 page newspaper, m/c. #930: KPFT 12 page program guide, B&W. #931: Signal Radio (UK) decal (2.5x9") m/c. #932: RCI 1973 "DX" QSL card (5x7") m/c. #933: RCI 1976 "Montreal" QSL card (4x6") m/c. #934: RCI 1974 "Cycling" QSL card (4x6") m/c. #935: RCI 1971 QSL card, (4x7") m/c. #936: WEZO station balloon, m/c. #937: CHQM-FM station pen, brown, black. #938: CHQM-FM station pen, B&W-nice! #939: WPLJ XL-poster "25 years of Rock History" fabulous!!! #940: WPLJ XL-poster of DJ with 9 different beauties!!! #941: WPLJ large Carol Miller, DJ poster, m/c-sharp! #942: Radio Peking "Tien An Men" paper pennant (5.5x10.5") m/c. #943: Radio Peking "Chingang Mtns." paper pennant (5x10") m/c. #944: Radio Peking "Girl with Building" cloth pennant (5x10") m/c. #945: Radio Peking "Kids with balloons" cloth pennant (5x10") m/c. #946: Radio Peking "Mtn. Village" paper pennant (5x10") m/c. #947: RFI cloth pennant (4x8") blue, white. #948: RFI cloth pennant (4x8") red, white, blue. #949: RBI cloth pennant (5x8") red, white, blue. #950: RBI "Bear and Logo" cloth pennant (6x9") m/c. #951: RBI "DX Club" cloth pennant (6x9") m/c. #952: REE cloth pennant (5x8") m/c. #953: DLF Radio (FRG) vinyl pennant (5x8.5") m/c-nice! #954: HRVC cloth pennant (6x10.5) blue, B&W. #955: Radio Budapest cloth pennant (4x6") m/c. #956: Radio Korea-1984 cloth pennant (4x8.5") m/c. #957: CJAT station pen, silver, B&W.

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

DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any five (5) for \$1.00.....
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Bristol, WCAU, KLOL, KELP, Radio Sciu, KKYX, WNOR, CFCY (cir) (ID) (decal), Radio Evangile, WLUP (cir) (large) (blue) (B&W), KOME, WDIJ, KSEI, RBI (DX-blue) (DX-white) (logo-blue) (logo-white) (white) (blue), ERF Radio, Capital Milano, CFNB, BBC Radio 1, WONE, CKBW, CFBC, KITS, KEDY-103, KOUE, CKCK.

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