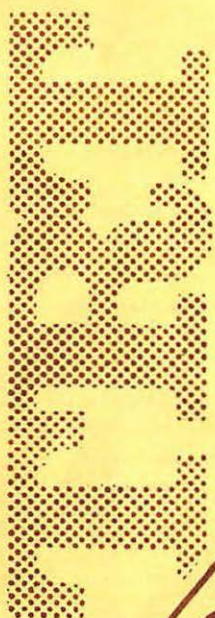


FRENDX



GRAPHICAL BROADCASTING ZONES

VOICE OF TURKEY

THE VOICE OF TURKEY BROADCASTS

LA VOIX DE LA TURQUIE
DIE STIMME DER TÜRKI

Language	Time G.M.T.	Turkish Time	Wave length m.	Frequency kHz	Transmitters kW	Geographical zones
Turkish	03.55-06.00	06.55-09.00	41	7170	250	27-28
Turkish	06.00-17.00	09.00-20.00	25	11800	250	27-28
Turkish	17.00-20.00	20.00-23.00	41	7170	250	27-28
Turkish	03.55-12.00	06.55-15.00	19	15145	250	39
Turkish	15.00-17.00	18.00-20.00	19	15145	250	39
Turkish	17.00-21.30	20.00-00.30	31	9665	250	39
Turkish	03.55-15.00	06.55-18.00	41	7270	250	28
Turkish	17.00-21.30	20.00-00.30	41	7270	250	28
Turkish	03.55-21.30	06.55-00.30	31	9515	100	27-28
English I	12.00-13.00	15.00-16.00	19	15145	250	40-41
Urdu	13.00-13.30	16.00-16.30	19	15145	250	40-41
Persian	13.30-14.00	16.30-17.00	19	15145	250	40-41
Arabic	14.00-15.00	17.00-18.00	19	15145	250	39
Rumanian	15.00-15.30	18.00-18.30	41	7270	250	28
Greek	15.30-16.00	18.30-19.00	41	7270	250	28
Bulgarian	16.00-16.30	19.00-19.30	41	7270	250	28
Serbo-Cro.	16.30-17.00	19.30-20.00	41	7270	250	28
German	20.00-21.00	23.00-24.00	41	7170	250	27-28
French	21.00-21.30	24.00-00.30	41	7170	250	27-28
English II	21.30-23.00	00.30-02.00	41	7170	250	27-28
English II	21.30-23.00	00.30-02.00	41	7270	250	28
English II	21.30-23.00	00.30-02.00	31	9665	250	39
English II	21.30-23.00	00.30-02.00	31	9515	100	6-8



Welcome to 48 new members joining in time to receive the December FRENCH. We hope they find their new membership to be helpful.

- | | |
|---------------------------------------|--|
| BARTA, P., Toronto, Ont. | McINTOSH, W.R., Granada Hills, CA |
| CLARK, William E., Normal, IL | MOORE, Paul, Simcoe, Ont. |
| DESROSIERS, Robert W., Fall River, MA | MUSKAT, Dennis, Middleton, WI |
| FELIX, Dennis, Minneapolis, MN | NEAL, Sam, Cleveland, TX |
| FUGELSTAD, O.T., Oxnard, CA | NELSON, Scott, Parshall, ND |
| GAGNE, J. Pierre, Mississauga, Ont. | OONO, Sigeru, Kagosima, Japan |
| GLEASON, David, Guaynabo, PR | RICH, John C. III, Columbia, SC** |
| GOEBEL, James T., Jefferson, LA | RUDE, Eric, San Pedro, CA |
| GOLDSTEIN, Scott, Chicago, IL | SAULNIER, Ron, Beverly, MA |
| GRAHAM, Patrick, N. Brunswick, NJ | SELTHUN, Stuart, Pella, IA |
| GREEN, William, Culver City, CA | SHATZ, Herb, Queens Village, NY |
| GREGOR, Paul F., Oregon, OH | SKLADANY, James D., San Bernardino, CA |
| HACKER, Robert N., Porrest, IL | SLAFF, Jerry, Brooklyn, NY ** |
| HASSELL, E. Cannon, Marietta, GA | SLATER, Stanley B., Davison, MI |
| HEGGIE, Jeff, Islington, Ont. | SLOMKA, Ms. Beverly, Brooklyn, NY |
| HILBORN, Lynn, Toronto, Ont.** | STOVER, Jeff, Montrose, PA |
| HOGARTH, Ronald P., Hatboro, PA | SUPER, David, Roodepoort, Rep. S.Africa |
| HOLCOMBE, Bill, Blanchard, LA | TANENBAUM, Morton, Flushing, NY |
| HOLMES, Bob, San Antonio, TX | THADANI, H.G., Houston, TX |
| HOLZMAN, Ken, E. Lansing, MI | WAITE, Jonathan, Winter Park, FL |
| JIROVEC, Robert J., Belle Mead, NJ | WILHITE, David R., Odessa, TX |
| KEILHOFER, Richard W., Pittsburgh, PA | YUSZKUS, Bernard, Johnson City, NY |
| KERSCHNER, Ike, Kunkletown, PA | |
| LeVINE, Daniel C., Stamford, CT | ** Nice to have you back with NASWA after a short absence. |
| LINDBECK, W.A., DeKalb, IL | |
| LONG, James T., Dallas, TX | |

* * * * *

DX LIMERICKS

I asked a DXer if he can,
Tune Radio Japan,
Well, would you know,
He picked up Tokyo,
Using the fine tuning bandscan!

I listen to AM and FM on my Sony,
And utility bands on my GE,
But nothing can compare,
To the varied fare,
I can DX on the Barlow-Wadley!

Last night I picked up a birdie,
On my Barlow-Wadley XCR-30,
The signal was strong,
It was a rock and roll song,
From somewhere in UKOGBANI!

While visiting old England's BBC,
At 4 PM they served British tea,
I come from Minnesota,
And ask for a soda,
They said "Will it be Coke or Pepsi!"

This month's nonsense is from William Wurtzel, New York, NY

* * * * *

NASWA

A REPORT FROM
HEADQUARTERS

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.
JANUARY, 1979

MINNEAPOLIS IS THE PLACE! The fifteenth annual convention of the North American Radio Clubs (ANARC) will be sponsored by the Minnesota DX Club and the Department of Speech-Communication, University of Minnesota in Minneapolis, Minnesota June 1 through June 4, 1979. All DXers and SWL's regardless of club affiliation (if any), are invited to attend.

Although additional details will be announced in FRENEX as they are made available, a self addressed and stamped (SASE), business size (4½" X 9½") sent to "1979 Convention Committee, ANARC", 3320 Grand Avenue South #305, Minneapolis, MN 55408 will bring additional information to you direct. Plan to attend now since advance word indicates this will be one of the best yet.

ANARC NEWSLETTER: We highly recommend the ANARC Newsletter which is the official publication of the Association of North American Radio Clubs. ANARC is not a club in itself, but is the coordinating body for all of the major radio clubs in North America.

Their newsletter is published monthly, and while it is not technical in nature, it contains the latest information on various club and group meetings scheduled throughout North America and elsewhere. Also, many other news items of interest to the radio hobbyist.

Subscription rates are \$3.50 in North America, and \$5.00 per year overseas. Checks and money orders to be made payable to ANARC, 557 North Madison Ave., Pasadena, CA 91101, and in U.S. funds only.

"DXING ACCORDING TO NASWA" FOURTH EDITION: Edward C. Shaw, author of NASWA's popular DXing handbook is busy work on the fourth revision and printing of his book which was first published in November, 1975.

Although much of the original text will remain unchanged, this revision will concentrate on information of the new receivers now on the market as well as updating other areas that would have changed since the last revision. No date is set for publication, so watch FRENEX for future announcements.


LOG REPORTERS NOTE: Most who report to the Log report sections are aware that it is preferred (but not compulsory) that they submit their reports on the standard NASWA Log Report form. Use of this form insures that the reporter is providing all pertinent information about his logging, and use of this standard form makes the work much easier for the editors.

In the past, we have furnished these forms free for the postage. Since postage rates have increased we find we have to send fewer sheets since the sender many times sends insufficient postage to send very many, so reorders are common. To make it easier for everyone, effective immediately, the standard log report form will be furnished in pad form only with approximately 50 sheets per pad. This is enough sheets for almost 500 loggings. These are available from HQ for \$1.00 per pad, envelope and postage included.

FRENEX IN REVIEW: Headquarters has a good supply of most of the 1978 issues of FRENEX. Those not having been a member of NASWA for the entire year might be interested in obtaining some of the past issues which may have an article they would like to read.

We have compiled an index of the major articles and features which have appeared in each FRENEX during 1978 so it would be possible to know something about each issues content. For a copy of this index sheet, send a self addressed and stamped business size envelope (4½" X 9½") to NASWA, P.O. Box 13, Liberty, IN 47353.

Prices for back issues are \$1.00 each for 1 to 3 different issues, .75¢ each for 4 to 9 issues, and .50¢ each 10 and over. All sent third class mail.


M.R. Leonhardt
Executive Director - NASWA

Shortwave Center



JERRY A. LINEBACK, Editor
P. O. Box 325
St. Joseph, IL 61873

JANUARY 1979

Welcome to a whole new year of DX news and information in FRENDX. We need your help to keep the quality and volume of information in all sections of FRENDX at a high level. Please send your contributions to the appropriate section editors. Shortwave Center will need four to eight high quality articles relating to shortwave broadcast radio EACH MONTH. We have only one source for 95% of these articles, that is you, the FRENDX reader. Please plan on contributing an article this year.

WARC 79

RELEASE OF RCI GALLUP POLL DATA ON AMERICAN
SHORTWAVE LISTENERS

Background: As a part of the effort of Larry Magne, longtime NASWA Associate, an attempt was made to counter impressions about shortwave listening in the United States that were made in a report prepared in June 1978 by the Stanford Research Organization for the American Radio Relay League. The effect of the report was to minimize SWL activity in the U.S. in order to justify not increasing frequency allocations to international broadcast at WARC-79. To counter the ARRL report Magne sought and received release of data contained in a Gallup Poll study of American shortwave listening conducted in 1975 at the request of Radio Canada International. This interesting information is presented here in a memorandum dated 8 August 1978 (released as of 30 October) from Larry to Mr. Stanley Leinwoll, Chairman of the FCC International Broadcasting Service Group (IBSG).

"The American Radio Relay League, Inc. (ARRL), an Amateur radio organization, recently filed a comment with the FCC in reaction to the Commission's Eight Notice of Inquiry (NOI). This comment consists of a report prepared June, 1978, for the ARRL by SRI International, the Stanford Research organization. The report, "The Audience for High Frequency Broadcasting," forms the basis for the ARRL's view that International Broadcasting (IB) is not in need of additional HF spectrum space.

At the outset, the SRI-ARRL report notes that International Broadcasting's need for additional HF spectrum space is based on the severe overcrowding within the HF Broadcast bands which has developed in recent years. It goes on to cite EBU data showing that the situation of late has become so severe that more IB expansion is taking place out-of-band than in-band. This summarizes much of the IB dilemma, which for American International Broadcasters is especially acute, as the option of going out-of-band has not been made available to them.

Having made this observation, the report devotes itself to the implied proposition that the amount of HF spectrum that should be allocated to IB is a function of the size and characteristics of the listening audience.

In reply, it should be emphasized that the IBSG rejects the ARRL's proposition. First, the problem, as has been carefully documented, is that the IB bands suffer from severe congestion. The SRI-ARRL report has not addressed itself to this problem. Second, gathering audience data from such places as Bangladesh, China, or Bulgaria is, at best, educated guesswork. No responsible broadcaster would equate these data with "state of the art" ratings, such as those obtained by American domestic broadcasters. Third, audience size per se is more often than not secondary to the broadcaster's mission. In many countries, those most likely to have access to shortwave radios are people in positions of atypical influence.

Jamming also tends to reduce audience size (cf. Board for International Broadcasting's 4th Annual Report, 1978, pp. 22-24). Jamming simultaneously aggravates overcrowding

1) because it disrupts not only the jammed channel, but also the two adjacent channels; and 2) because in order to counter jamming, broadcasters are forced to use multiple channels. However, according to the SRI-ARRL report's reasoning, the reduced audience resulting from jamming reduces broadcasting's need for HF spectrum space!

As for the SRI-ARRL report's details, what suits ARRL's arguments is elaborated, whereas that which doesn't tends to be omitted, distorted, or worse. Some examples:

P. 3. The SRI-ARRL report impugns Deutsche Welle's Mr. Rössler for a lack of "supporting evidence" to validate his published claims concerning an increase in the number of receivers equipped to receive HF broadcasts. In this regard, the SRI-ARRL report quotes various statements made in print by Mr. Rössler, plus a citation of him of material from the BBC Handbook.

A first requisite in thorough investigation is to obtain data as near as possible to the source, which SRI and/or ARRL did by visiting Mr. Rössler on 18 November 1977 (cf. p. 28). What rings hollow is the report's attacking the lack of supporting detail in Mr. Rössler's writings, while making no allusion to the supporting evidence (or lack of it) he presumably would have given the opportunity to present during the SRI-ARRL visit at Cologne. Whether the issue wasn't raised, or whether Mr. Rössler's further documentation on the subject was deliberately omitted from the final report, the SRI-ARRL allegations appear to be more concerned with scoring debating points than providing the Commission with a valid summary of Mr. Rössler's reasoning and data base.

P. 5. The report asks a pertinent question: "What need for expansion exists, in terms of listener requirements?" As the IBSC has detailed, the existing level of IB congestion is so serious as to markedly degrade signal quality in the target zone. International Broadcast has been increasingly difficult to receive satisfactorily since WARC-59; without relief from overcongestion it can but deteriorate further. Yet, there is not one sentence in the 40 page SRI-ARRL report that addresses itself to the relationship between quality of received signal and audience characteristics. That the multitude of heterodyne whistles and modulation interferences routinely encountered within the HF broadcast bands may be costing American International Broadcasters audiences they would otherwise have, and is making IB listening increasingly frustrating for American listeners, escapes even passing mention.

P. 5. The report limits its study of IB audiences to "audience research conducted by or in behalf of HF broadcasters themselves." Intentionally or not, this eliminates the most exacting study done on the subject -- the mid-1977 survey done by Yankelovich, Skelly, and White -- which was commissioned by an American electronics manufacturer. Because the study is concerned with proprietary information, it has been kept from the public. However, any serious research into the subject of International Broadcasting audiences should at least attempt to obtain the non-proprietary findings of this study (it should be pointed out that the existence of the Yankelovich study is fairly common knowledge in the North American IB community because of the several people interviewed during the analysis and data-gathering).

P. 16. The SRI-ARRL report cites Gallup statistics gathered in 1973 and 1975 for Radio Canada International. The SRI tables (nos. 4 and 5) summarize the audience size by giving the most regular audience only, i.e. that which listens once or more a week. Omitted without mention of their existence are the numerous figures in the Gallup surveys giving listenership on a less frequent basis. In International Broadcasting intermittent listening plays a special role, as during crises or other major events audiences tend to enlarge considerably. For example, during the 1968 Czechoslovakian events, RFE's audience is estimated to have risen substantially. Similarly, RFE's Romanian audience is reported to have grown dramatically immediately following the March 1977 earthquake there. That so many people tune IB during critical moments is itself a measure of the service it performs.

Also questionable, in view of the SRI-ARRL report's claims to statistical expertise, is SRI's use of one set of Gallup statistics to provide data for a question which is answered by another set of Gallup statistics. The 1975 Gallup Survey, on page 3 and the top of page 4 (of the Gallup report), gives listenership for each station as a percentage of the total 1975 U.S. Adult population (142 M). The headings of Tables 4 and 5 of the SRI-ARRL report, plus the text on page 17, leave little doubt that the tables give us just such data. However, there is a foot note at the bottom of p. 16, "Based on tables at bottom of page 4" (of the 1975 Gallup report to RCI). The percentages at the bottom of page 4 are not those for the total U.S. Adult population; these are found on page 3 and the top of page 4. Rather, they are percentages of the U.S. adult population that own radios capable of receiving shortwave broadcasts!

As a result, what the SRI-ARRL report suggests is the U.S. IB audience for each of six selected broadcasters differs markedly from the data actually found in the Gallup Survey SRI cites for its statistics, viz.:

	Gallup 1975*	SRI-ARRL
BBC		
Listen, but less than once a month	2,556,000	---
Listen 1, 2, or 3 times a month	1,278,000	---
Listen once a week or more often	<u>710,000</u>	<u>667,400</u>
Total BBC U.S. Adult Audience	4,544,000	667,400
Deutsche Welle		
Listen, but less than once a month	1,420,000	---
Listen 1, 2, or 3 times a month	568,000	---
Listen once a week or more often	<u>426,000</u>	<u>312,400</u>
Total DW U.S. Adult Audience	2,414,000	312,400
Radio Moscow		
Listen, but less than once a month	1,846,000	---
Listen 1, 2, or 3 times a month	710,000	---
Listen once a week or more often	<u>284,000**</u>	<u>269,800</u>
Total RM U.S. Adult Audience	2,840,000	269,800
Radio Nederland		
Listen, but less than once a month	1,420,000	---
Listen 1, 2, or 3 times a month	426,000	---
Listen once a week or more often	<u>142,000</u>	<u>213,000</u>
Total RN U.S. Adult Audience	1,988,000	213,000
Radio Canada International		
Listen, but less than once a month	2,130,000	---
Listen 1, 2, or 3 times a month	1,562,000	---
Listen once a week or more often	<u>710,000</u>	<u>639,000</u>
Total RCI U.S. Adult Audience	4,402,000	639,000
Radio Havana Cuba		
Listen, but less than once a month	1,420,000	---
Listen 1, 2, or 3 times a month	710,000	---
Listen once a week or more often	<u>142,000</u>	<u>170,400</u>
Total RHC U.S. Adult Audience	2,272,000	170,400

* "Short-wave Listening in the United States", Survey II, 1975 (The Gallup Organization, Inc.) pp. 3-4

** Same figure also appears in the Board for International Broadcasting's 4th Annual Report, 1978, p. 6.

P. 29. The SRI-ARRL report questions whether radios with shortwave reception capability are, in fact, being sold in wider numbers. It also questions whether there exists a correlation between sales of such radios and "numbers of regular listeners to HF broadcasts."

Because of the competitive nature of the radio industry, such proprietary data typically are not made available to the public. Nevertheless, for the first time since the introduction of the transistor, consumer-oriented shortwave portable radios have undergone fundamental circuit changes, with the result that shortwave listening now is much easier and more pleasant (cf. World Radio TV Handbook 1978, rear section, pages 3-10). This sort of radio is not an AM/FM set with SW bands incidentally tacked on and possibly not used. Rather, these sets are designed with the primary intent of receiving shortwave broadcasts. These shortwave units are no longer advertised solely in the WRTH and similar specialized publications. Since 1977, they have been increasingly promoted in such mass publications as Newsweek, Time, Playboy, Smithsonian, the New York Times, the Wall Street Journal, and even over television. Sales of this new generation of shortwave radio are reported to be vigorous.

There are other indicators that suggest IB is a growing medium. One of the Don Smith studies ("America's Short-wave Audience", Public Opinion Quarterly, winter 1969) indicates that a tiny proportion of those listening to IB are radio hobbyists. As radio hobby activity is better documented than shortwave listening in general, relative changes in hobby activity may provide an indication as to the growth of the larger shortwave listening audience.

Two measures of IB hobby activity are sales of the annual World Radio TV Handbook and membership in IB hobby clubs. The 1976 WRTH sold 40,000 copies; the 1977 edition 43,000 copies; and the 1978 edition (est.) 55,000 copies. In the U.S., the largest club devoted to IB hobby activities, the North American Shortwave Association, had a 1976 membership of 1,200; a 1977 membership of 1,500; and a 1978 (actual, mid-year) membership of 1,700.

Of course, in poorer countries the situation is doubtless quite different. Even a \$150 Sony ICF-5900W is beyond the means of most Africans, for example. However, that the public-at-large responds enthusiastically to IB when one of the long-standing technical hurdles is

overcome suggests that the proposed reductions in interference brought about by a more equitable allocation of HF spectrum space to Broadcasting should have positive effects on IB listenership not only in advanced countries, but also in countries where primitive radios are the norm.

P. 29-30. The SRI-ARRL report states that non-shortwave alternatives, such as broadcast tape exchanges and satellite relays, may replace HF broadcasting as a primary means of international information exchange.

The report misses the point of shortwave broadcasting. Were the flow of information free and unimpeded, the most technically suitable vehicle within the economic means of a broadcaster would be chosen. This would almost certainly exclude HF for the majority of applications. But every nation has either formal restrictions on the flow of information and/or cultural biases that inhibit the domestic media from seeing events from the viewpoint of other cultures. At one extreme there are countries which are so hostile to outside information that they jam IB signals and otherwise censor virtually all communication. But even under the best conditions, such as exist in many Western democracies, there are circumstances when a nation feels its situation is not properly perceived and reported on because of the norms and perspective of the domestic media. None of this can be resolved by resorting to distribution channels controlled by those who already control the domestic media. Consequently, any information exchange under these conditions is sharply limited. Wireless World, commenting on the results of the long-established "Eurovision" network, which is the most successful attempt to implement what the SRI-ARRL report proposes, states "the initial ambitious prospectus for Eurovision has deteriorated to a confinement to football matches, 'It's a Knockout', and, worst of all, the Eurovision Song Contest." As for more of the same sort of thing, Wireless World concludes, "the most desirable international linking system might well be an open circuit, at that rate." (7/78, p. 50).

Given ITU restrictions on satellite broadcasting, plus the limitations of MF, it is nearly always HF which is the sole available medium for International Broadcasting. Fixed may go to satellite and hams to VHF, but for IB there is no place to turn but HF, where existing in-band congestion is very nearly intolerable.

In closing, it may be worth noting the irony of the ARRL's argument. If the radio community were to accept the concept of frequency allocation's being primarily a function of the number of people making direct use of a given class of stations, IB would occupy the lion's share of the HF spectrum, whereas Amateur space would be relatively tiny. Similarly, by this line of reasoning, Citizens Band would be entitled to far greater bandspace than Amateur, especially in view of the recent growth in CB usage. The IBSG does not subscribe to this view.

BROADCASTS IN ENGLISH

ENGLISH LANGUAGE BROADCASTS TO EAST AND
CENTRAL NORTH AMERICA, November 1978

TO NORTH AMERICA

Compiled by Roger Legge

Relays: a = Ascension; b = Bonaire; c = Canada (sackville); m = Malta; w = Antigua/Montserrat

<u>Morning EST</u>	<u>GMT</u>	<u>Station</u>	<u>Frequencies (kHz)</u>
6:00-8:00am	1100-1300	Melbourne, Australia	✓9580
		Pyongyang, N. Korea	✓9977, 11535
6:00-8:30am	1100-1330	London, England	✓5990c, 6195w, 11775w
6:00-10:00am	1100-1500	Moscow, USSR	✓11770, 15150
6:05-7:35am	1105-1235	TWR, Bonaire, NWI	✓11815
7:00-7:30am	1200-1230	Jerusalem, Israel	✓11655, 15405, 17685, 21495
7:00-7:55am	1200-1255	Peking, China	✓9820
7:00-11:30am	1200-1630	HCJB, Quito, Ecuador	✓11745, 15115, 17890 (from 1300)
7:15-7:30am	1215-1230	Athens, Greece	✓15345, 17830
7:30-8:00am	1230-1300	Vienna, Austria	✓21530
8:00-8:30am	1300-1330	Helsinki, Finland	✓15210 (Sunday to 1425)
8:15-8:45am	1315-1345	Berne, Switzerland	✓21630, 21545 ssb
9:00-9:30am	1400-1430	Stockholm, Sweden	✓21505
9:00-9:30am Su	1400-1430 Su	Oslo, Norway	✓17840
9:30-10:00am	1430-1500	Helsinki, Finland	✓15210
11:00am-12:45pm	1600-1745	London, England	✓11775c, 17830c (Sa/Su from 1500)
<u>Evening EST</u>			
4:30-5:00pm	2130-2200	Sofia, Bulgaria	✓5915, 7115
4:30-6:00pm	2130-2300	Ankara, Turkey	✓9515, 11955
5:00-5:15pm	2200-2215	Belgrade, Yugoslavia	✓9620

Evening EST	GMT	Station	Frequency (kHz)
5:00-5:30pm	Su 2200-2230	Su Oslo, Norway	✓9590, 9645
5:00-6:00pm	2200-2300	London, England	✓5975, 6175w, 9510, 11910, 15260a
		Moscow, USSR	✓7115, 7195, 7440
5:30-6:00pm	2230-2300	Jerusalem, Israel	✓7412, 9435, 9815, 11655
6:00-6:30pm	2300-2330	Helsinki, Finland	✓9565, 11800
	2330-2400	Stockholm, Sweden	✓9695, 11705 <i>now 9690</i>
		Vilnius, Lithuanian SSR	✓7150, 7215
6:00-6:50pm	M-F 2300-2350	M-F Buenos Aires, Argentina	✓11710
6:00-7:30pm	2300-0030	London, England	✓5975, 6120c, 6175w, 7325, 9580a, 9590c, 15260a
6:00-8:00pm	M-F 2300-0100	M-F Montreal, Canada	✓5960
6:00-8:30pm	2300-0130	Moscow, USSR	✓7105, 7115, 7165, 7195, 7205, 7440
6:30-7:00pm	2330-0000	Santiago, Chile	✓15140
6:45-7:45pm	2345-0045	Tokyo, Japan	✓15270, 17835 <i>17825</i>
7:00-7:30pm	0000-0030	Tirana, Albania	✓7065-9750
7:00-7:30pm	Su 0000-0030	Mo Oslo, Norway	✓6015, 9590
7:00-8:00pm	0000-0100	Peking, China	✓15060, 15520, 17680
		Sofia, Bulgaria	✓9705
7:00-9:00pm	0000-0200	Madrid, Spain	✓9630, 11880
7:15-7:30pm	0015-0030	Athens, Greece	✓9760, 11730
7:15-8:00pm	0015-0100	Brussels, Belgium	✓6080
7:30-8:00pm	0030-0100	Kiev, Ukrainian SSR	✓6020, 7150, 7215
	<i>to 10700</i>	Stockholm, Sweden	✓11905
7:30-10:00pm	0030-0300	HCJB, Quito, Ecuador	✓9560, 11915 <i>now 9745</i>
7:30-10:30pm	0030-0330	London, England	✓5975, 6120c, 6175w, 7325, 9580a, 15250a
8:00-8:15pm	0100-0115	Vatican City	✓6015, 9605, 11845
8:00-8:20pm	0100-0120	Rome, Italy	✓6010, 9575
8:00-8:30pm	0100-0130	Montreal, Canada	✓5960, 11940
		Santiago, Chile	✓11890, 15140
8:00-8:45pm	0100-0145	Berlin, DDR	✓9730, 11805
8:00-9:00pm	0100-0200	Peking, China	✓12055, 15060, 15520, 17680
		Prague, Czechoslovakia	✓5930, 7345, 9540, 11990
8:00-11:50pm	0100-0450	Havana, Cuba	✓11930
8:30-8:50pm	0130-0150	Cologne, Germany	✓6040w, 6075, 6085, 6100m, 9545w, 9565, 9605
8:30-9:00pm	0130-0200	Tirana, Albania	✓7120, 9750
		Vienna, Austria	✓6155, 9770
8:30-9:30pm	0130-0230	Bucharest, Romania	✓5990, 9570
8:30-11:00pm	0130-0400	Moscow, USSR	✓7105 (to 0300), 7115, 7165, 7195, 7205, 7440, 9700
8:45-9:15pm	0145-0215	Berne, Switzerland	✓6135, 9660, 9725, 11715, 11780 ssb
9:00-9:30pm	0200-0230	Budapest, Hungary	✓6000, 6105, 9585, 11910
		Montreal, Canada	✓5960, 9535
		Warsaw, Poland	✓6095, 7270, 9525, 11910
9:00-9:30pm	Su 0200-0230	Mo Oslo, Norway	✓6005
9:00-9:50pm	0200-0250	Johannesburg, South Africa	9585, 9610, 11900, 15155
9:00-10:00pm	0200-0300	Peking, China	✓12055, 15060, 17680
9:00-10:30pm	0200-0330	Cairo, Egypt	✓6230, 9475 <i>15200</i>
9:15-9:30pm	0215-0230	Athens, Greece	✓9760, 11730 <i>now</i>
9:30-10:00pm	0230-0300	Beirut, Lebanon	✓11785
		Santiago, Chile	✓11890
		Stockholm, Sweden	✓9695, 11705
		Tirana, Albania	✓7120, 9750
9:30-10:15pm	0230-0315	Berlin, DDR	✓9730, 11805
9:30-10:25pm	0230-0325	Hilversum, Holland	✓6165b, 9590b
10:00-10:30pm	0300-0330	Budapest, Hungary	✓6000, 6105, 9585, 11910
		Kiev, Ukrainian SSR	✓5970, 7215, 7320
		Lisbon, Portugal	✓6025, 11935
		Montreal, Canada	✓5960, 9535, 9755, 11845
		Warsaw, Poland	✓6095, 7270, 9525, 11815
10:00-11:00pm	0300-0400	Baghdad, Iraq	✓11935
		Buenos Aires, Argentina	✓9690 (Mon-Fri EST)
		Peking, China	✓12080, 15060
10:00-12:00pm	0300-0500	Prague, Czechoslovakia	✓5930, 7345, 9540, 11990
		HCJB, Quito, Ecuador	✓9560, 11915

<u>Evening EST</u>	<u>GMT</u>	<u>Station</u>	<u>Frequency</u>
10:30-11:00pm	0330-0400	Tirana, Albania	✓6200, 7300
		Vienna, Austria	✓6155, 9770
10:30-11:30pm	0330-0430	London, England	✓5975, 6120c, 6175w
11:30pm-1:00am	0330-0600	Havana, Cuba	✓11760
11:00-11:30pm	0400-0430	Bucharest, Romania	✓5990, 9570
		Montreal, Canada	✓5960, 9535
		Santiago, Chile	✓11890
11:00-11:30pm Su	0400-0430 Mo	Oslo, Norway	✓6015, 9550
11:30-12:00pm	0430-0500	Sofia, Bulgaria	✓7115
12:00-12:15am	0500-0515	Jerusalem, Israel	✓9833, 11638, 11655
ENGLISH LANGUAGE BROADCASTS TO WESTERN NORTH AMERICA, November 1978			
<u>FST</u>	<u>GMT</u>	<u>Station</u>	<u>Frequency</u>
7:15-7:30am	1515-1530	Athens, Greece	✓15345, 17830
8:00-8:30am Su	1600-1630 Su	Oslo, Norway	✓15175, 17715
11:00-11:15am	1900-1930	Tokyo, Japan	✓15105 (also at 2000, 2100)
1:40-2:40pm	2140-2240	Taipei, Taiwan	✓9685, 17890
2:00-2:15pm	2200-2215	Tokyo, Japan	✓17755 (and hourly to 0100)
3:00-3:30pm	2300-2330	Stockholm, Sweden	✓11705
		Vilnius, Lith. SSR (via Khabarovsk)	15100, 15240, 17870
3:00-7:00pm	2300-0300	Moscow, USSR (via Khabarovsk)	17720 (to 0100), 15455 (to 0200), 15180, 15140, 12050 (to 0130), 7260 (From 0200)
3:00-7:30pm	2300-0330	London, England	✓6120c, 6175w, 9580a, 15260a
4:00-6:00pm	0000-0200	Madrid, Spain	✓9630, 11880
4:30-5:00pm	0030-0100	Kiev, Ukr. SSR (via Khabarovsk)	15100, 15240, 17870
		Stockholm, Sweden	✓11905
4:30-9:00pm	0030-0500	HCB, Quito, Ecuador	✓9560, 11915
5:00-5:30pm	0100-0130	Montreal, Canada	✓5960
5:00-6:00pm	0100-0200	Taipei, Taiwan	✓15345, 15425, 17890
5:00-7:00pm	0100-0300	Melbourne, Australia	✓17795, 21740
		Peking, China	✓12055, 15520 (to 0200), 17680
6:00-6:15pm	0200-0215	Tokyo, Japan	✓15105 (also at 0300, 0400)
6:00-6:30pm	0200-0230	Budapest, Hungary	✓6000, 6105, 9585, 11910
		Montreal, Canada	✓5960, 9535
6:00-6:30pm Su	0200-0230 Mo	Oslo, Norway	✓9590, 9645
6:00-6:50pm	0200-0250	Johannesburg, South Africa	9585, 9610, 11900, 15155 / 5220
6:00-7:30pm	0200-0330	Cairo, Egypt	✓6230, 9745
6:15-6:30pm	0215-0230	Athens, Greece	✓9760, 11730
6:30-7:00pm	0230-0300	Santiago, Chile	✓11890
		Stockholm, Sweden	✓9695, 11705
7:00-7:30pm	0300-0330	Budapest, Hungary	✓6000, 6105, 9585, 11910
		Kiev, Ukr. SSR (via Khabarovsk)	7175, 7260, 9580
		Lisbon, Portugal	✓6025, 11935
		Taipei, Taiwan	✓15345, 17890
7:00-9:00pm	0300-0500	Peking, China	✓12055, 15060, 17680
7:30-8:15pm	0330-0415	Berlin, DDR	✓5955, 6080, 11890
7:30-8:30pm	0330-0430	London, England	✓6120c, 6175w
7:30-10:00pm	0300-0600	Havana, Cuba	✓11760
7:30-11:30pm	0330-0730	Moscow, USSR (via Khabarovsk)	5900, 6150, 7175, 7260, 9610, 9735
8:00-8:30pm	0400-0430	Bucharest, Romania	✓5990, 9570
		Santiago, Chile	✓11890
8:00-8:30pm Su	0400-0430 Mo	Oslo, Norway	✓9550
8:30-9:00pm	0430-0500	Berne, Switzerland	✓6045, 9725
		Sofia, Bulgaria	✓7115
		Vienna, Austria	✓5945
8:30-11:30pm	0430-0730	London, England	✓6175w, 9510w
9:00-9:15pm	0500-0515	Jerusalem, Israel	✓9833, 11638, 11655
		Tokyo, Japan	✓9505 (and hourly to 1800)
9:00-9:30pm	0500-0530	Lisbon, Portugal	✓6025, 11935
9:15-10:15pm	0515-0615	Madrid, Spain	✓6065, 9630
9:30-9:50pm	0530-0550	Cologne, Germany	✓5960, 6100, 6185, 9545w, 11785w
9:30-10:25pm	0530-0625	Hilversum, Holland	✓6165b, 9715b

PST	GMT	Station	Frequencies (kHz)
10:00-11:00pm	M-F 0600-0700	Tu-Sa Buenos Aires, Argentina	9690
10:30-12:00pm	0630-0800	Havana, Cuba	9525

Frequency Changes of Interest:

Berne, Stockholm, and Vienna have moved their morning broadcasts to the 21 MHz band. Peking's morning broadcast at 1200 has not been found and may have been dropped. Ankara has added a new frequency of 11955 at 2130-2300. Berlin has added a second transmitter to their 0130 and 0230 broadcasts, on 11805. Berne has added a new frequency of 9660, but there is heavy jamming on this channel.

DX 160

MINOR IMPROVEMENTS FOR THE REALISTIC DX-160

by Mike Tiers, Vancouver BC

The Realistic DX-160 is a very fine set for the money, and can bring many hours of DXing pleasure for the owner. There are however, some circuit modifications that can be made to improve your DX-160. First of all, let's look at the S meter. When I first got my set, I noticed that the S meter would pin itself with a loud click when tuned to the weakest of signals. To solve this problem I took a 5 kohm potentiometer and placed it in parallel across the red and white leads running from the S meter. I drilled a small hole in the back of the set and mounted the potentiometer for easy access for adjustment. I soldered the wires from the potentiometer where the red and white leads run into the circuit board. Now that the S meter can be adjusted, you can calibrate the meter. You will need a signal generator. You can usually find old ones at your corner ham store for about \$45 on up (or borrow one). Once you get the generator, you will have to tune it to a 60 microvolt signal. Then attach it to your antenna terminal and turn the adjustment on the potentiometer until the S meter reads at S 9. Now your set has a truly accurate S meter.

Now we come to the Automatic Noise Limiter (ANL). This little device serves about no useful purpose and just takes up room in the DX 160. To add your own ANL you must go to the audio portion of your set. All you need for this adjustment is a 470 mf electrolytic capacitor and a switch. First of all, look at the wires that lead to the headphone jack. One wire will be white with a purple stripe on it. This is the wire that you will need. From this lead, solder the positive lead of the capacitor; then solder the negative lead to one of the lugs on the switch. Now, from the remaining lug on the switch, solder a lead to the chassis (or the black wire that runs to the headphone jack). This side of the switch is now grounded and when the switch is turned on the capacitor is put in parallel across the audio leads and will help to null some of the noise. There will be a slight drop in volume, but you can just turn up the volume slightly to compensate for this. The ANL will work whether you are using headphones or the external speaker. To mount the switch, I drilled a small hole between the headphone jack and the bandspread dial. Remember to use a very small switch, so you can mount it properly in the small space.

Ever wanted to tape a program off the air and find that there is no way to make a direct electrical connection? Well, with a phono plug and a piece of wire, you will be able to make those direct connections to your taperecorder. To do this, go to the white wire with the purple stripe that runs to the headphone jack (mentioned earlier) and simply solder a wire to it and run it to the phono plug mounted on the back of your set. To mount the phono plug, I drilled a $\frac{1}{8}$ inch hole in the back of my set and simply ran the wire from the headphone jack to the phono plug. The plug grounds itself out on one side so you only need the one wire. You can tape a show whether you use headphones or the external speaker.

If you want to attach a Q multiplier or use a digital readout, you will need some way of making a connection to the IF section of your set. To do this you must first of all find the white wire with the light blue stripe that runs from the RF gain control to R16. Now, where the two meet, simply solder a piece of coax cable to it. Remember to ground the braid to the chassis, and run this to a coax connector mounted on the back. Now you have an easy way to connect anything you want to the IF section of your set. Remember to use coax cable when making this connection and provide the proper shielding necessary when using the IF section.

If you want to use an antenna that is fed with coax cable and do not want to be constantly bothered with the messy fussiness of cutting back the plastic sheath and the braid, and would rather use the proper coax connectors, simply mount a chassis coax connector to the back of your set and then with a small piece of coax cable, run it to the A1 terminal of the strip terminal already on the set. Once again you will need the shielding here since you are going to have to run the wire right by the main power cord and you might pick up some unwanted noise.

For operating convenience on those long nights of DXing, I found a few things to make it a bit easier on yourself. First of all I put raised feet on the front of my set. I got this

idea from a book and from seeing the advantages for myself on my friend's FT-101. The raised feet give a better view of the front of the set so you are not always bending your neck when you want to see where you are on the dial. Also, I attached small bolts to the two tuning knobs so I could sweep over any portion of the band I wanted much more easily. These little cranks also help reduce hand cramps. For tuning in those weak stations packed close together, I recommend that you hold the whole knob for better accuracy in tuning.

Well, I hope these ideas will help all you DX-160 owners as much as it has helped me. A word of caution. If you don't feel too confident about doing something to your set, do not do it. Find someone who can do what you want done, you may save yourself from a lot of grief. Please write me if you have any suggestions, or with your opinions of what I have suggested. Mike Tiers, 2420 Queen's Avenue, West Vancouver, BC, Canada, V7V-2Y6

SUNSPOTS

SUNSPOTS CAN BE A DRAG

by Bill Whitacre, Lansing MI

Those of you versed in propagation will, I'm sure, agree with the above statement, at times. The first week in October was a prime example. As many of you tropical band DXers know, many good openings come on the upswing of the 27 day cycle, just before we get some unsettled or active geomagnetic activity. Unsettled and active conditions usually produce an A index of around 10 to 20. Well, the A index for October 1st was clear up to 65 and we were in the midst of a major geomagnetic storm! So what does all this mean? Well, it means that if you were trying to listen to almost any SW frequency on this date, you were plumb out of luck! And if you tried to do any tropical band DXing for the next week, you were again out of luck - it took that long for the ionosphere to recompose itself after the shell-shock of the initial bombardment of solar particles. The rising sunspot count only means that we will see more of this in the future and that if you don't get that DX on the upswing of a geomagnetic storm, you may well not get it on the downswing!

Sunspots can be a drag in another and more important way too. Recently astronomers around the world and particularly at NASA have been keeping a close eye on the sinking Skylab space station now precariously orbiting the earth. Last night on the CBS news there seemed to be some disagreement as to just when Skylab might be coming down (re-entering the earth's atmosphere - similar to the Russian satellite that came down last year). There were only two general things that the astronomers could agree on: 1) the U.S. doesn't have too much time to get the Space shuttle "on line" and go up there to push Skylab back out into a safe orbit, and 2) it was the increased sunspot activity that caused the Skylab to come in so far so fast! It seems that while the amateur radio operators were herringding in the new Cycle 21 sunspot eruption as a fantastic new adventure in radio, it is at the same time causing the Skylab to come dangerously close to falling out of orbit. The cause of the rapid orbital decay of Skylab is that the increased solar radiation has heated the upper atmosphere and caused it to rise, increasing atmospheric drag on Skylab and hastening its eventual fall. This increased solar radiation has come very rapidly in the new cycle. While the minimum of Cycle 20 was sometime during 1974 or 75, and Cycle 21 didn't even officially start until July 1976, it is already 2/3 to 3/4 of the way to its maximum level in just two years! It seems to be in a bit of a hurry considering it has some 11 years to make the round trip. That either means we are in for a long time with high solar flux readings and general noisy low band conditions or for a time of very slow decline to the Cycle 21 minimum or who knows. . .

All in all, the next few years should be very interesting propagationally speaking, and remember; if the Skylab does land in your backyard, do not touch it or approach it, just get on the phone and call Jack Webb and "Project U.F.O." or Dr. Hynek at Northwestern University, hi!! (NASA recently announced that Skylab WILL fall.)

Radio Saigon

THE SAIGON STORY

by John D. Tuchscherer, Neenah, WI

The following history of Radio Saigon, French Indo-China, was related by Jean Pipon, head of the English Department of Radio Saigon, on March 16, 1947.

"On a day in the summer of 1928, the Director of the French Radio-Electric Society, in his office in the Boulevard Hausmann, Paris, sent for his commercial agent. A customer had just arrived from Saigon, who wanted to buy a 12 kW shortwave broadcasting station. At that time, only the most important countries had such luxuries. The man must be mad -- or, at best, a very poor joker! When inquiries were made, however, it was found that the man, Monsieur Joseph de la Pommeraye, was a 'serious' prospective customer, who, with a group of friends, wished to 'endow' French-Indo-China with a powerful radio station. The commercial agent hastened to invite the gentleman to luncheon, and on this occasion learned of the forthcoming creation of the Franco-Indochinese Radio Company.

"Twelve months later, this company purchased a plot of ground at Chi-Hoa, on the outskirts of Saigon, and had buildings constructed there. Two engineers came from France, and also a fine orchestra -- certainly the best that Indo-China had ever known, for of the seven musicians engaged, five were firstprize winners from the Paris Conservatory.

"On July 18, 1930, the first Radio Saigon broadcast took place, in the presence of the Governorgeneral, Monsieur Pasquier. From the very beginning, results were excellent (except within a radius of about 150 miles and in Cambodia). Considerable improvement was achieved by the addition of new aerials.

"Letters came in from the four corners of the globe, so to speak. Listeners everywhere showed their enthusiastic admiration for France's fine effort. In Indo-China, however, the population was not well-equipped to hear the new station's broadcasts. In 1930, there were only 108 radio sets in the entire country, and these were of the loudspeaker type.

"It was suggested that the Administration should have at least one radio receiver installed in the public hall of every village. But, alas, nothing came of this idea, and what was worse, owing to the heavy expenses incurred, Radio Saigon was obliged to cease its transmissions on April 30, 1932. Letters of disappointment and protest poured in from all over the world. Yet, in spite of various press campaigns, 'The Voice of France in the Far East,' the name under which Radio Saigon was known to many hundreds of listeners, remained silent.

"In 1938, the matter was taken up in Paris and Indochina, and these negotiations resulted in the formation of the Indochinese Broadcasting Company. In January 1939, the transmitting apparatus was taken from Chi-Hoa and was installed in Phu-Tho. The studios were set up temporarily at the Radio-Electric Centre in Saigon itself. In March 1939, French radio specialists arrived on the Air-France plane. Thanks to their valuable help, the first broadcast from the new studio was given at 0700 hours on April 1.

"We carried on under considerable difficulties. There were frequent breakdowns in the technical equipment, which we were still waiting patiently to have renewed, and we were particularly short of gramophone records. Gradually then, both equipment and recordings began to arrive. Broadcasters became more varied and daily transmissions were given in French, Tonkinese, English, Dutch, Cambodian, Chinese, and Siamese. A tremendous mail arrived with every boat; in fact, about 60% of the letters received bore foreign stamps.

Then in September of 1939, war broke out in Europe. Radio Saigon found itself unable to continue as a private enterprise. Government aid was given and the 'Voice of France in the Far East' continued to be heard. Then came June, 1940--and the Armistice! All telephonic and telegraphic communications with France were broken, and so Indo-China was unable to receive any first-hand news from France. However, listeners continued to hear three daily news bulletins. But they hardly realized the tremendous amount of work involved for the staff of the station and for the Radio Control Service. For a month, the head of this Service could not have had more than two or three hours sleep each night. Surrounded by contradictory reports and telegrams, he was continually listening-in--hoping to find out what was really happening in France. Meanwhile, more technical equipment had arrived and Radio Saigon could now be heard throughout the French Empire.

"When the Japanese first arrived in Indo-China, they were, of course, much concerned with the radio and tried their best to turn the station into a pro-Japanese affair. They somehow managed to 'drag' from a timorous Government, rights of control over the station's broadcasts.

"But they met with stubborn Underground opposition --- at least from some members of the staff. I could make a long story of my Homeric struggle with their censors and the system of code signals established with other Allied stations --- but time does not permit. Everything went along more or less smoothly until March 9, 1945. That was the date of the Japanese 'cou de force' which resulted in their overthrowing the French Colonial government and taking full power.

There were but four of us present on the premises at 2130 hours when the place was stormed by a detachment armed from head to foot. They took us -- two men and two women -- as prisoners, without telling us what our fate might be. In the morning, they asked us to keep on working "with" them. We refused indignantly and were rather surprised that they permitted us to return to our homes. To be quite true, I must tell you that they fetched me shortly afterwards, took me to the Kempeitain, and took vengeance for all our past contests, I was very nearly beaten to death before they had finished with me.

"Meanwhile, their dream of transforming Radio Saigon into a branch of the Japanese propaganda service had come true. From March 10 to the beginning of September 1945, the station was operated by the Japs -- entirely and exclusively. When the British troops came in September 1945, the Japs had turned over the station to the Viet Minh, who abandoned it immediately.

"We began broadcasting again on September 26, and that was indeed a great day for those

among us who had devoted a large part of our activities to Radio Saigon for several years before the Japanese 'period'. Matters were not quite so easy as we might have wished, however, for part of our equipment had been sabotaged by either the Japs or the Viet Minh.

"But we made the best of it, and that lasted until April 8, 1946, another fateful day in the history of Radio Saigon. It was on that day that the arsenal which was just opposite our premises was blown up, the explosions lasting for some 56 hours. Radio Saigon was practically burned down, with all the technical equipment being utterly destroyed. The first explosion occurred at 1020, and we are proud to say that we resumed broadcasting at 1800. We borrowed whatever material we could find (from the Post Office Dept., and from the Army), installed it in a private house, and simply went on!

"To the present day (1947) we are still in that house -- working under difficult conditions, but making our 'Voice' heard the world over in eight languages, 15 hours a day. Our former building is being rebuilt.

"With the gradual improvement in our equipment, the number of overseas listeners to our English broadcasts is increasing. We will be delighted to verify all correct reports and hope that many of you will continue to keep us posted on the reception of Radio Saigon in your various countries."

Mailbag

Your editor's mailbag has received several letters regarding my article on selectivity in modern receivers. Thanks for all the kind comments. Apparently it was needed and I am glad it was of value to many of you.

Among the comments on the selectivity article was one by Perry Ferrell of Gilfer which is worth reprinting here. Perry says, "There are a lot of factors in "why" Japanese receivers are so broad (in selectivity) ... one reason is the power density of stations heard in Japan is substantially less than here in the States and particularly in Europe. . . secondly, cost is a BIG factor, those 6 kHz filters are only 50 cents in Japan, but the ones we're using for the 4 kHz selectivity is about \$11.00 wholesale . . . third, ease of alignment; an inexperienced technician can rapidly align a broad IF receiver, while tweaking a narrow IF receiver takes a moment more -- and I mean about 2 to 3 minutes, all of which adds up at the end of the week and is subtracted from the bottom (profit) line." (Thanks for shedding more light on the subject, Perry.)

Gilfer Associates, P. O. Box 239, Park Ridge, NJ 07656, is taking pre-publication orders for the 1979 World Radio TV Handbook (WRTH, WRTVH). Cost shipped via UPS is \$13.95 including a Gilfer Bonus Credit Voucher. For areas beyond UPS (i.e. Canada, Alaska, Mexico, etc.) add \$1.00 for mail delivery. They expect delivery in February, so get your order in soon, (before 29 Jan.).

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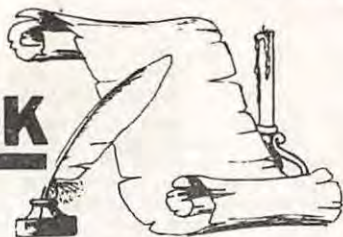
Greg Danylchenko, Fort Credit, Ont., sends an item from the Toronto Star that mentions secret Soviet studies of shortwave listening in the USSR that the author became aware of while in the USSR that suggests that in the early 1970's 1 in 6 adult Soviet Citizens hear some foreign radio broadcast. The article mentions that more than half of Soviet households radios that can pick up international broadcasts. Apparently Soviet Citizens can freely listen to international broadcasts or at least the author found it widely done. People in the USSR to whom the author talked realize their own news system is weak and turn to the VOA, BBC, and others to learn what is going on. The numbers of Soviets that listen to foreign broadcasts causes political problems for the Soviet news managers as they can no longer ignore problems and must hurry to counter western broadcasts. Studies conducted in this country, at MIT, indicate that in a crisis, perhaps half of adult Soviets would listen to a foreign voice for information.

(Editors comment with trepidation: If the above is true, and there is no guarantee one way or the other, then what alternatives do American Citizens have in a crisis, how many of them are equipped to listen to international broadcasts, half? The RCI studies cited earlier would indicate more like 5%.)

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Sorry for the poor quality headings this month. Christmas vacation prevented me from using my usual lettering. Thanks to our contributors. Good DXing in 79. *July*

Listeners NOTEBOOK



GLENN HAUSER
University Radio WUOT
Knoxville, TN 37916

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ENGLISH SCHEDULES **ZIMBAWE** (as RHODESIA is supposedly officially known from 1/1/79 -gh) RBC GS D78: 0355-0600 3396. 0545-0615 3396/7285. 0615-1530 7285. 1530-1545 7285/3396. 1545-close 3396. Sundays: 3396 at 0500-0615 & 1530-close; 7285 0500-1545. Note: 41m is 100 kW; 90m runs low power Sundays at 0500-0615. RBC African Service (partly in EG): 3306 at 0325-0615, 1515-close; 7175 at 0530-1545. Sundays: 3306 0500-0615 & 1515-close. 7175 0500-1545 (via Stu Klein, FL)

VIETNAM VOV sends this carbon-copied EG sked: 1800-1900 19 & 31. 2030-2130 19 & 31m. 0900-0930 25-31-41. 1000-1030 25-31-41. 1530-1630 25-31-41. 19m = 15012 & 14990. 25m = 12035. 31m = 10040. 41m = 7470. 63m = 4860 (sic) (via Greg Danylchenko, Ont., 3/12)

VATICAN VR 1700-1715 to Africa on 17900, usually good reception (Mark Giorgi, Massena NY)

U S S R BBC MS provides this R. Moscow World Service sked, including changes through 1/12; however, further changes are expected, possibly reduction in number of frequencies! (gh)

- 0400 17825 17805 17775 15460 15385 15175 *13820 12055 12010 11810 11800 11745 9720 9600 9450 7330 7240 7215 7195 7160
- 0430 17825 17805 17775 15460 15385 15175 *13820 12055 12010 11800 11745 9800 9720 9600 9450 7330 7265 7240 7230 7215 7195 7160
- 0500 21590 17840 17825 17820 17805 17775 15520 15470 15460 15385 15175 *13820 12055 12010 11810 9720 9600 7330 7265 7240 7230 7215 7195 7160
- 0530 21690 17840 17825 17820 17805 17775 17730 15520 15470 15460 15385 15175 *13820 12055 12010 11810 9785 9765 9720 9665 9600 7330 7265 7240 7230 7215 7195
- 0600 21590 17840 17825 17820 17805 17775 17730 15520 15470 15460 15385 15305 15180 15175 15130 *13820 12055 12010 11810 11745 9800 9765 9600 9450 7330 7230 7195
- 0630 21590 17840 17825 17820 17805 17775 17730 15520 15470 15460 15385 15360 15350 15305 15180 15175 15130 *13820 12055 12010 11810 11745 9800 9765 9600 9450 7330 7230 7195
- 0700 21645 21600 21590 21575 21530 17855 17840 17825 17805 17730 15470 15460 15360 15350 15240-sic 15305-sic 15175 12055 11810 11745 9765 9720 9600 9450 7330
- 0730 21645 21600 21590 21575 21530 17880 17855 17840 17825 17805 17730 17700 15470 15460 15360 15350 15305 15240 15195 15175 12055 11820 11810 11745 9765 9720 9600 9450 7330
- 0800 21645 21600 21590 21575 21530 17880 17855 17840 17825 17820 17805 17775 17730 17700 15460 15385 15360 15350 15240 15195 15175 15150 15130 *13820 12055 11975 11810 11745 9780 9765 9720 9450 7330
- 0830 21645 21600 21590 21575 21530 17880 17855 17840 17825 17805 17775 17730 17700 15460 15385 15360 15350 15240 15195 15185 15175 15150 15130 *13820 12055 12010 11975 11960 11810 11745 9780 9765 9720 9450 7330
- 0900 21645 21590 21575 21530 17880 17855 17840 17825 17820 17805 17775 17730 17700 15510 15460 15360 15350 15305 15240 15195 15185 15175 15150 15130 *13820 12055 12050 11975 11960 11810 11755 11745 11705 9780 9765 9720 9600 9450 7330
- 0930 21645 21615 21590 21575 21530 17840 17825 17820 17805 17780 17775 17730 17700 *15780 15510 15460 15395 15360 15350 15305 15185 15150 15130 15110 12055 12050 11975 11960 11810 11745 11740 11705 9780 9765 9720 9640 9600 9450 7330
- 1000 21645 21615 17900 17870 17825 17775 17730 17700 *15780 15510 15460 15440 15360 15350 15305 15150 15110 12055 11975 11960 11835 11820 11810 11740 11705 9780 9720 9640 9600 7300
- 1030 21645 21615 21575 21530 17880 17870 17855 17820 17805 17795 17780 17730 17700 *15780 15540 15520 15510 15460 15440 15350 15305 15150 12055 11975 11960 11835 11820 11810 11790 11770 11755 11745 11740 11705 9780 9720 9640 9600 7330
- 1100 21645 21615 21530 17880 17855 17820 17780 17730 *15780 15440 15350 15305 15220 15150 15110 12070 12055 11960 11820 11810 11790 11770 11755 11705 9780 9720 9640 9600 7330 5960 1251 630
- 1130 21645 21615 21530 17880 17855 17820 17780 17730 *15780 15525 15440 15305 15220 15150

12070 12055 11820 11810 11790 11770 11745 11705 9780 9720 9640 9600 9450 7330 5960 'MW
 1200 21645 21615 21530 21490 17880 17855 17820 17780 17730 15525 15520 15490 15440 15305
 15150 15135 12070 11820 11790 11770 11755 11705 9780 9720 9600 9450 7330 7205
 1230 21615 21530 21490 17880 17855 17820 17780 15525 15520 15490 15440 15305 15150 15135
 11820 11780 11770 11755 11705 9780 9730 9720 9600 9450 7330 7205 5960 1251 630
 1300 21615 21530 21490 17880 17855 17820 17780 15525 15520 15490 15440 15350 15305 15150
 15135 12055 12030 11975 11820 11810 11795 11790 11770 11755 11745 11705 9785 9780 9765
 9720 9640 9600 9450 7330 7140 7130
 1330 21615 21530 21490 17880 17855 17820 17780 17765 15540 15525 15520 15490 15440 15350
 15305 15150 15135 12055 12030 11975 11820 11810 11790 11770 11755 11745 11705 *10120
 9785 9780 9765 9720 9640 9600 9450 7330 5960 1251 630
 1400 21615 21530 21490 17880 17855 17820 17765 15525 15520 15490 15440 15305 15190 15150
 15135 12055 12030 11790 11770 11745 11705 9785 9720 9600 9450 7330
 1430 21490 15540 15305 15190 15150 15135 12060 12055 12030 11790 11770 11745 11705 9785
 9720 9600 7330
 1500 21490 17855 17700 15520 15150 15135 11770 11745 11705 9785 9720 9640 9450 *7490 7420
 7355 7330 7300 7175 7140 6050 5940 5920
 1530 17855 17700 15440 11770 11705 9580 9450 *7490 7420 7355 7330 7300 7175 7140 6050 6030
 6020 5940 5920 5900
 1600 17700 15350 12075 11860 11820 11700 9685 9590 9580 9565 *7490 7420 7390 7330 7320 7300
 7210 7175 7150 7140 6030 6020 6010 5940 5920 5900
 1630 17820 12075 11820 11770 9580 9565 *7490 7420 7300 7200 7175 6145 6030 6020 6010 5940
 5920 5900
 1700 12055 11770 11715 11630 9795 9590 9580 *7490 7440 7420 6300-sic 7210 7175 7150 6130
 6020 6010 5940 5920 5900
 1730 11770 11715 11630 9795 9720 9665 9590 9580 *7490 7440 7420 7300 7175 7150 6200 6130
 6030 6020 6010 5940 5920 5900
 1800 12055 11770 11630 9795 9720 9580 *7490 7440 7300 7185 7175 7150 6200 6130 6030 6020
 6010 5940 5920 5900
 1830 15520 12055 11630 9795 9720 9630 9620 9580 *7490 7440 7300 7175 7150 6200 6130 6030
 6020 6010 5970 5940 5900
 1900 15520 11630 9795 9720 9620 9490 *7490 7440 7300 7200 7175 6200 6030 6020 5940 5920 /
 1930 11630 9795 9720 9635 9630 9620 9575 9560 9490 7440 7175 6200 6030 6020 5940 5920 5900
 2000 12050 9845 9810 9795 9785 9760 9745 9630 9550 9490 *7490 7440 7330 7320 7300 7175 7150
 6200 6130 6030 6020 6010 5920
 2030 15180 12050 12020 9795 9620 9490 *7490 7440 7175 7160 7150 6200 6130 6090 6030 6020
 6010 1494 1143
 2100 17720 15470 15180 12050 12020 11775 11630 9810 9795 9785 9780 9760 9720 9635 9630 9625
 9620 9580 9575 9565 9560 9550 9500 9490 9480 9450 *7490 7440 7400 7340 7310 7260 7160
 7150 7135 6130 6020 6010 5905 1494 1143 936
 2130 17720 *16190 15180 12050 12020 11775 11630 9795 9780 9745 9720 9635 9625 9620 9575 9565
 9560 9490 7440 7390 7380 7360 7340 7320 7260 7160 7135 6010 5960 5905 1548 1494 1386
 1143 936
 2200 17720 *16190 15455 15180 15140 12075 12050 11775 11630 9810 9800 9795 9780 9760 9665
 9635 9630 9625 9620 9575 9565 *8125 7440 7400 7390 7360 7300 7260 7195 7175 7135 7125
 7115 7105 6010 1548 1494 1386 1143 936
 2230 17720 *16190 15455 15180 15140 12075 12050 11630 9810 9800 9795 9780 9760 9665 9635
 9625 9565 7440 7400 7390 7360 7300 7195 7175 7165 7135 7125 7115 7105 6010 5940 4860
 1548 1386 1143 936
North American Service - East Coast:
 2300 17720 *16190 15455 15450 15180 15140 12050 11600 9635 *7925 7440 7300 7205 7195 7165
 7125 7115 7105 6175 5940 4860
 0000 17720 *16190 15455 15450 15180 15140 12050 11600 9635 *7925 7440 7300 7205 7195 7165
 7125 7115 7105 6175 5940 4860
 0100 17720 *16190 15455 15450 15180 15140 12050 11600 9635 *7925 7440 7205 7195 7165 7125
 7115 7105 6175 5940 4860
 0130 *16190 15455 15450 15265 15180 15140 12050 11600 9635 *7925 7440 7260 7205 7195 7165
 7125 7115 7105 6175 5940 4860; Sofia 9700
 0200 *16190 15450 15265 15180 15140 12000 11600 9635 7440 7260 7205 7195 7165 7125 7115 7105
 6175 5940 4860; Sofia 9700
 0230 *16190 *15780 15450 15265 15180 15140 12000 11600 9635 9580 7440 7260 7205 7195 7175
 7165 7125 7115 7105 6175 5940 4860; Sofia 9700
 0300 21590 7440 7205 7195 7165 7115 7105 6175 5940 4860; Sofia 9700. All to 0400. W. Coast:
 0330 *16190 *15780 15265 *11600 9635 9610 9580 7260 7175 7125 6150
 0400 *16190 15265 *11600 9635 9610 9580 7260 7175 7125 6150 5900; All to 0730. * = SSB
Other R. Moscow English regional services: GB & Ireland 1900-2000 7150 6010 5980 1143.
Africa: 1630-1730 17765 15540 15520 12055 9720 9620 7210; 2000-2100 11630 9720 9635 9620
9575 9560 9500 9450 7400 7200. S&SE Ag: 1400-1430 15410 15385 11820 9795 9695 7270; 1500-
1530 12075 11820 9695 9625 7330 7320 7270 7205 7115 6080.
R. Station Peace & Progress: Africa: 1500-1530 17765 15440 15205 15170 11895. S&SEAs & FE:
1300-1330 21575 17710 15330 15175 11785 11720. 1330-1400 15460 12075 11720 9775 9695. 1430-
1500 15460 12075 11820 11800 11765 11750 9730 9675. 1530-1600 12075 11820 9680 9655 9580
9565 7320 7165 7150. 7340 7215 7150.
R. Vilnius 2230-2300 Eur 9580 7340 7215 7150 1557 1107 666; 2300-2330 Ams 17870 15240 15100/

R. Kiev 2030-2100 Eur 7260 6020 5970. 2200-2230 Eur 1242. 0030-0100 Ams 17870 15240 15100 9800 7215 7150 6020. 0300-0330 Ams *16190 *15780 15265 12000 11600 9635 9580 7320 7260 7215 7175 7125 5950. Voice of Armenia Sun/Wed/Thu/Sat 0325-0330 11690 9735 6150 to Americas. (ALL the above information from BBC MS, Oct & Nov) R. Moscow's GB&I service 1900-2000 said 2/12 because of 'not too good' reception two new frequencies would be added 1/1: 9.55 & 9.60 MHz (BBC MS 7/12) Best frequencies in ENAm for RMWS in mornings are 15150 Minsk 1100-1500 and 11770 Kiev 1100-1800. In the Nam svc, 15265 is a feeder from Irkutsk, 12000 Novosibirsk, 7300 Irkutsk Dec UHN) For a great deal more info on R. Moscow skeds and sites, see the Dec USSR HF BC Newsletter; 12 issue subscription is \$3 to Roger Legge, Box 232, McLean VA 22101. (gh) Interesting RMWS sites now audible in ENAm: Baku 21490 1200-1530; Frunze 11820 1100-1300; Leningrad 11755 1200-1400; Riga 15220 1100-1200 & 21615 1230-1400 (Roger Legge, VA, 13/12) RMWS very strong around 1900 on 9495 and 9795--seems beamed to Nam (Jim Conrad, IA) RMWS monitored lately at 2000 on 6010 9490 9795; 1800 on 9720 9795 11770; 1330 on 21490; 0030 on 5940 (Gerry Bishop, PA, since 27/10 to 12/12)

R. Moscow Nam Svc sked shows these month-by-month changes: till 31/1: 2300-0200 17.72, 15.45 15.18 15.14 12.05 7.44 7.20 7.19 7.16 7.11 7.10 5.94; 0200-0300 15.18 15.14 9.76 7.70 7.44 7.26 7.20 7.19 7.16 7.11 7.10 5.94; 0300-0400 9.76 9.70 7.44 7.20 7.19 7.16 7.11 5.94. 0330-0530 9.73 9.61 9.58 7.26 7.17 6.15 9.50; 0530-0730 9.73 9.61 9.58 7.26 7.17 6.15 5.90. From 1/2 till 3/3: 2300-0200 17.72 15.45 15.18 15.14 12.05 9.76 7.44 7.20 7.19 7.16 7.10 5.94. 0200-0300 15.18 15.14 9.76 9.70 7.44 7.26 7.20 7.19 7.16 7.10 5.94. 0300-0400 9.76 9.70 7.44 7.20 7.19 7.16 7.10 5.94. 0330-0530 15.14 9.73 9.58 9.50 7.26 7.17 5.90. 0530-0730 15.14 9.73 9.58 9.50 7.26 7.17 5.90. From 3/4: 2300-0200 17.72 (0100-0200), 15.45 15.18 15.14 12.05 11.86 9.76 9.71 9.68 9.66 9.53 9.50 9.49. 0200-0300 17.72 15.45 15.18 15.14 12.05 12.01 11.86 9.71 9.66 9.53 9.49. 0300-0400 12.01 11.86 9.71 9.53 9.49 7.20. 0330-0530 17.87 15.45 15.14 12.05 12.01 9.78 9.50. 0530-0730 15.14 12.05 12.01 9.78 9.50 7.17 (via Mac HQ)

U S A On 1/1/79, KGEI's one hour of Chinese will be back on the air, replacing an hour of English. We want to add a further hour of Chinese @ \$24.33 per hour (Steve L. Overstreet, KGEI Dir. of Pub. Ministries, 12/78) With KGEI's termination of all English pgms at the end of 1978, Asian Service Program Director Richard A. Dahlquist tells me he is leaving. KGEI has had a difficult financial year (Richard H. Miller, Jr., Weirton WV, 3/12) So much for the "Golden Gate to Friendship" 1000-1100 on 5980, and its alleged DX program... (gh)

AFRTS current sked: via Greenville: 1100-1400 & 1600-1800 15430; 1400-1600 15425; 1805-2400 11790; 0005-0700 6030. Bethany: 1100-1600 15330; 1600-2400 15430; 0000-0700 11790; 1100-0100 15330; 0100-0700 6030. Dixon: 1100-2130 & 0405-0700 11805; 2135-0400 21650; 1100-1800 9700; 1805-0700 17765 (Robert Jones, Sydney NSW, R. Australia DX 10/12) They have added as of 6/12 6030 Greenville to Caribbean at 1000-1100. Hopefully, downtime will gradually disappear (Louis Goldstein, Grove Hall MA, 5/12) Tax also to Dan Kosko for the 'official' AFRTS sked which does not take into account 5-min late s/ons as Jones does (gh)

UNITED NATIONS UN Radio D78 shows Mon-Fri UN newscasts, but I believe as usual after General Assembly session ends in Dec, cut back to weekly Fri + GMT Sat (gh) 1830-1835 Gvl 21590 19505 USB, 15410, Tan 15305. 2245-2300 Carib Gvl 15225 11920. 0522-0530 Gvl 9540 6055. 0545-0600 Gvl 9540 6135. 0652-0700 Tan 11770 7170. 0707-0715 Gvl 9540 6135. 1000-1005 DL 9565, DX 5955, Phil 15250. Also, "UN Africa" (rather than UN News) was sked Tue-Sat 0730-0745 Gvl 9540 6135; 0800-0815 Monrovia 17860 15235. Could this be the 'anti-apartheid' pgm? Standby frequencies for EG/FR broadcasts of meetings from Greenville: 21670 15120 15410 11960 11935 15415 11905 9620 9540 6135 6055 9625; when not needed some carry VOA; some are off the air (sked via Dan Kosko, OH)

more UGANDA, LN-5

UGANDA UBC ES hrd on 15250 ex-15235 1800 EG (Miki Vcelar, RSA, SCDX 28/11) ex-15235? (gh)

TURKEY (Cf Nov LN-1) VTO 2130-2300 freqs are targeted: 11955 & 7170 Eur; 6185 ME; 9515 Nam (R. Australia Japanese DX 26/11) Maybe further changes 1/1, per quarterly system (gh)

TANZANIA R. Tanzania ES Oct-Dec sked: 0330-0500 E&C&SAF 15435 6105 1025. 0900-1030 (Sat/Sun to 1530) Eaf 9750 1025. 1530-1915 E&C&SAF 15435 6105 1025; includes many 'clandestine' programmes (R. Tanzania via BBC MS 11/78) However, obs since 11/11 at 0330-0500 on 5985 ex-6105; 0900+ on 7165 ex-9750, which now relays DS in SH (BBCMS 30/11)

SWITZERLAND SRI 1315-1345 as of 18/12 changed 9765 (FE) to 11735; and 21630 (NAM) to 21570 due to QRM, as announced by Zanotti (Joel M. Rubin, NY) Per my advice on 21 Mhz (gh)

SWEDEN R. Sweden as of 11/12 changed 1400 Nam from 21505 to 21610, as announced 6/12 (Charley Hoffman, Manheim PA) Ignoring my advice that 21515 would be ideal open freq, they soon found that 21610 mixed with VOA during RS FR to 1400, and by 20/12 had shifted again to 12 21615 which is almost clear but heavier adjacent QRM than 21515 would have had (gh) gone 25/

SOUTH AFRICA SABC DS to SWAF & NW Cape D78: 11790 daily 0635-1520. 9680 0430 (Sun 0500)-s/off. 4835 0358 (Sat 0430, Sun 0500)-0635 & daily 1520-s/off. Springbok (part EG): 11935 daily 0637-1522. 9710 daily 0430-2200. 4810 0300 (Sun 0400)-0637 & daily 1522-2200. All-time service 2200-0300 (Sun morn 2200-0400) 3320 & 4810. Market Reports & Meat Prices Mon-Fri 1605-1650 3250. Radio 5 daily 0300-0530 & 1530-2200 3320; 0530-1530 7170 (SABC) MON-OMAN LN-6

PORTUGAL RDP ES to ME 1600 obs 27/11 on 15200 as well as sked 17895; not Suns (BBCMS 30/11)

NEW ZEALAND RNZ as of 5/11 moved 17860 to 17770 at 2015-0415 (R. Australia Club Forum 11/11)

NETHERLANDS (Cf Nov LN-1) RN has made EG sked changes: 0700 11720 ex-9770; 0930 11930 ex-7210 (Andrew Blumberg, NY) No, Engineering sked shows already used S78; 11935 (gh)

MONACO TWR D78 EG daily 0725-0900 7105 (R. Australia Japanese DX 26/11) Xmr site: FRANCE

MALTA "Malta Calling" Sats 2045-2115 have returned to 5980 (BBCMS 30/11) Cf Nov-LN-1. May be due to RMWS noted on 6010 at 2100 23/12 (gh)

KUWAIT RK 0500-0800 now on 9575 ex-17740 (BBCMS 23/11) On 17820 ex-17740 (Arthur Cushen, DX Juke Box 8/12; Heinz Purmann, GFR, SCDX 21/11) 1800-2100 to use 12085 Jan/Feb (Beehner, KOREA SOUTH (Cf Dec LN-1) R. Korea sked effective 2/10 does not show the 1500 xmsn on /SC 7275, but lists an additional xmsn, 0530 on 9870 (via Wilder Pickard, Evanston IL) DX)

JORDAN HKBS fair-to-poor, f/in usually around 1645 on 9560, f/out 1715 to 1730 (Steve Webster, Ont.) Actually s/off is at 1730 (Syd Osterman, Ont.) 'Tis the season... (gh)

IRAQ Another conflict of 2 stns in EG to NAM same time & fq; Baghdad 11935 over/under Lisbon 0300-0400 8/12; ex-11925, 11905, etc. Worst choice yet (Richard E. Wood, Plymouth NH)

GUAM (Cf Dec LN-1) K1WR D78 matches except 1430-1500 on 15215 not 15135 (Bob Padula, Dec. ADXN; Roger Legge, VA)

GREECE (Cf Dec LN-1) VOG replaced 9610 with 9515 at 0215-0230, noted 24/11 //9760 (gh, OK) 9515, Turkey's favorite! also //11730; all excellent 8/12 (Richard E. Wood, NH)

GERMANY EAST RBT D78: 0445 ESWAF 11960 9500. 0645 SEAs 21465 17740 17700. 1200 SEAs 21540 21465 17880 15320. 1315 CAF 17755. 1400 SEAs 21540 21465 17880. 1530 SEAs 21465 17880. 1730 Eu 1359. 1800 ESWAF 15170 15145 11875. 1830 Eu 9730 7300 7185 6115 6080. 2000 CSWAF 17730 11810. 2115 Eu 7260 1359. 45min ea (BBCMS 11/78) Cf Dec LN-13 for NAM (gh)

FRANCE RFI "Paris Calling Africa" more recent D78 sked than Dec LN-1: 1700-1800 on 21620 21580 17860 17850 17795 17735 15425 15360 15300 15210 11845 (via Andrew Blumberg & W. Pickard)

ETHIOPIA VORE sked postmarked 8/11 lists EG: 1500-1600 & 2100-2200 on 7165 & 9615; 1600-1700 on 7110 & 5990 (Andrew Blumberg, Brooklyn NY) Coupla new xmsns there (gh)

ECUADOR HCJB as of 11/12 on 9745 ex-9560 to NAM 0030-0700 (DX Party Line via Marco Torre, Cardiff CA) 9745 is experimental; we will be reviewing all reports and make a final decision during the last days of Dec (Roger Stubbe, HCJB, 28/11 via NASWA HQ) 21480 has now been replaced by 11795 in the 1800-2200 period for Eur (Bob Padula, Dec ADXN) Not as of mid-Dec!

CHILE LVCH has made some pgm adjustments; anmt 23/11 during 1100-1130 xmsn hrd on 17815 & 15110 said EG was at 0100, 0230, 0500, 1100, 1400, 2030, 2230 (BBC MS 30/11)

CZECHOSLOVAKIA R. Prague: GB & Ireland: 1630-1657 5930 7345; 1900-1927 5930 7245 7345; 2000-2027 5930 7345; 2130-2200 6055 1287. Nam: 0100-0157 & 0300-0357 5930 7345 9540 9630 1190. Af: 1530-1625 6055 7345 9605 11990 15110 17705 17840; 1730-1825 5930 7345 9605 11990 17840. S&EAs & Pac: 0730-0800 & 0830-0900 (Sat/Sun -0930) 11855 17775 21700; 1430-1457 7345 9605 11990 15110 17705 17840. Interprogramme 15 min EG 0745 0845 0945 1045 1145 1245 on 6055 9505 1287 1070 (R. Prague via Pete Grenier, CA; Mac Leonhardt, IN; and BBC MS which also shows 5930 at 1430 and 1530)

CHINA R. Peking: 0000-0100 ENAm 17680 15520 15060 8300 6810. 0100-0200 ENAm 17680 *17490 15600 15520 15060 12055 11455 *10865 8240. 0300-0400 WNA 17532 15300 15060 12080 12055 11685 *11630 10865 8240. 0400-0500 WNA same minus 12080. 0830-0930 ANZ 17635 *15480 15045 15030 12450 11720 11600 9500 9460. 0930-1030 same. 1200-1300 ENAm 9820 6995 5250. 1200-1300 SEAs 17805 *15480 15270 12450 11650 9290. 1300-1400 same. 1400-1500 SAs 15080 11650 9860 6810 5295. 1500-1600 same. 1600-1700 ESWAF 9960 9860 6860 5295 4020. 1700-1800 same. 1800-1900 SAs *8660 6590. 1930-2030 N&WAF 11302 9880 8345 7620 *6550. 2030-2130 same exc 6550 not *. 2030-2130 Eur *8660 7470 6860 6590 6270. 2130-2230 same. * = suppressed carrier SSB (BBC MS 11/78)

CANADA Ever wonder just where the main lobe of RCI beams goes; and where is directly off the back from African & European beams that are heard so well in NAM daytime? 232° down the eastern seaboard toward Savannah: 0300 on 11845. 240° toward New Orleans: 0100 on 5960; 1545 & 1645 on 17820; 1900 on 17820. 248° via Albany NY & Knoxville TN: 1545 & 1645 15325; 1900 on 15325 & 11905 & 2000 too; 2130 on 15325. 253° Pittsburgh-Memphis-San Antonio: 0200 on 5960, 0300 & 0400 too. 268° Detroit-Kansas City-Tucson: 0300 on 9755. 272° Milwaukee-Des Moines-Mexical: 2000 on 11945. 277° Green Bay-Stoux Falls-Cedar City-Santa Barbara: 0200, 0300, 0400 on 9535; 1800 & 1900 15260 & 17760; 2000 17820; 2130 17820 & 15150. 285° Duluth-Idaho Falls: 2130 on 11945. 227° 2300-0100 on 5960 cuts right across Florida, missing rest of USA, to assure all those Canadians in Florida get the best signal. From this, "As It Happens" claims it goes 'around the world on shortwave' (gh)

CAMBODIA R. Democratic Kampuchea anc'd 27/11 that it would begin foreign lang BCs on 9695 as from 1/12; EG 2330-2400, 0000-0030, 1130-1200 & 1200-1230 (BBC MS 30/11) First EG xmsn hrd at 2330 30/11, on 9693 (BBC MS 7/12) On 5/12 moved to 6093; 0000, 1130 & 1200 are repeats of 2330, which includes news and the occasional commentary (BBC MS 14/12)

BURMA BBS on 5985, EG at 1430-1600 is very good from 1430 to about 1530--very professional & no BBC rebroadcast--their own! News and much music--popular rock (Doug Fisher, Montecito, CA)

AUSTRALIA R. Australia anc'd that ball-by-ball commentaries on cricket test matches be- CA) ween England & Au would be BC from 1/12 at 0100-0800 on 21570 to As; 15240 Pac (BBCMS 30/11)

ARGENTINA RAE 0600-0700 on 9690 covered by DW on same freq in GM to ANZ (Marco Torre, CA). That way for many months, now; and nobody seems to care, least of all DW (gh) (D. Fisher CA)/

AFGHANISTAN 10-11/11 RA tested 11985/11805 1830; since then 11805 (BBCMS 23/11) 1400 4775 gd

OTHER SCHEDULES

ZAMBIA 17895 is not inactive from ZBS, but used Sun only at 1052-1215 //11880 (World SW Radio Frequency List 11/78)

VIETNAM R. Hoang Lien Son has widely changed sked; Nov monitoring reveals: +0935-1000 Std Chinese relay of FS //10010, 1000-1015* & *1200-1230 Viet, 1230-1245 minority lang, 1245-1300* another minority lang--all on 5595; no more at 1130 nor 1400. R. Lai Chau remains unheard on 5931 (Isao Ugusa, New Far Eastern DX Review 30/11)

U S S R Since 25/10, Radiostantsiya Tikhoy Okean pgm from Vladivostok is daily, in Russian: to Bering Sea, Aleutians, Coastal waters of Alaska & USA: 0700-0800 15310 12020 9810 9620 9600 9500 7320 7210 6190 5015 4484 4050 3995; 1930-2030 7265 7125 5015. Hawaii, Marshall Is, W Pac: 0700-0800 21505 15280 11900; 1930-2030 11900 9610. ANZ, Caroline Is: 0700-0800 15385 15130; 1930-2030 9625 9480 7280. E&S China Seas, Andaman Sea: 0700-0800 17850 15295; 1930-2030 15420 11720 9685 9450 7315 5960 (Takahiro Saito, Urawa via JADX, via ADXN 12/78)

Tuvinskoye Radio pgm, from Tuva ASSR, noted via Yakutskoye Radio 7345 //7265 0930-1000, followed by Local Yakutsk pgm (Shin'ichi Abe, Tokyo, JADX, via Dec ADXN)

Radiostantsiya Rodina sked to NAM 2330-2430 7150 7215 9800 15100 15240 17870; 0200-0300 on 7215 7290 9800 (JHN) All-Union Radio SW Frequency Usage: 6100 23-02 7355 08-13

Pgm-I	7420 02-08	Pgm I-B	Pgm I-C	9785 04-15	6090 00-04	7140 17-20
span 02-22	6822½ 02-03	span 21-17	span 23-19	9690 06-17	6065 23-08	4860 15-20
16030 04*17	& 18-22	15545 03-10	19845 03*14	9490 23-19	5995 23-02	more Pgm-I
15470 07-14	5910 02-06	14850 03*14	19725 04*15	9240 15*19	& 17-19	7350 17-21
15435 02-15	& 13-22	12030 03-17	16330 03*17	& 23-04	5900 23-19	7340 02-06
12250 03*17	Pgm I-A	11845 03-05½	15410 04-14	9210 00-04	5470 23*02	6100 02-04
12045 06½-16½	span 19-05	11785 02-08	15275 04-12	7400 23-05	& 14*19	6080 02-04
11920 06-12	16250 02*13½	9810 02-04	15170 04-10	& 12-16½	5290 23*05	6075 15-21
11910 04-08	15490 01*08	9500 02-03	15140 07-10	7380 23-08	& 14-17	6055 13-22
11735 05-15	15480 04-10	9210 14*17	12175 03*16½	7345 09-16	Pgm III	5930 02-10
9795 02-10	15460 02-08	7355 22-01	11795 03-12	7325 12-19	span 04-20	5920 02-08
9775 05-14	13590 23*15	13-15	11750 05-14	7235 02-05	11795 12-20	* in time
9670 06-15	12020 23-08	7335 21-06	11700 04-13	7210 23-05½	11690 05-16	means SSB
9210 17*22	9150 19*00½	6987½ 21*03	11630 04½-14	6920 17*19	9570 07-17	ftg changes
7440 09-15	--more Pgm-I at right!	sry	10855 03*14	& 23*03	9540 07-16	(BBCMS Nov)

UGANDA UBC informed ES listeners that it would start additional svc 9/12, 0900-1100 on 6030 in SH, EG, FR, presumably replacing relay of DS Red Channel for E&C Af (BBC MS 14/12)

SWITZERLAND Red Cross BC Service and it has been authorized by Swiss PTT to broadcast every month instead of every two months from Nov 78 (cf Dec LN-11), on the fourth Monday of every month in EG & FR, and on fourth Wed of every month in GM, SP, AR; at 0600-0700, 1130-1230 and 1700-1800 on 7210 kHz (BBCMS 7/12) Note that former 2200-2300 xmsn not mentioned. Nor are beamed xmsns on Tue & Thu of active week, around 1000 GMT on regular SRI freqs, which are still occasionally reported by DXers. Furthermore, the Wed following the 4th Monday will sometimes be the 5th Wed, depending on the month! (gh)

SWAZILAND TWR non-EG D78: Afrikaans 04-0645 3200 9730, 0600-0900 4760 11955, 1200-1545 9730 and 1630-1800 7280, Chewa 1530-1545 Su/Mo/Fr/Sa 11910, French 1400-1415 Sun-Thu 11955, 1415-1500 & 1915-2000 11955, German 0400-0430 3275 9530, 1600-1630 7280, Herero 1845-1900 Mon/Thu 1190 5950, Lingala 2000-2015 11955, Lomwe 1430-1445 Sun/Mon/Sat 11910, 1845-1900 Sun/Mon/Sat, Macua 1430-1445 Tue 11910, 1845-1900 Tue 7135, Malagache 1400-1415 Fri/Sat 11955, Mbundu 1845-1900 Sun/Sat 11910/5950, Ndebele 0330-0345 3365, 1800-1815 5950, Pedi 0300-0315 Sun/Tue(Wed)/Sat 3200, 1615-1630 same days 5950, Portuguese 1445-1530 11910, 1900-1950 11910 7135, Shangaan 0315-0330 Mon/Tue/Wed 3275; 0315-0345 Sun/Thu/Fri/Sat 3275, 1545-1600 Mon/Tue/Wed 5950; 1545-1615 Sun/Thu/Fri/Sat 5950, Shona 0300-0330 3365, 1800-1830 9720, Sotho 0300-0315 Thu/Fri 3200, 1615-1630 Thu/Fri 5950, Swahili 1545-1630 11910, Tshwa 0300-0315 3275, 1530-1545 3950, Tswana 0300-0315 Mon 3200, 0315-0345 3200, 1615-1630 Mon 5950, 1630-1700 5950, Xhosa 1815-1830 5950, Zulu 0300-0330 3240, 1700-1715 Wed/Sat 5950, 1715-1745 5950. Daily u.o.s.; subject to change (via Colin Miller, Stu Klein, John Tuchscherer, Charley Hoffman)

SOUTH AFRICA SAUK Afrikaanse Diens to SW Af & NW Kaap D78: 11885 0636-1521 daily; 9560 0427 (Sun 0457)--close down. 4880 0348(Sat 0427, Sun 0457)-0636 & 1521--close down (SAUK)

SA'UDI ARABIA New xmtr site shown for D78 in ITU-THFBS as Diriyya, 46°37' E, 24°39' N, near Riyadh, for which these freqs were formerly listed: 6000 7220 9720 at 1000-2300 & 0300-0730. Jeddah still listed on 9670 11855; 11950 also Diriyya (Murray Dalrymple & Rob Williams ADXN)

BSKSA AR DS on SW: 0300-0500 11950 9720 9670 7220 5875. 0500-0730 15060 11950 11870 11685 9720 9670 7220 5875. 0730-0830 21505 15060 11870 9670. 0830-1000 21505 15060 11870. 1000-1600 21505 15060 11950 11870 9720 9670 7220 5875. 1600-1700 21505 11950 9720 9670 7220 6080 5875. 1700-2100 15060 11950 9720 9670 7220 6080 5875. 2100-2300 11950 11685 9720 9670 7220 7110 6080 5875. Holy Qur'an Station 1500-1800 on 15175, 1800-2100 on 11685 (BBC MS 30/11)

PHILIPPINES Since 1/11 ICA has been using 26000 kHz for RITY 2330-0400 Mon-Sat from Porco to Australia; 21490 previously to Au now to Indonesia (Robert Jones, ADXN) This isn't a utility operation (Peter Bunn, Ed.) Then what is it? Are we calling radio-teletype traffic broadcast-estate now?? (gh) R. Veritas Asia non-EG D78: 0030-0100 Sinhala 11725 15275 17710. 0100-0130 Thai 15275 17710. 0130 Burmese, 0200 Telugu, 0230 Tamil -0300, 0330-0400 Viet all on 15275 17710 15135. 0930-1000 Indo, 1000-1030 Chinese, 1030-1100 Japanese all on 9605 11805 & 15215. 1100-1130 Chi, 1200-1230 Burmese, 1230-1300 Thai all on 9590 11805 15165. 1330-1400

Sinhala, 1400-1430 Tamil, 1430-1500 Telugu all on 9590 11955 15165. 1500-1530 Viet 9605, 11825 15215. 2130-2200 Japanese, 2200-2230 Chinese, 2230-2300 Viet all on 9740 11725 15275. 2300-2330 Indo, 2330-2400 Chi on 11725 15275 17710 (via Bill Matthews, OH)

OMAN BBC Eastern Relay sked: WS: 17770 0900-1230 ANZ & As, 1230-1330 As. 15310 0900-1515 AuPaCas. 11955 0230-0330 As; 9590 0300-0315 ME. 7250 1700-1830 As & ME, 1830-2030 ME. Arabic: 11740 0345-0445, 7140 1700-2000. Hindi 0050-0110, Urdu 0110-0140, Hindi 0140-0200 all on 6140. Hindi 1330-1345, Bengali 1345-1430, Hindi 1430-1515, Urdu 1515-1600 all on 11910 (BBC Engineering Dept., London, via R. Australia Japanese DX 3/12)

NEPAL ITU THFBS D78 shows these registrations for Kathmandu: 7105 100 kW 2200-1900, 7165 100 kW 2200-1900, 6100 100 kW 2200-1900, 9590/11970/15200/17800 same power & times; all for Area 41 = India (Rob Williams & Murray Dalrymple, Dec ADXN) I think they have tested on all of these for brief periods in past year but made no regular use of them (gh)

MONGOLIA R. Ulan Bator on new 4850 hrd with First Pgm to 1200, then relay Moscow Mongolian to 1245; local pgms to 1330; Mon & Fri 1330-1400 Russian to USSR; local 1400-1500 //4080 4762 5033; believed new xmtr of higher power, built by agreement with R. Moscow (Shin'ichi Abe, Tokyo, JADX Newsletter, via R. Australia DX 3/12) Cf Dec LN-7--Altay City? (gh) LN-9!

MONACO TWR D78: 1=Sun, 2=Mon, etc. 1300-1415 17 11750 Russian
 0415-0430 1 9545 Armenian 1345-1400 23456 11750 Turkish
 0530-0615 17 9575 Russian / Ukrainian 1330-1345 1267 7260 Albanian, Serbo-Croat
 0530-0545 1234567 9575 Russian 1345-1400 12 7260 Macedonian, Romanian
 0725-0900 1234567 7105 English 1430-1500 1234567 7245 German (1st Wed=Swiss)
 0900-1100 1 9610 English (via 1430-1500 1234567 9625 German
 0745-0800 1 7230 Yiddish Roger 1500-1515 7 7245 English (DX Special)
 0805-0820 1 11705 Turkish Legge) 1505-1520 1234567 11750 Ukrainian, Russian
 0830-0905 1 7230 German 1505-1520 25 9735 Russian
 0905-0920 1234567 7230 German 1520-1625 1234567 11750/9735 Russian, Ukrain.
 0905-0920 234567 9610 German 1630-1700 1234567 9735 Polish
 0940-0955 7 9610 Eng (DX Special) 1630-1800 1234567 6215 Czech, Hungarian,
 0925-0955 1234567 9675 Czech / Slovak / Hung. Slovak, Croatian, Romanian
 1000-1030 7 9610 Dutch 1705-1730 1234567 9575 Norwegian, Swedish
 1030-1100 2345 9610 EG Mon to 0945 -sic 1735-1805 1234567 7275 Eston., Lat., Lith.
 1105-1120 1234567 7230/9610 German 1805-1835 123567 7275 Ukr., Russ., White Rus.
 1145-1200 1234567 7230 French (Tue/Wed/Sat to 1835-1905 1234567 7275 Russian
 1215, Thu/Fri to 1230) 1805-1830 1234567 7230 Norwegian, Swedish
 1200-1215 1 11750 Greek sic 1830-1845 1234567 9525 Armenian
 1220-1255 1247 5965 Italian (Sun to 1255) 1845-1900 1234567 9525 Arabic (Sun to 1915)
 1300-1315 1234567 7260 Spanish (Sun to 1330) 1930-1945 1234567 9525 Hebrew (Sat 1915-1945)

MALTA "R. Mediterranean" on air since 23/11 1800-1900 in AR, EG, FR on 5960 and 1557. Each 20-min lang segment begins with 10 min nx, mx, cultural pgm. Maltese govt, per DPA news agency, financing this in partnership with Libya's General People's Congress, Socialist and Communist parties from France, Greece and Yugoslavia, and the PLO. DW disclaims any responsibility or connection with it (BBC MS 7/12)

LESOTHO R. Lesotho, DS from Masetu on 4800, 0400-2105 Mon/Thu/Fri/Sat; 0400-2050 Tue; 0400-2135 Wed/Sat. News in Sesotho 0415-0420 ex Sun; BBC WS nx relay daily 0500-0515 (BBCMS Nov)

LEBANON (cf Nov LN-2) Per ITU THFBS, R. Lebanon D78: 1830-2030 15350, 2300-0100 15340, 0130-0330 11785 are registered (R. Australia Japanese DX 12/11) But are they used? (gh)

KOREA SOUTH It surprised me that R. Korea in FR on 9720 at 1700-1730 was for Nam; often readable in the past, but I think RMWS has come up on the frequency (Wilder Pickard, IL) Other RK non EG xmsns designated for Nam: Korean 0600 & 1630 on 9640; 1630 & 1830 on 9720; 2100 on 11860. Spanish 2030 on 11860; half hours (R. Korea sked eff. 2/10; maybe thru Dec)

ITALY (Cf Dec LN-6) R. Milano International, look at 6128 kHz, testing 350 watts, 24hp (Dario Monferini, Milano, 25/11) 6128-33 hrd between 0630 and 1800 on 6/11 and 10/11 (Monferini, PLAY-DX) RMI not heard here on 6130 (Charles A. Wooten, Napoli, 10/12) QSL received by mail in 15 days along with sticker; tests on 6130 will soon be resumed (Monferini, PLAY-DX 15/12) Testing 6132z; not on air last few days (Fabrizio Magrone, Dec DSWCI SWN)

ISRAEL Some changes to our D78 sked: 0345-0435 11638 ex-15105; 0400-0455 15540 ex-15530; 1200-1300 11840 ex-11845 (Tuvia Keenan, IBA, 9/11)

GUAM KTWR D78 Xmt I: 0845-1000 Mandarin 17830; 1000-1057 Indonesian 15135; 1058-1130 Cantonese, 1130-1300 Mandarin, 1300-1330 Viet, 1330-1357 Indo, 1358-1430 Russian, all on 11850. 2158-2257 Indo 15235; 2258-2400 Mand 17855. Xmt II: 0845-1000 Japanese 11810. 1058-1130 Cantonese, 1130-1300 Mandarin 17885. 1300-1330 Viet 1330-1357 Indo, 1358-1430 Russ 15215. 2055-2130 Russian 11750, 2130-2230 Jap 15135. 2230-2257 Viet, 2258-2400 Mand 17830; 0000-0030 Russian 15175 (via Roger Legge, VA)

GERMANY WEST R. Bremen sked shows 50 kW on 6190 1400-1700 Sun-Fri, 0800-1100 Sat. The xmtr also carries SFB, Sun-Fri 2300-1400, 1700-2300. On Sats SFB on 6190 continuously except for break 0800-1100 (Peter Bunn, R. Australia Japanese DX 12/11)

GABON Moyabi S78 registrations with ITU THFBS: 5955 0500-2400 CAF. 6030 1800-2400 S&SW Af. 7135 0500-2400 C& SW Af. 7135 1800-2400 SE Af. 7270 0600-1800 CAF. 9530 1800-2400 S&SW Af. 9585 1800-2400 NE & ME. 9685 0600-2400 C&SEAF. 11835 0600-1800 NWAf. 11965 2100-2400 EUNAf.

15250 0600-0900 Eur/Naf. 15250 0600-1600 S&SW Af. 17725 0600-0800 NE/ME. 17725 1800-2400 SA. 21715 1000-1800 SA (via David Sapsford, UK, ADXN Dec) What's "SA" --Saf? Besides being out of date now, as far as I know this station was still not on the air, but this may give us a clue to their future intentions; see also FUTURE PLANS (gh)

FRANCE RFI to Nam in FR 1155-1715, mostly "France-Inter" simulcast, now on 17775, 21595, 21645 (via Wilder Pickard, IL)

EGYPT Recent survey of R. Cairo ES reveals in addition to AR to SA 0200-0300 11715 & 9740; 0330-0430 Nam 9475, there is a new "Voice of Egypt" BC at 0000-0200 on 6230. R. Cairo also beams AR to S&SEAs 1115-1215 on 17920 (BBC MS 14/12)

CHINA R. Peking DS Pgm I, at 2000-1735 exc Tue; 2000-0530 & 0855-1735: 17605 0303-0740. 15590 0033-1115. 15550 0103-0930. 12120 2300-0800(Wed/Fri -0600). 11610 2333-0300 & 0743-1300. 11330 2318-1130. 11290 2000-1735. 10245 2333-0100 & 1100-1230. 9080 2000-1735. 9064 2000-1735. 7935 2000-2330 & 1303-1735. 7504 2318-1320. 7095 2000-0100 & 1100-1735. 6750 same. 6665 2000-1735 (not 0457-0830 Fri). 6225 2000-0100 & 1100-1735. 5960 2000-0100 & 1100-1735. 5320 2000-0100 & 0933-1735. 4905 2000-2300 & 1100-1735. 4800 2000-0100 & 1100-1735. 4460 2000-2430 & 1118-1735. 4180 2000-2315 & 1323-1735. 3660 2000-2330 & 1233-1735 3220 2000-2315 & 1133-1735. Pgm II: 15030 0000-1100. 12200 0103-1000. 11515 1103-1357. 11505 2300-1500. 11040 0133-0900(Tue -0530). 10260 2333-1300. 9670 0700-1120. 9020 2100-1600. 8320 0700-1315. 8007 2100-2400 & 0700-1600. 7770 2100-1600. 7190 0033-1100. 6345 2100-0130 & 0903-1600. 5163 2100-2400 & 1123-1600. 5075 2100-0100 & 1003-1600. 4850 2100-2400 & 1318-1600. 4250 2100-0030 & 1103-1600. 3290 2100-2330 & 1303-1600, the span being 2100-1600 (exc Wed & Fri 2100-0600 & 0950-1600) (BBC MS 11/78)

CAMBODIA Voice of the People of Kampuchea will begin regular broadcasts 3/1, on 760, 7540 and 7770 kHz, at 2300-2400, 0400-0430 and 1130-1200 (R. Hanoi, via Bernard Chenal, France, via SCDX 19/12) R. Democratic Kampuchea anc'd that DS pgms would change 1/12, on 4908 and 918 kHz: 2230-2400, 0400-0500 and 1030-1500. On rest days (10th, 20th and 30th days of each month), xmsn extended to 2230-0200, 0400-0500 and 0900-1500 (BBC MS 30/11) Looks as if revolutionary Cambodia has abolished the 7-day week in favor of a 'decimal' 10-day week! (gh)

BURMA Current recheck of Voice of Burma on 4724, reveals *1030-1545* exc Suns to 1445*. 1030 Kachin, 1100 Kayah, 1130 Sgaw Karen, 1200 Pwo Karen, 1230 Chin, 1300 Mon, 1330 Burmese, 1345 Arakanese, 1415 Shan, 1445 (exc Sun) Burmese (Isao Ugusa, New FEDXR 30/11)

BRAZIL R. Iguatemi, 3295, now 24 hours (Tony Jones, Paraguay, 6/12)

BOLIVIA (CF Nov LN-3/4) Amendments as of 427:

3355 CP114 R. San Miguel, no def. ID, but thought this, hrd to 0200* since late Nov; too much QRN for positive ID; believed unstable 3370 xmtx rather than freq change
4740v CP147 R. Mamoré, currently being heard on 4737.5
4805 CP131 R. Frontera, weekday s/on now 1000, ex-*1030
4823 R. Grigotá, currently on seasonal *0930, for educational programs
4875 CP75 R. La Cruz del Sur, daily *0930; local Mon-Fri 0300*, one half hour earlier
4965 CP90 R. Juan XXIII, local weekday to 0230*; local Sun still 0130*; 6/12 *1030; don't know if regular; still *0930 during Nov
4992 CP163 R. Ánimas, s/off occasionally 0300, still 0400* in general
5312 R. Roboré, 5012 was a mis-type; sorry!
5660 R. Pacheco, 2315-0200v (0200/0215/0230)
5965 R. Nacional Huanuni, now 1000-0200
6005 CP58 R. Progreso, no longer comes on SW at s/on; reverted to former habit of F/in 1000
6091 CP161 R. Stentor, now 0900-0400; freq ex-6173; still 6125 nominal
6215 R. Nuevos Horizontes, settled here ex-6293v, sked 1045-1930 & 2130-0230. However usually f/in 1100+ and s/off is variable (Tony Jones, Paraguay)

ARGENTINA R. Rivadavia, B.A. has this sked: 4557 0000-0500, 5883 2300-0400, 9115 1800-2400, 10680 1700-2300. However, hrd 0130 12/11 on 10680 (Hector Sly, Ont., Dec DX Ontario)

MISCELÁNEA RADIAL ZIMBABWE (CF Nov LN-6 KENYA) 11950 suspected Kenya is 2nd harmonic of RBC African see 5975 (Kofinek, DSWCI)

YEMEN WEST (actually this is just plain YEMEN, as opposed to YEMEN SOUTH; previously referred to as YEMEN NORTH, but a look at the map shows it as much WEST as NORTH of SOUTH YEMEN) R. Sanaa noted on two xmtxs simultaneously 4853 and 4975 // with AR, good 1500-1530 (Peter Bunn, R. Australia Japanese DX 10/12)

YEMEN SOUTH Aden radio obs on new 6005, opening at 1500 with full ID in AR; may be replacement for 7190, not audible at this time, GS in AR (Peter Bunn, R. Australia DX 10/12)

VIETNAM Ho Chi Minh City noted on 9623 in Viet at 1330 (Noel Green, BBC WRC 1/12)

VENEZUELA As of 11/12, R. Nacional's IS not hrd on 15400 since Sept (SWNS) Seems to be a regular pattern of prime activity circa August, tho not so enunciated (gh)

U S S R Per a recent study published by BBC and FBIS, R. Moscow broadcasts weekly for the exterior in 84 languages for 1999 hours, followed by USA, 1805 h in 58 langs, China 1437 in 44, Egypt 1091 in 31, West Germany 795 in 37, and UK 727 in 37 (OCS-N via Nov L'Onde) Moscow figures probably outlined by RMWS changes (gh) New RMWS made possible in part by introduction of 24 new 500 kW xmtxs, which sources in US say are more powerful than any this country

uses...new service is being seen in some circles as Soviet attempt to establish signal dominance /in out of band frequencies/ before WARC (Broadcasting 30/10 via SWNS) Their US sources are obviously uninformed about VOA's 500 kW xmters at Greenville; they should have asked any DX listener (gh) In a 2/12 mailbag pgm, RMWS mentioned that as of Dec, it would cut down on the number of frequencies used in any one hour--enabling the service to stay on the air for several hours on the same frequencies (BBC MS 7/12) Sometime ago I reported that R. Tashkent has ten QSL cards. Recently, they corrected themselves in a letter--five (Bill Matthews, OH) Magadan hrd on 19000 kHz at 0230, 2 x 9500; Vladivostok on 25075 at 0132 5 x 5015; and on 28865 at 0050, 3 x 9620 //25075, all in Russian (R. Colin Newell, BC, 16/10 & 18/10, SPEEDX) That last would be 28860 (gh)

U S A A WTFDA correspondent, Randall B. Clark, WV, reminds us about DXing the 'remote pick-up' stations in the 26 MHz band--a number of which I used to hear between 25870 and 26400 kHz, usually NBFM. Low-power xmters operated by local AM/FM stations for feeds to studio from church services, shopping center shows, etc. I haven't heard any of these in several years, but a few may still be active irregularly, and worldwide propagation is now possible (gh)

WVW back on 20000 kHz as of 1/12 (David Crawford, FL) 20 MHz would continue as long as propagation conditions warrant, it was announced (Wildier Pickard, IL) The 20 MHz frequency has not been inserted in the ID amnts (Andrew Blumberg, NY, 5/12; gh 7/12) WVW & WVWH were to add another 'leap second' between UTC 1978 and 1979 (Pickard)

WANB, Waynesburg PA, 500 watts hrd on 4740, 3 x 1580, 18/11 at 1212, not to be confused with Maldives! (Steve Webster, Ont) WANB hrd on 4740 at 2100 12/12, NBC nx (Gerry Bishop PA)

WCBC (CF Dec LN-8)--massive series of spurs have finally disappeared (SWNS 1/12) LN-15

Computer studies made at MIT suggest that on a 'typical' day in the early 1970s, some 10 million Soviet citizens may have listened to the VOA alone, and another 5 million to the far more abrasive R. Liberty. These numbers--confirmed in secret Soviet studies I've been told about in Moscow--could only have gone up in recent years, as more and more people acquired SW sets (Mark Gayn, "The Voices Moscow Hates", Toronto Star, via San Francisco Sunday Examiner & Chronicle 12/11, via Steven P. d'Adolf)

This year, VOA has increased its trend to make a considerable number of late changes to its proposed schedules, a few days before the start of each season. Those who have obtained a copy of the 10-page VOA Frequency Schedule effective 5th November must be extremely puzzled, as many frequencies are in use which do not appear in the schedule. Since publication there have been over 200 changes to freqs, times, sites, powers and target areas shown. One example is the 1000-1100 xmsn from Greenville in PT to Brazil, listed on 9580=feeder to Ascension, 11730 and 11840, whereas freqs are 11715 and 15375 only. If this trend continues, DXers apart from VOA monitors, will have no reliable information on VOA transmissions (Robert Jones, Dec ADXN) NY)

AFRTS feeder on USB football past 2100 GMT 3/12 between 10535 and 10540 kHz (Mark Giorgi,

URUGUAY SODRE IS formerly on 9515 and 11885 has not been heard here this year, EPT's activation of 9515 makes it seem likely SODRE IS has been deleted. Any confirmation? (Richard E. Wood, NH, 8/12) Not heard on 9515, but certainly on 11885, 24/11 and 25/11 around 2315 and 0030 with English, also announcing 31m (gh, OK) more, LN-15

UGANDA (CF Dec LN-8) Don't ask me how that 17725 ended with Uganda--oddly enough, I have that evening's logging verified by Kampala, but for 15325 (John L. Rouse, MD) UBC has test to Eur in new lang, German, on new 9685, hrd 2039-2103* (Joe Tangredi, SCDX 21/11) Poor audio quality is probably due to using a standard dial-up phone line link from studio to transmitter rather than a 5-kHz line; also I suspect they do not use a peak limiter on their xmt to hold all modulation levels to maximum 100% (Jim Conrad, IA, Dec. R.I.B.)

TURKEY State Meteorological Service, 6900, hrd poorly 0500-0515 23/11 with Turkish amnt, mid-east sitar mx (Charley Hoffman, PA) Also 7/12 0413-0458, mostly chants and pipe & string mx; short talk at 0435--maybe a wx report! (Syd Osterman, Ont.)

SYRIA A letter from Awatef Haffar of Syrian Radio confirms they are off SW 'for the time being' (Bob Donly, Nov SPEEDX, via DX Ontario)

SOUTH AFRICA Altho R. RSA announced and Dec LN-2 printed that move of Nam svc 0156-0250 from 15155 to 15220 was to avoid Morocco, it was, for the record, Algeria (Richard E. Wood)

SEYCHELLES (CF Aug LN-7) That FEBA annual 60,000 pound tax--is it true? Yes. FEBA paid nothing before independence to the British gov, but when Seychelles became independent a new agreement was signed. Why such a big licence fee? Because the US Govt pays \$1 million for their satellite tracking station--wish I could 'let' my back garden to NASA! According to FEBA Pgm Dir who was on a tour of SAs and asked the question at my QTH (Goonetilleke, UADX)

PORTUGAL RFE/RL, hrd at 1400 with rock mx, ID, 10/12 on 30340, 2 x 15170 (Wm. Yohana, NJ)

OMAN (CF Dec LN-7) Not only can BBC Masirah 9590 0255 s/on be IDed per Nov LN sked, but voice ID is given as "BBC Eastern Relay Station" Often level with Bonaire here (Richard E. Wood, NH) Or even over RN Bonaire, including me...we can no longer rely on the auroral zone being such a good buffer for channel sharing, during this solar cycle peak (gh)

NICARAGUA Rdif. Nacional, 5950, absent from 2200 to 0900 22/11 (Stu Klein, FL) Not observed since 1200 21/11; appears to coincide with gov't decision to rescind the reg requiring formation of a national net (BBCMS 30/11) Back on 5950 since 30/11 (BBCMS 7/12) Hrd 1/12 at 0200 check (gh) Not hrd since 5/12--only R. Zelaya in Bluefields on 5950 now (BBC MS 14/12) But again hrd since--best described as 'irregular' without jumping to conclusions (gh) more LN-15

NEW ZEALAND 18/11 at 1441 on 5225 kHz I hrd "This is a test transmission for New Zealand Broadcasting..., chimes and repeat, off at 1447. Anything to do with planned new RNZ SW service? (George J. Poppin, CA) It was a NZ Post Office xmsn. It is our policy not to verify such reports (K. D. McFarlane, PO Telecomms Div, 6/12) Utility (gh)

NETHERLANDS A sad note. Van Dulken, head of the English section, recently retired after 30 years with R. Nederland. His place has been taken over by Will van der Fluit--not a name known in front of the microphone. He used to be a producer/translator (Simon Hicks, WDXC Contact, via Dec. REVIEW OF INTERNATIONAL BROADCASTING)

NEPAL I had the good luck to hear R. Nepal 13/12 1222-1315 fadeout on 3425. Mx sounds very much like Indian sub-continental pop mx; at 1245 drum beat and a 7-minute talk, in presumed Nepali; no trace of them since (Neville Denetto, Kakabeka Falls, Ont.)

MONGOLIA Mongolian news agency Montsame reported 23/11 that a new radio stn had been put into operation in Choybalsan city (eastern Mongolia) ahead of schedule--one of numerous projects with USSR funds. (BBC MS 30/11) Cf LN-6

MALI LN-15

MALTA (Cf LN-6) DW has had a relay here since 1974; however, the Government of Malta is the licensing authority. The agreement with Malta provides that xmsn time not used by DW should be made available to GOM, which would reimburse costs. DW, therefore, are not responsible for the content of any xmsns broadcast by the GOM or any third party. DW emphasizes that it has not granted transmission time to "R. Mediterranean" (DPA via BBC MS 7/12)

LEBANON (Cf Dec LN-7 & 14) Per R. Lebanon 20/11, the FM has issued a circular prohibiting official dealings with 'private radio stations'. Unless civil servants, contractors and hired workers refrain from all dealings with such stations, they will face legal action (BBCMS 30/11) Voice of Lebanon tentatively hrd on 6550 at 0550-0604 10/12 in AR with chants, 0558 possible chimes (Syd Osterman, Ont.)

LAOS Houa Phan on 6198 was unheard in Nov. Udom Sai on 6908, Luang Prabang on 7000 were untraced, Pakse not found. Xieng Khouang hrd on 4756 & 6676. Savannakhet on 7383 to 1400* Laos again back to rarities! (Isao Ugusa, New FEDXR 30/11) On 30/11 LNR broadcast a review "New Steps in Propaganda Work in 1978". It stated LNR was being expanded and improved in all respects. Six local stations had been 'consolidated and developed' also producing their own pgms 'in order to mobilize people of various nationalities in their areas' (BBC MS 7/12) Pathet Lao nx agency reports a ceremony was held 8/12 in Vientiane at which radio equipment installed by Vietnam was received as a gift for LNR--including MW & SW xmtrs of 1, 2, 4, 5, 15 and 50 kW, per an agreement signed in Vientiane 29/5/78 (BBCMS 14/12)

KOREA SOUTH The govt-controlled Korean Broadcast System has been shown by Congressional investigation to be a front for the Korean CIA (John Weisman, "Buying Goodwill--and More", 25/11 TV Guide, p. 30) KBS is the parent body of R. Korea (gh). R. Korea has at least three pennants of the same design but different colors--yellow with blue border, pink with green border, and light blue with dark blue border (Bill Matthews, OH)

KAZAKH SSR Alma-Ata in Kazakh with IS and local ID is at booming strength 1200 on 5960 2/11 (Richard E. Wood, Plymouth NH)

KASHMIR AZAD AKR Muzaffarabad, obs on new 6010 fair to poor 1130-1400 20/10 (Victor Goonettilleke, Sri Lanka, Dec ADXN) f/in about 1155, Koran 1200, ID in Kashmiri 1210, good level 26/11 (Peter Bunn, Victoria, ADXN) Also on 3860 at 1130-1400 (Goonettilleke, RA DX 10/12)

ITALY RAI 11800 was found to be the source of a racket on 25m, splatter all over the band, 2050-2130 circa 4/12. Gross modulation problems (Larry Magne, PA)

IRAN I just heard NBC Nightly News mention that Iran has begun jamming the BBC, 5/12. Wonder what else Iran is jamming? No other details given (Mike Agner, Burlington MA)

INDONESIA 'Tis the season for long-path reception in the afternoon (gh) The lazy way to DX Asia--once again RRI Ujung Pandang is heard at 2130, not the 50 kW 4719, but the listed 20 kW on 4753, good to 2200 fadeout, but squeezed by 4750 Bertoua, 4755 Colombia. Who says you have to get up early? (Gerry Bishop, PA, 12/12) Had RRI-Kendari on 4000, 5 kW 17/12 2248 t/in to 2310 f/out with continuous Koran poetry, Song of the Coconut Islands IS, clear RRI Indo ID by M after time pips, and into RRI nx relay, comtry, mx. Very strong, best LP here to date (Terry L. Krueger, Casselberry FL) RRI Nabire, Irian Jaya obs back on old 5975, after using 6126 for several months, noted at 1030 (Peter Bunn, Vic., R. A. Japanese DX 10/12) Cf Dec LN-6. 3374.5 hrd 16/10 at 1350 songs, 1400 news relay presumably RRI Jambi again. On 3375.5 sked 1200-1500 is a new one, RRI Medan, per tape from Jim Young with definite ID, later hrd at my QTH; replaces 3414 (Bill Sparks, Tropical DX Newsletter 15/11)

HAITI (Cf Dec LN-6) 6156 R. Citadelle, several clear IDs hrd 1127 25/11; further monitoring reveals R.Nationale pgm sometimes, but not always at 1000 or 1100, but it's mostly Citadelle now; lots of Xmas mx and ads (Jerry Berg, MA) Until I hear a Citadelle ID on 6155, I will continue to consider it R. Nationale! When a station IDs as "R. Nationale" & "4VRD" I'll believe 'em until I hear different (Stu Klein, FL, 22/11) To determine what R. Citadelle was doing I listened to their CB freq of 1145, and they were broadcasting R. Nationale!!!--same as SW. At 0400 they changed back to R. Citadelle. I hope this clears up once and for all who is on 6156--it is R. Citadelle. Also, R. Familial is on 5640, 4 x 1410, or R. Familia, in Port-de-Paix (Richard Clark, Santo Cerro, La Vega, Dominican Rep., 23/11 & 21/11)

GERMANY EAST DIZ timesig hrd 12/10 on 4525, 2250-2300+, pips but no voice so not SWBC (Hoffman, PA)

FRANCE DXer Mike Bolitho of Toronto visited RFI 8/8 and then found himself on the air on "Paris Calling Africa" in an interview, and reading letters from Canada on their mailbag. His full story appears in December REVIEW OF INTERNATIONAL BROADCASTING (gh) RFI hrd 6/12 at 1420-1755 on 43.17 Mhz, 2 x 21.585. What would be the ERP on a second harmonic--in the watts presumably (Randall B. Clark, Parkersburg WV) Actually 43160, 2 x 21580. Power very hard to compute, depending on amount of suppression, but should be very small (gh) more LN-15

FALKLAND ISLANDS 2370, unID but suspect this, 0030-0130* variable with peak at 0100, many times heard with only a weak carrier, 1/11 during audio peaks hrd a man in definite EG around 0053, then signal took a nose dive. Also some audio next day, with talk/instrumental mx. 6/11 carrier only, but s/off as a variant 0142*, a solid reception detail if they keep accurate logs (Bill Whitacre, MI, TDXN) Tent. 2370 0128 25/11, YL ancr in EG, reading messages, believe hrd 2370 and a MW freq ancd at 0130. Orchestral mx, 0131 s/off, 0132 carrier off. Prior to hearing this, WWV announced a geomagnetic storm in progress; soon hrd WWV, WWVH, JJY and LOL all on 15 Mhz! (Ed Kusalik, Ontario, DX Ontario)

DOMINICAN REPUBLIC R. Norte, 4787, Santiago, very good with ID 0915, LA mx, 5/12; OCs on 4785 and 4790 at this hour (Jerry Berg, MA)

CZECHOSLOVAKIA Remember that anti-N-bomb card R. Prague sent to its listeners? Per Stephen Shoob, staff assistant, 1171 of them were received at the White House, in FR, EG, SP (Kim Andrew Elliott, MN, Dec. REVIEW OF INTERNATIONAL BROADCASTING)

CUBA Re Young's report of a weak SP stn on 4800 before Ecuador s/on, I believe it's 8th harmonic of CMKV-600, hrd 2/12 with mx to 0930, mx, usual deep fading typical of harmonics. 0922 several talkovers and "Voz de Cuba" TC; that's a program at 0500-1000 on a net of stns, per WRTH (Jerry Berg, MA)

COSTA RICA TIFC hrd on 6035A at 1153 in SP with ID, het Siberian, //5055; new freq (Jack Jones, MS, 24/11) Years ago was on 6037; about time they left 6175 with BBC QRM, etc (gh)

COOK ISLANDS RCI all-night for UK rugby test relay from RNZ 1432 preceded by mx 7/11, 5045 (Robert Yeo, Vic., ADXN) Appears to be AN, local Fri nites (Sat morn GMT), C&W mx 11/11, man in EG, native drums & Maori singing; no ID hrd; 1335 during a noise quiet period, 3:05 TC was hrd, corresponding with GMT -10 $\frac{1}{2}$; still going strong at 1430 with Maori talk. Bill Whitacre heard a similar pgm on another Sat; I haven't hrd it on any other mornings (Bill Sparks, TDXN) Tent., rock mx and EG anmts from 1030, almost gone by 1130 25/11, corresponding with reports of being on late Sats (Jerry Berg, MA) 25/11 1118-1300 fade out. Definite ID at 1125; all kinds of mx; only ancr hrd was M with Aussie accent; NZ election results; mentioned R. Australia and R. Singapore regarding later pgms; probably off-air relay of RNZ comedy show judging from audio quality; troublesome het, probably Indonesia. Suspect now more than 500 w, perhaps a new 5 kW? Signal seemed on a par with Solomons. But as of 10/12 not heard again, maybe just due to good conditions for 500 W (Syd Osterman, Ont.)

COLOMBIA unID in Spanish between 13845 and 13850 kHz daily 1800 past 0400, in Spanish (Mark Giorgi, NY) That's Rdif. Nacional in a relay by a PTP xmtr, often on AM, some SSB (gh) LN-15

CHINA VOA Chinese lang from Philippines are no longer jammed, suddenly discontinued in October, having been in operation since 1949. This means that all VOA lang transmissions are now free from jamming interference, tho RL/RFE continue to suffer (Robert Jones, NSW, Dec ADXN) **CF IRAN** (gh) NCNA says that as from 1/1/79 it will adopt the Chinese phonetic system for the romanization of names of Chinese persons and places. For example, Peking will be spelt Beijing, Mao Tse-tung will become Mao Zedong, and Hsinhua, Xinhua. Ministry of Foreign Affairs will also adopt the Chinese phonetic system on the same date (BBC MS 7/12) Shouldn't we? (gh)

CANADA RCI has a weekly audience of 9 to 10 million listeners in E&W Eu, Af, NAM, SAM, RCI Director Alan Brown told CRTC commissioners in a CBC license hearing in Ottawa. "That figure should mean something to a country which exports great quantities of nickel and pulp and wheat, but no newspapers, no magazines, very few books--very little to tell the world about its political life, aspirations, opinions or culture." (Closed Circuit, 20/11)

RCI does it again--Sunday 0200-0427 GMT 3/12, the Sunday EG pgm was broadcast, not the scheduled Sat pgm, including DX Digest, at least in the correct editions. After hearing it I would prefer the DX Digest & Mailbag on local Saturdays. Then on GMT 4/12 the Saturday pgm instead of Sun at 0100, but usual Sunday pgms at 0200-0427 (Larry M. Nebron, CA) I was listening at 0100 GMT Mon and called them up about it--otherwise likely no one at RCI or Sackville would have noticed that the Sat & Sun tapes were apparently interchanged! (gh)

QSL from CKFX 6080 Vancouver says they use a Vertical Array Antenna; for the past year or so, they had been actually running less than 10 watts, but they cleaned up the equipment so they are now actually 10 watts, accounting for recent DX receptions as far away as Chicago. They seem to really check out reports, rejecting some guesswork. They invite collect phone calls during the Dianne Giffin pgm weekdays at 0900-1300--if you can catch the number (Greg Ravenhorst, Hollandale MN, 4/12)

CAMEROON 3/11 I hrd a Cameroon stn on 4850 at 2059 past 2200, classical mx; new regional? (Steve Webster, Ont.) I don't think this is anything new (gh)

BRAZIL R. Cultura Araraquara, 10/12 1010 on 3365, poor, instrumental xylophone mx; plugs for R. Nac. Brasilia, local ID for Araraquara (Charley Hoffman, PA)

BOTSWANA New freq 9590 hrd around 1400 in vernaculars (Miki Veclar, RSA, via Andrew Blumberg, NY 25/11) Writing looked like maybe 9690=4845 x 2, but both assure me it's 9590 (gh)

BOPUTHATSWANA (Cf Dec LN-4) SABC reported 28/11 that R. Bop. would broadcast on VHF/FM 98.01 MHz as from 1500 5/12 in, AF, EG, Setswana (BBC MS 7/12)

ARGENTINA R. Splendid, B.A., obs since 24/11 on 6030 ex-5985 (BBC MS 30/11)

ANGOLA During the independence anniversary, weekend of 11/12-11, most stations were on all night--Benguela noted 0200 5041 6150; Huila 0250 3970; Luanda at 0230 on 3355 3375 4790; elsewhere, Huambo as late as 2235 on 3345 5060. Lobito moved from 4175 to 4827a, *0345 with strong signal (Vaclav Kofinek, RSA, DSWCI Dec SW News)

ALGERIA hrd on 13228 one day, presumed; and on 14335, almost certain RTVA, 0202 AR chants, talk, but sounds like wide-band FM! On 15160 I once hrd them w/AM carrier and SSB intelligence (Richard Stoller, NY) You can be sure anything other than AM is purely unintentional from Algeria, gaining a reputation as the pits, technically (gh)

ALBANIA R. Gjirokaster like a local 9/12, SIO 454 at 0535, 5057 with light opera, gypsy mx and gorgeous solo mandolin; many 'shqipter' mentions and TC at 0600 (Jay Novello, Endwell NY)

CLANDESTINE CRANNY Voice of the Voyageur appears to have resumed regular weekly broadcasts GMT Sun 0500 on 6220 (Walcutt, TX) more VOV LN-15

Southern California pirate on 6420 has switched to 6115, noted 8/12 0010-0019; gone at 0054 recheck; this time, classical, rock, blues; long silences and no ammt, but I believe this UN-ID pirate does have a microphone. When first noted 18/9, there were background noises such as a big bang when something fell to the floor and the sound of a changing turntable; lately the background noises have stopped; was SIO 545 (Ken Kashiwabara, Panorama City CA)

3880a station comes back every once in a while, hd 5/11 2151 with pieces of Zeppelin mx, throwing hets at DSB hams, coming on with disguised voices. Almost cussing match with a ham. Hard to tell if it's a ham--tho I'm sure they don't approve of having hets thrown at them, most DSB hams are sort of anti-establishment by nature and don't seem to care whether the guy is on or not (Richard Stoller, NY)

"WRFB" R. Free Bolinas, 837 kHz, pop and talk pgms several times per week about 0200-0600 GMT; occasional phone-ins, requests; broadcast oriented, not DX oriented, didn't know what a QSL card is when I called (Larry M. Nebron, Daly City CA, 3/12) First time heard in a long time 25/11 at 1930-1940, fair, AOR mx, no IDs, sloppy, on 838 (Bill Moriyama, San Francisco CA, IRCA DX Monitor)

"WFSR" Free Speech Radio in NY City, last hrd on 7/2/78; he only operates during snow storms, when the FCC is closed and can't catch him! on 1630 kHz (Don Wood, Westport CT)

"WFAT" Fat Radio, Free Speech Radio, NYC, phone-in format 3/12 with a few mx breaks; had one call from South Carolina; claims only late-night phone-in pgm in NYC; first hrd at 0900 GMT with very poor signal on 3260 kHz variable. Announced 1624.7 kHz, hrd varying 1620-1630 at 0940. Many called complaining of drift; used 212-355-9979 loop; I called around 1300 re their 90mb harmonic; I tried to assure them there was no QRM to broadcasters, but they went off the air shortly after (Charley Hoffman, PA) Again 10/12 *0800-1100* on announced 1621.5 fair with some drift, phone-in, DJ named Larry McKay, 90mb harmonic not hrd this time (Hoffman) 15/12 WFAT AN on 1620 kHz, RCI DX Digest tape on pirates played by caller at 0807; phone as above; note the Eldorado 5 exch. is on the East Side of Manhattan, roughly between 45th & 63rd Sts (Joel M. Rubin, Long Island City) No connexion with where station may be (gh) NRC DX News has an illo of the WFAT QSL, giving power of between 30 & 75 red HOT watts; antenna horizontally polarized, beaming north and south--clear channel 1620 (gh)

"WCBN" (?) on 2440 kHz, 2 x 1220, tip from Bishop, hrd 2/12 0200 progressive rock, tech problems; IDs for "WCBN 1220 AM"; by 0600 GMT they were booming in on 2440 10 over S9, EST TCs, echo effect on 'smoke dope', '73s', etc. Three M DJs, two of them "Jimmy" and "Bob". "Mary Lou" taking phone calls. Dedicated a song to the "Woodridge Police Dept"--only one I can find in atlas is right across Hudson from NY in NJ; no phone number announced; suspect connected with WCPN, WGOR or the same stn. 0630 said they would be all-night since this was their last BC. 0849 more xmtr problems, off for a 'few minutes' but no return by 1000 (Charley Hoffman, Manheim PA) Also hrd here, call could have been "WCVN" or "WCEM" too; in a party atmosphere. A bit wild even for a college station; an occasional passing high whine characteristic of faulty PA systems (feedback -gh) (Mark Giorgi, Massena NY) Also hrd on 2460 (sic- gh), strong signal here, not very exciting, nothing but rock (Don Wood, Westport CT)

Capital Radio Dublin hrd with MW pgm relay on 6590 at 0850 (Oct WWDXC DX Magazine)

ABC Europe is off for good; the staff are planning a perfectly new legal station (from Italy? ??) and Sunshine will be off 6-8 weeks to allow for studio building (WDXC Nov Mid-Monther) Note the UPDATE report that R. Sunshine would be testing to North America (gh)

Radio Verte, ecological pirate referred to in my 1978 WRTH article; per Bernard Chenal's list it was on 92 MHz FM, near Paris, heard 1700-2400; probably active in the summer. Another green stn is R. Verte Fessenheim, near Mulhouse, 101 MHz opening 1945 on summer Saturdays (John Campbell, DSWCI Dec Clandestine News)

R. Rebeide An informed source assures me Comandante David is in downtown Miami, not in Cuba (Stu Klein, FL)

Numbers Odd stn hrd 10/12 0721 t/in on 4883; 5-digit man in maybe poorly accented Russian: "deveyet" (9), "noola" (0), "shest" (6), "shtiri" (4), s/off 0723 "Orovnatsa...orovnatsa" and

"88 88 78 78 000" and carrier off (Jay Novello, NY) 30/11 on 3260, 0620-0630 eight note chime IS, 0630-0635 YL reading Spanish numbers, very rapid pace. 0635 8-note IS once, then carrier off (Charley Hoffman, PA) Two different xmsns simultaneously at 0330 on 5245 and 3090 kHz, definitely NOT //. 3090 had the same female voice as was noted most of the time last spring (ROR/5, via SWNS 1/12)

UN Anti-Apartheid Program. R. Moscow French to Africa 9/12 said it was beginning a series of broadcasts marking International Year of Struggle Against Apartheid. Extensive use would be made of material placed at the disposal of R. Moscow by United Nations Radio (BBC MS 14/12)

Voice of Zimbabwe now on 6000 ex-6010, in EG, *1800 from Mozambique (Vaclav Kofinek, RSA, DSWCI Dec SWN) Pgms produced in Maputo, broadly sympathetic to the Rhodesian guerrilla movements, but seemingly not prepared by any one faction or by people in day-to-day touch with the activities of these movements; 1800-1815 on 1079 3265 4856 6005 (John Campbell, DSWCI)

A Voz da Verdade reported on 7180 with pgms for Angola. I have fairly reliable info from Rhodesia denying knowledge of the stn there. It is more logical to suppose that such a station would be under South African rather than Rhodesian control; may therefore operate from South Africa or South-West Africa (John Campbell, Dec DSWCI SW News) more, LN-15

Voice of One Lebanon. Close relation of former Voice of Arab Syria. Presumably the argument this pgm presents is that the main current cause of disunity in Lebanon is the presence of the Syrian army in/and the Arab peacekeeping forces there. As this is rather hard to justify on logical grounds, the producers of the programme may be quite relieved at the chance to stop broadcasting if somebody tells them that Syria and Iraq are now supposed to be friends. Alternatively, if they continue, they will probably be happy to revert to their secondary targets - those inside Lebanon who oppose the Palestinians, and King Hussein of Jordan (John Campbell, DSWCI SW News)

R. Free Lebanon, LN-15

Voice of Palestine, Voice of the Palestine Revolution, PLO operated, again hrd with regular pgming. 17 & 18/11 1400-1600 on 1120 kHz, 19/11 also at 0500-0630. 22/11 in AR 1120 0500-0700 & 1400-1600 and since. VOPVOPR had not been hrd regularly since early Oct (BBC MS 23/11) From 29/11 until 2/12, daily 1100-1300 apx on 1520; mainly Palestinian national songs. 1520 kHz xmtr returned 5/12, 0405-0550 mx, "experimental broadcast No. 1". Listeners in the "Occupied Homeland" were requested to send in reception reports and listen at 0400-0600, 1100-1500, 1600-1800, 2100-2200. 1120 kHz xmtr continues to broadcast regular pgms for the Arab World (BBC MS 7/12)

/cf LN-7

Voice of the Kampuchean People and a news agency were to be set up in a 'liberated zone' per a conference Voice of Vietnam reported 3/12, by the "Kampuchean United Front for National Salvation". Stn was first hrd 5/12 in Cambodian on 9753 and 7350, anc'd sked daily 2330-2400 0400-0430 and 1200-1230; also on 760 kHz (BBC MS 7/12) Obs adhering to this sked, with material hostile to the present regime in Cambodia (BBC MS 14/12) 2nd net of French TV reported 26/10 that Kampuchean clandestine stns have begun operations within Kamp. territory (Bernard Chenal, France, New FEDXR 30/11) Journal "L'Aurore" revealed 25/10 that one of them supports Nam Samouk's insurrection against the present regime of Pol Pot - Ieng Sary. AFP, the source of this info, says these clands were received in its Bangkok office (Chenal)

Voice of Burmese People in Nov broadcast at *1300-1430* on 6304 Tu/Th/F/Su; seems the 'routine' sked has come back (Isao Ugusa, NFDX 30/11)

more R. Maubere LN-15

Radio Maubere, stn of FRETILIN guerrilla movement, which still controls most of the mountainous interior of East Timor, and is fighting to expel the Indonesians. Two authenticated freq --3804 for regular BCs, *0930 Mon/Fri/Sat, hrd weak-to-fair in Darwin. Two-way communication (messages for outside world) with FRETILIN sympathisers in Darwin continues despite harassment by Australian police. 5030 or nearby freqs are used, the link set up for 1 or 2 hours each Sunday from 0030. In both cases, powers are 25 watts or less (John Campbell, DSWCI)

FUTURE PLANS

W A R C 7 9 RSA is proposing total doubling of SWBC spectrum, such as 12.7-13 and 19.7-20 MHz (R. RSA DX 17/12 via Joel M. Rubin) FCC position before WARC includes expanding the AM band to include 1615-1800 kHz (NY Times 7/12 via Rubin) 1615-1860, which could accommodate 800 or more new commercial AM stations. The FCC proposal includes recommendation that existing travelers advisory service, currently on 1605-1615 kHz, be continued. The new band would be shared with other radio services, such as oil-exploration signals (Wall Street Journal, 7/12, via d'Adolf, Steven Handler, David James)

VENEZUELA In a 15/11 interview with R. Contiente, Info & Tourism Minister said the govt had undertaken 'the creation of La Voz de Venezuela, with 1000-kW xmtr to carry the message of our cultural and historical traditions to all the Caribbean and Andean Pact countries' (BBCMS)

TOTAL SOLAR ECLIPSE, the last visible in the US in this century, will be 26/2/79, Monday. 200-mi wide totality path will be centered on Portland OR and run thru ID, MT, ND, while the partial eclipse will be visible thruout the remainder of Nam. For those who want to develop a DX strategy in advance, approximate times are: Boston 11:05 am-1:35 pm EST; Chicago 9:40 am-12:10 pm CST; Denver 8:15 am-10:45am MST; San Francisco 7:00am-9:10 am PST. Txn in advance to whomever is responsible for arranging this unique DX test (Gerry Thomas, FL, IRCA DX Mon.)

THAILAND R. Thailand reported 23/11 that P&T Dept would be establishing more radio-frequency checking stns thruout the country during fiscal 1979; only one at present is at Nonthaburi, not capable of covering the whole country; first two will be in NE in Ubon & Khon Kaen, to

enable govt to locate anti-govt clands in the NE. P&T Dept also plans to set up two similar stns in each of the other three regions of the country (BBC MS 30/11)

SRI LANKA Besides its project to construct a relay station at Kourou, near Cayenne, French Guiana, Télé Diffusion de France may be shaping up plans to build in conjunction with Deutsche Welle a relay in Sri Lanka covering Southeast Asia (Le Figaro 20/10, via Bernard de Tarié via L'Onde) TDF being the parent body of RFI (gh) We know that newspapers and DX magazines have been publishing news about a new relay station being built at Trincomalee, Sri Lanka. We can only say that these are speculations. It is true we plan a relay station in Asia and that negotiations are being held. Maybe the wild speculations are due to the fact that DW is helping with 'know-how' to build up a home-service in Sri Lanka (C.G. Thiele, DW, via Dan Carrier, FL, via Dec SPEEDX)

NEW ZEALAND Re RNZ's new external service plans, "Initial investigations are under way costing and assessing requirements for new xmters and SW operations for the future, but no definite decisions have been made" (R. Geoffrey Haggett, RNZ mgr, via Andrew J. Blumberg, NY)

NEPAL Plans are underway for a possible "Adventist World Radio" broadcast over R. Nepal, according to Adrian Peterson (ADXN Dec) Have these countries no pride in their own religious traditions? (gh)

MEXICO R. México is planning to begin a regular Japanese service shortly, following special BC in Jap on the occasion of the visit of Pres. of Mexico to Japan 10/78 (Takahito Akabayashi & Tetsuo Suzuki, JADX, via Dec ADXN)

LIBERIA After seven years of SWBC from Portugal, Adventist World Radio is ready to take a giant step forward. In Sept a small fact-finding committee was sent to Liberia to study the possibility of building a SW radio station. This study indicates it is feasible to own and operate a Seventh-day Adventist SW stn. The Annual Council in Oct voted to build this stn in Liberia. A dream is coming true. The plan calls for four SW xmters with a combined power output of 500,000 watts. This is enough to reach into at least seven of the church's ten world divisions. We will be able to broadcast up to 96 program hours a day; right now in Portugal, we are only on the air 12½ hours a week. The operating costs will only be a small fraction of what we are now paying. But AWR faces a serious financial problem... (Harold L. Reiner, AWR, Washington DC, via John Tuchscherer, WI; dated 13/11) 1 of 250 kW, 2 of 100 kW and one of 50 kW; also MW outlet to serve local areas; work is expected to commence on AWR-Africa during 1979 (Adrian M. Peterson, Dir., AWR-Asia, via NASWA HQ)

KENYA VOK reported 19/11 that the President said VOK would be getting modern equipment to enable its reception to improve within the country and overseas (BBC MS 23/11) **INDIA** below

GUATEMALA AWR-Guatemala project was officially opened in Tegucigalpa during Aug by Pr. L. E. Tucker, one of the stns' pgn producers in the USA. The SW outlet is expected to be on the air by mid-1979. It is to be separate from local MW & FM services, an international outreach under auspices of the international AWR Board in Washington DC, which is expecting to appoint a manager soon for SW AWR-Guatemala (Adrian M. Peterson, Dir., AWR-Asia, via NASWA HQ)

GERMANY WEST Officials are afraid that because of the freq change of Bayerischer Rundfunk from 1602 to 801 kHz, it will not be heard so well abroad and so plans are in hand to considerably increase power of the SW xmtcr on 6085 (Süddeutsche Zeitung, 15/11, via BBC MS 23/11)

GABON I'm sure you appreciate that a long-range undertaking like replacing nationalized RVOG takes time. There are so many factors that must be considered and implications which need to be carefully studied before decisions can be made. We hope within the next six months or so to be able to present plans to our decision makers and that we soon can give you info on the direction in which we are going to resume the RVOG radio ministry (Manfred Lundgren, LWF, Geneva, 14/11 form letter not mentioning Gabon to Gerry Bishop, PA inquiring about Gabon)

INDIA Minister for Info & BC said the process of restructuring AIR as autonomous body will be completed by end of next year, per AIR report 26/11. Powerful radio xmters would shortly be installed to cover remote areas (BBC MS 30/11) In a report on his statement to Parliament 6/12, AIR quoted him as saying 12 new radio stations would be set up during the current plan period; also proposal to install xmtcr in Nagpur to serve as a national channel (BBCMS 14/12)

ECUADOR HCJB's Hydro Expansion Project is the purchase of a new hydro turbine to be installed in Ecuador to supply the electrical power for the giant transmitters which send the gospel all over the world in 15 languages. The total cost is 1 3/4 million dollars. Without it our diesel fuel electricity bill could be \$500,000 each year (Abc C. Van Der Puy, 12/12 dun) Dee Baklenko, former English pgn dir at HCJB told us at a recent AIDX meeting that HCJB is considering cutting back on the number of hours of English programming. She said that enough letters from listeners might make them change their minds (Jeff White, IL, 12/12)

DOMINICAN REPUBLIC Besides my program on R. Universal, I carry the SW xmsn of RTVD that will soon be on the air (Teo Veras, Santo Domingo, NRC DX News) The next Rudy Espinal? (gh)

BRAZIL R. Ataláia, 3285 in 10/11 card indicates they are not yet active but "we hope that very shortly you will be able to tune in R. Ataláia Ltd. of Obidos, Pará, Brazil!" (Tuchscherer) Comms Ministry has opened bids for installation of three new SW and one new tropical band stn (Verde Amarela net 17/11 via BBCMS 23/11) RNB to resume international service in Jan 1979 on old 11780 (GDR reporter in SCDX 19/12) To resume in June, or July (Jonathan Marks, ORF)

DX PROGRAMS

U S A With the cutback on RCI, I'm looking into the possibility of doing a "WeekendX" report via Fine Arts Radio GMT Sats around 0220 on 15145 as part of my weekly half hour program--but since without additional funding the FAR experiment will end in Feb, and since winter reception in NAM is poor, I probably won't (gh)

JURUGUAY Ham station CX1CCG, of the Centro de Radioaficionados Montevideo once a month has a DX bulletin by the Uruguay DX Club on 7020 kHz Sun at 1430, per Manuel Alfredo Barcia. Reports for QSL may be sent to: Box 966, Montevideo (Aug-Sept ADXC1)

UKOGBANI BBC World Radio Club rescheduled as from 31/12: Sun 0745, Mon 1115, Tue 2100, Wed 2315 (gh)

SWITZERLAND SRI "A116 DX" FR will be found in the "Amicalement vôtre" pgm on the 4th Sun + following GMT Mon, but also on each 5th Sun in 1979 (SRI French sked)

SWEDEN As from 1/1 the Russian SCDX broadcast moves from Tue to Fri (SCDX 19/12)

SRI LANKA Radio Monitors International via SLBC becomes half hour pgm from the first weekend in Jan. DX pgms produced by other organizations will be included in the 2nd half "Window on the World"--beginning with RCI DX Digest 6-7-8 Jan. A special RCI QSL will be available for reports sent to RMI, Box 15, Poona, India. On the 2nd Sun of each month, "World DX Club" as broadcast on AWR Europe by Clive Jenkins; 3rd Sunday "World at Your Fingertips" by Bob Padula and Robert Chester of ADXN, both of which will offer QSLs, via Poona. On the 4th Suns, another yet to be finalized; and 5th Suns, special RMI feature. The new RMI sked: Suns 1100-1130 11835 15120 17850; 1400-1430 6075 9720 15425; 3rd time to be announced on 9720 11870 15115 17850 (Adrian Peterson, RMI host via NASWA HQ) Last presumably around 1900 (gh) World at Your Fingertips was broadcast on several Australian MW stns 1964-1976 now returns! (ADXN)

SPAIN REE's EG DX pgm is usually about 10 mins, but ran 15 recently; other broadcasters and DX organizations were invited to send announcements to be put on the air--3 minute time limit, tapes accompanied by a script (Wildier Pickard) Sun 2115-2130 & 2215-2230 on 6100 7275 9505 11840; in Spanish Sat 0145, 0345 6065 9360 9530 9630 11775 11880 11945, Sun 2020 on 6140 7105 9570 11920. DX pgms in FR & PT to begin in near future (Ambrosio Wang An-Po, REE DX Ed, SCDX 28/11) Believe the SP all on GMT Sun; EG also GMT Mon 0045 & 0145 11880 9630; 0600 6065 11880 (gh)

SOUTH AFRICA R. RSA DX Corner now 8 minutes; you may be interested to know that since 1975 I have been doing R. RSA's Dutch DX pgm three times a week (Pieler Martins, R. RSA, 8/12)

POLAND PR DX Club noted 1215 12/11 reviewing reception reports received during past 4 months, on 7285. DX Club is bi-weekly, next one 24/11 (Arthur Ward, WDXC MM) So 19/1, 31/1 etc (gh)

NORWAY R. Norway has a DX pgm on the first Sun at :20 into EG xmsn (R. Sofia DX 11/11) No?

HUNGARY On 8/11 R. Budapest began Greek DX pgm, every Wed 1700 on 6025 6110 7275 9585 9833. EG still Tue & Fri to Eur 1515-1530; Wed & Sat NAM 0400-0415 usual fqs (Goonawardena, SCDX)

GERMANY WEST 9/12 DW GM/EG DX pgm at 2350, not 1:40 into xmsn as per sked (Joel Rubin, CA) 2nd Sat of month; yes, but once they did start it at 1:40 in, so they might again (gh)

ECUADOR 2000 airing of DX Party Line on 21480 is always cut off at 2025 so xmtr can be switched in advance to some more important program at 2030 (gh)

DOMINICAN REPUBLIC Sto. Domingo DX Club has a "Rincón DX-ista" Suns 1400-1500 on R. Antillas 1120 kHz; mostly amateur but some DX news; pgm soon to be on RTVD Suns between 2200 and 0300 on 5970 and 9505; also publishes magazine "Radio y Técnica", sample 2 IRCs to Apt. 17-12, Sto. Domingo (R. Nederland Espacio DX-ista 4/11)

CANADA As from Jan, my RCI DX Digest reports will be only on the Sun 1805, 1900 (Eu), 0100 and 0300 xmsns, since the remainder of the DX reports must start coming from a Canadian source. If you would like my reports not to be totally eliminated, please write to RCI, Box 6000, Montréal. Meanwhile, you may still phone me if necessary to meet Fri morning deadline prepaid to me at WUOT 615-974-5375; sure to be there Mon-Fri 1800-2030 GMT; or at home 615-522-4497, anytime but 0500-1300 GMT (gh)

PROGRAM NEWS

U S S R R. Moscow First Pgm has increased length of news bulletin and Pravda readings following Brezhnev's suggestion. Mayak news now every 15 mins, formerly every half hour (BBC MS 30/11) R. Moscow NAM svc sending out questionnaire: 1) What Soviet person, of what age and occupation, would you like to have interviewed? What would be your question? 2) What cities or regions would you like to visit on the feature Round About the Soviet Union? 3) What areas of Soviet-American cooperation would you like to hear about? Disarmament, science, culture or space exploration? 4) Would you like to hear more contemporary Soviet music on our programs? If so, what type? 5) What aspects of Soviet system of education interest you? 6) For high school & college students: What can we tell you about the Soviet Union that will help you in your studies (via Handler)

U S A Most of the time, I'm a classical music programmer and announcer, so I'm providing a half hour weekly for Fine Arts Radio, GMT Sats 0200-0230 "Music on Record" on 15145. Experiment will end in mid-Feb unless further funds are forthcoming; if you haven't yet heard and reported, write to F.A.R., Box 1003, Waterloo, IA 50704 (gh)

UKOGBANI BBC profiles "Punch" magazine Jan 15th 1000 & 2130, 18th 1430. "Dear Me" with Peter Ustinov, Tues 2030, Weds 1430, Thurs 0330. "Network UK" 3 weekly editions M/W/F 2100, repeated Tue/Thu/Sat 0215 0745 1330. Many time changes in other pgms (London Calling, gh)

LUXEMBOURG Radio Luxembourg has switched to all disco (Rolling Stone No. 277, random notes, via Gerry Bishop) I assume they mean 6090 English pgm, because I haven't heard any change at all on French 15350, complete with ads for Coke and Jaws II (Gerry Bishop, PA) This'll drive the Aussies wild, who count each of those programs as a 'station' if they can get a QSL--(gh) Different religious broadcasts via RTL 6090 kHz: Mon 2200 Die Antwort 2245 Gemeinde Christi Tue 2200 Stimme der Wahrheit; Tue 2215 & Thu 2245 Quelle des Lebens. Tue 2230 R. Erweckung. Wed 2200 & Fri 2200 Evangelium fflr Europa. Wed 2215 Ruf zur Erweckung. Wed 2245 Neues Leben Thu 2200 & Sat 2245 R. Freundesdienst. Thu 2215 Erich Teiss. Fri 2215 Rundfunkmission. Fri 2230 Stimme des Glaubens. Fri 2245 & Sat 2230 Stimme des Trostes. Sun 0515 Stimme der Hoffnung. Sun 0530 Ewald Frank. Sun 0545 Mitternachtsbrief. Sun 0600 Die Lutherische Stunde. Sun 0645 Missionswerk der Weg (Rolf Karl, WDXC via DSWCI, which also gave addresses for ea.)

ITALY RAI intends to broadcast a play "The Goldsmith's Shop" written by Pope John Paul II 20 years ago, early next year, subtitled "Meditations on the Sacrament of Matrimony" (UPI, 10/12 Pittsburgh Press, via Rufus Jordan, PA)

FINLAND R. Finland feature programs in Jan: 7th Sunday Best: baritone Jorma Hynninen; focus on Greenland, approaching independence, and "On the Town." 7-8: Focus--nordic cooperation at UN, exclusive interviews with Finland, Sweden, Norway, Denmark, Iceland ambassadors. 8-9: Fresh Air--rally driver Hannu Mikkola + Starting Finnish, first lesson of last repeat. 9-10: Voices of Finland--composer Leevi Madetoja (repeat). 10-11 Spotlight--role of the press in forming public opinion (repeat). 11-12: Stories of Our Time--The Last Journey--by Pentti Hienpää. Lumberjack in northern wilds dies and three workmates carry body into nearest village. A distinctly Finnish mixture of comedy and tragedy. 14th Sunday Best: rock group Teddy and the Tigers; repeat of The Last Journey; pleasure boats; World of Radio. 14-15: Out & About--winter fishing thru the ice (R. Finland) Remainder in Jan. R.I.B. (gh)

CANADA CBC NS sked misled us (Dec LN-11) Thu 0104-0130 still RADIO MOVIE OF THE WEEK, per CBC Radio sked. SATURDAY REPORT was another comedy show--sort of; that slot from 1/6, 1634-1700 Sat holds new serial JOHNNY CHASE--Sci-fi super spy, episode 1: The Power of Org. I believe ROYAL CANADIAN AIR FARCE writer Roger Abbott is behind this one too (gh)

LAST MINUTE ITEMS

CLANDESTINE A Voz da Resistência do Governo Negro, of Angolan UNITA guerrilla movement ops from s. Angola on 7200 Tue-Thu-Sat-Sun 1800-1900 in PT, Umbundo, Kwanyama--mostly speeches by UNITA leader Jonas Savimbi, exc Sun religious services; same stn as anti-MPIA Voz de Verdade 7180. This fq normally used 1600-1700 in PT Tue/Thu/Sat/Sun, SP Mon/Wed/Fri; EG pgm opposing SWAPO, Voice of the Namibian People, also hrd on this fq Thu 1800-1900, Mon 1900-2000 (Ginbey SCDX 12/12) R. Free Lebanon on or near 1554 kHz, *1555 AR; 1730 EG nx; also ann 0645 pgm (Crystal, ")

R. Maubere per FRETILIN supporters in Australia, Info Min Alarico Jorge Fernandes has been captured by Indo forces; he had been their voice to the world, producing radio pgms hrd several days a week, mostly in no. Australia; occasionally BCs ceased for several weeks, as the xmtr was removed from advancing Indo troops, who first occupied E. Timor four years ago (Reuters via Georges Bjarne, SCDX 12/12)

Voice of the Voyageur was active *0230 26/12, defiantly "until we get caught" opening with critique of commercial broadcasting; on 6220; they are aware of Vatican QRM later (gh)

USA On 9060 CBS Mystery 25/12 0030, 6 x 1510? Also on 4530 (Creede Lombard, MT) Tent. RGA ID at 0059 (gh) NICARAGUA Ecos de las Brumas all-night 25/12 on 2920, 2 x 1460, 0735 ID, long periods of talk (gh) MALI R. Nationale, Bamako, *0759 anthem 25/12, SIO 444, also giving 7110 & 9635. This freq not Sun-only as in Dec LR, it seems--11965 (gh) FRANCE RFI 11m 25620 erratic and never announced, but noted 25/12 during Coopération Radiophonique only, 1515-1547 (gh) COLOMBIA On 2160 kHz all-night 25/12 & 26/12 was LV de Suramérica, 0550 past 0737; lis ted on 1160 in WRTH with 1080 as nominal freq; x 2 (gh) URUGUAY to GMT-2 17/12 (BBC MS)

PUBLICATIONS

World SW Radio Frequency List covers seasonal changes by band and region with times, new freqs, new stns, reactivations, 5 IRCs by overseas airmail, \$1 US in Nam (Andrew J. Blumberg, 2757 E. 65th St., Brooklyn NY 11234)

The Skywave Bulletin, weekly page of eastern US AM clear channel pgms, offers new subscribers until 31/1 a lower rate--\$3.25 for 13 ish, \$6 for 26, payable to Gordon Byrd, 1410 W. Sligh, Tampa FL 33604 (gh)

Review of International Broadcasting, monthly listeners' magazine available only directly from gh, addr. p. LN-1, is now US\$12.00 for 12 issues by first class in Nam; US\$13.00 by surface elsewhere; US\$16.50 international airmail; samples \$1 or 7 IRCs air (gh)

SW-5--Pioneer Amateur Receiver, in CQ, 11/78, by John J. Nagle, led to SIO, etc (Rufus Jordan)

Pirate Broadcasting For Fun--Not Profit, Harry Helms, 12/78 Modern Electronics on Voyageur. + Stn Idents Record over 100 MW stns--KIAK, 3XY, ZBF (sic) \$5.99 + post, info from BBC WRC (gh)

FOREIGN MAIL REQUIREMENTS USPS says foreign postal codes should NOT be placed after the country name, which should always be last item in address, but before or after city (ANARC)

UNIDENTIFIED

6230 at 1253 10/12, subcontinental? Willis sez Afghanistan (Osterman, Ont.) 5038 French/Arab Afro 2100; suspect Bangui back home again but no ID yet (Gerry Bishop, PA, 17/12) 3370 Mexican type SSB net with drunks singing "Dellilah" etc to each other; some Portuguese talk too, 25/12 0800-0930 (gh) 1740 HJ BCer at tune in around 0330 5/12, probably 2 x 870 (C. M. Stanbury, Ont., SWNS)

QSL REPORT

Sam Barto, NASWA QSL Editor
245 Cherry Ave. J-11
Watertown, Conn. USA 06795

Merry Christmas
Happy New Year
and the best of
QSLing to
everyone!!!!



Los Deseos: RADIO BOGOMA
la Esposa del Jardín
de Venezuela

Felices Pascuas
y Próspero
Año Nuevo

- ALGERIA:** Radio Algeria International 9510 EG QSL in 1 1/2 mo. for a FR rpt. and 2 IRCs. (Agner)....(x - 9515).
- ANGOLA:** Radio Nacional de Angola 9535 f/d 1tr. in 1 yr. for EG rpt. (Hywarren-MAN).
- ARGENTINA:** RAE 11710 cd. in 19 mo. for a Gilfer rpt. and 1 IRC. (Berezowski-ALB).
Radio Rivadavia LS5 5880 f/d "Owls" cd. in 5 mo. for a SP rpt. v/s Jorge Falcone. Stickers also rcvd. (Field-MI).
- ASIATIC RUSSIA:** Radio Moscow via Petropavlovsk-Kamchatsky on 15425 f/d cd. in 45 ds. (Prisco-PA). 11960 via Kenga in 62 ds. (Pineault-QUE).
- AUSTRALIA:** VLW9 9610 f/d cd. in 1 mo. (Mann). VLM4 4920 Brisbane f/d "ABC Map" cd. in 80 ds. for 1 IRC. (Clifford-WA). Radio Australia via Lyndhurst on 15240 w/ f/d "Simpson Gap" cd. in 95 ds. (Margrutz-NE). via Carnarvon on 17870 w/ "Blue Wren" cd. in 5 wks. (Barto-CT). same w/ "Swanston St." cd. in 15 wks. (Klein-FL). via Shepparton on 9770 in 45 ds. (Laird). "Fringed Lily" cd. for 9580 in 36 ds. for 1 IRC. (Fraser-MA). "Adelaide Festival Theatre" cd. in 15 wks. for 17725 (Klein-FL). 17795 w/ f/d "Hobart" cd. in 95 ds. (Margrutz-NE).
- AUSTRIA:** ORF 21530 f/d "Lovers" cd. in 1 mo. Also rcvd. 125 stickers for HAP Auction. (Barto-CT). same for 17725 in 2 mo. (Lobdell-MA). "Glass Towers" cd. in 3 wks. for 9770. (Broulliette-MI).
- BELGIUM:** ORU 6080 f/d "Blue Globe" cd. in 72 ds. for 2 IRCs. pennant and photo was enclosed by the station. (Byron-NY).
- BOINAIRE:** Radio Netherlands 6165 f/d cd. in 2 wks. (Shanow-RI). same w/ "50th Anniversary" cd. in 16 ds. (Clifford-WA).
- BOUGANVILLE (North Solomons):** Radio North Solomons 3322 personal 1tr. in 6 mo. for 2 IRCs. v/s Aloysius Rumina, Acting Station Manager. (Alm-BC).
- BRASIL:** Radio Diario da Manha 9675 f/d "Ponte Nova Florianopolis" cd. in 8 mo. for an EG rpt. and 1 IRC. v/s Claudio R. Morales. (Wallace-JAPAN). Radio Excelsior 9585 blue and white cd. in 2 mo. for a PT rpt. Addr: Rua das Palmeiras 315, Sao Paulo. (Barto-CT). Radio Globo de Sao Paulo 6125 same cd. and same address as above. (Barto-CT). Radio Tupi 15155 1tr. for a 74 reception in 6 wks. v/s Jose Goes. Addr: Av. Prof. A. Bovero 52 4 andar, CEP 01000 Sao Paulo. (Barto-CT). Radio Sociedade de Feira de Santana 4865 f/d cd. in 11 mo. for a PT rpt. v/s Maria Luisa Caponi. (Field-MI). Radio Bandeirantes 11925 "Five Scenes" cd. in 17. ds. for a PT rpt. and ms. post cards also were rcvd. (Hoffman-PA).
- Radio Tapuyo - Mosoro Radio Sociedade Ltda. 3295 cd. in 2 mo. for a PT rpt. v/s Canindeh Alves, Director Geral. (Barto-CT). Radio Nacional de Brasilia 11780 f/d cd. in 1 mo. for a Gilfer rpt. Also rcvd. a nice big pennant! (Berezowski-ALB).
- BRUNEI:** Radio Talivishen Brunei 4865 via Berakas "Map" cd. in 5 wks. for an EG rpt. and 2 IRCs. v/s W. Robertson, C.E. (Alm-BC).

1060 Kc. CFCN 50,000 Watts
6030 Kc. CFVP 100 Watts

BROADCAST HOUSE
CALGARY - ALBERTA - CANADA

Your Report Nov. 19, 1978

We are pleased to verify your reception of

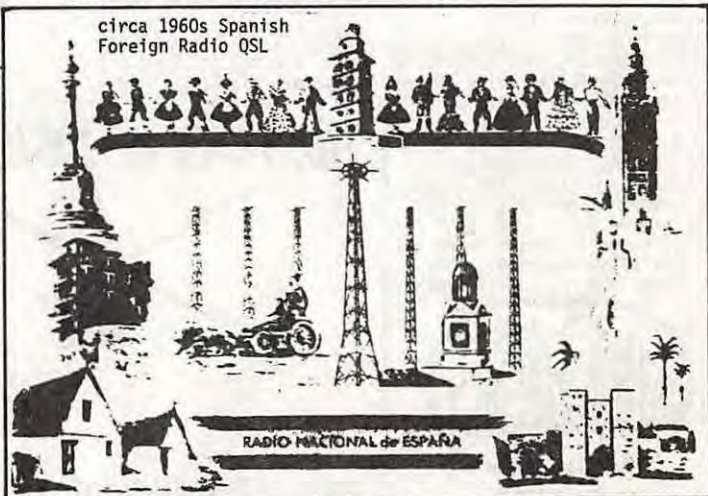
6030 CFVP via Ron
Howard
on Nov. 19, 78 @ 03:47-04:19

The Voice of the Prairies Limited

Per Carol Klarity

Photo—Downtown Calgary taken from
CFCN Broadcast House

circa 1960s Spanish
Foreign Radio QSL





via Dan Robinson

BULGARIA: Radio Sofia
9705 f/d "Kukery" cd.
in 38 ds. (Fraser-MA).
9530 w/ f/d "Schembarthauser"
cd. in 22 ds (Cucura-PA). 15330 w/
f/d "Seashore" cd. in
71 ds. (Leithner-TN).

BYELORUSSIA: Radio Moscow
WS via Minsk on 11770
and on 15490 f/d cd.
in 1 mo. (Barto-CT).

CANADA: CFVP 6030 Calgary f/d "Downtown Calgary" cd. in 9 ds. v/s Carol Donily. Power was listed on the QSL as 100 watts!!! (Howard-CA). same cd. in 3 ds. on my third try!!! (Hywarren-MAN). same f/d cd. in 12 ds. for ms. (Clifford-WA)... Very nice gentlemen!!!... Sam.

CKFX 6080 Vancouver 1tr. in 6 wks. v/s Tom Peacock, Program Director. This station uses only 10 watts!!! (Field-MI)... Great Marlin!!! CHU 14670 Ottawa "Fleming" cd. in 18 ds. for ms. (Clifford-WA). CFRX 6070 Toronto "Mobile" cd. in 29 ds. for ms. v/s C. Eastwood and D. Lumly, V.P. Engineering. (Leithner-TN). same w/ "Boat" cd. in 15 ds. (Hughes-MAN). RCI 15260 f/d cd. in 10 ds. (Desrosiers-MA) Thanks for the Letter Roly... Sam.

CHILE: Radio Nacional de Chile 15130 f/d "Sunrise in Mountain" cd. in 344 ds. for EG rpt. and 1 IRC. v/s Gabor J. Torey, Director Ejecutivo. (Brouillette-MI). same cd. for 9560 in 3 yrs! (Hywarren-MAN).

CHINA: Radio Peking 15060 f/d "Red Flag Canal" cd. in 25 ds. (Schmidt). 15520 w/ f/d "Red Roses" cd. in 17 ds. (Byron-NY). 17680 w/ "Fishing Fleet" cd. in 23 ds. (Fraser-MA). same w/ pennant in 32 ds. (Laird).

COLOMBIA: La Voz de la Heroica HJNW 2340 (2 x 1170) "Cartagena" cd. in only 10 ds! v/s Marcos Perez Quintero, Gerente. (Barto-CT).

COSTA RICA: Radio Universidad de Costa Rica 6097 nice SP 1tr. and cd. in 7 wks. for a SP rpt. and ms. (not used) v/s Jose Tassies Solis, Director. (Lobdell-MA). Radio Reloj 6006 f/d "Volcano Irazu" cd. in 14 ds. for a SP rpt. and 1 IRC. v/s Roberto E. Aragon

Addr: Aqui Costa Rica Program, Ap. 2936, San Jose. Station will QSL the T2REA program also! (Clifford-WA). same in 1½ wks. for a SP rpt. (O'Donnell). Often heard but not often reported!... Sam.
TIFC 5005 f/d cd. in 2 mo.



KGEI

This is one of the many new Radio New Zealand QSL cards.

I guess its getting a birds eye view of the Radio Clube do Uge Emblem.

Radio New Zealand has issued at least 5 different pennants during the previous 12 months! Did you get yours?

radio new zealand

RADIO TV SINGAPORE



THE VOICE OF RIGHTEOUSNESS



CHENG SHENG BROADCASTING CORPORATION LTD.
REPUBLIC OF CHINA

for an EG rpt. and ms.(Lobdell-MA). same in 3 wks. w/ station pennant.(Barto-CT).same f/d cd. and a ltr. from Mary Steele.Addr: Box 2710, San Jose. (Mann). same in 2 mo. for 1 IRC. w/ pennant. This was for an EG rpt.(Prisco-PA).

The Voice of Vietnam pennant is from the collection of Roly Desrosiers.

CUBA: Radio Habana 11760 f/d cd. in 123 ds. & 3 FDCs (Laird).

ECUADOR: HCJB 9560 and 11915 via Pifo w/ f/d "Jungle" cd. in 6 wks.(Klein-FL). same cd. for 11915 in 18 ds. and ms.(Byron-NY). same cd. and freq. in 33 ds. for ms. Calendar also rcvd.(Fraser-MA).

EGYPT: Radio Cairo 9475 f/d "Market" cd. in 158 ds. for 1 IRC.(Clifford-WA).

ENGLAND: VOA 7325 Woofferton f/d cd. in 8 ds. v/s Marica Reyes.(Cucura-PA).

ESTONIAN SSR: Radio Moscow via Tallinn in 86 ds. for a FR rpt. Freq..6055.(Gionet).

EUROPEAN RUSSIA: Radio Moscow via Moscow on 9680 w/ f/d "Birch Tree" cd. in 37 ds.(Fraser-MA). same cd. for 17775 via Armavir in 5 wks.(Lobdell-MA). 15320 via Kazan in 45 ds.(Prisco-PA). 21490 via Tula in 5 wks. Hoped for Baku but not this time!(Lobdell-MA). via Voronezh on 15135, via Ryazan on 11790, via Serpukhov on 11705 and via Kazan on 11820 and Tula on 17765 in @ 1 mo. for the new World Service in EG. (Barto-CT).

FEDERAL REP. OF GERMANY: DW 6100 cd. in 70 ds.(Laird). VOA Munich 3980 f/d "Four Seasons" cd. in 4 mo.(Klein-FL). same in 6 ds.(Farrell-ME). Radio Liberty 21745 f/d cd. in 16 ds.(Lazarus-LA). RFE 11835 f/d "Map of USSR" in 1 wk.(O'Donnell). *Suddeutscher Rundfunk* 6030 Stuttgart ltr. in 53 ds. v/s E. Berner. (McVicar-ONT). cd. in 42 ds. for an EG rpt. and 3 IRCs.(Kusalik-ONT). *Sudwestfunk* 7265 Rohrdorf f/d "Ear" cd. in 37 ds. for 1 IRC. v/s Dr. Schorken, Technical Direktor. (Leithner-TN). same in 6 wks. for ms(not used)(Lobdell

FINLAND: Radio Finland 15210, 11755 and on 15265 "Finnish Architecture" cd. in 5 wks.(Barto-CT).

FRANCE: RFI 17720 cd. in 37 ds. for 1 IRC.(Hughes-MAN)."Notre Dame" cd. for 25620 in 1 mo. w/ pennant.(Barto-CT).

GERMAN DEM. REP: RBI 9730 f/d "Cosmonaut" cd. in 38 ds. for a Gilfer rpt. Also rcvd. ltr. from Rudi Friedel. (Colacarro-MA).

GHANA: GBC 4915 f/d cd. in 37 ds. for an EG rpt.(Cucura-PA).

GREECE: Voice of Greece 9760 f/d cd. in 69 ds. v/s E. Stylianea, Director of Technical Services.(Leithner-TN). 11955 f/d B&W cd. in 30 ds.(Swanson-IA). 11730 in 36 ds. for 1 IRC.(Hughes-MAN). same in 6 wks.(Kapinos-MA).

GUAM: KTWR Trans World Radio 11810 f/d cd. in 3 wks. for ms(not used).(Lobdell-MA). 17855 w/ f/d "Antenna and Transmitter Site" cd. in 40 ds.(Duba-VT). same in 3 wks. for US ms.(Kapinos-MA). same in 19 ds.(Gionet). same in 30 ds. for an EG rpt. (Berezowski-ALB).

GUATEMALA: La Voz de Nahuala 3360 f/d cd. in 3 wks. for

a SP rpt. and 3 IRCs. v/s Sr. Juan Fidel Leppe Juarez. Also rcvd. a very large pennant! (Matthews-OH). same w/ XMAS cd. in 5 wks. for a SP rpt. and 2 IRCs. Pennant also rcvd.(Lobdell-MA).Radio Nacional de Guatemala TGW 6180 cd. in 127 ds. for a SP rpt. and 1 IRC. v/s R. Chenal L., Sub-Dir. Very beautiful cd!(George-TX).

HAITI: Radio 4VEH 11835 f/d "Control Board" cd. in 3½ mo. v/s Mrs. Edna Beachy. Station says that US listeners can use US ms instead of IRCs! (Matthews-OH).same for 9770 in 3 mo. for 1 IRC.(Lobdell-MA).same in 95 ds.(Gionet). 11835 and 9770 in 14 wks. for 1 IRC. (Klein-FL).

HONDURAS: HRVC 4820 f/d "Map" cd. in 18 ds. for an EG rpt. and 1 IRC. v/s Miss Ines Alvarado A.,(Wheeler-KS).

SUPPORT NASWA



BANGKOK METEOROLOGICAL RADIO



HONDURAS: HRVC 4820 cd. in 2 wks. for an EG rpt. (Field-MI).

HUNGARY: Radio Budapest 9585 f/d "Bridge" cd. and pennant in 7 wks. (Kapinos-MA).

ICELAND: *Voice of Iceland* 12175 f/d "Map" cd. in 10 mo. for 2 IRCs. (Blossom-OH). same in 9 mo. for a taped rpt. and 2 IRCs. (Lobdell-MA). same in 351 ds. for 1 IRC. (Hoffman-PA). same f/d cd. in 216 ds. for 2 IRCs. (McVicar-ONT). same f/d cd. in 15½ mo. for 2 IRCs. Also sent a tape to the station. (Pineault-QUE).

INDIA: All India Radio 11810 f/d "Yatru Car Festival" cd. in 9 mo. for a Gilfer rpt. and 1 IRC. (Berezowski-ALB). 9525 w/ f/d cd. in 11 mo. (Wallace-JAPAN).

AIR Kurseong 3355 ltr. in 6 mo. for an EG rpt. v/s S. Lahiri. (Field-MI).

IRAN: *Voice of Iran* 9022 f/d "Studio" cd. in 6 wks. (Kapinos-MA).

IRAQ: Radio Baghdad 9745 f/d "Map" cd. in 3 mo. for an EG rpt. (O'Donnell). same in 30 ds. (Laird). same f/d cd. in 76 ds. for 1 IRC. (Brouillette-MI).

ISRAEL: IBA 11655 f/d "30 Year Anniversary" cd. in 49 ds. for 4 IRCs. Decal was also rcvd. (Byron-NY). 11655 w/ "Tribes of Israel" cd. in 2½ mo. (Sahnow-RI). 25605 w/ f/d yellow and black cd. in 5 wks. (Lobdell-MA).

11655 w/ f/d cd. in 6 wks. for an EG rpt. (Hywarren).

ITALY: RAI 15315 f/d "Statue" cd. in 5½ mo. (Leithner-TN).

9710 f/d "Il Pescatore" cd. in 103 ds. (Wallace-JP).

JAPAN: JJJ 10000 f/d "Water Color painting of Two Women" in 7 mo. for an EG rpt. and 1 IRC. (Lazarus-LA).

15000 same cd. in 5 mo. for 1 IRC. (Kapinos-MA).

Nihon Shortwave Broadcasting 9595 Chiba f/d "Judo" cd. in 7 mo. for 3 IRCs. (Hartsell-CA). same f/d cd. in 9 mo. for a Gilfer rpt. and 1 IRC. (Berezowski-ALB).

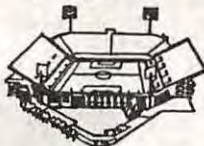
3925 w/ "Wolf" cd. in 5 wks. for 2 IRCs. (Tuchscherer-WI).

6055 w/ f/d "Silver Tower" cd. in 11½ mo. for 2 IRCs. (Tuchscherer-WI).

Radio Japan 17755 "Water Lilies" cd. in 26 ds. (Leithner-TN).

same cd. for 17825 in 3 wks. (Lobdell-MA).

via
Al Mayer



XIV Campeonato Mundial de Fútbol
19 al 25 de Junio de 1978



Argentina '78

Agradece su informe de recepción
el que cotejado con nuestro regis-
tro ha resultado correcto.

Frecuencia..... KHz.
Fecha..... 19...

**QSL
ESPECIAL**



LA EMISORA MAS POPULAR DE LATINOAMERICA

"GRIGOTA"



*This pennant from
Radio Grigota is
very striking in
appearance. It is a
brightly colored
in yellow and black.*

radio

ONDA CORTA

**4.825 Kis.
60 Mts.**

ONDA MEDIA

**1.340 Kis.
223 Mts.**

F.M. 90 MHz.

STA CRUZ BOLIVIA

SUPPORT
NASWA

SUPPORT
FRENEX

JAPAN: Radio Japan
15105 f/d "Water
Lilies" cd. in
15 ds. (Byron-NY).
same cd. in 35
ds. for 17825.
(Fraser-MA).

JAVA: Voice of Indo-
nesia 11790 cd.
rcvd. in 13 mo.
for an EG rpt.
(Wallace-JAPAN).

KOREA, REP: Radio
Korea 9720 f/d
cd. of "Korean
atop Mt. Everest
Peak" and a 1978
pennant in 25 ds.

(Duba-VT). 9720 w/ f/d "11 Headed Buddha from Sokuram Grotto" in 67 ds. for 1 IRC. Pennant also rcvd. (Clifford-WA). in 48 ds. w/ a beautiful red, blue and gold pennant. All for 3 IRCs. (Hartsell-CA). same cd. for 9525 in 2 mo. w/ pink and green pennant. (Matthews-OH). 11965 f/d "Chomsong-dae in Kyungju" cd. in 4 mo. (Matthews-OH). 9525 w/ f/d "Winter Scene" cd. in 3 mo. w/ blue pennant. (Matthews-OH). 9720 in 40 ds. w/ pennant for 3 IRCs. (Kusalik). 11965 w/ f/d "Rose of Sharon" cd. in 2 wks. (Barto-CT).

KUWAIT: Radio Kuwait 12085 f/d folder cd. in 5½ mo. w/ schedule. (Alm-BC).

LESOTHO: Radio Lesotho 4800 rcvd. a non-confirmation ltr. in only 4 years!!! (Johnson-CA).

Don't worry too much Irv. I received the exact same letter...only mine took two years!
Sam. Hi!!!

LIBERIA: ELWA

4770 f/d "Drum-
mer" cd. in
44 ds. for 1
IRC. (Radcliff-
IL). same in
297 ds. for 1
IRC. (Desros-
iers-MA). 11860
w/ same f/d cd
in 225 ds. for
2 IRCs and ms.
(Byron-NY).

LIBYA: Socialist People's

Libyan Arab Jamaheriya
Broadcasting Station 9500
ltr. in 64 ds. for an EG
rpt. and ms. v/s Abdul
Rezag Nouh, Planning and
Training Dept. (Onken-IL).
Not too often reported!!!

MALAGASY REP: Radio Neder-

lands 11730 f/d cd. in 20
ds. (Cucura-PA). 11740 w/
f/d "Authentic Costumes" cd
in 18 ds. (Duba-VT).

MEXICO: Radio Mexico 15385

ltr. in 62 ds. for a SP
rpt. and ms. Beautiful
pennant was also rcvd.
v/s Alfonso Aranda Velasco
(Pineault-QUE). same in 13
ds. for a SP rpt. and ms.
v/s Jorge Haro Ramero,
Jefe de RM., Pennant also
rcvd. (Wheeler-KS). person-
al ltr. via registered
mail in 8 wks. for a SP
rpt. and a plastic pennant
(Alm-BC). XEQM 6105 nice
ltr. in 3 wks. for a SP
rpt. tape and 2 IRCs. v/s
Mario E. Gonzalez Peraza,
Gerente. (Lobdell-MA).



Israel
Broadcasting
Authority

via
Chris Lobdell

THE TRIBES OF
ISRAEL - 16th
century map.



LA VOZ DE NAHUALA

from the collection of Chris Lobdell

La Voz de Nahuala'
Nahuala, Depto. de Solola
Guatemala, C.A.



Señor
Christopher R. Lobdell
Post Office Box 146
Stonham, Massachusetts 02180
U.S.A.



UNIVERSIDAD DE COSTA RICA
Ciudad Universitaria "Rodrigo Facio"
Costa Rica, América Central

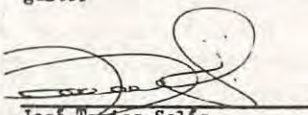
Señor Lobdell:

Agradecemos mucho su importante reporte de sintonía. Desde el 26 de Setiembre pasado estamos en nuestra nueva frecuencia de 6.105 KHz por lo que agradeceríamos una confirmación al respecto; es decir: si le es posible.

Gracias por su reporte grabado. Lo hemos hecho escuchar al productor del programa señor Jorge Astúa. El está muy satisfecho con su grabación.

La próxima vez que usted nos reporte no tiene necesidad de enviarnos el importe postal.

Nos ponemos a sus órdenes desde Costa Rica con mucho gusto.


José Fasies Solís
Director Radio U. de C.R.



RADIO UNIVERSITY

VL2UV

1750 Kc.

THE RADIO STATION OF

THE UNIVERSITY OF NEW SOUTH WALES

KENSINGTON, N.S.W., AUSTRALIA

MONACO: Trans World Radio 7105 f/d blue and white "Map" cd. in 2 wks. w/ a paper pennant. (Field-MI).

MONGOLIA: Radio Ulan Bator 6380 f/d blue and gold "Logo" cd. in 102 ds. w/ a station pennant. All for 1 IRC. (Wallace-JAPAN). 12070 w/ same f/d cd. in 11 wks. (Kusalik). Rcvd. 2 very large and 1/2 dozen small pennants for the next HAP auction...Sam.

NEW ZEALAND: Radio New Zealand 17860 f/d "Pasture and Mountains" cd. in 4 wks. for 2 IRCS.

NICARAGUA: Radiodifusora Nacional 5950 ltr. in SP was rcvd. w/ mention of (Kapinos-MA). their new freq. of 11875 in 34 ds. for a SP rpt. and 1 IRC. v/s Orlando Meza Lira (Gionet)

NIGERIA: Voice of Nigeria 15120 via Ikorudu f/d green and white cd. in 7 mo. (Wallace-JAPAN)

NORWAY: Radio Norway 17795 f/d "Scene" cd. in 6 wks. (Kapinos-MA).

PAKISTAN: Radio Pakistan 15520 "Main Gate - Royal Fort" cd. in 3 wks. for an EG rpt. and 2 IRCS. v/s Assistant Controller for the World Service. (AIM-BC). 15420 w/ cd. in 39 ds. for 2 IRCS. (Leithner-TN). 17845 cd. and sked. in 3 mo. for 1 IRC. v/s N. Ahmad, Planning and Research Dept. (Tuchscherer-WI). 17830 w/ "Mausoleum" cd. in 28 ds. for 2 IRCS. (Schmidt).

PAPUA NEW GUINEA: NBC 4890 Port Moresby f/d "Map" cd. in 2 1/2 mo. for an EG rpt. and ms. v/s C. Ketsimur. Also rcvd. a paper pennant. (Leithner-TN). Radio Eastern Highlands 2410 f/d ltr. along w/ a yellow NBC pennant and an NBC "Map" cd. in 45 ds. for ms. v/s A. R. Nase, Station Manager. (Kusalik). same in 5 wks. (Barto-CT).

PERU: Radio Tropical 9710 Tarapoto cd. and a very nice personal ltr. from Juan Pablo Mori, Gerente Proprietario in 27 ds. for a SP rpt. and ms. (McVicar-ONT).

PHILIPPINES: Voice of America 9630 cd. in 1 1/2 mo. (Berezowski-ALB). Radio Veritas Asia 9590 f/d "Multi-Lingual ID" cd. in 3 1/2 wks. v/s Ms. Larissa P. Malinao, Audience Relations Officer. (Matthews-OH). 17710 w/ "Laos: Land of a Million Elephants" cd. in 26 ds. for an EG rpt. and ms. (Leithner-TN). 9590 w/ "Listen to the Love Song of Asia" cd. in 3 wks. for 1 IRC. (Lobdell-MA).

40 ANOS RADIO GUARANI

USE O CINTO DE SEGURANCA



CIRCUITO CMQ

PINAR DEL RIO	-CMQA	920 KC.	1,000 W
HABANA	-CMQB	830 KC.	25,000 W
"	-COCO	"	5,000 W
SANTA CLARA	-CMHQ	840 KC.	15,000 W
CANAGÜEV	CMJL	920 KC.	10,000 W
HOLGUIN	-CMKJ	730 KC.	10,000 W
SANTIAGO	-CMKU	880 KC.	2,000 W

19670 Kc.

EL CIRCUITO CMQ LE AGRADECE SU CMQ NETWORK GREATLY APPRECIATES YOUR REPORTE DE ESTA FECHA: 1/23/59.-

REPORT OF: *[Signature]*

PHILIPPINES: FEBC 17810 f/d
 "30 Years of Broadcasting"
 cd. in 82 ds. (Radcliff-IL)
Radio Philipinas 9580 f/d
 cd. in 14 mo. (Wallace-JAPAN
 same in 11 mo. v/s TheIma
 M. Maced, Production Man-
 ager. 12 beautiful stamps on
 the envelope! QSL took 5 follow
 ups! (Berezowski-ALB).



POLAND: Polskie Radio 9525 f/d "Dove" cd. in 4
 wks. w/ station pin. (Kapinos-MA).

PORTUGAL: Radio Japan 11825 Sines "Map of Eur-
 asia" cd. in 3 wks. Card specifies this is
 their second series of tests. (Matthews-OH).
 same cd. in 5 wks. (Kapinos-MA). white, blue,
 silver and red cd. in 1 mo. (Hywarren-MAN).
 "Toy Straw Horse" cd. in 27 ds. (McVicar-ONT).
Radio Portugal 11935 f/d cd. in 4 wks. (Kapi-
 nos-MA).

RWANDA: Radiodiffusion de la Repub-
 lique Rwandaise 6055 cd. in 331 ds. for a
 taped rpt. and 2 IRCs. (Gionet).

SAUDI ARABIA: BSKSA 11775 Riyadh f/d "Crossed
 Swords" cd. in 50 ds. via registered mail
 Post cards also rcvd. v/s A. M. Swailem, Asst.
 Deputy Minister of the Engineering Dept. (On-
 SIERRA LEONE: SLBS 5980 f/d ltr. in 34 ken-IL)
 ds. For ms. v/s H. A. Lynch, Director General.
 (Leithner-TN). f/d ltr. in 30 ds. for 2 IRCs.

SINGAPORE: Radio Singapore 5052 f/d (Duba-VT).
 "Singapore by Night" cd. in 12 wks. (Alm-BC).

SOLOMONS: Solomon Islands Broadcasting Company 5020 f/d "SIBC
 Emblem" cd. in 115 ds. for 1 IRC. (Clifford-WA).

SOUTH AFRICA: Radio RSA 11745, 9585 and on 5980 w/ f/d
 "Kingfisher" cd. in 1 mo. (Barto-CT). 11900 w/ f/d
 "Drakensberg" cd. in 20 ds. (Colgan-TX).

SPAIN: Radio Exterior de Espana 9630 Toledo f/d photo
 cd. of "Malaga" in 5 wks. (Barto-CT). 9630 w/ f/d
 "Belles in Evening Dresses" cd. in 69 ds. Station
 says that they are designing a new pennant. (Byron-
 NY)...Hope it is as beautiful as the last one.
 Sam. 11880 via Noblejas w/ f/d "Formentera & Bale-
 ares" cd. in 2 mo. (Klein-FL). 11880 w/ f/d "Ladies"
 cd. in 2 1/2 mo. (Shanow-RI).

HC 3LV
 Radio
 Luz y Vida



SWEDEN: Radio Sweden 9695 f/d "Map" cd.
 in 24 ds. (Colgan-TX).

TAHITI: France Region Trois 15170 f/d
 "Maiden" cd. in 3 wks. for a FR rpt. and
 1 IRC. (Kapinos-MA).

TAIWAN: Voice of Free China 17890 f/d "Horse
 Painting" cd. w/ sked in 1 mo. (Lobdell-MA).
 same cd. and freq. in 3 wks. for 1 IRC.
 (Kapinos-MA).



via
 R. Desrosiers

1917-1977

МОСКВА РАДИО



This beautiful multi-colored
 decal is from Radio Libya.

During the Christmas and New Years season, this station
 usually appears on 3205 kc/s during the early morning.

La Voz de la Libertad

VAMOS MAS LEJOS

Programas-Tarifa 1978

Long Beach, Telef: 586-2540

Apartado No. 244

PUERTO PLATA, R. D.

TANZANIA: Radio Tanzania 15435 usual yellow and pink "Sauti Ya Tanzania" cd. in 5 mo. after 4 tries! v/s S. Saleh. (Hywarren).....For those of you who have logged SWAPO programs from this country, they are now QSLing! Write to them at SWAPO, P. O. Box 2603, Dar Es Salaam, Tanzania...via Proposta bulletin.

TOGO: Radio Lama-Kara 3222 f/d "Emblem" cd. in 400 ds. for a FR rpt. and 1 IRC. (Cannon-NC).

TURKEY: Voice of Turkey 9515 f/d "Love and Peace in Turkish Humor" cd. in 26 ds. Sked & Turkish flag were rcvd. (Leithner-TN).

TURKISH FEDERATED STATE OF CYPRUS: Bayrak Radio and Television 6280 via Lefkosa cd. w/ frequency list, very nice ltr. w/ verie statement in 36 ds. for an EG rpt. and 3 IRCs. v/s Hakki Suha, Director. (McVicar-ONT)....Very nice QSL!!!!...Sam.

UGANDA: Uganda Broadcasting Corp. 15325 f/d ltr. in 89 ds. (Colgan-TX). same ltr. in 4 mo. w/ schedule. v/s C. A. Kizzakazito. (Alm-BC). same in 4½ mo. (Pineault-QUE). 9515 w/ f/d ltr. in 9 mo. for 1 IRC. (Wallace-JAPAN).

UKRAINE: Radio Moscow via Lvov on 6200 w/ f/d cd. in 1 mo. for the EG WS. Large red pennant was also rcvd. This one is twice the size of their smaller red one. (Barto-CT). via Vinnitsa on 17840 in 5 wks. w/ f/d "Moscow Scene" cd. and calendar. (Tuchscherer-WI).

URUGUAY: Radio Libertad Sport CXA61 6045 f/d cd. in 3 mo. on my 7th try! This was for a SP rpt. Arrived via registered mail. v/s Jorge Dubilo, Director. (Field-MI)....Never give up gang. Sometimes its more rewarding this way...Sam.

USA: VOA Greenville 17785 f/d cd. in 4 wks. (Mann). 15205 w/ "Four Seasons" cd. in 2 wks. after a follow-up! (Klein-FL). 26040 cd. in 6 ds. v/s Monica Reyes. (Margritz-NE). VOA Dixon 17820 and on 17895 w/ f/d cds. in 2 wks. (Klein-FL). 9730 w/ same cd. in 9 ds. (Margritz-NE). 26095 w/ cd. in 9 ds. (Margritz-NE). VOA Bethany 17710 f/d cd. in 2 wks. (Mann). 6125 w/ f/d "Four Seasons" cd. in 2 wks. (Klein-FL). 6040 w/ same f/d cd. in 9 ds. (Margritz-NE). AFRTS 6155 via Bethany w/ f/d "DOD Logo" cd. in 10 wks. Also rcvd. a full AFRTS program schedule. (Klein-FL).

This is the new blue and green pennant from the Polskie Radio.

POLSKIE RADIO
herby
miast polskich



WARSZAWA

BBC RADIO
206
NEWCASTLE



Germany Calling

Bill Yohana of Upper Saddle River, N.J. purchased this QSL and a few of the other oldies at a local stamp dealers store for only \$.25. This 1937 QSL is from DEUTSCHER KURZWELLESENDER the German International Broadcasting Station...Great contribution for our members Bill.

Haus des Rundfunks (Broadcasting House), Berlin

Dear Radio Friend:

We are much obliged for your communication of 1937 report of reception of broadcast from our station on 16.01.1937. The data given by you have been checked by our log and we take pleasure in verifying that what you then heard was from the program of our shortwave transmitter on 17.01.1937.

We should appreciate any further reports on the receiving conditions in your district, as well as any suggestions or criticism which you may care to make with regard to the program. It helps us in our work, and it is pleasant to keep in touch in this way with our overseas audience.

We would also appreciate if you would invite your friends to listen in to our program. Full details about our transmissions as well as printed monthly program schedules are available for all zones upon request and are sent free of charge.

We hope that you will continue to tune in to our station for many more hours of pleasant entertainment and we remain with best wishes for further successful logging.

Yours very truly,
Deutscher Kurzwellensender.



the D. J. Shortwave Stations

USA: WYFR 5985 f/d cd. and sked. in 1 mo. (Duba-VT). WINB 15185 w/ f/d cd. in 30 ds. for ms. v/s John M. Norris, V.P. (Wheeler-KS). same in 7 ds. for an SASE. (Fraser-MA). WFAT "Fat Radio" 1630@ cd. rcvd. in 7 ds. for a telephone call! It was a black and white folder w/ station information. (McVicar-ONT). Very good Rich. Get a copy into me. I'd like to run it in the column... Sam. Voice of the Voyager 5850 and on 11700 QSLs from Mike Martin in 1 mo... In case you are reading this I also heard your transmission on 6220. Call me. You know the number. I also have a tape of the first transmission rcvd. out of Minn. from March of 1978. (Hywarren-MAN). WVAM 2860 f/d ltr. including freq. from Jeffery A. Keith, Chief Engineer. He states that he checked the transmitter and found that a capacitor in the second harmonic network had changed value and allowed the second harmonic level to soar! Mr. Keith thanked me for the report and said that the station probably would of received a citation from the FCC had not I informed them of the problem. Very interesting... (Barto-CT).

Voice of the OAS 11830 cd. in 6 ds. (Prisco-PA)... Haven't seen this one reported in a while... Sam.

USSR: Radio Moscow 11730 cd. in 4 wks.

(Matthews-OH). 15450 and 12050 in @ 1 mo. w/ post cards, booklets and magazines (Williams). 16190 w/ f/d "Clock Tower" cd. w/ freq. in 1 mo. Rcvd. a ltr. from Paul Kuznetsov stating that my reception was quite correct but that they do not use SSB, (which I heard on this freq.) except for some home service facilities feeding network programs to local stations in the USSR. (Hartsell-CA).

VATICAN: Radio Vatican 9645 w/ f/d "Antenna" cd. in 3 mo. for an EG rpt. Sticker and pennant also rcvd. (O'Donnell)... Must be new!... Sam. 6015 f/d cd. in 26 ds. (Laird).

VENEZUELA: Ecos del Torbes 4980 ltr. and a pennant rcvd. in 1 mo. for a SP rpt. and ms. v/s G. Gonzalez Lovera, Director. (Prisco-PA). Radio Universo 4880 f/d "Globe and Tower" cd. in 3 wks. for a SP rpt. and 1 IRC. (Brouillette-MI).

VIETNAM: Voice of Vietnam 15012 ltr. in 96 ds. (Radcliff-IL). same in 69 ds. for an EG rpt. and 1 IRC. Post cards were rcvd. (Dawson-ALB). same in 9 wks. (Mann). same in 47 ds. for 2 IRCs. and a paper pennant. (Hughes-MAN). in 74 ds. for a FR rpt. Pennant was also rcvd. (Gionet). 10040 f/d ltr. in 3½ mo. Pennant was also rcvd. (O'Donnell).

WEST IRIAN: RRI Sorong f/d cd. in 6 wks. via registered mail for an IN rpt. and ms. (Alm-BC). RRI Fak-Fak 4790 f/d ltr. rcvd. from.



O R U R O
 4760 Kcs - 60 Mts.
 1450 Kcs - 200 Mts.
 158 Mc
 E. M.

CP 61-62
 RADIO OF AMERICA
 Casilla 525



SOCIEDADE RÁDIO CLUBE DE VARGINHA LTDA.

(A voz das aspirações sul-mineiras vibrando no céu azul das alterosas)
ONDAS MÉDIAS 1.210 kilociclos — ONDA CURTA 4.525 kilociclos
248 metros — 1.000 WATTS — 62 Metros

ESTÚDIOS E ESCRITÓRIOS
Rua Presidente Antonio Carlos, 489
Fones: 2294 — 2262

VARGINHA
SUL DE MINAS

TRANSMISSORES
Av. Ana Jacinta, s/n — Fones, 2285
Caixa Postal. 102

Varginha, 27 de July de 78

Z

Referring to your letter of 26-06-78 we were very glad when sent the details of this program and we could verify it was taken perfectly from the same program as of that date

Y

Thanks a lot and we hope you go on hearing our programs. When you come to Brazil, we invite you to visit us. We would like to show you "The Princesas of the South of Minas Gerais" how Varginha is called here, for this reason all of us are proud of this quiet and comfortable city.

B

Varginha was founded in 1881 with the name of Holy Ghost of Varginha and in 1882 it was elevated to the category of city. It is located about 318 km from S. Paulo, 380 km from Rio de Janeiro, 304 km from Belo Horizonte and 1,076 km from Brazilia.

2

We can drive from these capitals to Varginha on a paved highway along the banks of the rivers and over mountains when we come from Rio. It is a wonderful landscape.

III

There are also excellent means of transportation such as: buses, taxis, and airplanes.

Z

Its population is close to 50,000 inhabitants. Its climate is agreeable, dry and cold in winter, and isn't very warm in summer, because it is situated in a lovely green valley among mountains at 900 meters above sea level.

Y

We have good coffee farms, consequently coffee is its principal product and there is a soluble coffee factory.

V

850 rural companies deal with coffee, milk and cereals production. There is a big railroad station where some products are sent by Central West Railway to Rio, São Paulo and Belo Horizonte.

56

II

Our principal industrial center is Mitsubishi Company from Japan, makes boilers for ships and factories.

Among educational facilities we have ten elementary schools, seven high schools, many commercial courses, Chemistry Course, Universities School of Law and School of Philosophy, for training secondary teachers. Cultural Institute of Brasil United States where English is taught as a second language as well as Yáziqi course of conversational English

We can meet here several service Clubs: Rotary, Lions, Beavers, Orbis and Labor Clubs, eight social cultural and recreative clubs, besides zoobotanical park where many wild animals and beautiful singer birds live, this is one of the favorite sport for tourists.

The people are young, gay, progressive and optimistic. Sports are improving here. There are a lot of football, volley and basketball teams. They are fond of swimming, tennis hunting and fishing to. At the Country Club we can practice Target Shooting.

Twice a year we have Open Sports Competition in which all towns from this region take part.

Here it is our city

Z. Y. I 223

Yours truly Soc. Radio Cl. Varginha Ltda.
Leas Bragança

N. Narande, Station Manager. Station states that their power is now 1 kw. (Kusalik).
YUGOSLAVIA: Radio Beograd 9620 f/d "Ohrid" folder cd. in 61 ds. (Leitner-TN).

This month we were down to about 85 countries or so but we always seem to get many, many quality QSLs in the column by our reporters. I would like to thank each and every one of you for your kind letters and support for the new format of the QSL column. Also thank you for the dozens and dozens of Christmas cards and New Years cards that were received. Merry Christmas and a very Happy New Year to all of you!



RADIO
« SANTA CRUZ »
TIERRA CANBA 940 Kc/x. y 6185 Kcs onda corta

Sincerely,

Sam Bato

update

January 1979 *** Number 34

Tom Alleman
615 W. 43rd Terr., Apt. 6
Kansas City, MO 64111 USA

(816) 931-5943 0030-0400 only

UPCOMING DEADLINES 12 January (Mid-Jan) 22 January (Feb) 10 February (Mid-Feb)

Reprinting permitted provided credit is given original reporter and NASWA UPDATE. Dates, times and days are GMT; freqs are kHz.

- ANGOLA R. Nacional, 3375, in PT 0505; M w/ talks about Angola and mentioning other African countries. Good sigs that improved as time progressed. (Jim Fedor, CAL)
- ARGENTINA RAE, 9690, in EG 0310-0359; classical and Argentine mx, px on Argentine folklore, and "This is Argentina" px. (Chris Leithner, TN; 12-8)
- BENIN LVRB, 4870, in FR 2233-2301*; native mx and chanting, NA and off. (Duane Sears, OH)
- CAMEROUN R. Bertoua, 4750, at *0425; NA, talks by M in FR, ID at 0430, and then possible nx. Some UTE problems. (Fedor, CAL)
- CANADA CFRB Toronto, 6070, in EG 1155; sports px w/ mostly hockey and QRM from 6065. (Ed Grant, NY; 12-11) +++ CHNX Halifax, 6130, in EG 0903; TC for GMT-4, weather, pop and C & W mx and ID at 0930. Then nx, sports and weather. (Klein, FLA)--- CHNX also noted at 1200 daily with nx and commentary called "Old Age", a humorous px. Stronger than CFRB. (Grant, FLA) +++ CKZN St. John's, 6160, in EG 1130; world and local nx, and weather. (Klein, FLA)
- CHAD Ndjamana, 4905, TENTATIVE at *0425 in FR; M anncr, much guitar mx, some singing, possible ID at 0500 and nx. (Grant, NY; 12-9)
- COLOMBIA LV del Cinaruco, in SP 0055; frantic harp and vocal mx for at least an hour, frequent Caracol IDs and stn ID at 0125. W anncr for songs. Strong sigs but rough copy nonetheless. (Jim Weber, PA) +++ R. Surcolombiana, 5010, in SP 0335; talks and ID at 0400. (John Rich, SC; 12-16)---Surcolombiana also noted at 0426-0500 w/ full SP ID at 0500. Also mx and ads. (Leithner, TN; 12-15) +++ R. Mira, 6015, in SP 1125; M anncr, "Amigos oyentes," mentions of Bogota, ID, TC and usual mx. (Klein, FLA) +++ R. Centro, 6095, in SP 0935; RCN ID by M, LA mx. (Klein, FLA) +++ LV del Huila, 6150, in SP *0930; on suddenly, into mx and then an ID. Very strong. (Klein, FLA)
- COSTA RICA Faro del Caribe, 5055 in EG *0225; Religious px, ID as "Lighthouse of the Caribbean." (Leithner, TN) +++ Faro del Caribe, 9645, in EG 0225; "Bible Time." (Ruth Vollrath, MO)
- DENMARK R. Denmark, 15165, in Danish 1730-1800; EG ID at 1730 and into Danish px to 1800 fade out. (Sears, OH; 12-3)
- DOMINICAN REP. R. Norte, 4785v, in SP 0730; M anncr, many mentions of Santiago, ID, TC and ad for Bermudez rum, just as on their penant. (Klein, FLA)--- Norte also noted 0430-0448 but on 4790; out of nowhere w/ a phone-in show and clear R. Norte ID by M. (Grant, NY; 12-9)
- ECUADOR Ondas Quevenadas, 3325, in SP 0245; LA mx, 99% sure of ID by M at 0245 and into talks by same M. (Fedor, CAL) +++ R. Tropical, 3340, in SP 0300; ID, TC, band mx w/ nx segments. They make full use of their reverb equipment. (Jack Jones, MISS; 12-9) +++ R. Iris, 3380, in SP 0300; nice local mx then ID and talks. (Fedor, CAL) +++ Em Gran Colombia, 4915, in SP 1105; network nx and names of all affiliated stns. (Jones, MISS; 12-15)
- EQUATORIAL GUINEA Malabo, 6250, at 2045+; good sigs, solid local mx and singing in contrast to usual SP imports of opera, etc. (Bill Whitacre, MI; 12-6)
- ETHIOPIA VoRE, 7110, in Amharic 0330; pips and into nx by M. (Fedor, Cal)
- GERMANY (FED. REP.) Sddeutscher Rundfunk, 6030, in GM 0738; "mit muzick like this, I just had to haff a bier und zing along." (Klein, FLA) *** Your editor disclaims all responsibility for ersatz accents submitted by reporters to this column . . . hi. tba
- GRENADA R. Grenada, 15105, in EG 2038-2158; M anncr w/ greeting and US pop mx. (Sears, OH)
- GUATEMALA TGNA, 3300, in EG 0400; "Songs in the Night." (Vollrath, MO) +++ LV de Nahuala, 3360, in SP 1134; ID, TC and "mas musica marimba . . ." (Jones, MISS; 12-18) +++ La Voz de Guatemala, 6180, in SP 0537-0607*; marimba mx, s/off anncmts. (Leithner, TN)
- HAITI R. Citadelle, 6155, in FR 0945; Christmas comes early to the isle of Hispanola, w/ FR Christmas carols between ads. Many old favorites. What creates hideous het always here?? (Klein, FLA) +++ 4 VEH, 11835, in EG 1315-1345; religious px. (Sears, OH)---4 VEH also noted at 2300 in EG on 11835 w/ ID and Christmas mx. This b'cast often heavily QRMd. (Vollrath, MO)
- HONDURAS R. Juticalpa, 4780, in SP 1135; M w/ canned hype on stn, many "Juticalpa"s, TC, and ranchera mx. (Klein, FLA) +++ HRVC, 4820, in EG 0340; "Country Crossroads." (Vollrath, MO)---HRVC also noted at 0415-0455* in EG w/ religious px and IDs at 0430 and 0455. (Sears, OH) +++ R. Landia, 4965, in SP 1219; "Aqui la hora Centroamericana en R. Landia . . ." TC, ad string, and US pop mx. (Jones, MISS; 12-16)
- INDIA AIR Hyderabad, 4800, in lang 1145; Asian chanting and lang talks by M. Then into subcontinental mx and talks by W. Heavy Peking QRM. (Fedor, CAL) +++ AIR, 11620, on EG 2206-2230*. World nx, commentary, and Indian Folk mx; several good IDs. (Leithner, TN; 12-10)

INDONESIA RRI Kupang (Timor), 3385; w. poor sigs under PNG till 1300*; heard SCI under Rabaul till 1300 then pips and Jakarta nx relay. My first time on this. Site per list. (Whitacre, MI; 12-8)

ISRAEL IBA, 11635 NF, 2000-2310. A move from 11638 which is QRMed by a UTE on 11640. Sigs much better on NF. Will also change to 11635 at 0435-0500 in various langs and 0500 EG, 0515 FR, if this works out. Info via Larry Magne, IBA Engineering. (Bob Zilmer, WI)

ITALY RAI, 7290, in EG 1945; nx read by W and chirping bird s/off. (Grant, NY; 12-10)

IVORY COAST RTVI, 11920, in FR 2350-0002*; African pop tunes and anncmts to s/off w/ NA. Best ever. (Fedor, CAL)

JAPAN RJ, 15195, in EG 0205; "Hello America." (Vollrath, MO)

JORDAN R. Jordan (HKBS), 9580, in EG 1535-1730*. At tune in, request px w/ W anncr reading requests, birthday greetings and American pop mx. Talk px at 1600, more mx 1630-1700. Then TC, pips, ID and nx at 1700. Easy listening mx to 1730 s/off proceedings. Fair to poor. (David Schweikart, VA)

KOREA (REP.) Seoul, 7550, in EG *2300-2330; nx, editorials, and several IDs. (Sears, OH)

MOROCCO RTVM, 6190, in AR 0520; M w/ talks mentioning several persons in Middle East; suspect nx. ID by W 0600. (Klein, FLA)

NICARAGUA Rdf Nac., 5950, in FR (!!) and SP 0450; SP talks then FR px called "Radio-disco". (Yecch) AM pop mx. (Klein, FLA) *** Discomozza ??? tba

NORWAY RN, 21730, in Norwegian 1440; IS, ID and nx in Norwegian. (Rich, SC)

OMAN BBC Eastern Relay, 15310, in EG 0730; top pop mx for 1972. Barely audible even with half-wave dipole for 19m. (Klein, FLA)

PERU R. Nacional, 6082, in SP 0815+; latin mx and clear RN ID. (Grant, NY; 12-9)---R. Nac. also noted at 0900; nice guitar mx to 0907 followed by ID and local mx w/ many flutes. (Klein, FLA) ++R. Tawantinsuyo, 6175, in SP *1007; s/on proceedings and local mx. (Klein, FLA)

SAUDI ARABIA Riyadh, 6000, in AR 2105+; big sigs w/ chants by M, ID by M w/ mentions of Riyadh and more mx and singing. (Whitacre, MI; 12-6)

SIERRA LEONE SLBS, 5980, at 0812; various kinds of mx, M anncr w/ TC and ID. (Klein FLA) ---SLBS also noted at 0805+; anncmts galore of social events by M, including "Doctor Dynamite" at some hall or disco. (Grant, NY) *** Dr. Dynamite ??? tba

SOUTH AFRICA Radio 5, 3320, in EG 0315; IDs, pop mx and short talks by M. (Fedor, CAL)

SPYLAND Numbers stn, 5015a, in GM 2318; W reading 5 digit GM groups. (Leithner, TN)

Numbers stn, 5810, in SP 0338; W reading 4 digit groups in SP. (Leithner, TN) *** Possibly the same woman?? tba

SWAZILAND Swazi Radio, 4980, in EG 0400; pop tunes and talks by M. (Fedor, CAL) *** You sure Jim? In times past, this period was used by R. Truro, in lang to the native Indian community. tba

SWITZERLAND SRI, 3985//6165 at 0656; Swiss country mx (very nice), M w/ ID, freqs, and into EG. (Klein, FLA)---SRI also noted on 21570 in EG at 1530; EG nx and commentary. (Rich, SC)

TANZANIA Dar es Salaam, 6107, in Swahili 2055-2101*; nx, many mentions of Dar es Salaam, recorded s/off anncmts, NA and off. First time noted here. (Whitacre, MI; 12-6)

USA Via Stu Klein comes nx of mthballing of stateside VOA tx. Dixon will close 1 October 79 and Bethany 1 October 80. Info from Monica Reyes, Public Information Assistant. An earlier report to Dec LN had both tx sites leaving air in Sept 79.

VENEZUELA On 4 Dec, the Venezuelans did not sign off at the usual 0400. Hence the following logs: LV del Tigre, 3255, in SP 0855; R. Monagas, 3325, in SP 0755; R. Nacional, 6170, in SP 0950; R. Universidad, 3395, in SP 0810. All w/ fairly typical YV format. (Klein, FLA)

~~XXXXXXXXXXXXXXXXXXXX~~ Ops Department: The freq on Bill Whitacre's UnID in UD 32 is 2370. Sorry. tba

Terry Colgan, TX and Alan Brook, NH, wrote in with more info on Dean White's R. Moscow 3150 in UD 32. Terry also noted that the RF-2800 suffers from 4 MHz images, and Alan reminds us that different RM programs w/ different IS use the same freq at half hour intervals. Tnx, gentlemen. Alan is publisher of NEDS News by the way. tba

That's it for the first UPDATE of the New Year. Tnx to all who wrote in. Hope some of you first-timers will become regular UPDATERS.

73, Tom

log report *section*

1600-4899



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We are in the heart of the DX season now, and along with the many fine loggings this month came some equally fine and thoughtful Christmas and New Year cards. My sincere thanks to all who took the time to send them! We've got quite a lot this time, so I'll hold any further comments to the end of IR-A. This, my 45th IR-A for NASWA/FRENEX...

***** LR - A / SPOTLIGHT *****

- * INDIA 3235 AIR Gauhati: 1330-1400 Bengali/Assamese, YL & M ancrs w/tlk, seems to be mx, mentions of India; YL w/mx, mention of Gauhati, ID 1400 for AIR and into nx read by M (Godfrey 11/29)
- * BOLIVIA 4755 Radioemisora Bolivia: 0940 w/Aymara pgm, huaynos, ancrts and tlk, 0955 w/long series of ads for Toshiba, Aerolineas Argentinas, etc. 1004 W w/ID "Radioemisora Bolivia, la primera emisora campesina..." then back to Aymara pgm w/4 SP IDs thrown in (McNeil 12/26)
- * PERU 4895 R Chanchamayo: *1045, NA in progress, DJ w/TC, ID, mention of nuestro pais..." and into campo mx (McNeil 12/26)

- 1620v USA WFAT (PIRATE): 0712 w/phone-in pgm on 11/11, and on 11/23 w/Thanksgiving pgm, ancr Larry McCrea (McVicar) 1020-1121* w/calls from N.J., MD, NC--woman asked what a QSL card was, ancr Larry McCrea; ancd // 3240 (Alexander 12/3) Noted here 11/11 on 3248 w/same pgms (DR)
- 2160H COLOMBIA HJWF Radio Musical: 1023-1032 in SP w/ID, vocals, ancrts and many mentions of Cali; 2 x 1080 (Barto 12/12)
- 2284 INDONESIA UNID: Hrd at good lvl 1500-1600 on 11/14 (Willis)
- 2310 BRAZIL R Progreso: 0256-0300 in PT w/pop mx and ID by M (Barto 12/4) Listed .25kW
- 2320 UNID 0029-0046 in PT w/sporadic tlks by M in PT along w/many vocals; R Progreso 2310 and Coari on 2490 in at same time w/PTs on 3265, 3205, and 3295 (Barto 12/13)
- 2332 JAVA RRI Jakarta: Well hrd at 1500 (Willis-AUS)
- 2340 CHINA CPBS Fuzhou: 1115-1130 in CH w/YL ancr (Barto 12/6)
- 2340H COLOMBIA HJNW LV de la Heroica: 1000-1004 in SP w/ID and mention of Cartagena, tlks and one vocal; MW freq of 1170 has been observed lately but not this AM. At 1001 march mx was hrd under HJNW and another str seemed to s/on at 1003, soon overriding HJNW. New str's ID given at 1006 as R Boyaca HJGA in Tunja w/vocals vy M/F groups; at 1010 the Fuzhou CPBS str made its appearance on freq--Colombian harmonics on 120 m are amazing this season (Barto 12/12)
- 2376 INDONESIA UNID: Hrd here at fairly good lvl 1530 (Willis-AUS)
- 2390 GUATEMALA LV de Atitlan: 1140-1200 SP w/easy listening vocals, ID 1200 (Barto)
- * 2390 MEXICO R Huayacocotla: 0030 SP, ID given, rancho mx, good lvl (Klein 11/10) Booming away here right now at 0200 (IR)
- 2412 INDONESIA UNID: Here at 1500, fairly good lvl on 11/14; UNID Indonesians are on 2612, 2618, 2992, 3002, 2649, 2820 all of which are of undoubted low power but well hrd here in Western Australia, especially around 1500 and 1600 (Willis-AUS)
- 2420H GUATEMALA R Rumbos: 2 x 1210 ID, SP, mx at 0506 (Wood 12/12) 1135 w/SP ID by a M, lively LA mx (Barto 12/12) UNID here 0501-0510 in SP w/LA mx 11/29 (Barto) 0830 SP fairly regular, always nice LA and lcl marimba pgm (Klein)
- 2450 USA PIRATE WPBN: 0256-0314 w/mx, mention "Garden State Park Center..." (Barto 11/29) Announcing 1220 AM w/lots of Bad Company and DJ called "Wolfman Bruce.." 1220 AM not hrd; hardly any IDs, lots of dedications; *0000 to ancd 0500*(1w3ggs) 2440 on 12/2 0200 ID as "WCBN 1220 AM w/rock mx (Hoffman)
- 2476 CHINA Hangzhou CPBS: 1302 CH, M ancr w/tlk and portions of CH mx by orchestra (Godfrey 12/7) 1148-1153 W vocalist w/tlk (Valko) Now we can look forward to the first Chinese Communication receivers being shipped to curious DXers in U.S. (DR)
- * 2490 BRAZIL R Educadora Rural: 0220-0230 in PT w/light dance mx, instr, ID 0230 (Barto) Booming here on Christmas Day (IR)
- 2490 CHINA Fuzhou FLA: 1313 CH, W with vocals and stringed instrumental (Godfrey 12/7)
- 2800H USA WPCS Machias, Maine: 1012-1019 w/TC, C&W mx, ads (Barto 12/12) 2 x 1400
- 2850 N. KOREA Pyongyang: 1120 in KR w/tlk, vocal mx, F/G (Johnson 11/11)
- 2860H COLOMBIA HJEG LV de Belalcazar: 1041-1050 SP w/IDs, vocals by M, mentions of Popayan at 1050; 2 x 1430 (Barto)

- 2920H UNID HAITI 1050-1115 in FR w/tlks by M/W; disco vocals by W; mentioned "GM" at 1105, car ad or "4VGM" ID?? Need help...(Barto 12/12)
- 2950H HAITI LV du Peuple: 1100-1125 in FR w/MCR mx, many instrumentals and IDs at strong lvl (Barto)
- 3200 SWAZILAND TWR: *0300 following IS, into rel pgm; WRH states *0330(Gordon 11/11) 0310-0325 in lang w/powerful signal; also hrd on 3240 w/different pgm (Barto)
- 3200 CHINA Fushou PLA: 1125 CH, W w/CH mx (Johnson 11/11)
- 3205 BRAZIL R Ribeirao Preto: 0130 PT, LA mx, M w/ID (D'Angelo 12/3) Brazilian mx??
- 3210 MOZAMBIQUE RM Maputo: 0258 IS, ID in FR, EG/PT between every 3rd IS; NA, chime, ID and mention of Pgm A, fgys listed, 4 note chime, another ID and into mx (Gordon) Thanks for the letter...(DR) 1600 in PT at E lvl // 4865, 11819, 9623, 7237, 6115, 4816 (Wallis-AUS)
- 3210T ECUADOR R Federacion: 1047 SP, M in tlk and LA vocals and mx, no ID (Osterman) Rpt'd tentatively in "other" publications--watch this freq for good IDs...(DR)
- * 3215 SULAWESI RRI Manado: 1323 IN, M w/nx followed by W w/lcl mx and U.S. pops (Godfrey 11/10)
- 3220 PAFUA NEW GUINEA R Morobe: 1140-1147 w/vocal mx by M, strong! (Barto 11/11)
- * 3225 SUMATRA RRI Tanjung Pinang: 1325 IN, M ancw w/tlk and chorus of singers w/hymn like mx, very poor (Godfrey 12/7)
- 3227 LIBERIA ELWA: 2140 in Vernacular w/chorus and tlk; EG on 4770, not //(Osterman)
- 3235T BRAZIL R Clube Marilia: Complete ID 0030 followed by musical pgm(Field 11/10)
- 3240 IRAQ R Baghdad: 1945 w/Turkish ID, mx, "Burasl Bagdat" (Wood 12/9) 1530 in Kurdish at good lvl (Wallis-AUS) 1945 GMT??-- a bit early...DR
- 3240 SWAZILAND TWR: *0300 rel pgm in vern, not // 3200 (Gordon 11/7,11)
- 3250 SOUTH AFRICA SABC: All Night Svc in AK/EG changes to Springbok Radio 0300 "Good Morning South Africa from Springbok Radio, Thursday, the 9th of Nov(Gordon)
- 3255 INDIA AIR Delhi: 1530 w/EG mx at excellent lvl (Wallis-AUS)
- 3255 VENEZUELA LV del Tigre: 2315 SP, tlks by M (Prath) 1020 w/ID(Klein) 0130 with sports (Field) Carrizal at equal lvl lately on 3260...(DR)
- 3260 INDONESIA UNID: 1500 RRI stn w/odd location sounding like "Sastri..."(Wallis)
- 3265 MOZAMBIQUE RM: 1800 w/EG Voice of Zimbabwe // 4855 and 6000(ex 6005)(Wallis)
- 3275 SWAZILAND TWR: *0300, into rel pgm; not //3200 or 3240 (Gordon 11/11)
- 3285 MALAGASY REP Tananarive: Lcl dialect // 6135 at 1500 (Wallis-AUS)
- 3289 JAVA RRI Madiun: 1500 w/ID, excellent lvl (Wallis-AUS)
- 3295 UNID African hrd daily at 1600; think it is Zambia; def not India (Wallis-AUS)
- 3295 BRAZIL UNID: 0440 w/mx pgm, tlk in PT, too weak to ID(Field 11/12)
- 3300 GUATEMALA R Cultural: TGNA 1133-1150 w/rel pgm, M ancw in SP(Johnson, Alvi 11/13) 0324-0445 EG rel pgm, Bible readings (Grant, Higgins, Clifford, Wheeler)
- 3306 RHODESIA RBC: 0324-0345 EG/Lcl Vern, organ mx, s/on ancw by M, into rock mx--much jamming (Godfrey 11/25) 0325 ID for "African Svc of RBC(Gordon)
- 3310 CHINA Changchun: 1330 CH, M&W in tlks followed by EG lessons (Godfrey 11/21)
- 3320 N. KOREA Pyongyang: 1330 KR tlk and mx by M&W //6400 (Godfrey 11/17)
- 3320 SOUTH AFRICA Radio 5: Disco mx, frequent IDs, TCs, *0300 abruptly (Gordon)
- 3325 KALIMANTAN RRI Palangkaraya: 1500 at excellent lvl (Wallis-AUS)
- 3325 ECUADOR Ondas Quevedenas: 0840 SP, lcl EC mx, vocal and instr, TC, ID(Klein) 0940 w/Ecuadorian mx, ID(Alexander 11/30) 0555 mx requests (Wood) Requests fm Santo Domingo, Loja, and other cities in Ecuador, TC 0455 (Field)
- 3325 GUATEMALA R Maya de Barillas: 1137 SP, EZ/LA vocal mx, M ancw w/list of names, ID 1148 (Johnson 11/11) 1115 SP, accordion mx, IDs as R Maya (Saylor) ID at 1204 (Field) 0330* w/full ID, ancd //2360 (Higgins 11/29)1030 mx, 1100 with ID, call signs and freqs (Hoffman 11/25)
- 3325 VENEZUELA R Monagas: 0447-0458 LA mx, TCs, IDs (Stover 12/6)
- 3332 COMOROS IS Moroni: In FR at 1700, some QRM fm believed Rwanda on 3330; yes, Moroni is on 3332 and not 3331 here (Wallis-AUS) They have always been a bit high on this freq(DR) Also, you had Maldives listed here on your rpt...Presume you meant Comoros...(DR II)
- 3335 TAIWAN Taipei: 1600 with jammer;at excellent lvl (Wallis-AUS)
- 3335 BRAZIL RC Conquista: 0010 M in PT, ID 0100(Field) 0115 ID, mx (D'Angelo 11/28)
- 3335 PAFUA NEW GUINEA R East Sepik: 1150 Pidgin, chants, ID 1200(Klein, Johnson)
- 3338 UNID African here at 1600 in language tlks; is this Mozambique or Zanzibar back replacing the never hrd 6005? (Wallis-AUS) I'd say Mozambique, but...(DR)
- * 3340 ECUADOR R Tropical: 0240 w/mx pgm, ID 0300, best ever for me(Field 11/18) 1121 ID, TC, Ad with reverb, typical Ecuadorian mx (Jones 11/22)
- 3346T ANGOLA Em Reg de Huambo: Well hrd 2200; PT ancts; stn is definitely located in Angola but no actual stn ID obtained (Wallis-AUS)
- 3350 GHANA GBC-1: 0550 in Vern, W ancw w/mx, ID //4915; QRM from Unid stn(Godfrey) EG Listener's Request, ID 0600 (Stover 11/8) TENT GABON, FRANCEVILLE: 2126 w/African style chorus, M in tlks; very poor so might have been Ghana(Osterman) Think you had GBC...(DR)
- 3355 VENEZUELA R Impacto: 2350 M with ads, F (Field)
- 3360 PAFUA NEW GUINEA R Malne Bay: Pidgin TCs, DJ, mx 1210 (Wood 11/20)

- 3360 GUATEMALA LV de Nahuala: 1125-1204 SP, IDs by M, LA mx, ID 1210 (Johnson, Saylor) 0310 LA mx, IDs (Higgins) 0426 (Blumberg) 0041 ID (Field)
- 3366 GHANA GBC: 2124-2305* w/EG and Vern tlks (Willis, Stover, Osterman) 0600 EG tlks w/IDs (Godfrey 11/25)
- 3368a UNID MALAGASY REP?: *0300 w/two definite IDs on 11/7, 11/11; pgm followed with guitar mx, singing, quick fade by 0317-0320; QRM de R Puerta La Cruz (Gordon)
- * 3375 INDIA AIR Gauhati: 1505 EG/Lang pgm, W w/ID 1513 "All India Radio-Gauhati" and into mx; ID 1534 "You're listening to AIR with the news..." (Poppin 12/2)
- 3375 ANGOLA R Nacional: PT at 2200 // 4790 (Willis-AUS) 0420 light orchestral mx, ancts by W and ID as Radio Nacional (Clark 11/16) 0441 (Osterman)
- 3380 USA UNID/PIRATE: 2045-2100 EG hrd relaying VOA's Music USA, Jazz Hour, to 2100 s/off (Blumberg 11/17) Also hrd here 11/22 on 3.899 with old tapes of the "National Broadcasting Company" Peter Lory, Prince Albert ads; abruptly off after "This is NBC, the Nat'l Broadcasting Company" ID 0827 (DR)
- 3380 MALAWI MBC: 0310 in Vern w/drumming, ID 0330 (Gordon) 0318 w/lcl mx, EG TC, TC for GMT plus 2 (Malawi time) (Clark 12/11)
- 3380 ECUADOR R Iris: 0012-0019 SP, many IDs, Ecuadorian mx (Stover 11/27)
- 3380 GUATEMALA R Chortis: 1211 SP, W in tlk, marimba mx, (Johnson 11/11)
- 3385 PAPUA NEW GUINEA Radio East New Britain: 1242 EG/Pidgin, C&W, TC (Osterman) 1210 in Pidgin, mx (Wood 11/20)
- * 3385 MALAYSIA RM Miri, Sarawak: 1305-1334 Lang, M DJ w/mx request pgm referring to personal mx, names and Sibn, surrounding areas; 1311 mention of Radio Miri as "mee-rree" (Poppin 12/2) First time I've hrd it referred to as Radio Miri..(DR)
- 3385 FR GUIANA Cayenne FR3: *0900 guitar IS, NA, ID and freqs by W and into disco mx (Jones 11/8) *0900 with the same (Klein) FR tlk and mx (Valko)
- 3390 ECUADOR R Zaracay: 1022 SP, pgm of beautiful Ecuadorian mx, ID (Klein) ID 0505 "en Santo Domingo de los Colorados...Radio Zaracay(Field)
- 3395 VENEZUELA R Universidad: 1005-1015 SP, mx ads, anmcts, IDs (Tannerwald, Klein, Kashinabara) 0125-0240 IDs and LA mx (Jones, Saylor, Field)
- * 3395T SUMATRA RRI Tanjung Karang: 1335 IN, M&W w/tlks (for sure in Indo but very poor signal) (Godfrey 12/7)
- 3396 RHODESIA RBC: 0356 opening religious sermon, mx, ID, TC, chime and into mx is not // 3306 which is the African Svc (Gordon) 1600-2200 at fairly good lvl (Willis-AUS) I've heard from one listener who says he has heard RBC at 2300 on 3396...I suggest this is most unlikely..(DR)
- * 3427 IRIAN JAYA RRI Manokwari: 1356-1401* IN, American pop mx, M ancr, very hard to hear due to low modulation; s/off anmcts, Love Ambon at 1358 and c/off 1401 (Godfrey 11/11) Nice....(DR)
- * 3800T JAVA RKPDT2 Jember: 1423 IN, M&W w/tlks; two IDs hrd did not mention Jember, only RKPDT2 with many mentions of Ujung Pandang...maybe Mr. Willis can help me here?? (Godfrey 11/17) How about it Mike, does RKPDT2 relay fm Ujung Pandang at all... listed as relaying fm Surabaya at 1400 in an old TBS...(DR)
- 3910 JAPAN FEN: 1228 EG, M DJ, ID 1231 (Johnson 11/11)
- 3925 JAPAN NSB: 1015 JP, rock/pop mx, commercials, M DJ, (Johnson) 0900 EG lessons w/Holly Burns, students fm Tokyo called in and spoke on the air (Clifford 12/2) 1233 JP tlk (Alexander)
- 3930 KOREA (S) KBC HS-1: 1235 KR, EZ mx (Johnson 11/11)
- 3945T NEW HEBRIDES R Vila: 1033 w/bits of mx and tlk by M (Valko 11/25) 1033 seems a bit late for Vila regardless of their later s/off time....DR
- 3970 CHINA Huhehot HS-1: 1025 CH, W in tlk, severe ARO QRM (Johnson 12/2)
- 3985 SWITZERLAND SEC: 0704 w/world mx, then tlk abt Xmas cookies (Earhart 12/2)
- 4015 INDONESIA UNID: Hrd daily here, I think, mx being my guide...think it may be located in Sumatra; good lvl too at 1500 (Willis-AUS)
- 4020 CHINA RP: 1243 in KR, W ancr, instrumental mx, F/G (Johnson 11/11) 1156 W ancr, and CH mx (wind instruments and vocalist) ID, anthem 1200, then tlk (Alvi 11/13)
- * 4030 ASIATIC SSR Anadyr: 0514-0518 in RS, W w/ID "Govorit Anadyr" followed by W in comment re Soviet Revolution, Lenin, Komsomols, etc.; 0515 band mx, M in comment re Soviet authority, Communism to 1518 (Poppin 11/25) Nice George...(DR)
- 4040 ASIATIC SSR Vladivostok: 1250 RS, vocal and easy mx, M ancr, IS, time pips at 1300, ID, Good lvl with QRM (Johnson 11/11) 1204 RS tlks (Alvi 11/13)
- 4045 CHINA Fuzhou FFS-1: 1302 CH, M ancr w/CH opera mx (Johnson 11/11)
- * 4055 USSR Kalinin: 0444-0500 in RS w/pop vocals by W, ballads and anmcts //4860; extremely strong lvl on both freqs (Barto 12/11)
- 4071 UNID 0424-0440 in RS (Barto 12/11)
- 4080 MONGOLIA RUB: No longer here and hasn't been for a few months now. The Indo, Blitar, is on 4085 at the moment. RUB HS is not on 5054 either (1100-1500 time period) (Willis-AUS)
- 4109 N. KOREA V Rev Party: 1404-1420 EG, W in comment re Korean people, referred to R Pyongyang rpt re Korean production of grain...U.S. imperialists arming So. Korea; "We are listening to the V of the Rev Party for Reunification (Poppin 11/20)

- 4109 N. KOREA V of Rev Party (cont'd): 1300 in KR; this is the loud one here, with China the weak one underneath (Willis-AUS) 1110-1120 in KR (Alexander 11/26) 1305 with the same (Johnson 11/11)
- 4238 INDONESIA UNID: 1500 here at fairly good lvl on good days (Willis-AUS)
- 4330 CHINA Fuzhou FFS-1: 1308 CH, opera mx, Good with some QRM (Johnson)
- 4380 CHINA Fuzhou FFS-2: 1310 CH, mx, F/G (Johnson 11/11)
- 4465 INDONESIA UNID: Here till 1520*, good lvl, sometimes under utes (Willis-AUS)
- 4485 ASIATIC SSR Petropavlovsk: 1314 RS, M anor with RS mx, G (Johnson 11/11)
- 4553 N. KOREA VGRP: 1318 in KR, W in tlk, weak lvl (Johnson 11/11)
- 4610 ASIATIC SSR Khabarovsk: 1323 M in comment, biography of composer Ilya Ivanich, 1324 guitar rock (Poppin 11/30) 1323 RS, M anor w/RS vocal mx (Johnson)
- 4635 TADZHIK SSR Dushanbe: RS light mx (Wood 12/9)
- 4680 ECUADOR R Mac Espjo: 0300-0500 usual mix of LA mx, IDs and TCs (Lobdell, O'Riordan, Klein, Earhart, Cucura) LA mx, echo ID 0545 suddenly off (Johnson)
- 4719 SULAWESI RRI Ujung Pandang: IN ID, warta berita (mx) 1200 (Wood 11/20) 1155-1206 IN w/tlks by W and ID, mx 1200; this time they were // 4753 (Barto) 1015 IN 1cl mx and tlks (Alexander 11/26) 1328 C&W mx, ID 1330 (Johnson 11/11) 1250 IN tlk and time pips at 1300 (D'Angelo 11/24)
- 4722 UNID 1115-1130 in what sounded like VN tlks by W (Barto 12/12)
- 4724 BURMA RBS: 1145-1159 in lang (Burmese) w/vocals by W, stringed instrumental mx, ID 1159 (Barto) 1228 M in song w/guitar-like instrument (Osterman) 1440 w/ several mentions of Burma (Kashiwbara 11/19) 1425 unusually clear audio w/tlk and mx (Poppin 11/20)
- 4753a CELEBES RRI Ujung Pandang: 1423-1500 IN, W DJ w/1cl rock mx and vocals; 1458 "Daree Ujung Pandang....Radio Republik Indonesia Ujung Pandang...berita Jakarta" followed by 1500 M with mx relay via Jakarta (Poppin 11/20) 1333 (Johnson)
- 4753 MALDIVES RM: Still here at 1500-1730 in EG after Ujung Pandang goes (Willis)
- 4755 CELEBES RRI Ujung Pandang: IN //4718 (Wood 11/20) Sure this freq, not 4753 IR
- 4755 BRAZIL UNID: 0200 PT M taking calls, EG pop and MOR mx, good lvl but hard to ID (Lobdell 12/6)
- 4755 BRAZIL R dif Maranhao: 0900 PT, early morning farm pgm w/tlk, barn-yard special effects of pigs and chickens (Hoffman 11/24)
- 4755 COLOMBIA Em Nuevo Mundo: 0700-0714 SP, IDs, LA mx (Cucura) 0307 (Yacono) 0528 M anor w/tlk, ads (Johnson)
- * 4757 LAOS Luang Prabang: // 7000 at 1400, good lvl (Willis-AUS)
- 4759 CHINA Yunnan: So. Chinese lang, tlks mentioned Yunnan 1135 (Wood 11/15)
- 4764 SUMATRA RRI Medan: 1515-1538 IN, M in mx relay Jakarta; short band mx, followed by chorus with slower rendition of NA; 1520 M repeats berita Jakarta; 1521 M ID "Radio Indonesia-Medan" followed by further mx (Poppin 11/20) 1155-1207 with ID, mx, island mx, (Barto) Greetings to Saudara-saudara 1153 (Wood 11/21)
- 4765 BRAZIL R Rural de Santarem: Fair signal back on this freq, noted w/ID 0900 (Berg 12/5)
- 4765 BRAZIL UNID: From 2115 w/sports; other Brazilians fading in (Field 12/3)
- 4770 VIETNAM Son La: 1200 to 1430 // 6328 (Willis-AUS)
- 4770 VENEZUELA R Bolivar: 0000-0330 vocal and LA mx, ads, IDs and Xmas mx (Jordan, Kashiwbara, Yacono, Poppin, Brouillette)
- 4770 LIBERIA ELWA: *0600 IS, ID, into rel pgm, EG tlk (Saylor, Stover, Cucura, Klein) 2200 EG, rel pgm, VOA mx relay 2210, 2215 drums (Gordon, Osterman)
- * 4775 INDIA AIR Gauhati: 1213-1216* in language w/Indian subcontinental mx, very good level (Barto) 1155 with subcont mx, W in tlk (Osterman) Hindi tlk, Indian film mx 1200 (Wood 11/20)
- * 4775 AFGHANISTAN RA: *1300 at good lvl, EG at 1400 (Willis-AUS) TENT 1302 w/M in tlk (Osterman 12/6)
- 4775 BRAZIL R Cult Sergipe: 0930 PT, upbeat Brazilian mx, coke ads, short amts, many IDs (Hoffman 11/19)
- 4777 GABON LVR: 2225 ID as Radiodiffusion Television Gabonaise, FR tlk (Gordon) 0505 FR tlk by M, African folk mx (Godfrey) *1630 (Willis-AUS)
- 4780 KARELO-FINNISH SSR Petrozavodsk: 0400-0421 RS w/ID, mx by M&W, followed by some sort of commentary. Strong lvl for RS this nite; same pgm was hrd on 4795 at a much weaker lvl...Ulan Ude??? (Barto 12/11) Soviet anthem 2100 to 2102* //5065 (Wood 12/10)
- 4780 VENEZUELA LV de Carabobo: 0945 1cl mx, ID (Alexander) 0327 (Kashiwbara)
- 4781 HONDURAS R Juticalpa: 1137-1200 w/mxy vocals by M&W groups, strong sigs this AM (Barto) *1035 w/call, fogs (MM, FM, and SW as 4780), into pgm of ranchera type mx, lots of ads (Berg) 1130 SP, ads, many TCs (Klein) 1108 (Valke) 1055 (Prath)
- 4785 TANZANIA RT: 1945 w/1cl mx, 2000 ID "Hi ni R Tanzania, Dar es Salaam", into habari (mx), excellent day for E. Africa (Wood 12/9) 1500 (Willis-AUS)
- 4785 CHINA Zhejiang: CH political tlks 1205 (Wood)
- 4785 COLOMBIA Ecos del Comelima: 0812 in SP tlk, IDs, SUPER IDs (Saylor) 1000 w/ID and LA mx (Klein) 0517 w/LA mx, ads (Johnson 11/18) 0620 (Fowler) 0530 w/ballads (O'Riordan) 0335 LA mx and ads (Yacono)

- 4787 DCM REP R Norte: Good lvl with ID 0915, LA mx; open carriers on 4785 and 4790 at this hour (Berg 12/5) 0231 SP M taking phone calls from San Francisco de Macoris; reactivated 12/8) (Lobdell)
- 4789 IRIAN JAYA RRI Fak Fak: 1156-1204 f/o in IN w/soft island instrumental mx, clear ID and possible mx after 1200 (Barto)
- 4790 PERU R Atlantida: 0935 SP, fast mx, clear ID 0940 (Klein 11/18)
- 4797 BRASIL Still checking the Brazilian that signs on at 0728; may be Tabajara, not Aquidauana, but it's so weak it's about impossible to tell (Berg 11/12)
- 4800 Cf IR-A 4 Dec: Re rpt of a weak SP stn on 4800 before Ecuador s/on, believe it is the 8th harmonic of CMKV-600; hrd 12/2 with mx to 0930 (Berg) Nice going Nick Pappas for IDing this one from the start...(DR)
- 4800 ECUADOR R Popular Independiente: 0440 SP, Andes mx, IDs for R Popular de Cuenca (Hoffman)
- 4800 CHINA Peking HS-1: 1345 CH opera mx (Johnson 11/11)
- 4800 LESOTHO RL: Hrd well in Sesotho and some EG around 1700 over India at this stage (Wallis-AUS)
- 4805 BRASIL Rdf Amazonas: 0150 PT, IDs, much tlk by M (Saylor 11/25)
- 4807 SAO TOME E PRINCIPE R Nac: Complete ID 2201 followed by mx, also at 2209, "Radio Nacional...ondas media...4807 ondas curtas..."(Field) 0541(McVicar)
- * 4810 ARMENIAN SSR Yerevan: 0400-0413 in RS w/ID, rx and folk instrumental mx //4990 which was much weaker (Barto 12/8) Relay Moscow, mx, rx (Wood) 0400..IR 0409 RS, M&W in cmtry, light mx way over SABC; first time hrd this foy and excellent signal (Krueger 12/6)
- 4810 SOUTH AFRICA SABC: Springbok Radio/All Night Svc of SABC fm 2200-0430 with usual TCs, IDs, cigarette ads, pop mx (Stover, Schmidt, Wheeler, Saylor, Poppin, Gordon, Klein, Prath, Cook, Brown)
- 4810 ECUADOR LV Galapagos: 0141 on 11/13 w/IDs, slow mx (Kashiwabara)
- 4815 UNTD KR political tlks at 1135; new Pyongyang freq?(Wood 11/14)
- 4815 UPPER VOLTA RTV: Basically FR pgm, some vernacular, mx, rx in FR 2215 following "Tel Ouagadougou, Radiodiffusion Television Voltaique..." ID(Bordon 11/9)
- 4815 COLOMBIA R Guatapurí: 0100-0405 LA mx, lottery results (Tannenwald, Klein) 0950-1050 LA mx, IDs and armts, barnyard sounds (Prath Alexander)
- 4816 MOZAMBIQUE RM: PT service, often but not always //4865, quite good (Wallis)
- 4820MF USSR RM: HS hrd here 2200, no sign of Angola at any time during the past month, though other outlets noted (Wallis-AUS)
- 4820 HONDURAS HRVC: 0100-0428*v usual religious pgms in EG/SP, IDs; also 1100 w/SP ID (9 reporters)
- 4820 ECUADOR R Paz y Bien: 0936 ID, TC, "Musica Ecuatoriana..." (Jones 11/8)
- 4825 ASIATIC SSR Vladivostok: 1347 KR, W in tlk (Johnson 11/11) 2145 CH tlks (Wood 11/11)
- 4825 GUATEMALA R Mam: 0245-0305* SP, marimba mx, tlk and choral mx, ID, s/off armts (Alexander 11/26) 0230 lovely marimba mx under UTE (Klein 11/22)
- 4825 MALI Bamako: Rdf Nationale: 0648 in lang w/African/tribal vocals(Johnson)
- 4825 BRASIL R Educadora Braganca: Suprisingly good at 0850 with quick ID and into vocals; never hrd this well before(Berg 11/12)
- 4830T THAILAND RT: 1514-1521 string mx w/high voiced M&W in comment (Poppin 11/23)
- 4830 GABON Franceville: 1600-2200, pretty sure it is this; FR and on the whole a good signal but it will not ID; (Wallis-AUS) Noted here on 4830 some weeks ago with fair to good signals...DR
- 4832 COSTA RICA R ReLoj: 0400-1100 w/accordion mx, IDs with echo chamber, TCs and the like (Poppin, Prath, Jordan, Earhart, White, Saylor, Johnson)
- 4835 SOUTH AFRICA SABC: BG tennis cmtry 2045 (Wood 12/8)
- 4835 BRASIL Rdf Roraima: 0910 PT, mx and anmts in PT, ID, TC (Klein 11/23) 0005 with mx and anmts (Field--no ID hrd but Roraima previously ID'd here)
- 4835 SARAWAK RM Kuching: 1220 in lang, 1cl1 mx, tlk by M (Alexander 12/3) 1557 with "Inilah RM Kuching; 1558-1559 band w/NA, c/off 1600 (Poppin 11/20)
- 4835 GUATEMALA R Tezulutlan: 1200-1215* w/some very beautiful instrumental Indian mx; this is a real pleasure to listen to (Barto 12/6) 0100 pgm of nice marimba instrumentals w/ID 0104 (Klein 11/11)
- 4840 CHINA PLA: CH traditional opera 1205 (Wood 11/20)
- 4840 VENEZUELA R Valera: 0240 SP, live pgm, crowd sounds--soccer?(Prath 11/16) 0301 echo IDs by M (Kashiwabara)
- 4843T CONGO Pt Noire: 0538-0550 w/African mx, Man in tlk at 0540, then more mx; too weak for any good detail (McVicar 11/8)
- 4845 MOLUCCAS RRI Ambon: 1221-1236 in IN, 1cl1 folk mx, rx and ID 1229(Barto 11/11)
- 4845 MALAYSIA RM Kuala Lumpur: 1530 W ID "Inilah Radio Malaysia, Kuala Lumpur" followed by band mx and NA to 1531 c/off (Poppin 11/23)
- 4845 BOTSWANA RB: *0352 w/IS, ID, and into Setswana mx(Krueger 12/6) 0335 w/cowbells and other things for 25 minutes, NA 0359 (Clark) *0358 "This is Radio Botswana broadcasting from Gaborone" (Higgins 11/11)

- 4845 MAURITANIA Nouakchott: 0610-0740 AR, chants, TC and ID, stringed mx(Jordan, Johnson, Cucura, Klein) 2145-2250 w/Islamic pgm, ID 2245 and then nx(Gordon)
- 4850T UZBEKISTAN SSR Tashkent: Uzbek mx at 1207 (Wood 11/20)
- 4850 CAMEROON Yaounde: 2200 ID "Radio Cameroun, poste nationale..." and into nx in FR(Gordon) 0530 EG request show w/DJ (Clark) 0735 w/chants (Klein) 0507 EG nx by M, ID 0516, into pop mx pgm, booming signal (O'Donnell 11/8)
- 4850 VENEZUELA R Capital: 0100-0430 SP, LA pops, ads, IDs(Hoffman, Johnson, Field, Kashiwabara, Tannenwald) 1030 w/LA mx and IDs (Klein)
- 4850 SURINAM SRS: *0828 into Asian pgm(Hindi) (Jones 11/20) 0456-0500* instrumental jazz selection, M&W w/SRS ID and DT tlk mixing with Capital; NA and c/off(Klein) 0300 Xmas mx and US pop(Grant) 0235 DT tlk(McCants)0305 on Saturday Night(Valko)
- 4852 UNID SP stn netting Capital fm arnd 1030, hard to copy because of Capital 4850-maybe Luz y Vida recently rptd on 4850 (Berg)
- 4855 BRAZIL RC Para: 0350 "Radio Clube(cloobeh) do Para" ID (Poppin)0837 Pt IDs and mx(Cucura)0850 PT ads and ID (Klein)0325 IDs, mentions of Brazil(Valko) 0858 Pt, Brazilian EZ vocal mx, M DJ, P/F with QRM fm Indonesia(Johnson) I should have QRM like that--assume you mean QRM fm Palembang??? I'll take QRM from Palembang anytime!...DR
- 4855 MOZAMBIQUE RM: V of Zimbabwe pgm (120kW) EG at 1800 (Willis-AUS)
- 4860 USSR RM: EG 2213--anyone ever pin down what and where this is?(Berg) 2200 EG World Service, list fogs including many MW fogs for Europe(Wood) Kalinin?...DR
- 4860 VENEZUELA R Maracaibo: 0501-0603 SP, IDs, TCs, etc(Cucura, Klein) Valko rpts Chinchaycocha here 0422-0500* LA mx, ID 0453 w/M ancr (Valko 11/10)
- 4865 BRUNEI Berakas: 1408 Malay/EG Men w/tlk, hrd //7215(latter better). M translating tlk by other M fm EG to Malay (Godfrey) 1231-1240 in Malay w/ID and what sounded like mx (Barto 11/11)
- 4865 CHINA Lanzhou: EG/CH 1339-1347 language lessons "story of....born Dec. 13, 1939...after the liberation he joined the army...later he joined the...became member of CP of China.." to 1347(Poppin 11/30) And later he became Peking rep for IBM, XEROX, and Boeing....DR
- 4870 ECUADOR R Rio Amazonas: 0505 Indian, non-stop Andean mx, tlk and ads by M, hot w/LV del Cinaruco on 4865 (Hoffman 11/11)
- 4875 BOLIVIA La Cruz del Sur: 0020 SP, sports, ads, in only briefly before Radio Super obliterated it (Clark)
- 4875 COLOMBIA R Super: 0408 SP with "Radio Super, desde la hermosa ciudad de Medellin" call letters afterward; LV del Norte is a separate stn, which seems to operate irregularly, as they interfere w/Radio Super whenever they are on (McVicar) 0530 Medellin ID and ads(Clark) 0459(Johnson) 0543(Poppin) LV del Norte w/complete ID 0031, another stn hrd on same fgy but weaker--R Super(Field) 1110 (Klein)
- 4875 IRILAN JAYA RRI Sorong: 1130 ID "Saudara-saudara, inilah RRI Sorong"(Wood 11/27) 1223-1230 IN, instr mx, ID at :30, tlk by M (Barto 11/11)
- 4880 SOUTH AFRICA SABC: African mx 2100 (Wood 12/9)
- 4883 UNID *1200-1211 anthem, in language w/w ancr (Barto 11/19)
- 4885 COLOMBIA Ondas del Meta: 0445 w/Latin pops, ID/TC(Pappas,Higgins)0347 LA mx (Kashiwabara) 0456 chimes and ID 0458 (Johnson 11/18)
- 4890 PAPUA NEW GUINEA NBC: Baby powder ads w/EG tlk, wx, mx(9 rpters)
- 4890 SENEGAL RS: 0703-0725 FR, ID and M w/nx and tlk(Cucura)

That's all we have for this month...One last tip--La Voz de Saquisilí on 4900 in the morning hours around 1100 when Juventud is off the air. Things to beware of in recent reports: Any station other than Radio Loreto on 5050; carriers on 2370 that seem to go off at 0130-0142*; assuming you've heard Station B when what you've really heard is Station B or its QTH mentioned over Station A; reporting reception of a 250 watt Bolivian (or any other) station on the same frequency as a known 50 kW powerhouse--again, words are often misleading and may sound like station IDs! Finally, some tips on reporting taken from the Nov. '74 IR-A, Bob Hall Editor: REPORT SELECTIVELY-IR is supposed to be a DX roundup, not a complete band survey. Try to send only your best catches. If there are 20 items in your log and 15 of them are common, then send in only the 5 others. DON'T OVER-ABBREVIATE-If in doubt, spell it out. It's the editor's job to abbreviate. MAKE EACH ITEM COMPLETE-Last name after each item, include time, dates for unusual catches. Give details, especially for LA stns. "SP, LA mx" describes almost every stn south of the border! And two others from DR--typed reports are always appreciated, as are interesting logs with stimulating details.

MY BEST WISHES FOR GOOD DX IN 1979!!!

DAN ROBINSON

log report

section

4900-6199

B

STEVEN WISEBLOOD

- 4900 VENEZUELA R. Juventud: 0146-0308 Rock mx, SP anmts, ID (Higgins, Cucura, D.W. Johnson)
- 4904.5 CHAD RMT: 0500-0533 nx by M in FR, FR cmtry, ID (Goss, Cucura, Alvi, D.W. Johnson).
- 4905 CHINA RP-1: 1353 CH mx w/M vocalist. Vy. Strong! (Wisewood)
- 4910 ECUADOR Em. Gran Colombia: 0535-0547 SP ID's & Ecuadorian mx (Cucura 11/10)
- 4910.7 ZAMBIA RZ: *0345-0432 Eagle cry IS, NA, anmts by M in Vernaculars, ID's & TC's in EG, Afro folk & pop mx. Excellent w/het to 4910. (Wisewood 12/23). Possibly the best African on the band at 1600 w/EG local nx (Willis-AUSTRALIA).
- 4915 KENYA RK: 2100 nx by M in SW, hymns. Way o/Ghana on this remarkable day! (Wood-NH 12/9)
- 4915 CHINA Nanning: 1200-1559* CH tlk by M&W in CH, Operatic & Revolutionary mx, relays CH nx from the Peking domestic service @ 1200. EG lesson 1345-1400. The International sung by a large chorus at 1559* (Wisewood, Poppin, Valko, Alexander, D.W. Johnson).
- 4915 GHANA GBC: 2200 EG nx, these Ghanaian outlets are not that easy here in W. Australia! (Willis). 2254 EG church hymns by chorus. Tlk by M in Vern. (Alvi). 0550-0605+ Afro tribal chanting, into drum IS and nx in EG by accented M & W (5 reporters).
- 4915 BRAZIL R. Nacional da Macapa: Echo ID's by M, TC and freqs by M in PT 0227(Higgins).
- 4920 AUSTRALIA ABC-1-Brisbane: 0730-1350 U.S. pop mx, EG anmts by M, lel nx, sports, wx, cmtry, ID & TC's, Semi-classical & vocal pop mx (7 reporters).
- 4920 ASIATIC SSR Yakutsk: 1442-1600+ Orchestral classical mx, Mayak nx & IS, W in RS announcing "the latest nx bulletins". Tlk by M & W in RS (Poppin-CA, Wisewood-CA).
- 4920 UKRAINE SSR Starobelsk: 2115-2150 RS nx & mx, Mayak IS 2130 (Krueger 11/12).
- 4920 ECUADOR R. Quito: 0355-0505* LA mx, "R. Quito" ID's by M, no NA (Poppin, Hoffman-PA)
- 4920 HONDURAS R. Progreso: 0140-0500* Classical mx, ID's, NA (Cucura, Hoffman-PA).
- 4925 CHINA Haerbin: 0825 CH instrumental mx, M in CH w/ID. 1406 CH choral mx (D.W. Johnson).
- 4930 TURKMEN SSR/GEORGIAN SSR Ashkhabad/Tbilisi: 0159, Mayak Chimes, ID, TC & tlk in RS, lite mx, RS folk mx, heard to 0434+. Its quite difficult to tell which is Tbilisi & which is Ashkhabad since both are Mayak! (Barto, Krueger, Alexander, Petravick).
- 4932 NIGERIA Benin City: Drum mx & ID 0630 (Alleman 11/23 via TEXN-101)
- 4934 KENYA VOK: 0330-0355 Opening EG ID by M, SH tlk by M&W, Flute IS, folk mx w/M vocals accompanied by the guitar. EG nx following an ID at 0400, (Saylor, Osterman). 1520 Excellent signals daily w/anthem, then anmts in local lang (Willis-AUSTRALIA)
- 4935 PERU R. Tropical: *1027 w/anthem, ID in SP 1030, heard most mornings. Weak (Berg).
- 4940 VENEZUELA R. Yaracuy: 0250-0315 rhythmic LA mx. SP anmts & ID's (Greenes, Higgins).
- 4940 KIRGHIZ SSR R. Frunze: *0415-0440 lite jazz & folk mx, RS drama pgm, M & W in RS, semi-classical piano mx, Chime IS 0415--Frunze (Krueger, Petravick, Barto-CH).
- 4940 IVORY COAST RTVI: 2148-0000* FR tlk, ID & tribal mx, NA at s/off (Stover, Godfrey, Clark). *0600-0629 FR pop & rock mx, IS, clock chimes & NA at s/on. FR nx, this is //7215, 11920 (Vladimir Cucura, Bryan, D.W. Johnson, Yashwabara-CA).
- 4940 CHINA Xining: CH tlk by a W @ 1345; M & W in CH w/nx 1502. o/Yakutsk (Wisewood 12/20)
- 4940 ASIATIC SSR Yakutsk: 1606 lite EZ listening mx, occasional RS anmts (Wisewood 11/23).
- 4943.8 VIETNAM Hanoi: 1155-1545+ VT tlk by M&W, cmtry, nx, local mx (Alexander, Poppin). 2235 W in VT narrating play w/ mx and tlk (Whitaker 11/12 via TEXN-101). Good LP!-sw
- 4945 COLOMBIA R. Colosal: 2225-0750 fast LA mx & ID's "R. Colosal-Rumba Colosal" (5 rep'trs)
- 4950 SARAWAK RM-Kuching: 1408-1600* EG mx, IP. Asian nx, lite pop mx (Poppin, Bryan, Johnson)
- 4951.9 MONGOLIA RUB: 1337 dramatic pgm w/2 men in Mongol., strange singing. Good w/very little QRM from Sarawak which has CH at this time. Heard on the RF-2200! (Wisewood).
- 4958t AZERBAIJAN SSR R. Baku: 0426-0431 in lang., oriental type vocals by M, into anmts by a W, TC for 0430. Haven't seen this reported too often! (Barto 12/11). PB, Sam -3cW
- 4960 VENEZUELA R. Sucre: 0155-0237 LA pop mx & ID. SP nx @ 0237 (Powler 11/6). 0630-0634+ On late w/network election results w/M in SP. Excellent (Hoffman-PA 12/4).
- 4965 HONDURAS R. Landia: *1108-1204 f/out Pill ID's, Ranchera mx, barnyard sounds, ID is "Desde Camayagua... Radio Landia", M in SF w/freqs (Field, Berg, Jones-MS).
- 4965 COLOMBIA R. Sta Fe: 0616-0618 ID's, fast LA mx & vocal mx. Good w/some static & moderate fades (Whitaker). Thanks for the report, Elisabeth. -scW +6 other report's
- 4970 VENEZUELA R. Rumbos: 2220-0640+ LA mx, SP nx, ads, ID's & tlk (5 reporters).
- 4965 PERU R. Sicuani: 0337-0400 Huaynos, mix w/Sta Fe. Heard tonite only (Richscherer 11/17)
- 4975 USSR Blagoveshchensk: (from the root word meaning annunciation; 1403-1416 Mayak w/M & W in RS quoting from Ivan Turgenev "big eyes...they call me Pamola" (Poppin-CA).
- 4980 ECUADOR Ondas Azuayans: 0358-0404 SP tlk w/ID & mention of Cuenca, vocals (Barto 12/8)
- 4980 VENEZUELA Ecos del Torbes: 0240-0355 many ads, exited SP tlk by M (Greenes, Higgins).
- 4980 GHANA GBC: 2155 EG ID, nx on the hour (Hayes). Drifting downward to 4979 -scW
- 4985 BRAZIL R. Brasil Central: 0613-0835 EZ vocal mx, PT tlk, echo ID's, ,any ads, TC's, pop mx. Good to Very Good most nites (Poppin-CA, Cucura, Saylor, D.W. Johnson).

- 4990 VENEZUELA R. Barquisimeto: 2358-0358* IA mx, ads, reverb ID, NA(Stover, Higgins).
0435-0600* LA mx until ID & NA (Earhart-PA)
- 4990 CHINA Changsha: 1417 CH opera mx (D.W.Johnson) noted Excellent here at 1500 -sCw
- 4990 NIGERIA Lagos-NBC: 2030 promo for "Myths & Magic" following EG religious pgm
(Greenes). 0505-0523 ID & EG nx to 0515, then tlk in local language. Afro mx(Cucura).
*630 Excellent! This is a remarkably early fade in! I thought this was South Africa,
but turns out to be this (Willis-AUSTRALIA) -programming info? -sCw
- 4995 PERU R. Andina: 1005 usual mx heard on this stn. Weak and improving (Field).
- 4995 UNID 1400 M in RS "Govorit". Nothing listed here, save Vietnam (Sparks-TDXN-101)
- 5000 GREAT BRITAIN MSF: 0659²-0720 CW ID's twice 10&20 minutes after hour (Klein,Saylor).
- 5000 ITALY IBF: 0700 ID's in IT, FR & EG by W, CW ID's, Good. 5Kw (Saylor, Klein).
- 5005 SARAWAK Sib: 1223 M&W in lang w/tlk, local mx & children singing (Osterman 11/19).
- 5005 NEPAL RN: 1600-1605 M in lang w/chanting, Good clear signal! (Wiseblood 12/24).
- 5010 SINGAPORE R.S.:1420-1610+ EG pop mx, mx & cmtry. QRM from CHINA (D.W.Johnson).
- 5010 PERU R. Eco: 0528 SP nx w/frequent brief mx, ID w/calls @ 0528. ID @ 1049 (Field).
1000 rustic Peruvian mx, TC's 5 minutes fast between songs, SP talk (Berg).
- 5010 COLOMBIA R. Surcolombiana: 0205 M in SP w/talk, reference to Bogota (Field). 1000
LA mx, SP talk and ID's, "Caracol" nmnts (Alexander 11/30).
- 5010 CAMEROON R. Garoua: 0456-0616 Afro vocal & tribal mx, chants, FR tlk, EG & FR nx
0503-0516 & 0603-0616 (Cucura, Stover, Saylor, D.W.Johnson, Klein). 2117 ID by W
(Rippel). 1710 FR talk at a goodish level (Willis-AUS).
- 5015t BRAZIL R. Cult de Cuaiaba: 0745 PT talk. Very Poor (Alvi 11/25).
- 5015 EUROPEAN SSR Arkhangelsk: 0530-0540 RS talk, ID by W, cmtry by M&W (Barto 12/11).
- 5015 ASIATIC SSR Vladivostok: 1225-1500*,*1600-1730+ EZ mx, RS talk (Alexander, Johnson)
- 5020 COLOMBIA Ecos del Attrato: 0330-0400* LA mx, SP nmnts & ID's, TC's, "Todelar" network
chimes, NA at s/off (Higgins, Fowler, Osterman). (Petravick,Osterman, Saylor/
NIGER ORTN: 0528-0615 Flute IS, ID, FR tlk, Afro chants & drum mx(Valko,Klein,/
5025 BRAZIL R. Borborema: 0430 PT talk & ID by M, slow instrumental mx (Osterman).
- 5026 UGANDA RU: 1945 Political talk in an Afro lang--not Swahili (Wood 12/9).
- 5030 VENEZUELA R. Reloj Continente: 0230-0359 SP talk, ads, ID's, LA mx (Saylor, Higgins,
O'Riordan). *0900 SP opening nmnts by M & N. (Klein-FL).
- 5030.4 SARAWAK RM-Kuching: 1427-1500* Comedy pgm w/live audience, ID, NA(Poppin, D.W.John'n
- 5038 CENTRAL AF. EMPIRE: R. Bangui: 2148 drama pgm, solo by M in AR 2155. Poor (Field).
- 5075 USSR Alma-Ata: RM CH talks 2155 (Wood 12/8). 1150 KZ talk (Wood 11/21).
- 5040a SUDAN R. Omdurman: 2100 Non-stop ME mx til 2120 political speech. ID (Hoffman-PA).
- 5040 GEORGIAN SSR Tbilisi: RU nx 2050, s/off 2100 (Wood-NH 12/8). 0400-0417 RS nx by M&W,
Instrumental piano mx and some RS folk mx (Baryo 12/10). 1419-1433 Mayak pgm w/M & W
in RS talking about Ivan Turgenyev's biography. This freq usually muffled (Poppin-CA).
- 5040 COLOMBIA R. Cinco: 0630-0820 ID's and freq., LA mx "Caracol" ID's(Klein, Poppin-CA).
- 5040 VENEZUELA R. Maturin: 0208-0340 TC & ID's. SP nmnts, LA mx (Valko, Higgins).
- 5045 BOLIVIA R. Altiplano: 0432 mx pgm "en R. Altiplano, TC (Field 11/12).
- 5045 COOK ISLANDS RCI: 0626 M in Maori, possible ID, Island vocals. Poor(D.W.Johnson11/29)
1030-1325 Rock mx, C&W mx, island vocal mx, EG nmnts & ID as "Radio Cook Islands",
TC's, announcer has Aussie accent. Het de Yogyakarta(Berg, Field, Osterman). Welldone
- 5045 BRAZIL R. Cult do Para: 2150-0222 Fast PT pop mx, ID and nmnts by M in PT, brief
interval of Hawaii 5-0 mx, IS? (Greenes, Klein, Valko, Berg). 0920 ID, LA mx(Klein).
- 5046 INDONESIA Yogyakarta: 1235 M in EG, light classics (Wood 11/25).
- 5047 TOGO RT: 2230 Afro mx, FR nmnts (Rippel). *0525-0630 6-note IS, vocal anthem, ID by
M at 0530, Afro mx & tribal mx, FR talk (D.W.Johnson, Cucura, Saylor, Goss).
- 5050 PERU R. Loreto: 0512 Musical pgm w/frequent TC's to 0650*. Poor w/ID (Field).(J'en/
5052 SINGAPORE RS: //5010, 1438-1630* EG nmnts by W, Hawaiian type mx(Poppin,Bryan,/
5055 BRAZIL An UNID stn here w/sports from 2220 til 2240 when TIFC became audible(Field).
- 5055 BRAZIL R. Guanabara: 2318 PT ID by M, Vocals and some local mx (Rippel 11/15).
- 5055 COSTA RICA Faro del Caribe: 0105-0400* EG religious pgms after 0300 (12 reporters).
1110 ID by W in SP, into talk by M, then religious type mx. Excellent (Klein).
- 5057 ALBANIA 0406-0536 "Ju Flet Turana" ID, AL tlk & classical-gypsy mx. ID at 0500,
in the clear after the Costa Rican goes off @ 0400(Krueger, Valko, Saylor).
- 5061 PAKISTAN PBC Islamabad: 1436-1445 Cmtry by W in lang ID's @ 1443, slow vibrating
mx to 1501, then M il lang w/talk. Nx 1509+ (Poppin 12/1).
- 5061 ECUADOR Sistema de Emis Progreso: 0055-0215 Long SP tlk by W, Andean mx, frequent
mentions of Quito. World nx 0100+. (Valko, Kashiwabara-CA, Delap).
- 5068 UNID AR soap opera booming in @ 2100, abruptly off (Wood 12/9).
- 5075 CHINA RP-2: 1443 CH opera mx. Good (D.W. Johnson 11/11).
- 5075 COLOMBIA R. Sutatenza: 2316 SP talk, LA mx & ID, freqs. by M 2330 (Fowler).(Johnsn/
5095 COLOMBIA R. Sutatenza: 0120-0330 SP talk by 2 people, IS, ads(Whitaker,Jordan,/
5155 CHINA RP: 1510-1531 M & W in RS w/cmtry about the Arab situation. Exc. (Poppin).
- 5163 CHINA RP2: 1454 Good sigs w/CH vocal mx (D.W. Johnson 11/11).
- 5170 CHINA FFB2: 1130-1455 CH talk & mx. Good (Alexander, D.W. Johnson).
- 5225 NEW ZEALAND RNZ: 1440-1447 Zylaphone chime followed by "Test Xmsn"ID(Poppin-CA).
- 5240 CHINA FFB5: 1110 CH local mx, M in CH w/tlk (Prath-PL).
- 5255 INDONESIA RRI Sibolga: 1507-1559 ID by M, slow beautiful vocal mx (Poppin-CA).

- 5265 CHINA FPBS: 1130 CH talk & folk mx (D'Angelo 11/27).
- 5320 CHINA RP-1: 1502 M&W in CH w/talk. Good! (D.W.Johnson). **HAPPY NEW YEAR!!!**
- 5882 ARGENTINA R. Rivadavia: 0034-0100 Sports broadcast w/ID's (Delap, Zilmer).
- 5900 CHINA FPBS2: 1025 CH talk (Alexander).
- 5915 BULGARIA R. Station Peace&Progress: 0420-0430 M in SP w/talk, ID, IS (Jordan 11/18)
- 5915 BULGARIA RM-relay: 0209-0214 SP mx, tlk by a M&W, ID's (Valko 11/4).
- 5915 BULGARIA R. Sofia: *0430-0500 SP talk, IS, ID, disco mx (F. Fumelli, Jordan)(Benner/B
- 5940 EUROPEAN SSR RM: 0000-0400* to ENAM, EG cmntry, talks, mx (Woltman,Marker,Gunnum/
- 5940 ASIATIC SSR RMWS-Petropavlovsk: new 500kw xmtr, EZ listening mx, EG(Kashiwabara,Bryan
- 5945 AUSTRIA ORP: "Strauss" IS, Amnt in GM & FR 0458 (P. Fumelli 11/24).
- 5945a EUROPEAN SSR Mayak: 0730 IS, ID & RS talk. Fair (Klein 11/9).
- 5949.5 NICARAGUA R.Dif.Nacional: 0149-1230 SP talk, lite LA mx, many ID's(11 reporters).
- 5955 COLOMBIA LV de los Centauros: 0940 Lively LA mx, occasional ID's (Klein-FL 11/23).
- 5955 QUATEMALA R. Cult: 0637-0701 M in SP w/amnts, Orchestral mx, ID, Brazil QRM(Poppin).
- 5960 CANADA RCI: 2231-2250 "As It Happens", bad het (McCants). 0300 damn het(Klein 11/7).
- 5965 GREECE Rhodes-VOA relay: AR nx 0501, ID in EG, ME mx & talk (Goes, P. Fumelli).
- 5970 UKRAINE SSR R.Kiev: EG tlk, cmntry & ID's. BBC QRM (Valko 11/5).
- 5975 GREAT BRITAIN BBC: 0945 EG programming, very late! (Klein). (Klein/
- 5980 USA KGET: *0900-1200+ s/on in SP, 1000 EG, 1100 RS, Exo & no DX here!(Alexander,/
- 5980t LITVA PRBC: *0600-0800* NA, ID by M "Arabiya Libya Jumhuriyah", into Islamic chants by M. ME mx into World nx 0750, mention of Sadat-Begin talks (Jordan, Klein).Lebanon?
- 5980 SIERRA LEONE SLBC: 2320-2350 EG "The Great Worship Hour" (Benner 11/26). 0555 IS, chime, time pips @ 0600, NA by band w/xylaphone, M in EG w/ID, into nx. List of obits by announcer in EG, amnts of religious services in Preetown(Klein, Alexander,/
- 5980 PERU R. Panamericana: 0830 excellent w/ID in the midst of mx(Berg). (Hoffman-PA/
- 5985 MEXICO RM: 0702 SP talk, mx, & ID. WYFR not on this eve (Jones 11/26).
- 5985 USA WYFR: 0130-0300 sked of religious pgms, EG bible readings (Mears,McCants,Schmidt)
- 5990 ROMANIA R. Bucharest: *0130-0200 & *0430-0500* EG nx & cmntry(Klein,Marker,Maxfield)
- 5990nf ETHIOPIA Voice of Rev. Ethiopia: Excellent @ 1600 in Amharic (Willis-AUS). FB! -scw
- 5995 MALI Bamako: 0001* FR ID, s/off amnts & hideous NA(Osterman 11/12). 0708-0716 FR tlk & cmntry, ID as "Bamako", Bass violin & orchestral mx (Poppin 11/25).
- 6000 HUNGARY R. Budapest: 0300-0330 EG Arms limitation talks (Marker). Exc. here too!-scw
- 6000 BRAZIL R. Inconfidencia: 2246-0120 U.S.rock & MoR mx, PT amnts & ads, ID at 2300. (Alvi, Clark, D.W.Johnson). 0745-0831 PT amnts, ads & pop mx(Alexander,Cucura,Valko).
- 6005 AUSTRALIA RA: Excellent and //6060 after 1600 w/EG World nx (Wiseblood 12/26).
- 6006 COSTA RICA R. Reloj: 0244-0245 "R. Reloj-Numero Uno" LA mx, ads(Osterman,Johnson). 0630-0730 SP talk, LA mx, ticking clock & ID's."Aqui Costa Rica"(Clifford,O'Riordar).
- 6010 ITALY RAI: *0100-0120* EG to Nam, Nx & mx, Chimes at 0100. //9575(Valko, R.Fraser).
- 6010nf EUROPEAN SSR RMWS: 2010 EG nx, cmntry & ID's. The usual stuff (Alexander 11/25).
- 6015 NORWAY NRK: NO to Nam, Cam, s/on*2300 then nx (Wood 11/28). 0430* EG armt (Klein-FL).
- 6015 COLOMBIA R. Mira: *1100 ID, Preqe, NA, SP talk by M&W to 1116(Barto, Valko, Jones-MS)
- 6015 VATICAN RADIO VR: *0100-0115* EG nx mx, cmntry on the churches (Gunnum, Earhart-PA).
- 6020 PERU R. Victoria: 1030 TC's. SP talk, LA pop mx & ID's (Tannenwald).
- 6020 EUROPEAN SSR RM: 0030"Moscow Review", EG tlk & discussions (Mears 11/24).
- 6025 UZBEKISTAN(Uzbek SSR): 1200 EG World nx, Islamic religious board(Klein, Hayes).
- 6025 PORTUGAL RP:*0300-0330* EG nx, PT mx (Maxfield). 0530* EG nx(Woltman,Kissane,Jordan).
- 6025t PARAGUAY R. Naci: 0132 Paraguayan vocal mx, M w/talk in SP (D.W.Johnson). Good, if so
- 6030 UGANDA RU: EG runs from *1500-1600*, thence to 9515 (Willis-AUSTRALIA)
- 6030 CANADA CFPV: 1700-1809 EG nx on the hour, MoR mx, relay CFCF (Clifford 11/12).
- 6030t GERMANY Sueddeutscher Rundfunk: Tlk by W in GM, possible ID, into piano mx (Klein-FL).
- 6031-7 PHILIPPINES FEBC: 1107-1130 tlk in possible Tagalog, EG ID @ 1130. Strong! (Barto).
- 6035 CHINA Voice of the Thai People: 1606 M in CH w/talk, Oriental vocals (Wiseblood).
- 6035 COSTA RICA Faro del Caribe: 1101-1153, ID,.SP talk, ex-6175 (Jones-MS, Lobdell).
- 6035 BRAZIL R. Globo: 1140 PT talk w/interval mx (Prath-PL) Rather late for Brazil?-scw
- 6035 AUSTRALIA RA Carnarvon: IS, then into EG nx 2200, via LP (Wood-NH 12/8).
- 6040 ANTIGUA DW-relay: 0130-0145 EG nx by M, political cmntry (Mears).
- 6040 GREAT BRITAIN VOA: 0615-0700* EG "Breakfast Show", Fair-Good (Klein)
- 6040 HUNGARY R. Budapest: p405 EG "UX Program", RBI sked, etc... (Klein)
- 6045 AUSTRALIA RA: 1000-1430 EG nx //5995, 6080, bad het (Zilmer, Klein, Prath, Godfrey).
- 6045 SWITZERLAND SRI: 0430-0530 EG "Two Bobs" to 0500 & IT(Fumelli,Klein,Clifford,Grant).
- 6050 YEMEN ARAB REPUBLIC R. San'a: 0600-0700 AR mx, chants, ID by M 0630 (Jordan 11/18).
- 6055 RWANDA RR: 1400 onwards FR & hi-life mx, 3330 is another matter, definitely not identified as of yet (Willis-AUSTRALIA)
- 6055 JAPAN NSB: This 50kw stn easily heard here, strong 0600-1730, EG @ 1500 (Wiseblood).
- 6060 AUSTRALIA RA: 1600 EG World nx, MoR mx, better than 5995 (O'Riordar). 2000 ID, EG nx, mixed w/VOA in AR. Good midafternoon reception (Wood-NH 11/12).
- 6060 ARGENTINA R. Nacional: *0858 Band mx, time pips @ 0900, ID, Calls & feqs (Jones-MS).
- 6065 COLOMBIA R. Super: 0651 LA mx, echo ID & SP talk (D.W.Johnson).
- 6065 SPAIN REE: 0525-0600 DX pgm about time stations, //9630 (Fumelli, Klein, Wood-NH).
- 6070 CANADA CFRX-Toronto: 1830 EG amnts, ads, local nx (Higgins). 0139 EG(D.W.Johnson).
- 6070 DDR RBI: *0000-0045 SP talk by M&W, this being their IAm service(Valko, Jordan).

- 6070 CYPRUS BEC:*1900 RS at s/on, mix w/CPRX & Sofia (Wood-NH 11/10).
- 6071 THAILAND RT: Excellent and //7115 at 1400 (Willis-AUS). Programming details? -ScW
- 6075 COLOMBIA R. Sutatenza: 1115 //5075, ID and anmt by M in SP (Klein).
- 6075 ECUADOR HCJB: 1135-1145 EG "Hello DXers"(Thursday only) during JP pgm (Zilmer 11/30)
- 6075 HONDURAS LV del Junco: 1318-1330 SP ads, M w/ID's & pop mx. Excellent (Krueger 11/27)
- 6080 ASIATIC SSR Petropavlovsk: 1325 Classical orchestral mx //6035 (Alexander 12/3).
1900 time pips, "Govorit Moscva", into Moscow-1 organ IS & RS nx by M(Wiseblood 12/26)
- 6080 HUNGARY RB: *0200-0215 EG World nx & cmtry (Jordan 11/17).
- 6080 AUSTRALIA RA 1101-1111 EG nx by M, severe QRM- Jamming? (Valko 11/6).
- 6080 CANADA CKWX-Vancouver: C&W mx, ads & TC @ 0200, EG nx & wx (D.W.Johnson 11/27).
- 6080 BELGIUM ORU/BRT:*0015-0045* EG to Nam, ID's, talk & pop mx(Earhart,Fraser, Saylor).
- 6082 PERU R. Nac: 0115 Piano mx, SP talk(Zilmer). 0945 ID, local flute mx (Klein).
- 6085 WEST GERMANY BR Munchen: 2030 GM pop mx, level w/Riyadh (Wood 11/12).
- 6085 SAUDI ARABIA BSKSA Riyadh: 1700 AR nx, fine signal at local noon! (Wood 11/12).
- 6085 ESTONIAN SSR R. Tallin'n: 2104-2106 IS on celeste, lots of QRM, If you try for this every day, you should be able to hear the IS once a week (R. McVicar 11/7).
- 6090 LUXEMBOURG RL : 0010-0200 EG nx, ads, pop U.S.British mx, "BIG-L" (Gunnun,Greenes)
- 6095 COLOMBIA LV del Centro: 0800-1120 ID's & LA mx (Berg, Lobdell-MA,Osterman, Valko).
- 6095 ECUADOR HCJB: 0500 EG "The Sounds of Joy" (Swanson).
- 6095 POLAND Polish Radio: 0200-0230 EG nx, cmtry, "Newsreel" (Grant, Prath).
- 6100 MALTA DW-Cyclops relay: 0145-0150* EG nx, cmtry, ID & IS (Saylor, Jordan).
- 6100 SPAIN REE: 2020-2040, IS to 2030, time pips & into EG svce. (Delap). (Wicks/
- 6101 VENEZUELA YVTO*time bleep*station:0800-0830 SP ID's by M every minute(Whitaker,/
6105 NEW ZEALAND RNZ: 0632-0955 EG talk, Jazz mx, ID & frees, TC(D.W.Johnson,Klein, Alvi)
- 6105 MEXICO Su Pantera: 2305 ID for XEMH,"Close Encounters"IS between selections(Klein).
1730-1745 Mexican pop mx, SP ads, Poor-Vy.Poor (D'Angelo).
- 6105 TANZANIA RT: Excellent signal at 1500 w/Swahili & EG talks (Willis-AUSTRALIA).
- 6115 COLOMBIA LV del Llano: 0135 ID by M, LA mx(Blumberg). 0625 LA mx, ID (D.W.Johnson).
- 6115 JAPAN NSB-2: Usually heard w/Fair-Good signals here w/JP tlk by W 0600(Wiseblood).
- 6116 MOZAMBIQUE RM: PT service at 1400. Fair-Good (Willis-AUSTRALIA)
- 6120 VENEZUELA R. Angostura: 2200 SP local ads (Wood-NH). 0914-1009 NA, Classical mx, ID w/call letters, freq., SP amnts, ads, Xmas mx (Jones-MS).(Klein, R. McVicar).
- 6130 GHANA GBC: 2048-2128 African & U.S. pop mx, EG amnts (Marker).
- 6130 CANADA Halifax-CHNX: 2212-1345 EG ads, Top-40 mx, nx, wx, ID's(5 reporters).
- 6135 TAHITI RT: Already good at 0500 w/no QRM, Tahitian & Hawaiian mx (Wiseblood).
- 6135 MALAGASY REPUBLIC Tanariffe at a good level at 1600, //3285 in local lang(Willis-AU)
- 6135 CHILE R. Univ de Concepcion: ID by W,address of stn in EG, NA, into SP (Jones-MS).
- 6135 SWITZERLAND SRI: *0145 IS, ID's, World nx in EG, nx cmtry (Klein, Saylor).
- 6140 UNID African stn here at 1606-1630 under the USSR and a jammer. Burundi?(Willis-AUS)
- 6140 GREECE EPT: GK at s/on 2100, into an anthem (Wood-NH 12/8).
- 6145 FRANCE RFI: 0540 FR nx. Very Poor (Fumelli 11/24).
- 6150 COLOMBIA LV del Huila: 0200-0240*LA mx, freqs, vocal mx (O'Riordar). 1030(Tannenwald)
- 6150 AUSTRALIA ABC-Melbourne: 1045 two men w/sports, EG nx, TC, ID (Jordan 11/11).
- 6150 CYPRUS CBC: 2215-2230*GK tlk and mx, nx headlines, ID, Good (Jordan 11/24)
- 6155 ASIATIC SSR Khabarovsk: 0924 Classical mx, Mayak IS 0930(Lobdell-MA)I Heard@1700-sCW
- 6155 USA WYFR-Scituate: 0300-0500* EG nx, mx "Unshackled", gospel mx(Earhart-PA, McCants)
- 6155 JAPAN PEN: Heard w/Vy.Good sigs here around 0730-0800, U.S. pop mx (Wiseblood 12/27)
- 6156 HAWAII R. Citadelle: *0939-1203 FR tlk by W, Ez listening mx, occasional R. Nacional programmes, NA at s/on and TC's (Berg, Klein, Barto, Jones-MS). 1920 disco (Krueger).
- 6160 NEW FOUNDLAND CKZN: 1116 EG book review, local events. Good (Lobdell-MA).
- 6160 COLOMBIA Emis Nueva Granada: 0615 LA mx, M in SP w/amnts, ads (D.W.Johnson 11/18).
- 6160 CANADA CKZU-Vancouver: Opera arias & pop mx, good to 0230 (D.W.Johnson 11/27).
- 6165 SWITZERLAND SRI: 0700 EG "European mx". Good (Klein 11/16).
- 6170 VENEZUELA R. Nacional: 1040 "Musica de Venezuela" (Klein 11/19)
- 6175 PERU R. Tawantinsuyo: 1001-1022 Vy. Good w/military march, SP amnts(Berg, Klein).
- 6180 GUATEMALA R. Nac:2200 Marimba mx, ID, SP amnt "La Voz del Pueblo" (Klein).
Sports from 0025 Field). 1149-1200 ID, calls, Marimba mx. M in SP (Barto).
- 6180 GREAT BRITAIN VOA: *0200 s/on in UK, EG amnt & ID (Prath-PL).
- 6185 PORTUGAL RDP: PT talk in SSB 2220 (Wood-NH 12/3).
- 6185 ASIATIC SSR Chita: *1030 FS-IS into GM w/M&W (Klein).
- 6195 PERU R. Cusco: 1022 Peruvian mx, ID, TC's, SP amnts (Jones-MS).
- 6195 CHILE R. Nac. de Chile: *1000 anmt by M, ID, Political talk, into mx. Hood ("lein),
I would like to aknowledge (sp?) a few Xmas cards and to thank the following faithful reporters: Congrats to Sam Barto & thanks for the card, keep up the good work w/the QSL column. Also to new reporter Elisabeth Whitaker, thanks for the card. And finally, to my old standby (whatever that means), Dave Valko, a faithful contributor, thanks for the card and the photo, Dave!. My sincere thanks to all for reporting, Keep up the Good Work!

Good Luck & 73's Steve

log report section

JANUARY 1979

6200-11699



TOM GAVARAS

16920 17th Ave. N. Wayzata, MN 55391

* 612-473-4515 *



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Whew! A new year - 1979! The past year was definitely an exciting one for me. What sticks out in my mind was a fantastic ANARC Convention at Radio Canada International, a logging of Cook Islands, CKFX, a few decent Indonesians and of course - our friends one mile north of nowhere: The Voice of the Voyager. I hope 1979 brings the best DX to everyone!!

I have a lot of loggings and only four pages, so lets get the ball rolling.....

- 6202v ALBANIA R. Tirana; 2130 Italian news pgm. Drifting here from 6200 (Wood 11/11).
- 6215 ANDORRA R. Andorra; 2100 Spanish talk, Catalan sports//medium wave (Wood 10/10). 2110-2201* Pop music, a few announcements (sounded Dutch). Off at 2201. Fair to good w/quite a bit of Utility interference. (McVicar 11/9).
- 6218 DOMINICAN REPUBLIC La Voz de la Libertad; 2150-2202* Spanish with instrumental music, pop songs "Nothing but a heartache." ID as "Aqui R. Libertad." (Greenes 11/10). -I haven't seen this reported for a long time! Any other ID's?? (tgg).-
- 6220 USA (MINNESOTA) Voice of the Voyager WDAYM; 0457-0623* IS, English Poem, We Will Rock you/Champions, etc. (McVicar 11/5, D'Angelo 11/5). 0455 Interval Signal, English ID "You are tuned to the one and only Voice of the Voyager, Champions of Bootleg Broadcasting." Talk about an accident with RF's Pickup truck near Duluth, Minnesota, talked about their new studios, etc. Signal was created by Vatican Radio at 0615. (Gavaras 12/17). 0500 IS & Usual sign on into a program from the early years called "The Shadow." Recordings from a Nebraska FM Bootleg Station: KCUF FM 98. Return of Bobby Bootlegger and Scoop-Bop-Beep-Bop was aired. A big surprise was the announcement of call letters: WDAYM. The address for reports was given as: VOV, 4306 Adair Avenue North, Crystal, MN 55422. Off at 0615 GMT. (Gavaras 12/24). 0230 IS, English opening announcements: "In just about three hours time, it will be exactly one year to the hour. And I'm Mike Martin, chief Engineer and owner of the VOV"....."What you will be hearing on the Voyager in the coming weeks is what we consider to be so-called ultimate radio. A radio station whose programming can not be duplicated by any commercial radio station. We will be bringing you the quality of non-commercial FM with the extended coverage of the shortwave band"....."What you will be hearing is a radio station that will try to service the listening audience with out the restrictions of commercial radio."....."This will be our program, a program built by a bunch of wild and crazy folks who like the rest of the country are sick and tired of the commercial radio system."..... These are excerpts of the VOV's opening announcement, which also outlined the stations history. This was the VOV's First Anniversary broadcast with the VOV monotonies singing Haopy Birthday, Minnesota-Ohio Mystery Theatre, The VOV's version of the 12 days of Christmas "5-Telco Loops, 4-Ground wires, 3-Capacitors, 2-Microphones and an HT-20." Also had another adventure of Bobby Bootlegger, Christmas Carols, Northern Listener DX Program (where they announced that they would attend and talk at the ANARC 1979/Minneapolis Convention). Announced call letters as WDAYM & said they would resume regular broadcasts every Friday and Saturday 0300-0600 plus a possible special New Years Eve transmission on 6220 kHz. (Gavaras 12/26).
- 6220 VATICAN STATE Vatican Radio; 0635-0700 Latin Mass//9625,9645,11715 (Clifford 11/18).
- 6221 UNIDENTIFIED; 0735-0800* EG/SP news, music, etc. (Alexander) Probably Vatican (tg).-
- 6221 UNIDENTIFIED; Looking for ABC Europe, suppose to s/on 0900 on 6219, tuned in 6221 at 0925 & found weak religious mx & talk (Berg 12/3). -Also could be Vatican (tg).-
- 6230 EGYPT R. Cairo; 0230-0330 English news and Arabic music (Gunnum 11/8).
- 6250 EQUATORIAL GUINEA R. Malabo; 2045-2104* Spanish "Buenas noches Africa" talk & local mx (Rippel, Wood, D'Angelo). 0510-0525 Spanish talk & march mx (Alexander, Gavaras).

- 6250 KOREA (NORTH) R. Pyongyang; 2150 Korean political talk pgm (Wood 12/8).
- 6270 CHINA R. Peking; 1945-2110 Chinese tlk & mx (Wood, Rippel). 2135 EG news (Blumberg).
- 6345 CHINA R. Peking; 2045 Portugese talking w/traditional music (Wood 12/8).
- 6550 LEBANON V. of Lebanon; *0450 Arabic s/on with celeste mx, Colonel Bogey March, anthem, instrumental music. Some talk in French also noted. (McVicar, Bartc, Hywarren).
- 6560 CHINA R. Peking; 2030 French news to Europe (Woos 11/11).
- 6700 LAOS National Radio (Luang Prabang); Lao talk at 1350 w/good level (Willis).
- 6750 CHINA R. Peking; 1120 Chinese talk by a man (Prath 11/19).
- 6765 CHINA PLA; 1130 Fast Chinese talking by a lady (Prath 11/19).
- 6770 KOREA (NORTH) R. Pyongyang; 1130 Spanish news, talk & choir music (Prath 11/25).
- 6860 CHINA R. Peking; Esperanto news 2000 (Wood). 2140 English talk on Vietnam (Petravich).
- 6900 TURKEY Turkish Meteorological; 0416 Turkish mx. (Osterman). 1400+ Turkish tlk (Willis)
- 7035 CHINA R. Peking; *2300 s/on with a Chinese program (Alvi 11/12).
- 7065 ALBANIA R. Tirana; *0000-0026* EG nx & cmntry (Maxfield, Kissane). 0230 EG ID (Mears).
- 7075 EGYPT R. Cairo; 2307 Arabic talking with flute, drums & male vocals (Alvi 11/12).
- 7080 ALBANIA R. Tirana; 0649 English news with talking about Iran (Whitaker 11/12).
- 7100 USSR R. Moscow; 0200 English news and Moscow Mailbag (Gunnun 11/5).
- 7105 MONACO TWR; 0724-0900 English Religious programs (Cucura, Clifford, Valko).
- 7110 ETHIOPIA VOBE; 0328-0410 Amharic w/IS, Uneven time pips, ID, National Anthem, March music (Saylor, Alexander, Blumberg, Valko). 1500 Amharic pgm. Excellent (Willis).
- 7115 BULGARIA R. Sofia; 0432-0500* EG Nx & cmntry (Cucura, D.W. Johnson, Lobdell, Jordan).
- 7120 ALBANIA R. Tirana; 0130 English local and world news program (Grant 11/30).
- 7135 FRANCE RPT; 0605 French news (Fifumelli). 2214 Portugese pgm after IS (Brooks).
- 7140 JAPAN R. Japan; 1230 IS, EG/JP ID into Russian program for Asia (Kissane 12/5).
- 7140 QMAN BBC; *2357 Bow Bells, ID & World Service (Brooks, Wicks, Alexander, Gavaras).
- 7145 LAOS National Radio; 1250 Asian lang (Cambodian) w/female vocal chants (Gavaras 12/2)
- 7150 USSR R. Kiev; 0030-0100 English w/Ukraine news & music (Earhart 12/1, Gunnun 11/8).
- 7150 USSR R. Moscow; 0120 English cmntrv talk and news program (Woltman 11/17).
- 7160 SARAWAK R. Malaysia; 1045 Lang tlk & mx (Alexander). 1445 English pgm (Willis).
- 7170 NEW CALEDONIA R. Noumea; 0636-0815 French tlk w/pop mx (D.W. Johnson, Stover).
- 7180 SINGAPORE BBC; 1155 Vietnamese/English language lesson (Wood 11/21).
- 7190 PHILIPPINES VOA (Poror); 1200-1600* English ID, cmntry, Jazz mx, etc. (Kissane 12/5).
- 7205 USSR R. Moscow; 0000 English cmntry (Fraser). 0245 Moscow Review (Williams).
- 7205 GREECE V. of Greece; 0620 Greek mx (Fifumelli 11/24). -I have 7215 kHz listed (tgg)-.
- 7210 GERMANY (WEST) DW; 0220 s/on in unidentified language (Gunnun 10/29).
- 7215 IVORY COAST RTVI; 2215 FR/Vern tlk & local mx. s/off 0002 Brass Band (Brooks).
- 7215 GUINEA REPUBLIC Rdf Nationale; 0520 French ID, talk, news & pop mx (Jordan 11/22).
- 7223 TUNISIA RTVT; 2320-2333* Arabic ID & Quran (Brooks). 0450 (tent) AR tlk & mx (Johnson).
- 7230 CYPRUS Cyprus Bc. Corp; 2213 Guitar IS, Greek news & tlk. HAM interference (Fowler).
- 7250 QMAN BBC; 2000 English news and cmntry on the Shah of Iran (Grant 12/3).
- 7250 VATICAN SPATE Vatican Radio; *0630 IT/FR/GM/SP/PT tlk w/Latin Mass (D.W. Johnson).
- 7255 NIGERIA VON (Lagos); *0555-0635 English ID, nx & pop mx (Jordan, Alexander, D.W. Johnson)
- 7262 MONGOLIA R. Ulan Bator; CH/Mongolian 1320+ ID, IS, tlk, mx, etc. (Godfrey 12/6).
- 7270 POLAND Polish Radio; 0630+ English ID, Local news & mx (Alexander, Jordan).
- 7270 SARAWAK R. Malaysia; 1035 Malay talk with mention of Kuching, etc. (D.W. Johnson 12/2)
- 7270 SOUTH AFRICA RSA; 0305 English "Good Morning Africa," nx & cmntry (Benner 11/24).
- 7295 MALAYSIA R. Malaysia; 1105 talk in language with light music (Alexander 11/26).
- 7300 ALBANIA R. Tirana; *0330-0357* English discussion on Yugoslavian socialism (Maxfield).
- 7345 CZECHOSLOVAKIA R. Prague; *0100 EG nx (Maxfield). 0310 EG tlk (Saylor, Gunnun).
- 7400 USSR R. Moscow; 0130-0250 English DX pgm, Moscow Review, etc. (Mears 11/18).
- 7420 CHINA R. Peking; 1205 English news and cmntry (Prath 11/23).
- 7420 USSR R. Moscow; 0040 English news & talk on Pakistan (Gunnun 11/2).
- 7440 USSE R. Moscow World Svc; 2200 English reports from around the world (Williams 12/7).
- 7512 VIEトナム VOV (Tay Nguyen); 1140 lang talk with local music/9840 (Alexander 12/3).
- 7670 BULGARIA R. Sofia (Stolnik); 2105 French talk and cmntry on energy (Delap 11/25).
- 7805 CHINA R. Peking; 1955 Czechoslovak sign off (Wood 12/9).
- 7820 CHINA R. Peking; 1955 Unidentified language s/off with Utility interference (Wood).
- 8000 JAPAN JJJ Time Station; 0640 Pips with CW & Japanese time announcements (Delap 12/9).
- 9022 IRAN VOI; 0341 lang talk by man & woman (Rippel). 2000 English news (Wicks 11/28).
- 9095 CANADA CFRB; 1400 English w/relig pgm, etc. (Weinhold). -harmonic 9 X 1010? (tgg).-
-Thx for the call! I hope I got the details right! (tgg).-
- 9360 SPAIN R. Espana; 0205-0339 Spanish speech, ID, local mx, etc. (Earhart, Rippel).
- 9420 KOREA (NORTH) R. Pyongyang; 1800 FR ID & nx (Wood). 0704 EG cmntry abt woman (Johnson)
- 9423 CHINA CLANDESTINE V. of People of Thailand; 1055-1158 Thai cmntry (Barto, Alexander).
- 9425 ISRAEL IBA; 2028 English announcements including address, freqs, times (Whitaker)
- 9465 PAKISTAN R. Pakistan; 2130-2145* Urdu tlk, local mx, choir, ID (Clark, Zilmer)
- 9475 EGYPT R. Cairo; 2218-2250 Arabic tlk & mx (McCants, Rippel). 0200+ English cmntry along with answers to listeners letters (Earhart, E. Hoffmann, Woltman).
- 9480 ALBANIA R. Tirana; 1842-1857* English ID w/World & European news (Higgins 11/12).
- 9500 ALBANIA R. Tirana; 1429 IS, French ID, talking, etc. Moscow QRM. (Jones 11/25).
- 9500 LIBYA PRBS; 2310 Arabic singing, talking with occasional chimes (Saylor 11/21).

- 9505 DOMINICAN REPUBLIC RTVD; 1230 SP Interview (Prath). 2230 SP tlk & mx (Blumberg).
- 9515n GREECE VOG; 0200 Greek s/on, 0215 English, 0230 Greek (ex 9610 kHz) // 9760 and 11730. All three freq's excellent. (Hauser 11/24, Wood 12/8).
- 9515 TURKEY VOT; 1645 Turkish mx, cmntry & ID (Jordan). *2130-2300* English Press Review, ID, pop mx, Panorama on Culture (Fraser, Maxfield, Clifford, Poppin, Jordan, Kissane, Yacono).
- 9525 KOREA (SOUTH) R. Korea; 1030 Spanish news program to Latin America (Wood 11/28).
- 9525 POLAND Polish Radio; 1700 s/on with French pgm to Africa (Wood 11/10).
- 9525 USA WYFR 0340 Spanish/English talk, ID and religious pgms (Kissane 11/21).
- 9530 CHINA R. Peking; 1500 Russian s/on with news. Jammed (Wood 11/23).
- 9535 INDIA AIR; 2200 English news & week in parliament//11620 & 11740 (Zilmer 11/26).
- 9540 FRANCE RFI; 0630 French news on the Algerian president (Fifumelli 11/24).
- 9540 ISRAEL IBA; 1800 Russian s/on. Jammed signal (Wood 11/10).
- 9540 UZBEK SSR R. Tashkent; 1200 English news, cmntry on Peking & ID's (Lorz 11/19).
- 9560 JORDAN R. Jordan; 1609-1730* English ID, news & pop mx (Brooks, Lorz, Osterman, Lobdell).
- 9560 SOUTH AFRICA Springbok Radio; 2133-2208* AK ID w/AK & EG pop music (Delap 12/9).
- 9560 USA VOA (Dixon); 0245 German pgm. Does a number on HCJB - for which god will surely get them! Airing was a heckuva tribute to the 50 year old Mickey Mouse (Brooks 11/16).
- 9565 FINLAND R. Finland; *2330-2355* English nx & cmntry on Community Devel. (Maxfield, Bryan)
- 9565 MALTA DW; *0130 IS, English/German ID & freqs into news (Valko 11/24).
- 9570 ROMANIA R. Bucharest; 0150 EG news (Prath). 0400 EG talk on Summit mtg (Grant).
- 9570 VATICAN STATE Vatican Radio; 0120* English s/off with ID (Valko 11/24).
- 9575 ITALY RAI; *0100-0120* English news and music program (Maxfield 11/19).
- 9580 AUSTRALIA R. Australia (Shepparton); 1200-1300* English nx, mailbag & pop mx (Fraser).
- 9580 KOREA (SOUTH) R. Korea; 1015 English ID & talk on Korean culture (Kissane 11/28).
- 9580 USSR R. Moscow World Svc; 1500-1700 EG nx (Kissane, Williams). 0510 EG cmntry (Woltman).
- 9585 SOUTH AFRICA RSA; *0200-0250* English nx & panorama (Gunnun, Valko, Brouillette).
- 9585t BRAZIL R. Excelsior; 0000 Portugese. Definitely regional Brazil, but no ID hrd (Willis)
- 9585 FINLAND R. Finland; 1930 IS, English news. Het & co-channel QRM (Petraevick 12/3).
- 9585 JAPAN R. Japan; 1200 English nx (Fraser). 1300-1315 & 1600-1615 EG nx & cmntry (Jordan)
- 9590 NORWAY R. Norway; 0200 English ID, news & mx. R. Ned & RSA QRM. (Marker 11/20).
- 9590 QMAN BBC; *0255 Bow Bells, English ID into World Svc (Hauser 11/24, Wood 11/23).
- 9595 JAPAN NSB; 0815 Japanese play & US pop mx (Alexander). 1500-1615* English talk w/ads for Seiko watches, Sony, etc. (Clifford, Higgins, Kissane). 1545 EG pgm w/very happy lady DJ, laughs all the time and reading weirdo news stories. Two days earlier this was suppose to have been simulcast with K200-1210 Hawaii (Hauser 11/24).
- 9600 TAIWAN VOPG; *2300 IS, Spanish ID, choral anthem, Chinese mx (Saylor 11/21).
- 9600v UZBEK SSR R. Tashkent; 1210 English World nx & stringed mx (Yacono 11/23).
- 9605 CZECHOSLOVAKIA R. Prague; 1431 English news & mx - Pacific Service (Kissane 12/4).
- 9605 VATICAN STATE Vatican Radio; *0100-0113* English tlk on human rights (Calderwood,
- 9610 MONACO TWR; 0945 English religious programming (Alexander 11/16). Maxfield).
- 9610 AUSTRALIA ABC (Perth); 1200 EG news & mx (Woltman). 1532 pop music with ID in EG "Western Australian Regional Program and Shortwave Service" (Kissane).
- 9610 SOUTH AFRICA RSA; *0200-0250* EG news, cmntry & Panorama (Means, Prath, Saylor, Maxfield)
- 9620 EGYPT R. Cairo; 1400 Arabic s/on ID into Azan. (Wood 11/20).
- 9620 YUGOSLAVIA R. Yugoslavia; *2200 IS, English ID and talk by man & woman (Maxfield). 2206 No announcements, just Polk & Polka mx (Earhart). 1555 EG/FR pgm (Berezowski).
- 9625 CANADA CBC NS; 0605 English news & weather (Swanson). 1400 English news (Grant).
- 9630n CHILE V. of Chile; English s/off 0002. Spain QRM, poor choice of New Freq (Wood)
- 9630 SPAIN R. Espana; 0035 EG Tourist Guide (Benner). 0512+ EG cmntry (Kissane, Woltman).
- 9635 BRAZIL R. Aparecida; 0935 Portugese talk & vocal. Heard under AWR (Alexander 11/26).
- 9635 PORTUGAL AWR; 0900 English ID, religious pgm into DX program at 0930 (Alexander).
- 9640 KOREA (SOUTH) R. Korea; 1620 English ID and read letters from listeners (Bryan 11/13).
- 9645 COSTA RICA TIFO; 0304 English religious pgms "Hour of Decision," "Guidelines," etc. (Fowler, Benner). 1240 Spanish talk with pop music (Prath).
- 9645 NORWAY R. Norway; 2200 English "The Vikings" pgm, news & weather//9590 (Grant 12/3).
- 9645 USSR R. Magallanes; *0200 IS, Spanish ID & usual propaganda (Saylor 11/22).
- 9645 VATICAN STATE Vatican Radio; *0630 Latin Mass w/EG, GI, IT, PL ID's//11715 (Clark)
- 9650 GERMANY (WEST) VOA; *0730-0745* German nx & mx. QSL has been received! (Goss 11/17).
- 9650 GUINEA REPUBLIC Rdf Nationale; 2330 French ID with childrens chorus (Saylor 11/21).
- 9655 BULGARIA R. Sofia; 1700 Arabic sign on with a news program (wood 11/10).
- 9655 COLOMBIA R. Nacional; 0000-0254 Spanish ID, news & a lot of mx (Alexander, Earhart,
- 9660 AUSTRALIA ABC Brisbane; 0738+English talk w/mxas mx (Alexander, Whitaker). Saylor).
- 9675 PORTUGAL V. of Hope; 1800 English s/on, began "multilingual broadcasts" into Russian program (Wood 11/10).
- 9684 TANZANIA R. Tanzania; Back here from 1500 in Swahili (Willis).
- 9685 ECUADOR HCJB; 0315 Russian religious pgm. EG ID 0330 and back to Russian (Earhart).
- 9690 ARGENTINA RAE; 0010-0145 Spanish ID, talk and news abt Argentina (Saylor, Jordan).
- 9690 USA WYFR (Florida); 2225 English Unshackled, etc //11720 (Brooks).
- 9695 BRAZIL R. Rio Mar; 0050 Portugese ID & music till 0100 s/off (Zilmer 11/23).
- 9695 SWEDEN R. Sveriges; *0230-0259* IS, English ID, news, talk on Swedish inflation & unemployment, music, etc. (Kissane 11/28, Williams 12/6, Woltman 11/14).

- 9700 BULGARIA R. Sofia; 1930 English news program (Zilmer 11/21). Gunnum.)
- 9705 BULGARIA R. Sofia; *0000-0059* EG Mailbag & cmntry (Maxfield, Grant, Cucura, Jordan, Gunnum.)
- 9705 INDIA AIR; *1115 lang, 1135-1145* English news program (Zilmer 11/14, Lobdell 11/28).
- 9710 ANTIGUA BBC; 0550 English "The World Today" program (Swanson 11/15).
- 9710 SOUTH AFRICA Springbok; 0401 AK/EG (Kissane, Osterman) 1930-2102 EG (Fowler, Zilmer).
- 9715 NETHERLAND ANTILLES R. Nederland; 0230 EG news (Mears). 0530 EG Newslane (Swanson).
- 9720 KOREA (SOUTH) R. Korea; 1610 English news about Korea (E. Hoffmann, Jordan, Bryan).
1800-1830 English news highlights of the past week (Clifford, Schmidt).
- 9720 SRI LANKA SLBC; 0120 English record request program & Birthday greetings (Osterman).
- 9725 PHILIPPINES VOA (Tinang); 1500 English s/off with ID (Clifford 11/26).
- 9725 SWITZERLAND SRI; *0145-0215* English ID, news, letterbox & interviews (Mears, Maxfield)
- 9730 GERMANY (EAST) RBI; 0230 English news, cmntry on Human Rights (Grant 11/11).
- 9730 UGANDA UBC; 2030 English w/Ugandan music and narration by man (Clifford 11/26).
- 9740 MALAYSIA BBC; 1647 English cmntry on spies in East Germany (Bryan 11/19).
- 9745 IRAQ R. Baghdad; 2030 German tlk (Osterman). *2130 EG news & cmntry (Maxfield, Wicks).
- 9750 CHILE R. Mineria; 0135 Spanish Identification, talk and music (Alexander 11/24).
- 9750 CYPRUS BBC; *0600 IS, English ID into World Svc (McVicar 11/8, Wicks 11/28).
- 9765 ASCENSION ISLAND BBC; 0230 Spanish/English with English by Radio pgm (Fraser 11/11).
- 9765 USSR R. Moscow World Svc; 1300 English news program (Zilmer 11/23).
- 9770 AUSTRALIA R. Australia (Shepparton); 1653 English ID & Australian pop mx (Bryan).
- 9770 AUSTRIA ORF; *0130-0155* English news editorial on nation's referendums (Fraser).
- 9770 CUBA RHC; 2112 English commentaries on Israel/Egypt 1967 War (Delap 12/9).
- 9770 HAITI 4VEH; 1200 English news & wx (Fraser). 2257 SP/EG Religious pgms (Higgins).
- 9780 KAZAKH SSR R. Alma Ata; *0000 Russian/Kazakh IS, two anthems, news, etc. (Wicks 11/28, Kashiwibara 11/29, Clark 12/8).
- 9780 USSR R. Moscow; 0428 English ID into news program (C. Hoffman 11/14).
- 9780 YEMEN ARAB REP R. San'a; *0300+ Flute IS, Arabic tlk & Koran (Saylor, C. Hoffman).
- 9795 USSR R. Moscow World Svc; 1800 English news and cmntry (Zilmer 11/22). Kissane).
- 9805 EGYPT R. Cairo; *2215-2315* EG News, cmntry & stamp pgm (Higgins, Maxfield, Saylor, Wicks).
- 9815 ISRAEL IBA; 2007 English discussion of immigration (Alvi). *2230-2259* English news, cmntry, DX Program, etc. (Maxfield, Higgins, Woltman).
- 9820 CHINA R. Peking; *1200-1257* English Letterbox (Yacono, Fraser). *1500 Russian (Rippel)
- 9835 ISRAEL IBA; 0500 English news, press editorial, etc. (Jordan 11/29).
- 9840mf KUWAIT R. Kuwait; 1700 Arabic Identification and talking (Wood 11/10).
- 9840 VIETNAM VOV (Hay Nguyen); 1120 Vietnamese talk, music & ID (Jordan 12/7).
- 9850 EGYPT R. Cairo; 2045 Arabic news, male chorus and strings (Delap 12/9).
- 9870 KOREA (SOUTH) R. Korea; 1230 Korean ID into Spanish program (Wood 11/25).
- 9895 HOLLAND R. Nederland; 1330 English news program (Zilmer 11/23).
- 9955 CLANDESTINE R. Freedom of Southern Yemen; 1810-2000* Arabic singing, speaking, march mx, ID, Anthem with Horns (Petrvick 11/22, Wood 11/25).
- 9977 KOREA (NORTH) R. Pyongyang; 1225 English talk on revolutions (Yacono). 2135 Japanese talk (Wood 11/11). *2300+ English cmntry on S. Korea and communism (Schmidt 11/25, D'Angelo 11/25, Osterman 11/26, Earhart 11/28).
- 9996 USSR RTA Time Station; 0840 Pips & Morse Code ID 20 minutes before hour (Wicks).
- 10000 ARGENTINA LOL Time Station; 2340 Pips w/Spanish announcements every 5 min (Wicks).
- 10000 CHINA BPV Time Station; 0900 Pips w/Morse Code ID during 1st & 31st min (Wicks).
- 10040 VIETNAM VOV (Hanoi); 1002 English ID, talk & news (Cucura). 1130 lang news and local mx (Alexander). -I have Thai listed (tgg). 1313 French tlk & local mx (Alvi). 1532 English ID & cmntry (Kissane). 1800 English anti-China news (Wood). 2030-2130* English news, ID, instrumental mx, sked, etc. (Grant, Schmidt, Greenes).
- 10060 VIETNAM VOV (Hanoi); 1319 Vietnamese talk and music (Zilmer 11/20, Alvi 11/13).
- 10100 CANADA CFRB; 2110 English ID & traffic report. 10th Harmonic! (Saylor 11/27).
- 10570 NUMBER STATION; 1930 EG w/female repeating "068" over & over. V. Good (Gavaras 12/5).
- 11000 CHINA R. Peking; 1900 IS, Chinese talk in unid language (Petrvick 11/29).
- 11550 KOREA (NORTH) KCBS; 0515 Korean news and music (Hartsell 11/13).
- 11445 CHINA R. Peking; 1240 Chinese announcements and local music (Prath 11/12).
- 11505 CHINA PLA; 0000 Chinese musical drama program (Hartsell 11/18).
- 11532 KOREA (NORTH) R. Pyongyang; 1950 French political talk w/a good accent (Wood 11/12).
- 11620 INDIA AIR; 1959-2115 English ID, news & mx (Kissane, Alvi, Cucura, Saylor).
- 11635 ISRAEL IBA; 2230 Hebrew domestic service talking. Move from 11638 (Zilmer 12/5).
- 11645 CHINA R. Peking; 1100 Russian s/on by man & woman "Govorit Peking" (Prath 11/19).
- 11655 ISRAEL IBA; *2230-2259* English news, DX Corner, music, etc. (Maxfield, Gunnum).
- 11677v PAKISTAN R. Pakistan; 1600 English ID and news summary (Jordan 11/18). 2130 unid language talk, ID & music //9465 (Zilmer 11/21).
- 11683 SAUDI ARABIA BSKSA (Riyadh); 0600 Arabic talk, news, music, etc. (D.W. Johnson 12/5, Clark 11/20). -Ken Eckhart: I believe this is your unidentified! (tgg).
- 11685 CHINA R. Peking; 1200 English s/on with news (Swanson 11/17).
- 11700 LIBYA PRB; 2034-2045 Arabic march music followed by Arabic political talk and instrumentals. This is // to 6100 most days with 6100 stronger (Delap 11/25).

Thank You to all who contributed this month!!! Until February, 73, *Tom*

log report section

11700 & ABOVE



BOB BROWN

PLEASE Those of you who type out your loggings on blank paper, leave enough space between each line so that when you cut them apart each strip will be at least 1/2 inch wide. Those thin strips which are only one line wide are very difficult to work with; remember we have hundreds of strips to work with each month. Thank you.

- * * * * *
- 11705 FRANCE RFI; 0512-0520 FR, tk, mx, VOA Monrovia sw/to 11710 (Earhart)
 - 11715 PHILIPPINES VOA; 1205 EG, nx, cmntry (Prath 12/3)
 - 11720 CHILE LV de C; 2300-2355 EG, ID by W, cmntry, mx, (3- reporters)
 - 11720 USA WYFR; 2225 EG, rel px to Eu, ID, //9690 (Brooks 11/30)
 - 11720 USSR RP&P; 1300 EG, round up of events (Zilmer 11/24)
 - 11725 AUSTRALIA RA; 2040 EG, nx, "Music Time" (Petravick 11/22)
 - 11725 CUBA RHC; 0250-0543 EG, cmntry on LA & Af (3-reporters 11/22,28 12/2)
 - 11730 FRANCE RFI; 0500 FR, nx, mx (Gunnum 11/3)
 - 11730 GREECE VOG; *1500-1530 GK/EG, GK tk into EG at 1515, QRM RN (Kissane 0348-0351* GK, mx & vocal, freq. in Khz (Earhart 11/19)
 - 11730 MADAGASCAR R Nederland; 1830 EG, "Happy Station" (Clark 11/19)
2030 EG, to WAF "Newsline Special", "Work & People" (Kissane 12/2)
 - 11737 BAGHDAD (?); *1600 Persian, excellent (Willis Aus.)
 - 11740 AUSTRALIA RA; 0720 EG, nx, editorial, mx, ID, //9670 (Alexander)
 - 11740 INDIA AIR; 2200 EG, nx, "Week in Parliament"//11620,9535 (Zilmer)
 - 11740 USA VOA; 0010 EG, nx, "Making of A Nation" (Chinakos 11/27)
 - 11760 CUBA RHC; 0155SP, tk by YL & OM (Prath 11/7)
 - 11760 GREECE EPT; 0400 GK, under RHC (Wood 11/14)
 - 11765 BRAZIL R Tupi; 0045 PT, "Futebol" (Zilmer 11/23)
 - 11770 NGERIA VON; *0545,*0600 EG, IS, ID, "Px Parade", mx (sounds like National Anthem) //7255, 15210 (Kissane 11/27, Wood 11/12)
 - 11775 ANTIGUA BBC 1700-1745* EG, ID, nx, "Book Choke", word game (Schmidt)
 - 11780 SWITZERLAND SRI; 0145 EG, (USB) nx, "Dateline" (no name)
 - 11780 BRAZIL RNB; 0030-0348 PT, tk, ID, tk, very nice mx (5-reporters)
 - 11785 RWANDA DW; 0610-0632 GR, mx/yodeling, (Earhart 12/2)
 - 11790 S AFRICA SABC; 1611-1638 EG, sporting nx, "On A Summer Afternoon" review film "Int. Velvet" orch mx, (Poppin 11/27)
 - 11792 COLOMBIA RNC; 1118, 1315, 0255 SP, cl mx, //9655 (3-reporters)
 - 11795 W GERMANY DW; 0223-0230 GR, ELmx, (better than all tk) (Earhart)
 - 11800 AUSTRALIA RA; *1756-1859* EG, ID, nx, pop mx, cmntry (Maxfield,Unger)
 - 11800 SRI LANKA SLBC; 1615+ HD, All Asian Service, (Hayes 11/21)
 - 11805 E GERMANY RBI; 0130 EG, DX Club, (Zilmer 12/5)
 - 11805 SEYCHELLES FEBA; 0315 SH, EGID, tk, mx (Prath 11/16)
 - 11805 USA APRTS; 0505-0518 EG, Texas/Texas A & M footballgame (Jordan)
2005-2150 EG, mx, rel px, "Stones Cry Out" px (McCants 11/26)
 - 11810 INDIA AIR; 1400 EG, news (Zilmer 11/24)
 - 11810 NETH ANTILLES TWR; 1134 EG, mx, vocals (Woltman 11/20)
 - 11815 JAPAN RJ; 1709 EG, ID, cmntry Dollar/Yen, (Bryan 11/19)
 - 11820 USSR RP&P; 1400 EG, news, //15490, 15440 (Zilmer 11/24)
 - 11825 JAPAN RJ; 0132 EG, nx, cmntry/comic books in Japan (Woltman 11/11)
 - 11825 SOCIETY ISL R Tahiti; 0830-0900* TT, "Boogie Nites" in TT(Kashiwazara)
 - 11830 HAITI 4VEH; 0423 Creole, Did 4VEH switch to 11830 ex-11835? (Pumell)
 - 11835 HAITI 4VEH; 1100, 1115, 1200, 2300 EG, ID, rel px, (4-reporters)
 - 11835 ECUADOR HCJB; 1130 SP, rel px (Berezowski 10/15)
 - 11840nISRAEL IBA; 0500-0515 EG, nx, mx, (moved from 11845) (Zilmer 12/3)
 - 11845 VATICAN VR; *0058-0112* EG, IS, ID, nx, rel px (3-reporters)
 - 11850 GUAM TWR; 1430 EG, ID, misc px (Field 11/11)
 - 11855 SAUDI ARABIA BSKSA; 1935-2115 EG, "Top of the Pops", "Arabic by Radio "The World Atlas" no jamming (Berezowski 11/5, Clarke 12/7)
 - 11855 SEYCHELLES FEBA; 1645-1855* Lang, ? px, good signal (Berezowski 10/15)
 - 11855 USA WYFR; 2312-2330 SP, tk, mx, "La Hora de La Reforma" (McCants)
 - 11860 ASCENSION ISL BBC; 0505-0515 EG, "Crime in USA" px, (Earhart 11/5)
0701 EG, nx, "Twenty-four Hours" px (Whitaker 10/17)
 - 11860 S KOREA RK; 2021-2030 EG, ID, IS, tk on Korean countryside, (Kissane)
(this was reported as N Korea last month ed.)
 - 11860 LIBERIA R ELWA; 1940, 2113 EG, ID, nx, rel px, mx (Fowler, Saylor)
 - 11860 USSR RM GORKY; *0100-0118 SP, IS, ID, (Thxs to J. O'Donell)(Valko)

- 11865 MALTA DW; 0145 EG, px on GM Youth as foreign ex. students (Benner)
 11865 CUBA RHC; 0345, 0400 EG, ID, "Cuban Profile", (Gunnun, Swanson)
 11865 AUSTRALIA RA; 1700 EG, news, //11880 weaker (Hayes 11/21)
 11880 SPAIN SFR; 0003-0103 EG, nx, cmntry on mx & films (5-reporters)
 11885 URUGUAY SODRE; 2330-0030 EG, IS, ID nx, cmntry (4-reporters)
 2320 EG, px abt lighthouses, annt. 21MB & 31MB but not on 9515, SP at
 2325, 0028 rpt of prev. px, Another day EG started at 2328 (Hauser)
 11905 SWEDEN RS; *0030-0057* EG, nx, regular pxs (4-reporters)
 11915 ECUADOR HCJB; 0135-0255 EG, regular pxs, //9560, 15115 (3-reporters)
 11915 EGYPT R Cairo; 1820 AR, ID, ARmx (Brooks 11/23)
 11920 IVORY COAST RIC; 1945-2001 EG, ID, freqs, pop mx, (Blumberg 11/21)
 11920 USA WYFR; 1955 RS, IS, ID, Site, (Brooks 11/17)
 11925 USA VOA; 0100-0115 EG, nx w/ Al Ross (Mears 11/24)
 11925a USSR RM Mayak; 0226-0235 RS, IS, 40's jazz, tk by W (Brouillette)
 11930 CUBA RHC; 0000, 0258 EG/SP, IS, ID, nx, mx, the usual (Bryan, Gunnun)
 11935 BRAZIL R Clube Paranaense; 0050 PT, tk, mx, QRM Cuba, (Hoffman 11/19)
 11935 IRAQ R Baghdad; 0300-0400 EG, IS, poor choice, QRM Portugal (Wood)
 11940 CANADA RCI; 0115-0120 EG, nx, mx, sports (Mears 11/24)
 11940 ROMANIA R Bucharest; 0647 EG, rpt on Pres. Cealiescu's sp. (Johnson)
 11945 NEW ZEALAND RNZ; 0440-0715 EG, IS, ID, nx, spts (4-reporters)
 11938 CAMBODIA R Phnom Penh; 1100-1500 (?), excellent, not on 11948/9;
 this is an AR sta. different than that on 11950 (Willis-Australia)
 11955a KENYA VOK; 1500-1600+ (?), (what was on? ed.) (Willis- Aus.)
 11955 TURKEY VOT/RT; 1655-1725 TK, vocal mx, tk, (Jordan 11/25) 2130 EG,
 nx, mx, "Music Merry-Go-Round" best ever here (Clark 11/6) 1450 TK,
 2230 EG w/ FS, (Willis Australia)
 11960 ECUADOR HCJB; 0255-0305 SP, IS, mx, HCJB still here (Earhart 11/30)
 11965 ALBANIA R Tirana; 1230 EG, nx, mx, cmntry (Zilmer 11/21)
 11965 S KOREA KBS; 1330 EG, ID, nx, cmntry (Zilmer 11/24) 1230 SP, new
 freq. //9870, (Willis Australia)
 11980 CHINA R Peking; 0100 SP, to LA, nx (Wood 12/9)
 12047 USSR RM, 0138 EG, "DX Program" (Woltman 11/26)
 12050 USSR RM; 0000 EG, news (Zilmer 11/15)
 12070 USSR RM; 1200 EG, IS, ID, freqs, schedule (Zilmer 11/14)
 12085 KUWAIT RK; 1800-2100 EG, mx, "At Your Request" px (3-reporters)
 15050 CHINA R Peking; 0046-0055* SP, ID, cmntry, CHmx (Valko 11/9)
 15070 UK BBCWS; 1430-1649 EG, nx, mx, var. pxs (3-reporters)
 15060 CHINA R Peking; 0000-0250 EG, nx, var. pxs on CH (4-reporters)
 15095 CHINA R Peking; 0305 CH, tk by YL (Prath 11/7)
 15100 USSR R Kiev, Vilnius, Vladivostok *2259, 0050-0100, 2310-2320 EG to NAM
 IS, ID, Freq. sch. nx, cmntry (Earhart 10/30, 11/20, Marker 12/2)
 15105 GRENADA RG; 2044, 2120 EG, "Birthday Greetings" (Greenes 11/13, 22)
 15105 JAPAN RJ; *0400 EG, ID, mx, very poor (Schmidt 11/22)
 15110 USA WYFR; 1715 EG, Bible Reading (Swanson 11/25)
 15115 ECUADOR HCJB; 0030 EG, Hcjb now has two simultaneous different pxs to
 NAM. Maybe they have too many wanting to buy airtime. This was annt.
 as // freq., it was, but different px. (Hauser-Ok)
 15120 POLAND PR; 0300 EG, nx, cmntry Good (Prath 11/7)
 15125 ECUADOR HCJB; 0113 EG, "Weekend Party Line" (Mears 11/11)
 15135 PHILIPPINES R Veritas Asia; 0329 EG/Lang, ID, freq. into Lang (Clark)
 15140 CHILE VOC; 2330-2359* EG, IS, cmntry, no ads, (Brooks, Maxfield)
 0109-0130* EG, cmntry on Chile, (not on sched.) (Earhart 11/20)
 15145 USA WINB; 0100-0300 EG, ID, "Fine Arts Px.", "The Gospel Hour", class
 mx, (4-reporters) 0102- off to late start & played wrong tape. (Hauser)
 15155 FRANCE RFI; 0742 FR, Men in discussion (Alvi 11/11)
 15155 MOROCCO RTWM; 2216 AR, L class mx w/ chants (Alvi 11/12)
 15160 MEXICO LV de la America Latina; 2018-2040 SP, LAmx, tk, (McCants)
 15165 DENMARK RD; 1259-1305, 1700-1755 DN, EGID into DNPx (Clifford, Maxfield)
 15170 E GERMANY RFI; 1800 EG, nx, freq. & time sch. AF ser. (Zilmer 11/20)
 15170 SOCIETY ISL. R Tahiti; 0100-0130, 0350-0410, 2400 FR/TT, very nice
 French, Tahitian, & american mx (4-reporters)
 15175 CHILE VOC; 2342-2352 EG, tk abt Internacional Fair, (Earhart 10/30)
 15180 USSR RM; 2330-0230 EG, usual pxs (5-reporters)
 15185 PHILIPPINES VOA; 0243-0305 EG, mx, nx, tk, (Goss 11/12)
 15185 USA WINB; 2115-2245* EG, ID, freq., "Mailcall" ELmx, (Fraser, Wood)
 15185 USSR RWMS; 0730 EG, nz into RS folk mx, (Gavarras 12/3)
 15190 BRAZIL R Inconfidencia; 2330 PT, Dance mx, IDs, Ads (Hoffman 11/19)
 15190 CONGO RTC; ??, Not heard for months, Willis-Australia)
 15210 FINLAND RF; 1314-1459 EG, ID, nx, mx, "World of Radio", Fresh Air",
 QRM-15215 (G Hauser suggested they move up to 17735) (?-reporters)

- 15220nfs AFRICA RSA; *0150-0250*, 0600-0620 EG, usual programing, moved here to avoid QRM from Algeria (ooth were on 15155)(6-reporters)
- 15225 TAIWAN BBC; 0100 CH, CH home service relay, CH mx (Wood 12/12)
- 15225 TUNISIA RPTV; 0750,2215 AR, N African type mx, (Alvi 11/11,12)
- 15235 USA VOA, 2130 EG/PL, IS, ID, into PL px (Greenes 11/10)
- 15235 UNID ? 0545-0605 EG/ Palinstinian, very difficult to copy, men tking numbers heard, hvy m/East accent, (Any Ideas ? Alvi 11/1)
- 15260 CANADA RCI; 1805 EG, Both DC Digests cond. into one (Higgins 11/26)
- 15260 AUSTRALIA ABC; 0410-0428 EG, Wnx, mx (Earhart 11/23)
- 15265 FINLAND RF; 1458 EG, s/off //15210 (Wood 12/3)
- 15265 USSR RM; 0145 EG, "Round & About The USSR" (Williams 12/6)
- 15270 JAPAN RJ, 2345-0021 EG, nx, mx, "Hello America", current affairs(5-Rep)
- 15280 NEW ZEALAND RNZ; 0358-0503 EG, nx, mx, "Roundabout" (6-reporters)
- 15280 USA KGEI; 0036-0129 SP, ID, nx, SPmx, Rel. mx (Whitaker, McCants)
- 15295 ECUADOR HCJB; 0445 SP, Vocal & orch. mx, Rel. tk (Earhart 11/5,23)
- 15295 MALAYSIA VOM; 0816-0855 EG, pop mx, cmntry //6175,9750 (Osterman)
- 15330 CHINA R Peking; SP, s/on to LAM, nx, (Wood 12/12)
- 15310 GUINEA R National; 1725- 2320 FR, ID, mx, children singing (4-rep.)
- 15325 UGANDA UBC; 0300-0424 EG, nx, mx, cmntry, spkrs w/ poor accent(5-Rep)
- 15334a COLOMBIA R Nacional; 2130-0300 SP, ID, chimes, tk, piano mx (3-Rep)
- 15340 PORTUGAL RP; 1930 PT, nx, lively PT mx (Hayes 11/24)
- 15345 GREECE VOG; 1800 GK s/on, EGnx to S Africa (Wood 11/24)
- 15385 MEXICO RM; 2200-0035 SP, ID, SPmx, "Melodias Mexicanas" (3-reporters)
- 15400 USA VOA; 1621-1640 EG, "Jazz Hour" (Mears 11/25)
- 15405 SEYCHELLES FEBA; 0308 PS,IS, ID, pleasant mx, (Blumberg 11/21)
- 15410 USA UN Radio; 1831-1843* EG/FR/PT, ID, nx in 3 langs (Schmidt 11/13)
- 15415 NETHERLANDS RN; 2330 EG/ SP, Latin Disco, "happy Station" (Mears)
- 15425 SRI LANKA SLBC; 0110-0341 EG, ID, Rel. px, Birth. req. mx (3-Rep.)
- 15425 TAIWAN VOCP; 0000-0200 EG/CH, IS, ID, "Music in Taiwan", "Letters" Usmx, "Cultural Panorama" //15345 (9-Reporters)
- 15435 TANZANIA RT;1600 EG/SH, Heard at very good level. (Willis-Australia)
- 15440 USA WYFR; 161501620 EG, "Open Forum" (Mears 11/25, Swanson 11/25)
- 15440 USSR RM; 0140 EG, Tk abt new railroad construction in USSR. (Chinakos)
- 15455 USSR RMWS; 2230 EG, ID, Freqs. for EU, nx, mx px, (Alvi 11/12)
- 15465 CHINA R Peking; 0200-0300 EG, mx, Political tk (Pieper 11/16)
- 15495 USSR RMWS; 1300 EG, //15135,15525, adds 15150 at 1330 (Brooks 11/18)
- 15515nfs PAKISTAN RP; 1400-1430* Lang, ID, mx, tk, Nat. Anthem at s/off, back on at 1442 w/ IS, ID, in lang. //17640 (Zilmer 11/20)
- 15520 CHINA R Peking; *0000-0150 EG, cmntry on CH Architecture, "Across The Land", CH Composer & his Mx, CH lang. lesson (4-Reporters)
- 16105 UK BBC; 0700 EG, nx, tk on Ghana, very good (Gunnun 11/10)
- 17640 PAKISTAN RP; 1400-1430* Lang, ID, tk, nx, Nat. Anthem (Zilmer 11/20)
- 17674a CHINA R Peking; 0000 EG, mx, tk abt Hanoi (Woltman 11/24)
- 17680 CHINA R Peking; 0135-0155* EG, "Music From China", "Listeners Letterbox", Wnx & cmntry (Brouillette, Bryan, Fraser, Whitaker)
- 17715 NORWAY RN; *1559-1630* EG, nx, Viking Hist., Lapland px (Maxfield)
- 17720 USSR RM; 0037 EG, cmntry on racism in Rhodesia (Bryan 11/20)
- 17740 PHILIPPINES VOA; 0340 EG, "Breakfast Show" (Gunnun 10/31, Bryan 11/13)
- 17750 W GERMANY R Liberty; 1700 RS, ID, nx, tk (Prath 12/2)
- 17755 JAPAN RJ; 0205+ EG, news (Woltman 11/11, Gunnun 11/4)
- 17760 CANADA RCI; 1800-1825 EG, nx, "DX Digest", tk on High Freq. Noise, Science px on "Bats" (Grant 12/3)
- 17780 S AFRICA RSA; 2000 FR, EGID, s/on into FRpx (Prath 11/18)
- 17790 PHILIPPINES VOA; 0124 EG, ID, "American Press Px" (Bryan 11/13)
- 17795 AUSTRALIA RA; 012800350 EG, nx, interview, mx, (4-Reporters)
- 17800 CHILE VOC; 0130-0300* EG, ID, IS, px sch., cmntry on Chilean economy & construction, (some pxs in SP & FR) (5-Reporters)
- 17810 NETH ANTILLES RN; 2048 EG, "Newsline", "DX Jukebox" (Greenes 11/9)
- 17810 PHILIPPINES FEBA; 0046-0257 EG, Rel. pxs, //15395,21515 (3-Reporters)
- 17815 BRAZIL R Cultura; 0040 PT, EG lang. lesson (Hoffman 11/15)
- 17820 CANADA RCI; 1645-1700 EG, ID, Wnx, sports, cmntry on Uganda (Hoffman)
- 17825 JAPAN RJ; *2345-0045 EG, ID, IS, nx, Weekly News Review, "Tokyo Calling", Press Roundup, "Musictime" (6-Reporters)
- 17830 ASCENSION ISL VOA; 1256-1315 FR, nx, tk (Goss 11/26)
- 17835 JAPAN RJ; 0148 EG, "Hello America" (Swanson 12/2)
- 17840 NORWAY RN; *1400-1430* EG, "News & Views", NO Features (Fraser, Maxfield)
- 17845 USA WYFR; 1800-1900 EG, Rel. pxs (Pieper 11/14)
- 17855 GUAM KTWR; 0020-0046 EG, Rel. pxs (Berezowski 11/5)
- 17860 CHINA R Peking; 0105 EG, nx, cmntry (Swanson 12/2)
- 17860 NEW ZEALAND RNZ; 0409 EG, very poor (Whitaker 10/13)

17870 AUSTRALIA RA; 0209 EG, Wnx-Pres. Carter & Mid-East Peace (Bryan)
 17870 LIBERIA VOA; 1716,2250,0030 EG, nx, cmntry, "Breakfast Show" (3-Rep)
 17870 USSR R Vilnius; 2327 EG, End of EG px into Lang at 2330 (Marker)
 17880 JAPAN RJ; 0200-0230 EG, nx, cmntry, SP at 0230 //17825(Bryan,Schmidt)
 17880 PORTUGAL RP; 1800-1830 EG, PTnx, Press Review, Ptmx (Clifford 11/18)
 17885 ASCENSION ISL BBC; 1722 EG, cmntry on Zambian farmers (Bryan 11/13)
 17890 ECUADOR HGB; 1405 EG, "Morning In The Mountains" (Swanson 12/4)
 17890 TAIWAN VOPC; 0129-0350* EG, ID, CHnx, mx, (Clifford,Kissane,Schmidt)
 17900 VATICAN SPATE VR; 1700-1710 EG, Tk on feeding of babies.(Hoffman)
 21465 EGYPT R Cairo; 1330 AR, AR-nx & mx, (Brooks 12/2)
 21470 UK BBC; 1305-1315 EG, nx, "24 Hours" (diff. pxs on // freqs)(Fraser)
 21475 BELGIUM ORU/BRT; 1255-1305 DT, ID, popmx, "Talking Drum" (Fraser)
 21480 MADAGASCAR R Nederland; 1450 EG, "DX Jukebox" Benner 11/23)
 21505 SAUDI ARABIA BSKSA; 1425 AR, ID, mx, QRM R Sweden, (Brooks 11/25)
 21505 SWEDEN RS; *1400-1430* EG, ID, IS, "Panorama", Dkpx, (4-Reporters)
 21530 AUSTRIA DRF; *1230-1300* EG, ID, nx, mx, "Weekend Review", "Report From Austria", (Only good time & freq.-Hayes) (6-Reporters)
 21530 USSR RMWS; 1200-1230 EG, "People & the World" (Fraser 11/11)
 21535 S AFRICA RSA, 1430-1450 EG, "Saturday Special; Soccer Game,mx, QRM Asked EU listeners to send in reception repts.(3- Reporters)
 21540 E GERMANY RBI; 1420 EG, Political tk, QRM DW-Kigali (Prath 11/19)
 21550 UK BBC; 1726 EG, cmntry on Zambia, Rhodesia (Bryan 11/13)
 21570 SWITZERLAND SRI; 1530-1600 EG, nx, cmntry, "Dateline" (3-Reporters)
 21575 USSR RSP&P; 1310 EG, nx, cmntry, Political tk (Prath 12/3)
 21580 FRANCE RFI; *1701-1753* EG, "Paris Calling Africa" (4-Reporters)
 21600 W GERMANY DW; 1243-1245 EG, DW's African Service (Whitaker 9/22)
 21610 USA VOA; 2339-0000* EG, "Breakfast Show", "Science Digest" (Higgins)
 21630 SWITZERLAND SRI; *1310-1344* EG, "Dateline", "Jazz Panorama" (5-Rep)
 1545-1600 EG, "Talkback", tk abt Swiss Newspapers (Mears 11/18)
 21640 JAPAN RJ; 0153-0230 EG, ID, rx,mx,"Tokyo Calling" (Kissane, Whitaker)
 21640 NETHERLANDS RN; 2054-2120* EG, ID, nx, mx, "Afro Scene" (Kissane)
 21645 FRANCE RFI; 1700-1715 EG, "Paris Calling Africa" (Mears 11/18)
 21670 PHILIPPINES VOA; 0102 EG, nx, cmntry (Bryan 11/13)
 21680 AUSTRALIA RA; 0055-0125 EG/FR, ID, freq ck, nx (Bryan, Brouillette)
 21685 NETHERLANDS RN; *1730-1745 DT, IS, ID, Wnx, cmntry (Jordan 11/11)
 21700 SWEDEN RS; 1400-1420 EG, IS, ID, "Letterbox", "Panorama"cmntry on Swedish Teachers on strike (Hoffman 11/23, Prath 11/12)
 21710 UK BBCWS; 1430-1599, 1600-1615 EG, Wnx, cmntry (Fraser 11/5, Mears)
 21720 W GERMANY RFE; 1310 Slovak, EGID, Welcoming those in CZ. (Prath 11/12 1340-1355 GM, US-pop, rock, disco mx (Jordan 12/7)
 21730 NORWAY RN; 1310 NP, tk (Woltman 11/8); 1600 EG, "Norway This Week" "Viking Edge", Travelog (Brooks 12/3)
 21740 AUSTRALIA RA; 0108 EG, nx of Uganda (Bryan 11/13); 0207-0301 EG, IS, ID, Wnx, pop mx, //21680 (Kissane 11/26)
 25605 ISRAEL IBA; *1200-1230* EG, nx, cmntry (Fraser 11/24)
 25620 FRANCE RFI; 1315- 1400* (?), off in Nov., back 12/1 (Hauser)
 25990 USA VOA; 2210 EG, news (Blumberg 11/18)
 26040 USA VOA; 1730 EG, "Africana", pop mx (Higgins 11/23)
 26095 USA VOA; 2110-2120 EG, W news (Brouillette 11/23)

More of Hauser's harmonics. Some were heard in Tennessee & some in Oklahoma.

23620 ANTIGUA DW; 1317 GM, 2x11810 (11/14)
 23850 PORTUGAL (?) 1318 PT, 2x11925-likely RDP (11/14)
 23960 CANADA BBCWS; 1320 EG, Don't hear 4th. harmonics from Sackville that much, tho 2nds are common from the 50 KW xmtrs. 4x5990 (11/14)
 24330 PERU R Nac; 1309 SP, Only station on band, 4x 6082.5 (11/14)
 24780 ANTIGUA BBCWS; 1315 EG, Good carrier but distorted audio. 4x6195
 30280 USA VOA; 2057 EG, Possible Greenville but had off-air-relay sound. Also heard on 15140 (11/24)
 30440 SPAIN REE; 1300 SP, Only station on band. 2x15220 (11/9)
 30474 COLOMBIA Lvdc Centro; 1505 (?), ID, ads, 5x6094.8 (11/24)
 30520 ASCENSION BBCWS; 2305 EG, news, 2x15260 (11/24)
 30630 PORTUGAL RCI via Sines; 1435 RS, off-air-relay 2x(inaudible)15315
 41250 FRANCE TF-1 TV Audio; 1503 FR, "TF" ID,IS, Action Dr-ma, Sports, No BBC-! (41500) heard this day. (11/19)

The numbers of loggings continues to drop but the quality is still there. Quite a few different ones this month.

Thanks to those off you who sent Christmas cards. They were very much appreciated.

"HAPPY NEW YEAR"

Bob

PUBLISHER'S PAGE



THE COVER

This month's cover was again designed by Wesley Thompson of Huntingdon Valley, PA. A good illustration of what can be accomplished when you know how to do it.

HELPING HAND: For sale. DX-160 with speaker in immaculate condition and only four months old. Original carton and manual included. Price \$125.00. Contact: John Vogelmann, 143 Ashford Avenue, Tonawanda, NY 14150. Phone: (716) 833-5762.

HELPING HAND: For sale. Hammarlund HQ-180A. Includes built-in 24 hr. clock, manual, speaker and calibration charts. Excellent condition. Purchased new in 1971. Price \$260.00 plus shipping. Tony Dubrick, 1611 W. Gift, Peoria, IL 61604. Phone: (309) 685-7210.

HELPING HAND: For sale. Kenwood R-300 (Serial No. 550168). Used on a very limited basis. Mint condition. Price \$180.00 or best offer. Buyer must pay UPS postage, if necessary. Russ Boltwood, 560 Elysian Fields Drive, Oakland, CA 94605. Phone (415) 562-3086 between 0200-0500 GMT.

HELPING HAND: Wanted to buy. Used FRG-7, Gilfer modified, in excellent condition, for about \$185.00. I will pay shipping. Will pay extra for accessories. Thomas B. Kirkpatrick, Jr., 430 S. Elmwood Avenue, Oak Park, IL 60302. Phone: (312) 524-1010 (leave message).

HELPING HAND: For sale. Hammarlund HQ-100AC in excellent condition. This is a solid general coverage receiver with a built-in Q Multiplier and highly accurate 24 hr. clock. \$115.00 or best offer. Contact: Stephen E. Pitts, 1987 Mockingbird Drive S., Salem, OR 97302.

HELPING HAND: Wanted. Hammarlund HQ-180A or Drake SPR-4. Must be in good condition. Contact: Stephen E. Pitts, 1987 Mockingbird Drive S., Salem, OR 97302.

HELPING HAND: For sale. National HRO-500 in very good condition with manual. Price \$800.00. Drake SPR-4 w/crystals, Noise Blanker, calibrator and Gilfer modified AM sel. of 1.2, 2.4 and 4.8 kHz. As new, \$625. FS-4 synthesizer, as new, \$240.00. All prices include shipping and manuals. Bill Whitacre, 2609 Devonshire, Lansing, MI 48910. Phone: (517) 482-7996.

HELPING HAND: Notice. Fifty cents in coin or stamps will bring a sample copy of the San Diego DXer's Club Bulletin. 1826 Cypress, San Diego, CA 92154.

HELPING HAND: For sale. Knight/Span Master 4-band receiver in excellent condition. Also a Hallicrafters S-120 receiver in excellent condition and a Regency Low Band Scanner with 5 crystals. Also have a one-channel emergency Tenna CB Radio with special antenna. Make an offer. I am looking for a Hammarlund HQ-100 in trade for some of the above, or a National NC-109. Richard D. Swanson, P.O. Box 349, Wellman, IA 52356.

HELPING HAND: Wanted. Circuit diagram and Owner's Manual for a Hammarlund Super-Pro receiver or information on where they can be obtained. Please write to Robert W. Desrosiers, 259 Baird Street, Fall River, MA 02721.

HELPING HAND: For sale. Barlow Wadley XCR-30 Mark 2 receiver modified to feature a 100 kHz crystal calibrator and an attenuator control. In good condition with manual. Price \$85 ppd. Contact: Edward Pyatt, Apt. 202-West, 1200 Columbia Avenue, Philadelphia, PA 19122.

HELPING HAND: Notice. Will trade Barlow Wadley XCR-30 Mark 2 in excellent condition with original carton and manual for Hammarlund HQ-180A in similar condition. Alan Plotnick, 77 Woodlawn Street, Hamden, CT 06517

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