

**COORDINATED MONITORING EVENT
NASWA ACKNOWLEDGES**

C PARTICIPATION IN A COORDINATED MONITORING EVENT DURING
M THE TIME PERIOD _____ COVERING
A THE FREQUENCY RANGE _____ KHZ AND HAVING LOGGED
 _____ STATIONS DURING THAT PERIOD.

 COMPETITION CHAIRMAN

NORTH AMERICAN SHORTWAVE ASSOCIATION

X D N E R F

**N^{AS}
W A**

APRIL 1976

P.O. Box 13
 Liberty IN 47353

North American SW Association

Loudenboomer



report

I recently attended one of those regional DX meetings. You know, where they play a sort of DX "Can You Top This?", play tapes of new interval signals for you to guess at and award prizes like one month subscriptions to Tacky DX News and like that.

Anyway, at the meeting, I had a senior citizen come up to me. He explained that he had done quite a bit of DXing back in the 30's, but then had gotten out of the hobby. Now he was just getting back in. But reading the bulletins of today, he found himself with a tremendous information gap to overcome and a heck of a lot of learning to do. He was amazed at how much things had changed and noted that he found the whole thing a bit frightening!

"Not to worry," I told him. And I promised to devote my next column to bringing him, and any others in the same fix, up to date. So I've picked out a few of the technical terms and abbreviations which my new friend mentioned, and now explain them.

A index: A number given once per hour on WWV which indicates the current value of Radio Vila stock.

k value: Also given once per hour on WWV. It indicates current temperature of the "gh" region of the upper Bennett layer of the troposphere.

Solar flux: A special compound used for cleaning film and other dirt off receiver dials and antenna insulators.

Intruder (usually INTRUDER!) Someone who breaks into your shack attempting to steal your VOA schedule or other valuable.

Parallel (//) Two receivers connected to two antennas, tuned to two different frequencies at two different times receiving two different programs from two different stations via the same path.

Harmonic (h): Music, well sung or played.

tentative (t): A possible logging; at least the frequency was correct--or close

v/s: more than a tentative. "very sure."

Feeder: A tray on which food is brought to a DXer busily tuning his rig.

Exulted carrier: A special transmission technique used by HCJB, ELWA, HRVC and so on.

BBCMS: Group of women's libbers active in British broadcasting.

UNID: "This is the United Nations Radio."

EE, SS, II, GG, etc.: Depending on the occasion, various sounds of delight or dismay uttered by the DXer. "EE" being an expression of great joy. Most effective as combinations, "IIEE" being a sound of distinct suffering for example.

BFO: An abbreviation used to indicate that reception on a station or band was lost, i.e. "The bottom fell out."

THFBBS: Twantinsuyo's High Frequency Broadcasting Station.

PPC: Phased pitch control. Found only in expensive, marine-type receivers, this device prevents the rx from tipping over during rough seas.

RPFDK: Rwanda People's DX Klub

SCADS, CADS, BADS, MADs etc: Various illnesses and diseases common to the DXer, as in "I've got the SCADS."

Illegal: Operating a short wave receiver without having a WFX call designation.

NASWA

A REPORT FROM
HEADQUARTERS

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.
APRIL, 1976

A FEW WORDS ABOUT THE WORK: Please, no more letters about the missing Log Report sections or the quality of some of the printing in FRENEX.....the people responsible for getting FRENEX out month after month are aware of the situation and are making every effort to improve those areas as well as others.

The editors and other people responsible for FRENEX all volunteer their time, (which in most cases is considerable), and talents to a common effort. Being non-professional, there are bound to be times when unforeseen situations arise that keep things from always going according to plan. Unfortunately we do not have a long list of people standing by to take over for a change in personnel on short notice, so we have to make out the best we can with those available until someone willing to take over can be found.

Within the 1,000+ membership of NASWA, there are probably some very well qualified people that would be willing to assume some sort of position on the FRENEX staff and may just be waiting to be asked. If there are, please step forward and be identified! People doing the work now cannot be expected to continue forever, so even though we may have a full staff at the moment, this could change the next time we open the morning's mail. Often people say they are willing to help, but we must know in what areas their particular expertise would fit best.

Headquarters will be happy to correspond with anyone who would be interested in considering working on the FRENEX staff in some capacity. Be sure to state what areas you would be best qualified, and tell us a little about your qualifications.

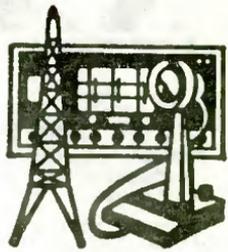
U.K. REPRESENTATIVE: We are pleased to announce that Alan Thompson, 16 Ena Avenue, Neath, West Glamorgan will be representing NASWA in Great Britain. Alan, by profession, is a Senior Executive in Government Service and is a well known European DX personality through his involvement in European DX radio programs, a DX club organizer, and as the author of numerous articles relating to the hobby.

We hope to gain many new members for NASWA in the U.K. through our Representative. We do have a few presently, however many prospective members in England do not feel they can afford the high cost of obtaining International money orders to pay for membership. Through our Representative it will be possible for them to obtain membership using local currency and spread the cost of money orders over several memberships. In addition to handling memberships, Alan will be giving NASWA publicity in England, and he promises to be a contributor to FRENEX. We appreciate NASWA member Don Jensen for putting us in touch with Alan Thompson.

SCOREBOARD TO RETURN: Neal Perdue, who has been compiling the Scoreboard stastics is unable to continue and has asked to be relieved. We are pleased to announce that Myron Smith, 36 Ogden Center Road, Spencerport, NY 14559 will be taking over and Scoreboard will most likely appear in the June issue. Neal has advised he will turn over to HQ all correspondence and other matters in his possession relating to Scoreboard, and if anyone wishes to update his totals for the next Scoreboard listing, send them to Myron Smith now.

NEW MEMBER COMMENT: Here are a few of the comments made by some of our new members. BERNARD J. DODGE, Syracuse, NY. Graduate student. "I lived in Africa for 2 years and intend to keep in touch with what's happening thru SWL. Looked at several club bulletins; yours is by far the most informative".....JOYCE BROWN, Florence, AL. Supermarket worker. "Enjoy listening - a good way to relax".....RON C. BOYD, Winnipeg, Man., Canada. Stationary Engineer. "I sure enjoyed your sample FRENEX journal that I received from you".....LAWRENCE J. GUTTER, Glencoe, IL. Advertising executive. "Old hobbies die hard - started at age 13 - interest flares up every 10 or 12 years like the sun spot cycle".....B. Gen. R.S. MACRUM, Acton, ME. Retired USAF. "Have been just a dial spinner. Would like to become a real DXer".....PETER R. BUNN, Highett, Vic., Australia. "Bob Padula has suggested to me that, as a section editor for ARDXC, I would find your magazine an invaluable source of information and general DX news".....EUNICE POLLARD, Warwick, RI. Factory worker. "I am just a novice listener but have learned so much and received personal happiness in shortwave friendliness. I am overwhelmed, I love it deeply. Looking forward to being a member".....EMERY GEARHART, Springfield, OH. Retired toolmaker. "Your 'DXing According to NASWA' is a very good book for the beginner as well as one who has had some experience in shortwave reception"

Shortwave Center



•Editor: Jerry Lineback
Box 325, St. Joseph, IL. 61873

**APRIL
76**

Hello and welcome to another month of SWC. We thank all our contributors and announce that we solicit short articles and notes on any subject of interest to shortwave broadcast listeners and DXers. Articles on shortwave broadcast stations, receiver reviews, items about equipment, techniques, experiences, radio wave propagation, books, and other appropriate subjects welcome. Send all material to the editor at the above address. Timely material should be here by the 10th to insure inclusion in the next SWC.

The Solar Encabulator

Work has been progressing for some years on a means to mutilate the ionic propagation characteristics of radio waves on the shortwave bands so as to provide static free reception regardless of any outside interference. Such a device is known as the solar encabulator. The direct purpose of the solar encabulator is to employ solar power to affect the complete grammeter reversal of the hydromolecular ambient helioatoms that are an integral function of the reverse potential genesis with respect to the ionospheric senses. It has long been recognized in theory that if this could be accomplished then resonant antennas in the low frequency ranges would become pocket sized. This means that a broadband resonant antenna for any frequency, 0-10,000 MHz, would be no longer than a straight pin. This is now possible by connecting an ordinary straight pin, mounted on a window sill, to the solar encabulator which in turn is connected directly to the antenna terminal of a receiver. Match boxes, antenna tuners, baluns, etc., are not obsolete. The real beauty of the solar encabulator is that it can be used for transmissions also. This is because it provides absolute resonance, minimal SWR, over the entire frequency spectrum. How does it do this? All radio frequency waves, when entering the solar encabulator, immediately meet a resistance that is inversely proportional to the capacitance. The molecular grammeters are immediately screened for static peaks and the helioatoms are reduced to ambient pressure. If the encabulator is kept dry, then resonant frequencies are passed on to the load. If, however, coffee or cola (or any liquid containing sugar) should be spilled into the unit itself, then disastrous results can occur. First of all, a gummy mass results as the sugar is transformed by superheated solar energy. The resultant gummy mas multiplies in volume due to the direct multiplication of the neutrons and protons caused by the zenier copulation of the atomic base structure. Soon the gummy mas (now a gummy mess) takes over every room in the house and eventually every house in the neighborhood. Secondly, the reverse hydromolecular ambient helioatoms causes a disastrous metamorphis to take place on the chocolate which is present in most colas. An odor is caused that is unbearable. Due to the fact that shortwave listeners will not relinquish their coffee and cola drinking habits, the solar encabulator is impractical for use until further research and development can be done to render the unit waterproof and still provide for maximum ventilation for the encabulator transistors (that become very hot during operation). Additional information concerning future development of the solar encabulator can be obtained directly from the patent holder Mr. Hugh Vandegrift, Aircraft Division, USAMMAE, APO New York 09052, and not from your SWC editor. I trust everyone had a happy April Fools day too.

We wish to remind everyone considering the preparation of long articles on shortwave subjects that they should consider the NASWA Special Publications Series outlined in the lead article of the March FRENCH.

The 16 page booklet NASWA RADIO COUNTRY LIST AND AWARDS PROGRAM is available from your SWC editor for a business sized SASE with one stamp on it. Or 1 IRC to the Americas or 2 IRCs elsewhere.

A BROADCASTING ANALYSIS

AFRICA

Guiding a pointed finger down the NASWA list of radio countries, we may count some 233 countries which are or were possible to accrue. Of course, we all know that some of these "countries" are no longer on the air, and therefore are no longer possible for less experienced DXers. Just how many, then, are possible? The list changes nearly weekly with the constant upheavals on the political scene. This article will attempt to guide NASWA members in determining what is still available to them, with comments and tips to aid them in logging these countries.

After some deliberation, I decided to make an arbitrary determination of what is reasonably available on a regular basis, and will not include any notations about those particular stations. No doubt there will be some who feel I am too difficult, and others who feel I'm too easy. However, since the majority of our club members own receivers of relatively good performance, I will try to estimate what should be available to a DX-160 class receiver - about midway between the portables and the classics.

Depending on how successful this first article may be, we will consider a continuing series for covering all continents of the globe. For a starter, let's turn to Africa and examine that continent country-by-country. The map illustrates Africa today, but reflects the names of the countries as we popularly know them.



NOTES: Recent political considerations now merge Sahara with Morocco, but they are shown separately here as NASWA 'countries'. On the west coast of mid-Africa the separate NASWA countries of Fernando Poo Is and Rio Muni are actually the single country of Equatorial Guinea. Cabinda enclave between the Congo and Zaire, formerly part of Angola, is currently in limbo. On the east coast, Zanzibar is actually a department of Tanzania, but is treated as a separate country according to NASWA. Somalia is likewise treated as two separate entities with stations in Hargeisa and Mogadishu. Eritrea is part of Ethiopia at present, but politics may see its liberation again.

BROADCASTING ANALYSIS OF AFRICA - CONT'D

Regular available broadcasts during normal daylight in the U.S. should include the international services of Algeria, Ascension Island (BBC), the Canary Islands (RNE), Egypt, Ethiopia (ETLF), Morocco, Ivory Coast, Liberia (VOA), Madagascar (R. Ned.), South Africa, Tangier (VOA), and now possibly Uganda.

Regular available broadcasts during normal evening hours in the U.S. may include: Zaire, Central African Republic, Congo, Gabon, Togo, Guinea, Mali, Mauritania, Senegal, Ghana, Nigeria, Guinea Bissau, Rwanda (DW), Sierra Leone, and Swaziland (TWR).

No longer available on short wave, or at least not heard recently are: Fernando Poo (reported returned to SWBC recently, but not confirmed yet), Fernando Island, Sao Tome (not heard in a long time), St. Helena (never developed past two sporadic tests in 1973), and Comoro Island (still reported recently from Australia, so still may be there.).

Not likely to be heard from the U.S.A. or Canada: Tristan da Cunha. The hours of broadcasting end much too early. Only the extreme eastern and New England states have the most tenuous chance to log this rarity in the longest evenings of winter, when darkness would just barely cover the distance between the listener and station around sign-off time at 2200 GMT. Keep in mind, though....it's only 40 watts or so!

SPECIAL LIST FOR NORTH AMERICAN
NASWA MEMBERS

The best hint to give country-chasers is when to listen. Unless unusual conditions occur (and they do occasionally) listeners are likely to observe the same consistent patterns of DX week after week. As dusk falls across the eastern states and provinces about 2300 GMT and later in March, listeners will have been enjoying the west African voices of Angola, Chad, Guinea, Togo, and many others. The normal sign-off time is 2300 GMT. The east African states begin to appear from about 0300 GMT...Somalia, Kenya, Tanzania, among others. The west coast listeners in North America can join in on these having missed the closing of stations of west Africa. Dawn occurs about 0200 GMT in March for extreme east Africa. So, when the east Africans begin to sign-on at 0300 they have already been in daylight about an hour and North Americans are likely to log little on low frequencies except perhaps wispy and fading minutes. The best thing now is to try a little higher frequency - up to 41 meters. Only listeners on the east coast may realize any luck at the 0300 hour. West coasters may have to wait as late as 1500 GMT to catch a few minutes of east Africans by long path. In March, however, the entire temperate zone of the northern hemisphere is going to be active with vernal equinox changes in weather....thunderstorms. It'll be a noisy affair trying to DX!! Below is a list which I consider to be your best bets. Good luck, and report your DX.

ALGERIA 0600+ 11810, 7245, 7185	CENTRAL AF. REP. To 2300* on 5038
AFARS & ISSAS 1900+ ECNA 4780	COMORO IS. 1400+ on 7260 WCNA only
ANGOLA 0500+ or to 2300* 7245	CONGO < 0430+ or to 2300* on 4765 or 1700+ on 15190
ASCENSION IS. 0400+ 6005, 7105	EGYPT 9455, 9475 from 0100 past 0500
AZORES to 2300* 4865 ECNA only	ETHIOPIA < R. Ethiopia on 9611 1500+ WCNA ETLF 11775 after 1700 GMT
BENIN To 2300 on 4870 or 0515+	FERNANDO POO To 2300 on 6250. ECNA
BOTSWANA 0400+ 4845	GABON To 2300 on 4777. Easy.
BURUNDI 0300+ 6140	GAMBIA 0630+ on 4820. A good catch!
CAMEROUN to 2300 4972. Rumbos QRM	GHANA After 0500 on 4915
CANARY IS. 2000-0500 11800//15365	GUINEA BISSAU 0600+ or to 2400* 5041
CAPE VERDE IS. 3883 to 2400*	GUINEA 4910 & 7125 most anytime
CHAD < To 2300 Sats 4904.5 on ECNA 1500+ on 7120 for WCNA	IVORY COAST 1830+ on 11920

LOK

BROADCASTING ANALYSIS OF AFRICA - CONT'D

R
RPOOL LOCOR
ROLOC
RPOOL
ORLOC

- KENYA 0300 Mon.Morn. 4915 ECNA
- LESOTHO 4800 at 0400 after Venez.off
- LIBYA 8630 or 6185 after 0300
- LIBERIA 11950 after 0630, to 2100
- MADAGASCAR $\left\{ \begin{array}{l} \text{R-TV on 6135 from 0300} \\ \text{R. Ned. 17810 after 1000} \end{array} \right.$
- MALAWI 3380 after 0300. Difficult.
- MALI After 0600, 4786
- MAURITANIA 0700+ 4850
- MAURITIUS $\left\{ \begin{array}{l} \text{1500+ on 4870 WCNA or} \\ \text{to 1300* on 9710 E/WCNA} \end{array} \right.$
- MOROCCO (FR) 7115 after 0600
- MOROCCO (SP) Unavailable
- MOZAMBIQUE 11780, 0500+ or to 1900
- NIGER 0530+ on 5020
- NIGERIA To 1930, 15120; 4990, 0430+
- NIGERIA (BIAPRA) 0500 6025 or 7235
- RIO MUNI to 2200* on 4926
- REUNION Now off short wave
- RHODESIA 0400+ on 3396 or 6020
- * SAHARA $\left\{ \begin{array}{l} \text{Try 7230, 11805, 11950, 4627} \\ \text{after 0800 or before 2100} \end{array} \right.$
- SAO TOME 4807 to 2230* Maybe gone.
- SENEGAL 0600+ on 7210
- SEYCHELLES $\left\{ \begin{array}{l} \text{Try after 1530 on 15325,} \\ \text{11865 or 11855} \end{array} \right.$
- SIERRA LEONE 0600+ on 3316, or 0800+
on 5980
- SOMALIA (BR) Hargeisa listed 11660
unreliably rpted in USA
- SOMALIA (IT) Mogadishu 7120 at 0300+
for ECNA or 1500+ WCNA
- SOUTH AFRICA 11900 daily
Springbok 0300+ 3980//4810
- ST. HELENA IS. Not available
- SUDAN 5039 after 0400
- SWAZILAND 0400+ on 6155
0500+ on 4980
- TANGIER $\left\{ \begin{array}{l} \text{VOA after 0130 GMT} \\ \text{7115, 7265, 7190, 9715} \end{array} \right.$
- TANZANIA 0330+ on 6105.
- TOGO To 2300 on 5047 or 0530+
- TRISTAN DA CUNHA Ha Ha
- TUNISIA Try 11970, 6195 after 0430
- UPPER VOLTA 0600+ 4815
- *RWANDA (DW) 0330+ on 7225, 9565

- UGANDA To 2100* on 9730. Also 9515
- ZAIRE 15245 throughout daytime USA
- ZAMBIA 4911 after 0400
- ZANZIBAR 3339 after 0230 ECNA

So, there you have them...64 countries possible. You never can tell when the shifting political climate will bring one of the defunct stations back into existence. That's the beauty of the NASWA Country List...the old timer who already has the country verified can only count it the one time.

Any particular questions that members may have on this article are welcomed to drop me a line:

Edward C. Shaw
507 Lafayette Avenue
Lexington, KY 40502

DX ANAGRAM ^{ED SHAW}

This isn't supposed to be difficult, just fun. Try rearranging the jumbled letters to come up with a familiar word appropriate in our hobby. Then when you have those answers, unscramble the circled letters to give you a key to the clue.

- THE M GRAZE
- ES KARPE
- WENCHGIER
- FIPMAILER
- STAR MINT
- C R O O L

Most vital factor under the sun permitting hours of DXing fun!

EDDY STARTZ



1899 - 1976

DAILY RADIO NEWS BROADCASTS IN ENGLISH

Radio Tahiti, in cooperation with the Tahiti Bulletin, is happy to inform visitors in French Polynesia's hotels that a world news summary in English is broadcast Monday thru Saturday at 9 AM. Hotels Holiday Inn, Maeva Beach, Tahara'a and Travelodge in Tahiti and Moana in Moorea have pretuned radios in each room. Reception desks in other hotels can advise clients where this broadcast may be heard.

RADIO TAHITI

by Lloyd Jay Kantor
Mount Vernon, NY

Radio broadcasting began in Tahiti in 1931 in the form of an amateur station set up by a private radio club calling itself "Radio Club-Oceanic". After the outbreak of World War II, the station was used for military purposes by the French Government.

The first true radio station went into operation in 1951, and by 1952 the station was broadcasting 4 hours of programming a day on medium wave. Later on, the first shortwave transmitters were installed, and Radio Tahiti began broadcasting with 4 kW on 11825 kHz and 6135 kHz. In 1959, Radio Tahiti was taken over by Radiodiffusion-Télévision Française (later called ORTF). The operation of the station was upgraded. By 1968 there were about 40,000 radios in use in French Polynesia, reaching most of the population of 100,000. In 1969, new transmitters were installed by ORTF, and the power was increased. With the reorganization of the entire ORTF System in early 1975, the full name of Radio Tahiti became: Société Nationale de Programmes-France Régions Trois/ Radio-Tele-Tahiti.

Radio Tahiti broadcasts a wide variety of programs. Each day at 5:30 p.m. local time, messages are broadcast in Tahitian for people living on out islands. Monday through Saturday at 9:00 p.m. local time (1900 GMT) an English News Bulletin is broadcast. Mr. Al Prince, an American, handles this only English broadcast from Radio Tahiti. Mr. Prince is the Associate Editor of the English newspaper published 5 days a week in Papeete, "The Tahiti Bulletin". At other times of the broadcast day, Radio Tahiti carries music, drama, news (in French and Tahitian) and other programs of interest to the people of French Polynesia.

It should be mentioned also that there is television in French Polynesia. ORTF began its television operation in 1965, and by the end of 1973 there were over 10,000 TV sets in use. TV antennas can be seen on even the smallest houses on both the island of Tahiti, and its sister island Moorea. There are several TV Guide type magazines published in Tahiti, giving highlights of the approximately 5 hours of daily telecasts.

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USSR

RADIO MOSCOW TRANSMITTER SITES - REPORT 2 by Roger Legge

Since my previous article on Radio Moscow transmitter sites (Dec. 1975 SWC), additional monitoring and particularly site calculations from Olle Alm of Sweden and Bill Davis of California have considerably clarified the site situation.

The transmitter on 5915, which carries Spanish to Cuba/CA at 2330-0430, has been observed to transmit Radio Sofia Spanish at 0430-0500, thus tying this transmitter down as a Bulgarian site.

The Radio Moscow NA service transmitter on 7115 sometimes has feed problems, as does 5915, and the programs on these frequencies have been interchanged on at least 2 nights this winter, so the 7115 transmitter appears to be at the same site as 5915. These are believed to be the 500 kw transmitters recently completed at Plovdiv, Bulgaria.

All the European transmitters on the NA service appear propagationally to be at south European locations, so the Radio Moscow designation of 7105, 7150, 7355 as being respectively at Orsha, Sverdlovsk, and Moscow, looks questionable. Olle Alm calculates 7105 to be at Sofia. This is the transmitter which Radio Moscow lists as Orsha (Byelorussian SSR) on 7105 (winter) and 9655 (spring), and as Kaunas (Lithuanian SSR) on 11870 (summer). The sites for the NA service European transmitters, according to Olle, are as follows: (R. Moscow designation in brackets): 7105 Sofia (Orsha), 7115 Plovdiv, Bulgaria (Ivanofrankovsk), 7150 Simferopol (Sverdlovsk), 7165 Nikolayev (Vinnitsa), 7205 Simferopol (Armavir), 7215, a new channel, Nikolayev (Jigulevsk), 7355 Simferopol (Moscow).

With regard to central Asian sites, Olle's calculations are as follows (R. Moscow designations in brackets): 9710 Duchanbe (Frunze), 9720 Tashkent (Frunze), 11765 Tashkent (Tashkent), 15210 Duchanbe (Alma Ata), 15395 Alma Ata (Tashkent).

Some of the Soviet Far East transmitters used on the WNA service are at different sites than listed by R. Moscow, according to Bill Davis, including the following (R. Moscow designations in brackets): 15140 Vladivostok (Petropavlovsk), 11860 and 7260 Petropavlovsk, (Tujsakhalinsk), 9580 Petropavlovsk (Blagoveschensk), 7110 Nikolayevsk (Khabarovsk).

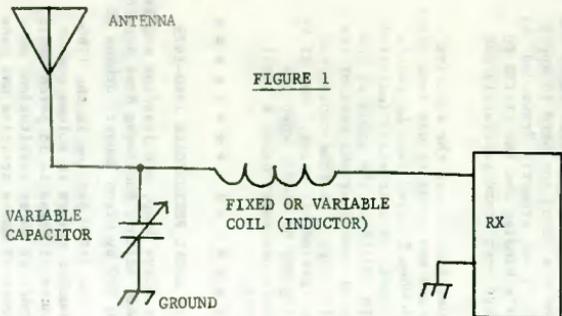
It would therefore appear, as I stated previously, that Radio Moscow sites are mostly in the general area of the sites in the IFRB HFBC schedule and/or QSLed, but not necessarily at the specific site listed.

need to know
the latest news?

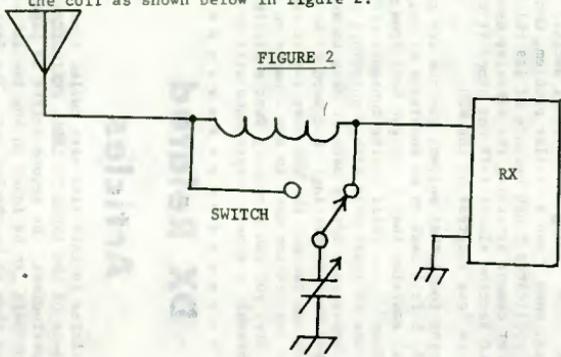
If you really need to know the latest news, tune in to Radio Tahiti at 9 AM Monday through Saturday for the English language news of the world broadcast. Hotels Holiday Inn, Maeva Beach, Tahara'a and Tahiti Travelodge in Tahiti and Moana in Moorea have pretuned radios in each room. Reception desks in other hotels can advise clients where this broadcast may be heard.

Mailbag

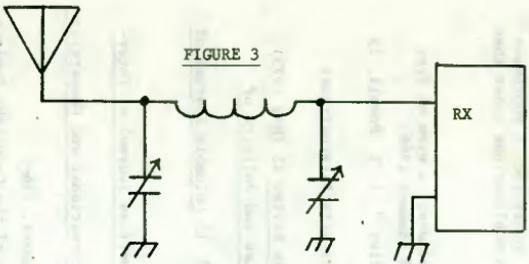
John Kolb, Foley CA, reports that figure 1 in the January SWC was somewhat distorted from the "L" tuning network it should have been. A correct version is given by figure 1 below.



An L network as shown above will not match an antenna to a receiver under all cases of mismatch but will under most cases. The L network can be made to match in all cases by putting the variable capacitor on a switch so it can be switched to the antenna side or the receiver side of the coil as shown below in figure 2.



Battery powered.



The size of antenna mismatch that can be corrected is controlled by the size and adjustment range of the variable capacitor and coil. The arrangement in figure 1 will match a high impedance antenna (which is the usual case with a short vertical antenna) to a lower impedance receiver input. I prefer this circuit to the more usual pi network tuner (figure 3), as there are only 2 controls to peak for optimum instead of 3. If a peak can't be found, the switch can be thrown to the other position, and the coil and cap tried in their various positions.

PRESELECTORS

As well as the AMECO PCL-P, reviewed in the January 76 SWC, there are now two other choices. The KS Preselector, designed by myself (John Kolb), and manufactured by Ralph Sanserino, 8422 Crane Circle, Huntington Beach CA 92646, is now in production. This covers 2-30 MHz, with 30 db gain from 2-8, and 20 db gain from 8-30 MHz. This unit is powered from the AC line, not batteries, and includes a RF gain control and a 6:1 ball drive reduction on the tuning cap for easier tuning.

MFJ Enterprises, P. O. Box 494(H), Mississippi State, MS 39762, just introduced the 1030 BX preselector, at \$49.95. This has 20 db gain minimum, and is optimized for 10-30 MHz use. Bottom frequency covered is not mentioned. They have two tuned circuits instead of the 1 used in the KS, and presumably the PCL-P, but they bring out two separate tuning controls. This will give better image rejection than the other two units, but two controls seems awkward.

Thanks John. We are aware that artwork in SWC suffers from time to time. The haste with which it must at times be prepared, the difficulty in interpreting drawings submitted, and two left hands, all work to lower the quality of linework. We are going to try to improve things by taking more care in copying drawings submitted. Authors can prepare their own drawings if they are done at proper scale for reduction to the FRENDX page and if they are done in BLACK INK, India Ink is best. Black ball-point drawings will not be picked up always in the reproduction process used to prepare FRENDX masters for printing.

MAILBAG CONTINUED

Rx REMEDY FOR THE NEW WRH by Kenneth A. Earhart, Allentown PA

I received my 1976 edition of WRH on February 24th and proceeded to glance through it particularly to check additions or deletions of stations in the frequency section in the rear. After working for several hours, my book cracked open and pages started to loosen near the crack. Being a chemist, I decided to use some rubber cement this time since two years ago, when I had a similar problem, Goodyear's Pliobond was found too hard to apply with an applicator brush because of its thixotropic nature. I was promptly "rewarded" by the rubber cement attacking the adhesive used for this year's binding and the LISTEN TO THE WORLD section almost fell out since it would seem to have been bound separately and then bound into the rear of the WRH.

Having found that solvent cements are ruled out because they attack the adhesive now used, I fell back on my knowledge of polymer chemistry and was about to use some clear polyvinyl emulsion that I brought home from my research lab when I spied some Le Page's "White Glue". One whiff of the contents with it's vinegar smell (acetic acid) indicated that it was at least made with a polyvinyl acetate base. In addition, the snout of the plastic applicator bottle made it easy to apply a thin line of cement at the base of the pages that were separating. One word of warning however, i.e. apply at some convenient time when you can put the WRH away for at least an overnight period of drying. And if by accident you get too much in the creases so that the printing may be hidden when the glue is dry, you can carefully dust a little baby powder where necessary using a small artist brush. I hope my experience will be of help to others.

DX Related Articles

APPEARING IN LEGAL PERIODICALS 1960-1975

Compiled by Steve Kamp, San Jose/Los Angeles
CA, Associate Editor, Shortwave News Service
Provided to SWC by Glenn Hauser, Urbana IL

Articles in this list were culled from listings under the RADIO heading in the 1960-1975 issues of the INDEX TO LEGAL PERIODICALS. The first number refers to volume number of the periodical, the second refers to page number. The date of issue is in parenthesis. These journals can be found in any law library. However, most of these institutions do not allow them to be checked out. The fact that the existence of these articles has gone unnoticed by DXers is something of a scandal. Moreover, a cursory glance at the Public Affairs Information Service reveals a number of DX-related articles in various academic journals. The bibliography below is provided to help make those interested in shortwave radio aware that there is information of interest to be found in publications other than electronics magazines and club publications.

SWBC

"American Commitment to Private International Political Communications: a view of Free Europe, Inc." R. C. Rawson, 31 Law and Contemporary Problems 458 (Summer 1966)

* "Czechoslovakia Crisis and International Broadcasting in Perspective." J. T. Powell, 23 Federal Communications Bar Journal 3 (1969)

"American Constitutional Law and Restrictions on the Content of Private International Broadcasting." 5 International Lawyer 102, (January 1971)

"MARS -- legal or illegal?" R. K. Elliott, 14 Air Force JAG Law Review 25 (May 1973)

"FCC Jurisdiction Over Extraterritorial Radio Broadcasting." 6 Law and Politics of International Business 608-13, (1974)

"Control of Program Content in International Telecommunications." 13 Columbia Journal of Transnational Law 1-81, (1974)

SWBC & Pirate Broadcasting

* "Legal Aspects of Pirate Broadcasting: A Dutch Approach." 60 American Journal of International Law 303, (April 1966)

f "Pirate Broadcasting in European Waters." N. M. Hunnings, 14 International and Comparative Law Quarterly 410, (April 1965)

t "Pirate Broadcasting." 41 Southern California Law Review 769 (Summer, 196-)

f "Unlicensed Broadcasting from Ships." S. M. Stewart, 15 Bulletin of the Copyright Society 108, (December 1967)

Mediumwave

"Power to Some People: The FCC Clear Channel Allocation Policy." 44 Southern California Law Review 811 (Spring 1971)

"Intellectual Reciprocity and Cultural Imperialism." 68 American Society of International Law Proceedings 117-37, (April 1974)

"Resurgence of Canadian Nationalism and its Effect on American-Canadian Commercial Relations."

9 Journal of International Law and Economics 149-73, (April 1974)

"CRTC and the Canadaization of Broadcasting." P. W. Johnsen. 26 Federal Communications Bar Journal 183-208, (1973)

"Mexican-U.S. Border Broadcasting Dilemma." 4 California Western International Law Journal 141-160, (Winter 1973)

Satellites: Direct Broadcast

"Symposium on Communications Satellites." 58 Northwestern University Law Review 157 (May-June 1963)

"TV Town Meeting of the World." F. Stanton, 8 Antitrust Bulletin 165 (March-April 1963)

"Unauthorized Interception of Space-Oriented Telecommunications." W. G. Stolusky, 25 Federal Bar Journal 412 (Fall 1965).

"International telecommunications: Dynamics of Regulation." A. H. Ende, 34 Law and Contemporary Problems 203, (Spring 1969)

"Direct Broadcasting from Satellites: The Case for Regulation." 2 NYU Journal of International Law and Politics 72, (Spring 1970)

"Direct Broadcasting and Remote Earth Sensing by Satellites Compared." 10 Canadian Yearbook of International Law 186, (1972)

"Legal Problems of International Communications." 20 University of Toronto Law Journal 285, (1970)

"Newest Frontier in Communications: The Direct Broadcast Satellite." K. C. Dugmore, 13 Air Force JAG Law Review 259, (Fall 1971)

"One World of Communications." 44 Southern California Law Review 811, (Spring 1971)

"Direct Broadcast Satellites and the Freedom of Speech." 4 California Western International Law Journal 374-93, (Spring 1974)

"Direct Satellite Broadcasting and the First Amendment." 15 Harvard International Law Journal 514-27, (Summer 1974)

RF Spectrum Allocation Problems

"Radio Frequency Allocation in the Public Interest." Metzger and Burns, 4 Duquesne University Law Review 1, (Fall 1965)

"Applicability of the International Telecommunications Convention for Military Radio Installations." J. H. Glazer, 25 Federal Bar Journal 307, (Summer 1965)

"Management of the Frequency Spectrum." W. H. Meckling, Washington Univ. Law Quarterly, (Fall 1967/Winter 1968 issue)

"Crisis in Electromagnetic Frequency Spectrum Allocation." 53 Iowa Law Review 437, (October 1967)

"Market Allocation of the EM Spectrum." 21 Stanford Law Review 1499, (June 1969)

"Radio Spectrum Regulation." G. O. Robinson, 53 Minnesota Law Review 1179, (June 1969)

"Radio Spectrum Restrictions." H. J. Levin, 11 Journal of Law and Economics 433, (October 1968)

"Use of the Radio Spectrum: The Role of the IFRB." F. Lyall, 1969 Juridicial Review 233, (December 1969)

"Chaos in Radio Spectrum Utilization." K. Harwood, 34 Law and Contemporary Problems 203-429, (Spring-Summer 1969)

"Role of the ITU in the Settling of Harmful Interference Disputes." 13 Columbia Journal of Transnational Law 82-97, (1974)

"Chaos on the Citizens Band." 26 Hastings Law Journal 797-818 (January 1975)

"Property Rights in Radiation." J. R. Minasiah, 18 Journal of International Law and Economics 221-72, (April 1975)

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Dealers in Surplus by George Heraghty, Ronkonoma, NY

The following is a list of mail order surplus dealers which can be useful to the DXer and experimenter. As you will notice, all of the dealers are not in receivers alone. They are rated from one to four. All ratings are based on my experience and the experience of other radio enthusiasts. None of the dealers got a one, because not one of them deserved a low rating. If you are an experimenter, an ARO, or a DXer, surplus dealers are a part of building or expanding your setup. I originally had over 40 dealers listed, but I have culled the list down to this group of mail order dealers. I am sure we all would like to have a R 388/URR or a R 390/URR, or a BC221, so check out the surplus market. Many Thanks to fellow DXer Bob Moldashel.

Dealers name and address (Phone number if known)	Main Products	Rating
Fair Radio Sales 1016 E. Eureka St. P. O. Box 1105 Lima, Ohio 45902 (419) 223 2196	Govt. surplus, meters, transmitters, receivers, test equipment, dynamotors, transformers	****
Haltek Electronics 1690 Plymouth Ave. Mountain View, CA 94040	Parts, some receivers and transmitters	***
RTTY Electronics Box 655 El Cerrito, CA 94530 527-4947	Teletype exclusively	**
Colombia Electronics Box 9266 7360 Atoll Ave. N. Hollywood, CA 91609	Assorted	***
Verns Electronics Surplus 12159 61 E. Front St. Norwalk, CA 90650	Assorted, usual equipment	**
Selectronics 1912 Fulton Ave. Sacramento, CA 95925	New parts, usual equipment	****
K&K Sales 915 W. Arbor Vitae Box 254 Inglewood, CA 90301	Industrial components	***
Sacramento Surplus Sales 4801 Hedge Ave. Sacramento, CA 95276	General Surplus	***
Starr Surplus Sales 1038 N. High St. Columbus, Ohio 43201	Military surplus, standby receivers, command sets, test equipment	***
R. E. Goodheart Co., Inc. Box 1220 GC Beverly Hills, CA 90213	Used and new surplus communications and test equipment	****
Dayton Electronic Surplus 1001 E. 2nd St. Dayton, Ohio 45401	Command sets and components	***
Amrad Supply 1025 Harrison St. Oakland, CA 94607	Reconditioned and used gear of many types	***
Metro Aero Tron Box 15436 Sacramento, CA 95813	Aircraft radios, test equipment, partw, etc.	***
Airborne Sales Co. 9501 Stellar Drive Culver City, CA 90230	Aircraft radio parts	***
ARS Electronics 616 Holmby Ave. Los Angeles, CA 90024	Aircraft and communications sets, test equipment, tubes	***
Electro Craft Inc. 1124 Dorchester Ave. Dorchester, Mass. 02402	Military, commercial, aircraft, communications sets and teletype equipment	****
Andy Electronics 6427 Springer Rd. Houston, Texas 77107 (713) 645 7057	Transmitters, receivers, teletype equipment, test equipment	****
Amateur Wholesale Electronics 8817 SW 129 Terrace Miami, Fla. 33156	Wholesale transmitters, receivers	***
Star Tronics Box 17127 Portland, Oregon 97217	Industrial, Government surplus	****

Alltronics Howard Co. Box 19 Boston, Mass. 02101 (617) 742 0048	Mostly teletype, Collins receivers	***
Poly Paks P. O. Box 942M Lynnfield, Mass. 01940	Surplus, semiconductors	***
Amateur Electronics Supply 4929 W. Fond du Lac Ave. Milwaukee, Wisconsin 53216 (414) 442 4200	Used and recond. equipment, receivers and transmitters	****
Gregory Electronics Corp. 249 Rt. 46 Saddle Brook, N. J. 07662	FM used equipment	***
Etco Electronics Box 741 Montreal, Que. CANADA	Used equipment	**
Delta Electronics Co. Box 1 Lynn, Mass. 01903 (617) 388 4705	Parts galore, IF strips, transformers, much more	***
Cornell 4213 University Ave. San Diego, CA 92105	Tubes, mostly famous for \$0.36 tube	**
Meshna Surplus Nahant, Mass. 01908	Receivers, transistors	***
Wayne D. Russel (Col.) 9410 Walhampton Louisville, Kentucky 40222 (502) 426 2939	Receivers, transmitters, manuals, military surplus	****

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Propagation Conditions by Jerry A. Lineback, St. Joseph, IL

The solar flux is peaking as I write this on 23 March at levels above 90 after being in the low region since the last peak on 14 January. Geomagnetic activity has been active or disturbed most of March. A minor storm occurred 8-9 March with an A-index of 33. This was the B-peak of the last cycle and geomagnetic activity declined to quiet on 21 March. The next solar flux peak is expected about 20 April. The A-peak of the present cycle is expected about 27 March, the I-peak about 4 April, and the B-peak about 13 April. The A-index will reach the active level and propagation conditions will be slightly to moderately disturbed during those peaks. The following A-peak will occur about 4 days after the next solar flux peak.

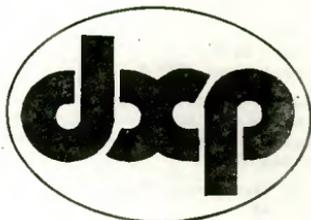
H. Soicher reports in the 1-8 January 1976 issue of *Nature* (page 33) on the "Response of Electrons in the Ionosphere and Plasmasphere to Magnetic Storms." He measured ionospheric electron density by radio transmissions from the ATS-6 satellite. The storms reported on occurred on 14 and 17 September 1974. At the sudden commencement (SC) of the storm, the total electron content increased. The F-region was raised from about 250 km to 400 km, bringing that region into the plasmasphere where recombination of electrons to ions is slower (hence increased electron content). Some electrons moved into the plasmasphere. As the storm declined 5-6 hours after SC, electron content decreased. The heating effects of the neutral (non-ionized) atmosphere disturbed the normal production and loss processes in the ionosphere which resulted in a depletion of the ionospheric electron content. The plasmasphere was also reduced in electron content since its source of electrons is the upward movement of electrons from the ionosphere.



DX-SERVICE PRICE LIST /SPRING 1976

DX-PALVELU OY (DX-Service Ltd) is a company owned by the Finnish DX Association with it's three member clubs;

Here's a selection of items we offer to our foreign customers. Many people have asked for radio receivers but unfortunately we can't deliver these abroad at least at the moment.



All prices are given in American dollars (US \$) and they include postage by surface mail. Payment can be made in any exchangeable currency according to the rates of exchange in force. Please make your payment in one of these ways:

- 1) send cash (any currency, notes only)
- 2) send a cheque drawn in a bank (you must add US\$ 1,20 for handling charge)
- 3) send International Reply Coupons (4 IRCs = US\$ 1,00)
- 4) send uncrossed British Postal Order. (don't write any name on it!)
- 5) if your country has got a post office Giro please make a GIRO TRANSFER to our Finnish Post Office Giro account/No. 450 01-6
- 6) make a bank deposit to Kansallisen Osake-Pankki (KOP), Rajatorppa, Vantaa.

MINIMUM ORDER US\$ 2,50?

	US \$
10 LANGUAGE DX VOCABULARY.....	7,00
476 words in Finnish, Swedish, English, German, Spanish, Portuguese, French, Indonesian, Russian and Arabic.	
LIST OF MUSIC TITLES (24 pages).....	0,80
DX LOG BOOK (32 pages).....	0,80
RECEPTION REPORT FORMS 40 English plain.....	1,20
40 English aerogramme.....	2,00
50 Spanish, French or Portuguese.....	1,35
RECEPTION REPORT POST CARDS (50).....	1,35
FDXA ENVELOPES (30).....	1,40
FDXA LETTER PAPER (a block of 40 sheets).....	1,30
GUIDE TO WORLD WIDE TV TEST CARDS.....	3,70
SPANISH STAMPS (15 stamps & 4 pesetas).....	1,80
DXING AROUND THE WORLD (17 cm, 33 rpm record with 30 stations).....	3,50
RADIO CAROLINE- THE OFFICIAL STORY (a double-LP).....	11,00
OFFSHORE RADIO (a book in English about the pirate radio stations).....	12,00
THE RADIO NORD STORY (history of this Scandinavian pirate).....	8,50
CRYSTAL CALIBRATOR (1000, 100, 50 and 10 kHz, Made in Germany).....	42,00
DIGIDEX FREQUENCY COUNTER (Made in Finland).....	228,00

For more details about this new freq. counter please send 2 IRC's.

These will be available in March:

- NEW DX RECORD (a full size LP with 40 minutes of IDs, announcements and jingles from 60 stations around the world).....6,90
- FDXA T-SHIRT (small, medium or large) printed in two colours.....4,00

ALL ORDERS TO THIS ADDRESS: DX-SERVICE, SF-01650 VANTAA 65, FINLAND

TO OUR SWEDISH CUSTOMERS: Alla varorna beställas genom att inbetala köpesumman på vårt svenska postgirokonto nr. 54 80 07-4.

DX-PALVELU OY

SF-01650 VANTAA 65, FINLAND
☎ 45001-6 ☎ 90-846721

DXP/AM 10.12.75

The above price list was submitted by Alan Anderson, Hopedale, MA. Reprinted with permission of DXP.

Listener's

•Editor: Glenn Hauser
1312 W. Oak, Enid, OK 73701

Notebook



PROPER CREDIT Other clubs and broadcasters desiring to use material from LN may do so provided due credit is given to the original reporter and NASWA. BEC Monitoring Service material is copyright, used by permission, not authorized for further dissemination. Thanks.

YEMEN SOUTH Aden 11770 good level 2150 Arabic prayers, s/off 2158, anthem (Rob Wagner, Vic.)

YEMEN NORTH Sana'a 1100 on new 15130 //9780 (BBCMS 2/19) On 9765 ex-9780 (David Kernick, Eng)

WESTERN SAHARA Moroccan MAP agency reports R. Sahara, Al-'Uyun, officially taken over 2/9 by the Moroccan Ministry of State and Information (BBCMS 2/19) Check 11807½ (Pitt McNeil)

USSR Following outlets hrd in 1900-2200 period in week ending 2/22:

5065 Petrozavodsk // 4780
5040 Tbilisi, mainly local pgs in Georgian; super s/off chimes sequence & local anthem
5015 Arkhangelsk, mainly Mayak relays
4990 Yerevan, V. of Armenia external svc.
4940 Kiev, much own pgm in Ukr, IS & ID
4930 Ashkhabad & Tbilisi lists; both Mayak
4920 Moscow, much svc, Kiev list; doubt it
4895 Ashkhabad/Tyumen, useless mix; Mayak
4860 Moscow/Sverdlovsk, Greenburg, useless mix
4825 Moscow EU svc, allegedly Kiev, doubt
4825 Ashkhabad local svc, clear u/Moscow
4810 Yerevan, generally relays Moscow I
4785 Baku I. relay Moscow I. often // 5065
4055 Moscow 3, light classics, no // noted
4050 seems Moscow I variant; no clues as to location and no // noted
4040 Yerevan, relay Moscow I, which makes me doubt location of this one and 4810 (Alan Thompson, Neath, UKOGBANT, NU)

TURKEY Ereğli Kömür İşletmeleri (Ereğli Coal Mines Administration) operates irregularly on 6608y weekdays around 1730-1830; power 0.15 kW (John Campbell, in SW News, DSWCI 11/75)

TANZANIA Changes in SW sked since 1/15:

Ext. Svc 6105 0330-0530
*moved *9750 0900-1030 (Sa/Su -1600)
to 9530 15435 1600-2015 (Johann Olema-Akio. DSWCI 2/76)

Nat. Svc 4785 0300-0700, 1459-2105
7280 0700-1458
Comm. Svc 5050 0300-0500, 1400-2015
7165 0900-1100

SWITZERLAND Cf Mar LN-3. I omitted the freq for ICRC tests: It's the usual 7210 (gh)

SRI LANKA Complete VOA-Colombo M76 sked (rest of April), all beamed to SAs, so to NAm too:

7110 0045-0330 10 kW 11715 1500-1800 35 11935 1245-1500 35 15185 0045-0330 35
1245-1800 10 11740 0100-0330 35 15150 1245-1800 35 (extracted VOA sked gh)

SAUDI ARABIA SABS Arabic svc from Riyadh on new 17755 (Cairo also list here) at 1430 // new 9745. Since 3/7 on 11795 (ex-11780) and 9580 after 1500. FS from Jeddah in Urdu on 17740 (ex-15115) at 1400-1450 then moves to 11825 for Farsi 1500-1600. Then to usual 11855 for Swahili 1600-1700 and French (English listed at 1700 onwards) (David Kernick, Prescott, Eng.)

RFSR ASIATIC Here is the current FE site usage to NAm, since 3/10:

6020 Khabarovsk 2100-0730 9735 Nikolayevsk 0300-0730 15140 Vladivostok 2300-0400
7175 Petropavlovsk 0400-0730 9780 Petropavlovsk 0100-0730 (to 9610 at 0430)
7260 " 0200-0730 11690 Nikolayevsk 0300-0500 15180 Petropavlovsk 2200-0100
9540 Blagoveshchensk 0300-0730 11860 Petropavlovsk 0130-0330 (to 11860 at 0130)
9580 Petropavlovsk 0300-0730 (to 9175 at 0400) 15455 Petropavlovsk 2200-0130
9610 Vladivostok 0430-0730 12050 Petropavlovsk 2100-0230 (to 7260 at 0200)
9635 Khabarovsk 2100-0730 (to 9580 at 0300) 17720 Petropavlovsk 2200-0030

The program continues to be: 0030-0100 Kiev English (to 9780 at 0100)

2100-2130 Korean 2200-2300 R. Kiev Ukrainian 0100-0300 Moscow English 0330-0730.

2130-2200 Chinese 2300-2430 Moscow English 0300-0330 Kiev English on Pet. Moscow Eng.

0300-0330 Yerevan English/Armenian or Mayak HS (on non-Yerevan days) on non-Pet. sites.

Spring changes for the **Kamchatka Radio** broadcasts from Petropavlovsk:

7160 1730-2030 7260 1730-2030 9580 1700-2100 9780 1730-2030

M -- Mayak HS
X -- Moscow pgs I-A
TO -- R. Sta. Pacific Ocean
KR -- "Kamchatka Radio"

GMT	1530	1700	1730	1800	1830	1900	1930	2000	2030	2100
SUN	M	M	M	M	M	T.O.	T.O.	M	M	
MON	M	M	M	M	M	M	M	M	M	
TUE	M	M	M	M	M	X	KR	KR	M	
WED	M	M	M	M	M	X	T.O.	M	M	
THU	M	M	M	M	M	X	KR	KR	M	
FRI	M	M	M	M	M	X	T.O.	M	M	
SAT	M	M	M	M	M	X	KR	KR	M	

Spots in the corners are times when local ID can usually be heard (if the studio engineer remembers his switches in time!--Petropavlovsk particularly inept): 1858 on Tue/Thu/Sat includes location and wavelengths; 1930/2000/2028 during KR pgs is

usually only "Kamchatka Radio", "Govorit' Petropavlovsk", or "Kamchatka Babetskaya", i.e. Kamchatka Workers. (All the above researched by Bill Davis, Laguna Niguel CA. Thanks: gh)

ROMANIA R. Bucharest's Yiddish broadcast to Nam 0230-0300 has been discontinued, replaced by Romanian. Yiddish programs began in February 1956 (BBC MS 3/11)

PORTUGAL Address of R. Liberdade is Ministério da Comunicação Social, Apartado 2495, Lisboa, Portugal (Geoff Cosler, Burwood, Victoria, Australia, 3/2)

PERU On 4785, R. Horizonte weak after 2350; 4921, Ondas del Titicaca seemingly irregular at 0100; 5045 R. Difusora la Convención listed here is actually noted weakly on 3552 after 0100 (Gláucmo Perolo, São Paulo, Brasil, via NU 2/21)

PAKISTAN Azad Kashmir Radio noted recently on 3840 (Victor Goonetilleke says it's 3839.8) either in Urdu or Kashmiri; very strong CW "V" marker on freq QRMing (Gib Junqua, Osaka, Japan) AKR now back to 3915 after drifting around 3845-3930 (David Kernick, Prescott, UK)

MOZAMBIQUE Per QSL from Nampula-4962, RCM is now "R Moçambique" and "Emissora regional do Norte" is now "Emissora provincial Nampula". Confirmed "weak power" (300W listed), for immediate area only. Goody; brings my QRP to 2670 W: (Geoff Cosler, Burwood, Victoria)

MONGOLIA That 1300-1500 UBR FS on 4947 was valid when I sent it in; frequency had been rock-steady for about three weeks; then it started to vary; I kept a log during Feb:
Date: 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
49. kHz 46 -- 47½ -- 47 -- 48 49 50 50 50 49 49 49 48½ 49½ 50 49 49 49 49
50. kHz 48 -- -- -- 50½ 50 51 51 51 51½ 51 51 51½ 51½ 51½ 51½ 51½ 52 --
The 5051v channel is for the HS; both suffer a lot of QRM (Gib Junqua, Osaka, Japan) FB: --
Observed FS sked (incomplete) 1430-1500* Mon 4959 5960. HS 1100-
1220-1252 Eng 17785 *1300-1330 Ch1 4949 5960 1500* 5054 4762 and super weak and re-
1000-1030 Mon/Rus 5960 1330-1400 Mon 4949 5960 activated 4078.5: 0930-1210 6384
1030-1100* Ch1? 5960 1400-1430 Ch1 4949 5960 (Mike Willis, Hampton, Victoria)

MALAWI Sked per QSL: 3380 0257-0520, 1750-2215, 100 kw; 5925 0500-2110, 20 kw; 7130 0600-1715, 100 kw (Arthur Gushen, Invercargill NZ, via HGJB DX Party Line 3/8 via gh)

LITHUANIAN SSR R. Vilnius's domestic service Program I, not previously observed on HF, has been heard on 9710 at 0700-1730v since 2/3; full span not yet established (BBCMS 2/12)

KUWAIT RK has added 11825 for Eu svc 0815-1505; for Arab Maghrib 1000-1505, 15415 replaces 21685 (BBCMS 2/19)

KENYA Kisumu now broadcasts all the western Vernacular service (in Luo, Luhya, Kuria, Kalenjin, Kisii and Teso) from its own studios--formerly from Nairobi. Sked 0300-0630 and 1900-1900 on 4855; 0900-1215 on 7295. New 20 and 100 kw xtrs are being installed in Nairobi (Johnan Oleana-Akio, Kenya, DSWCI SW News 2/76)

JORDAN BSHKJ Main Arabic Programme operates 0330-2310 on 11810, 5 kw; 0330-0730, 1430-1730, 1900-2200 on 7155/100/7.5 kw; and 0930-1400 on 9530, 100 kw. -R Aman no longer has an external service, but the 11810 kHz channel is beamed to Naf (BBCMS 1/76) So it's an ES! (gh)

JAPAN Get VOA-Okinawa while you can; the days of the 1178 kHz xtr are numbered, and so may be the SW xtrs. Complete M76 skeds including operation on 21 MHz for first time in ages:
6010 1045-1500 15kw NEAs 7165 1045-1500 70 NEAs/Phl 9560 2145-0030 100 China (via
6075 2115-2200 35 NEAs 7255 0945-1600 100 China 9620 2215-2300 35 NEAs (gh)
6075 2115-2200 35 NEAs 2115-0030 35 China 21490 2300-0130(0230) 15 SEAs

ISRAEL Now, a better chance to hear the only (to my knowledge) current broadcast activity on the 25 MHz band. IBA is using a medium-power xtr on 25605 at 1400-1640 in Yiddish and Russian. Hams still find openings on 28 MHz: The Hebrew HS relay to NAm sked as follows: 0400-2305 on 12077.5 and 9435; 0400-0600 and 2100-2305 on 7462.5 (IBA via gh) Hebrew HS noted on new 9435 at 1900 // 9425 (David Kernick, Prescott, Merseyside, England, UKG0BANI)

IRAN R. Iran is now active days on 17735, 15135, ex-9680; // 15085 9022 (BBC WRC 3/3 via gh)

GREENLAND Godthåb can often be heard during 1430-1730 on 2575; best time in ENAM is Sat or Sun after 1455 when RAI is absent. (Victor C Jaar, Charlesburg PA)

GREECE HNBI uses VOA Kavala site on 9615 in Greek at 1400-1415, heard 12/27; counts as a new station on SW. Reopens at 1430 with VOA Urdu on 9700; info from George Jacobs (Robert Jones Sydney NSW, via ADXN)

GERMANY EAST (Make a note for next Christmas gh) RBI had a special freq, 17700, for Germans overseas. // 25 0900-1000 with messages and Xmas mx; // 17740. One day a year. (Bob Padula)

GABON/MALI Both Franceville and Bamako are using 4830; Franceville measured on 4829.5 and Bamako on 4830.4, explaining the het. Mali // 4783; Gabon solo (Alan Thompson, UK, NU; 2/20)

FRANCE RF-Inter relay noted at 0410 on new 7255 (David Kernick, Prescott, England)

ETHIOPIA (Cf Dec LN-1) M76 ETLF sked shows following changes: 1950 was error for 1915 (gh) 0300-0325 Eth 4905 ex-6015 0300-0410 Mad 9510 ex-9590 1515-1555 Mad 15235 ex-15320 1615-1640 Iran 11830 ex-11890 1715-2030 Waf 11930 ex-11830 (via Jon Cohen Willingboro NJ)

EGYPT Cairo at fair level around 2100 in Arabic HS on 11630 (Bob Wagner, Balwyn, Victoria)

DENMARK Liberating DR from its extremely conservative frequency usage is a new log-periodic antenna, which operates from 11 to 49m; I can't figure out when from the Danish press item. (Foklebladert for Glostrup, Brøndby, Vallensbæk, Albertslund, 2/11 via DSWCI SW News)

CHILE R. Calama daily since 1/29 on 6100, seemingly new more powerful xtr: first time hrd since 12/73; uses slogan "La internacionalisma". On 9570, R. Portales not hrd for many months, possibly has left SW; 9510, R. Nacional daily while R. Record off 9505, usually abt 1500; 15150 in the clear at this time. (Tony Jones, nr Asunción Paraguay, via NU 2/28)/EEDX

COSTA RICA R. Capital heard on 9664, 2 x 4832 at 0725 1/31; SIO 333 (Dempsey Crews, FL, SP-COLOMBIA)

COLOMBIA Emis. Meridiano 70, Arauca, now hrd on 4926, strong, *1100 music, many ads. (Ernie Behr, Montréal PA) Ex-3280 (Marlin Field, MI, via NU 3/6) 4975 unID is Ondas del Ortegua-za, list WRTH 76 on 5002; "La emisora de los campesinos" (Al Sizer, CT; Jerry Berg, MA, NU)

CAPE VERDE A Voz de Praia is the new name for RCGV, well heard on 3885 to 0101* (McNeill)

CANADA (?) RCI Russian hrd 0840-0905 on 4038; fair 1/20; doubt image (Mike Hardester, CA via Australian DX News) Very strange (gh)

BURUNDI R. CORDAC noted several times lately around 0400 on 4900, to around 0435; African language songs, music, etc. (Victor C. Jaar, Charlesbourg PQ)

BRAZIL R. Pres. Prudente on 4980 for several late Jan. days, filthy carrier; but soon returned to nom. 5045. R.Dif. Aquidauana now on nom 4725, ex-4790-91; R Record returned to air 2/6; R. Panamericana 2/8 on 6055 9505 11965 15135; R MEC seems off SW; not heard for several weeks on 25, 31 or 49m. R Jornal do Comercio very irregular on 15145; Ceara R. Clube on 15167 hrd 1930 past 2030; daily exc. Sun. R. Cl. Ribeirão Preto, 15415, not hrd for many weeks. R. Roquete Pinto hrd daily on 9515 around 1500, tho with very low power. Seems silent since carnaval; ever heard in NAM? (Tony Jones, Paraguay, via NU 2/28)

R. Educativa do Pará is a new stn on 5045, heard in Finland (DSWCI SW News, 3/76) RNB says they have a 24h commercial service on 15455 11720 9665 6065, 10 kw (Jon Cohen, Willingboro NJ) Should be 15445; do they carry ads, or do they mean domestic? (gh)

AUSTRALIA Every source has a slightly different Carnarvon schedule; of Mar LN-1. This time more details from the RA freq sked, with asterisked xmas missing in a supposedly complete sked given by Warren Morton (sp?) on Club Forum 3/13 via gh. First, the 250k xmatr:
6035 2100*2130 Engl 009 17db 17860 0300-0600 Engl 009 19 9560 1030*1300 Mand 347 19
9700 2130-2330 Viet 347 19 15190 0600-0830 Engl 325 19 9560 1300*1430 Cant 009 19
15190 2330-0130 Engl 347 19 15190 0830-1000 Engl 347 19 6035 1430-1730 Engl 325 18
15190 0130-0300 Engl 325 12 15190 1000*1030 Engl 347 12 / Next line starts the 100 kw:
7240 2100-2230 Engl 009 17 9560 2330-2430 Indo 347 19 7215 1100-1500 Indo 347 18
(Morton says to 2330) 15415 0030-0800 Engl 347 19 7215 1500-1730 Engl 325 18
9560 2230*2330 Indo 009 17 15415 0800-1100 Indo 009 19 As you can see there are but 3 antenna headings. 0099 hits Lombok, Manila, Taipei, Pyongyang. Boston: 325° crosses near Delhi, Kawalpindi, Inverness, Sto. Domingo; 347° grazes Yogyakarta, Saigon, Abakan, Grand Falls. And Carnarvon is being heard in NAM: (gh) Hrd well since 2/23 on 6035 *1431-1615f 7215 1530-1600f; 9560 1300-1428* // 7290, Darwin? (Ernie Behr, PQ) No way; Shepparton (gh) Was testing in English at an additional time, 1800 on 9560, heard 2/24-29 and 3/1-4-5. I suppose will stop after 3/7 (Don Rojewski, Tacoma WA) Also on 3/7 but sounded like pidgin Arabic; sounds rather odd (Bob Bodell, Portland OR, via NU 3/13)

The Sautiation BURMA Voice of Burmese People on new 6304v at *1330-1430v*: 5108 still hrd at *1200-1300v* (Isao Ugusa, Kobe, Japan)

CHINA Two new freqs of HS-1: 6280 and 6840, both hrd 1100 past 1600 (Mike Willis Victoria)

INDONESIA New station on SW is RRI Pangkal-Pinang on 3385, hrd 1400 w/local nx and ID; don't confuse with Kupang, which isn't to be found anywhere. Tnx to R. Yeo for tip-off (Geoff Cosler, Burwood, Victoria) Pangkalpinang is the main town on Bangka Island, E of Palembang (gh) Here are some stations which run late on Saturday evenings with Wayang Kulit 1600-1830: 3355 RRI-Sunenep, 3462 RPKDK-Pasuruan, 3578 RPKDK Situbondo, 3762 RPKDK Tuban, 3892 RPKDK Sidoarjo. Two other stations often with extended Sat hours are 3342 RDK Pandeglang and 3510 RPKDK Simalungun. On 3822a an unID Indo relaying Jakarta 4775 and 4805, also relaying another Indonesian outlet on 3912a, featuring Indo pops around 1405 (Rob Wagner, Balwyn, Vic) Stations appearing inactive on 120m: 2312 RRI Jakarta, 2307 Jakarta, 2315 R. Double One, 2330 RRI Jember, 2377 RRI Jakarta, 2390 RRI Mataram, 2390 RRI Banda Aceh, 2420 RRI Singaraya, 2430 RRI Malang, 2431 RRI Denpasar; 2467 RPKDK Biltar is active only in morning 2000-2130*. (Contradicting first Indo item above is this; gh) Hrd on 3385 is RRI Studio Angkat Timor, takes lots of relays; 1459 ID. then Jakarta news. On 6217 a very strong stn in Bandung; gave SW, MW, FM wavelengths; couldn't get exact name (Craig Tyson, W.A., via NU 3/6)

LAOS Lao National Radio, 1100 tune in to 1400* on 6130 6200 7480 6980 7385; unID Lao stn still on 6987 1300 past 1400; foreign svc 1100-1200 seems Lao, 1200 Viet, 1230 Camb, 1300 French, 1330 Eng, 1400* (Mike Willis, Hampton, Victoria, Australia)

MALAYSIA WEST Updated sked, too late for WRTVH 76 of R. Malaysia: 4845; 2230-0130, 0830-1000, 1200-1530 (Mon-Fri); 2250-0130, 0800-1000, 1200-1530 Sat; 2250-0130, 0330-0545, 1200-1530 Sun; also 0130-0328, 0630-0830 Mon-Thur. 4985; 2230-0130 (Sun-1630), 0530-0630 (Sat-1630); also 0130-0328 Mon-Thur, 0630-0830 Mon-Thur. 5965; 1630-2130 daily exc Mon. 6025; 1000-1200; Sat/Sun also 0130-0330; Mon-Thu 0130-0328. HS on 6100; 1000-1200, 0130-0330; also 0945-0830 Sat/Sun, public holidays. 7110; sorry, no times. 7200 and 7710; 24h. 7295; 2230-0130 (Sun-1630), 0530-0630 (Sat-1630), 0930-1630. 9515; 24h. 9665; 2230-0130 (Sun-1630), 0530-0630 (Sat-1630), 0930-1630 (David Samuel, DSWCI SW News 11/75)

PHILIPPINES Veritas at 1230 in Indo on 15272.5 (Mike Willis, Hampton, Victoria, Australia)

SARAWAK My theory correct re another Sarawak site. WRTVH 76 lists 6060 as at Miri, near Brunel border. That makes 3. (Geoff Cosler, Burwood, Victoria, Australia)

TAIWAN Two new freqs at 1130 in Chinese are 9600 and 11915 (Mike Willis, Victoria)

VIETNAM Hanoi HS-1 in Viet, observed 0200 fade in to 1500 on 9622 10060 4932 6448. HS-2 in Viet and other langs, 1100-1500 on 10225 4713 7417 7470. Viet Bac 1100-1400* on 6720 (ex-6863) and 4032 (watch out for Korean station also on 4032) ex-4000. Tay Bac 1100-1430v* on 4770 and 6329 (Mike Willis, Hampton, Victoria, Australia)

EUROPEAN HOBBY PIRATES 6200: Fairbanks Music Stn, R Black Peter Playboy R. 6203; Sound of Sweden, R. Poseidon, Tiger R Int. 6210; B B M.S., R. Westside, R. Revelation. 6220 Skyport R., R. Gloria Int. 6225; West Coast R. King R., R. Valentine, R. Seemöwe/Seagull 6227; East Coast R. 6234; R. Gemini 6235; Time R., R. Skyline 6246; R. Vicky North 6260; R. Valleri 6270; ABC-England. All heard in the last few months. (John Campbell and Poul Foged, DSWCI SW News, 3/76) Most operate Sundaytimes (gh) (YNNARC EROM)

Clandestine Cranny AFRICA Maputo

Radio announced that from 3/4 R. Mozambique would broadcast a daily 15-min English pgm "in fulfillment of the Mozambican people's internationalist duty towards the just struggle of the people of Zimbabwe" at 1800, consisting of news, comment and "other manifestations of support for the liberation struggle of the brother people who are being massacred by the racist minority regime of Ian Smith and his clique". Hrd 3/4 on 11820, nothing but a news bulletin. (BBC MS 3/11) On 2/10-11 MPLA's "Fighting Angola" pgm was broadcast 1830-1900, repeated next day 0530-0600 in RNA-Luanda pgm I; but since 2/12 the evening pgm has been at 2130-2200 (BBCMS 2/19) "Fighting Angola" pgms via Brazzaville HS 1800-1825 have not been heard in recent months. (BBC MS 2/12)

MIDEAST Arabic claud on 5345/9960 IDs as "Saut al Janheer Yemeni" meaning "Voice of the Yemeni Masses" rather than "Voice of the Free Yemeni South". Is my translation correct, Dr. Wood? (David Kernlock, Prescott, England) "Voice of Lebanon", Phalangist Party-operated 2/3 *0600 ex- *0730 on 6580, and gave revised sked: 0600-0700, 1200-1300, 1600-1800; Arabic nx 0615, 1215, 1715; French 1630, English 1645 (BBCMS)

AFROAMERICA The last time I heard RTVA on 7143.2 (in Dec) they had a Sahara Liberation pgm in Spanish from 2300, followed at 2328 by "LV de la Resistencia" for Chile. Is this still on? (Ernie Behr, Montreal PQ) The two daily "LVR" pgms 2300-2400 which are no longer broadcast by R. Algiers on 7145, have not been located recently (BBC 2/19)

EURASIA Four weeks' monitoring of Chinese language black propaganda stns shows: Five stations active on SW V. of Liberation Army, Proletarian Battle Division, Station Sparks (these 3 merged into one), Red Army R. Stn., and Central People's Broadcasting Station. Sked of merged 3: 1000-1013, 1015-1028, 1030-1048 on 7165; 1100-1113, 1115-1128, 1130-1143 on 7521. ID varies from day to day, one ID a day. Times vary slightly; activity: approx. 5 days per week. S/on/off with instrumental "International". Red Army R. Stn.: 1350v-1510v on 7165 (or 7185 or 7290), pgms of 9-11 min, repeated 6 times; also at 2100 on 7165; s/on/off with "Liberation Army March". C.P.E.S. Hrd only 4 times during 4 weeks' continuous monitoring; at (1200?), 1230, 1300, 1330 on 4998 kHz. Pgm length 16-23 min, repeated 3 (or 4?) times. S/on/off with mixed choral "International". Formerly, "East is Red" used as opening mx (Isao Ugusa, Japan)

AUSTRALASIA On 7122v23 I'm hearing a station which appears to be different from the New Hebrides claud, being reported elsewhere; seems to speak an Indonesian-related lang; frequent mentions of Irian Jaya, and R. Australia reports separatist activity there; 0830 past 1000; IS at 0930; (Junqua, Japan)

4 mi-sol-sol | mi-do-la | do-mi-re-re | do
4 | | | | | | | | | | | | | | | |

A 'Tokyo Rose' for Soviet seamen

By Tom Hennessy

MENDOCINO, Calif. — From a clandestine hillside retreat a radio transmitter crackles through the Pacific night with fading strains of balalaika music, then a sultry female voice coos in Russian.

"Hello, Soviet whalers. This is Oktebrina, broadcasting to you from the former Imperial Russian colony in California."

The voice belongs to a Russian-born Californian known to this community's 1,100 residents as "Mendocino Rose," a sobriquet inspired by World War II's "Tokyo Rose."

The broadcast is just one serving of psychological warfare in one of the oddest hostilities of the decade, the Mendocino Whale War.

The war is a two-front assault aimed at saving the California gray whale and other endangered whale species whose numbers are being depleted by the whaling industry.

On one front are Soviet whalers who frequent the California coast and to whom Rose's come-on is directed with the hope—thus far unfulfilled—that the Soviets will lay down their harpoons and defect to the United States.

On the other front is Japan. Since that nation's whaling industry is tied to many commercial interests under Japan's interlocking corporate structure, Whale War strategists are boycotting Japanese products, virtually all of which have disappeared from the shelves of Mendocino merchants.

The USSR and Japan are bearing the brunt of the Whale War since they possess the world's only sizable whaling fleets.

The titular commander of the Mendocino Whale War is sculptor Byrd Baker, 52, a whale-lover who freely concedes that the broadcasts could provoke an international incident.

Says Baker, "I'm sure we're breaking all kinds of rules — conspiring to encourage mutiny, meddling in foreign policy, asking people to commit grand theft. But I believe there has to be a Russian aboard those ships who feels as though he can't kill another one of God's whales."

To lure Soviet seamen from their whaling posts outside the 12-mile fishing limit, the broadcasts blend balalaika and Beatles music with Mendocino Rose's sugary promises — food, housing, retraining in another industry.

"We love the Russian people," says Baker, "but we despise the murder of whales. We tell them that. We also tell them they work in a dying industry, that we have Russian interpreters, and that — if they defect — we will ask Congress to make them U. S. citizens."

One Whale War adjutant vows, "We'll keep broadcasting until one day we wake up and find a 795-foot Russian ship beached in Mendocino and 300 guys saying, 'OK, where do we go from here?'"

Before that can happen, however, the whale crusaders will have to overcome a recent setback. Fearing for relatives in the Soviet Union, the anonymous Mendocino Rose has declined to make further broadcasts.

While they search for a new Rose, Whale War combatants are plotting a more aggressive battle plan, one that will bring them head-to-head with the Soviet ships.

Sometime this spring, the Whale War will take to the high seas in a 30-foot salmon boat recently purchased by member Bob McMillan.

From this "command ship," two members—probably McMillan and Baker—will shift to a smaller, more maneuverable rubber boat.

Their mission: To frighten whales away by placing the rubber boat between them and the whalers.

"Maybe I'll get a harpoon in my backside," shrugs Baker, "but we've got to stop the senseless killing of these magnificent creatures before they're all gone."

Such zeal may be difficult to grasp for those who have never visited whale-conscious Mendocino, a coastal town in an area first settled by Russians more than a century ago. Whales are an integral part of the life-style in this community, where mornings begin leisurely, almost reluctantly.

It is 10 a.m. before proprietors begin opening the galleries and shops that draw tourists from San Francisco, 150 miles to the south. Baker is standing in the middle of Main Street, oblivious to traffic and pointing oceanward to the waterspout of one of the day's first whales.

From Alaskan waters, the California grays are heading south to breeding grounds off Baja California. By March, they will start returning. The round-trip — up to 16,000 miles — continues through most of the year and is believed to be the longest migration of any mammal.

Baker points to the whale for two tourists, then departs with a jaunty, "Have a whale of a day, ladies — and don't forget to boycott Japanese goods."

Boycott signs are everywhere. At the Seagull Inn, Japanese noodles have been stricken from the menu.

At Shrode's, a liquor and sundries store, sake has vanished.

At the Koro-Phorme toy store, Japanese products are not being reordered. Manufacturers are being told in writing why they are not.

At Mendosa's Market, Japanese goods no longer are sold, even though manager Alvin Mendosa admits he is more interested in "cleaning up our rivers" than in the whale campaign.

At The Deli, a popular sandwich shop, owner Jim Coupe no longer sells Japanese beer. "The beer distributor thought that was a little heavy," says Coupe. "But, little by little, I think this is the kind of thing that's going to help."

Russians Jam McIntire

By Carl McIntire

At different times we have had letters from people telling us that our radio stations carrying the 20th Century Reformation Hour were being jammed during the broadcasts. A number of such letters have reached us in recent months concerning especially three stations: WSWN, Belleglade, Fla., WINB, Red Lion, Pa. (the powerful short-wave station); and KXEL, the 50,000-watt clear-channel station in Waterloo, Iowa. Reports from listeners in Florida to WSWN said the jamming was so bad at times that they had to turn the program off. Ever since the Nairobi Assembly of the International Council of Christian Churches with my live broadcasts from there, Station KXEL was jammed and so much so that many stopped listening. The jamming is intermittent, but it begins when the McIntire program goes on the air, and when it goes off, the jamming stops.

We have been praying that God in His providence would expose all of this. He has answered that prayer. In Florida there are two young electronic engineers who are Christians and who began listening to my broadcast on the Belleglade station. Convinced that jamming was occurring, they set out to discover what it was. After considerable activities and detective work on their part, they were successful.

It has been their practice also to listen to Station HCJB in Quito, Ecuador, on the 49 meter band. One morning on 6,155 khz. on the 49 meter band, near HCJB's frequency, they picked up a message in code. They were successful in breaking the code as it was simply an inverted use of the alphabet. "A" equaled "Z" and "Z" equaled "A" and the like. Here they found the name McIntire, the frequency of Station WSWN, and the letters "JM." This was received by them at 5:55 a.m. on January 13.

That morning at 10:30 a.m. when the McIntire broadcast came on the Belleglade station they recorded the jamming. They immediately notified the FBI, the CIA, and the Federal Communications Commission of their discovery. A letter was written to the FCC on January 20, and in a telephone

conversation with an FCC representative, they were simply told to "forget it." The FBI told them that they themselves were monitoring all the shortwave broadcasts and these electronics engineers did not need to do it.

The jamming continued, and the two electronic detectives noticed, according to their report, that whenever I got around to exposing the Communists the jamming began. They then set themselves the task of determining where the jamming was coming from and what was the strength of the signal. They secured the necessary equipment and determined that the signal that was jamming the radio station was between 25 and 27 thousand watts and that the jamming was carried on the same wave length as the Belleglade station. They then were able to determine that the signal was coming from the northeast of their location. This placed the signal out in the Atlantic Ocean off the coast of Florida somewhere above Fort Lauderdale. It is their conclusion that the jamming signal originates from a submarine somewhere in the Atlantic. The weight of a transmitter to release 27,000 watts (and that is to jam only a 1,000-watt signal) has to be considerable.

One thing is certain, a jamming signal is coming from off the Atlantic and is designed to interrupt Dr. McIntire's anti-Communist messages to the American people.

This information has been communicated to me in writing, and then contact was established by giving me a telephone number. This number was also given to the FBI, the FCC, and the CIA. Only four were provided with this number, but already two harassing telephone calls have been received. One of them simply said, "You must stop doing what you are doing."

I went on my broadcast on Tuesday, January 27, and told the story. Since that broadcast there has been no jamming of either the Belleglade station or of WINB, the short-wave.

The two engineers who are monitoring the stations have also determined that the jamming of WINB is of U.S. origin and does not come from Africa. The missionaries in Africa have reported increased difficulty in getting the station clearly. Some of the jamming is of a staccato nature. It is possible to hear my voice but not get enough of it to determine what I am saying.

The latest developments are that following my broadcast on January 27 a representative of the FCC contacted the engineers. They have reported another coded message on January 30 at 6,270 khz. on the 49 meter band which they received at 4:52 a.m. on January 30, and the message contained 270 letters. This message has not been decoded. The CIA has been asked to help in the translation.

There are other aspects of this story, and efforts are now being made to locate the source of the jamming of WINB.

This means a number of things. One is that my broadcast is being monitored when it is broadcast live on several of the eastern stations. When it is carried at a later date on the Florida station, the content of that broadcast is already known, and the jamming which has occurred in Florida has dealt with the portions of the broadcast which are particularly offensive to the Russians.

Under the spirit of détente the Russians have successfully eliminated from the air waves any effective criticism. This has been true of the Voice of America, Radio Free America, and Radio Liberty. It now appears that my broadcast is considered of sufficient importance for the Soviets to set up their jamming equipment to stop it from being heard.

(Typed portions inserted by me from another copy of the same article appearing in the March NNRJ Bulletin.)

Rest via Ernie Behr
from Feb. 5, 1974
Christian Beacon.)

Future Plans

Monumental Task
Top new African
countries soon.
(via Behr)

Transkei

CAPE TOWN, South Africa — On Oct. 26 this year, the Transkei will take the plunge and become the first African "homeland" or Bantustan in South Africa to accept independence as a sovereign state. It will cut its constitutional ties with South Africa and apply for membership in the United Nations and the Organization of African Unity.

The independent republic of the Transkei will have a president and prime minister. It will be non-racial. White South Africans can become citizens. (Although the South African government insists they will have to forfeit their South African citizenship if they do so.) It will join the customs union with South Africa, Lesotho, Swaziland and Botswana, will issue its own passports, have its own defence force and police force — and meanwhile it will retain the top white officials seconded to it by the South African government.

(New York Post,
early January,
via Adam Jaffin)

The Promotion of Bantu Self-Government Act of 1959 made provision for the creation of eight African national units, now being raised to 10: Transkei, Ciskei, KwaZulu, Lebowa, Venda, Gasankulu, Bophutha Tswana, Botsoto, Qwaqwa, Swazi and one other, probably in the central Transvaal, for the Southern Ndebele tribe.

700 at BBC End First 24-Hour Strike; Plan More

LONDON (AP) — More than 700 journalists of the British Broadcasting Corp. ended their 24-hour strike today with a warning that they were planning similar stoppages every week until their pay demands are met.

The strike all but blocked out news coverage on the BBC's two TV and four main domestic radio channels as well as its world radio services. Brief bulletins, prepared by nonstriking or executive personnel, were read at intervals.

(MORE FUTURE PLANS) ALGERIA/CINABESTINE. In the "Voice of the Free Sahara" listeners' mail-bag on 2/9 it was stated that suggestions for the introduction of programs in the Berber language for the benefit of Moroccan not fluent in Arabic were being considered. (BBC MS)

ANTIGUA has the on these Tapes/tapes during 176 (May-August) per THEBSA
5995 0030-0035 50KW non-dir
6010 0115-2000 250 WAM/Mex
6065 0155-0600 250 WAM/Mex
6085 1100-1330 250 WAM/SAM
9545 0400-0530 250 WAM
FRANCE: The director of RFI said in a 2/9 France-Inter interview that his producers to NAM were to begin "pull the room". At present, R. France's external services broadcast only to Europe and Africa (BBC MS 2/12) Probably refers to all-French Inter relay on 15265 1200-1700 (gh)

KENYA For Nairobi Radio, Kenyan radio and TV nets are due for a major reorganization aimed at giving the public improved and efficient services throughout the Republic (BBC 3/11)

Spain may allow R. Liberty's operations for only a few months. Negotiations were to begin in Madrid the week of 3/22 on renouncing R. Liberty's lease on its Playa de Paris super-power transmitter, which amount to 80% of R. Liberty's power. The presence of the trans-counterintelligence, US says refusal to accord another long-term lease might endanger Senate ratification of a treaty that would give Spain more than \$1 billion in return for continued use of military bases. The US built the station but it is technically Spanish property. Leased to R. for \$250,000 a year. (Henry Ginzler, NYNS via Technically Counter-Journal 3/15)

UNCOBAMA BBC External Services must save 400,000 pounds in the fiscal year beginning 4/1. Will remain on the air 24h a day cuts will be in areas like "live" music (Letterbox 2/28)

Belgium BRT-4 DX programs continue. On the 4th Saturday of the month and the 1st of Spanish at 2300/2345 and 2230 repeats before 2330 on 11805 to 5mi after 2345 on 9755 to NAM. (SCDX 3/9) They used to repeat on 2nd Monday but not published; and sat now? (gh, LN-2)

BRAZIL (Of Mar LN-15) Poor reception prevented check for RNB's alleged Sat. DX show until 3/20, when net aired 2100-2145 when WYR reportedly came up on 11780 (gh)

CANADA "Distrito en Marcha" Spanish DX program on RFI continues, the cut back to 15 mins at 0035-0050 on 11940 9535 6040; 0335-0350 on 9655 6045, Sundays GMT. On 3/22 cut off DX tips from a Toronto Hispano in order to play a musical interlude. The German DX program, now mixed in with a "cassette club", still airs Sundays 1745-1800 on 17820 15325 via Davenport 2235 and 5995 and at 1845 on 809 MHz and 90.2 MHz. On 3/21 an episode translated from the history of broadcasting in Canada was aired (gh)

FRANCE on 11875, RFI DX program with freq. late and times at 0820-0825, in French 1/24 (Denise Allen, NSW, Australian DX News) Never heard of a DX program here before; 1/24 a Sat (gh)

GERMANY WEST DW's Spanish DX program was not mentioned in the 2305 p.m. summary on 3/20, the third Sat, as had been said however, even I was not motivated to listen for the next 85 minutes on 9545 to see if it showed up anyway.... (gh)

HUNGARY Besides Radio Budapest's 15-min DX programs which remain the/next to 8u 155, and Wed/Sat to NAM at 0400 and which are again becoming audible with spring condx, "daily" DX spots are asked during April at some different times than in Jan LN-6 Sun 0324 1047 1247. The 0221, Wed 0324 1050 1236 1450 2150. The 0220 0324 1050 1224 1450 2150. EPL 0224 0324. I suspect there have actually been no shows other than in RB's periodically changing program guide format: (gh) However, no change the asked Wed 3/24 0324? (gh) Note below.

ISRAEL Due to IM pm split, DX Corner asked to Sun c. 2250, but not hrd 3/7 (gh)

MALTA AVR French DX program now every 2nd Sun at 0730 ex-Fri, on 9635 via SCDX 3/9 (gh)

NEW ZEALAND Arthur Cushman's DX World has been resked again, to first Wed, 0610 on 9845 and 11780; 0910 on 6105 and 9520; following Sat 2330 on 11960 and 15380 (HCB 3/8 and SCDX 3/9)*

NEW ZEALAND (more) Sat 11 0945 3/3 (Tom Jones, Parramatta, NSW) April, May may differ (gh)

HUNGARY (more) Spring sked satir 4/4 1515 Tue/Fri DX pm on new 6150; 0400 Wed/Sat moves to 2215 (RB DX pm 3/24) Hope Moscow of 1215 by then; (gh)

LAST MINUTE ITEMS CONGO/CINABESTINE "Voice of Namibia" in English heard at 1730, announces Mon/Wed/Fri, on 15195X (Indian contact to SCDX 3/23 via (gh) 15190

PHILIPPINES 11800 latest R. Veritas freq, 3/14 in Indonesian at 1522 (Robert Yeo, Victoria, NU 3/20)

BOLIVIA/COLOMBIA On 5055 I get a spur from R. Sutebnza-5095, not R. San Rafael, which is supposedly inactive (Al Slater, New Haven CT, NU 3/20)

BOTTOM LINE THE THURSDAY Central TV services will soon be brought to Van when a new circuit between Batman and Van is completed (BOMS 1/8)

Broadcasts in English AFGHANISTAN Per Victor Gometilleke in Sri Lanka, R. Afghanistan now is on 3286 with English at 1400; PBS also on freq. (Junqua)

ALGERIA R. Algiers English pgm extended to 1900-2000 on 11910 but sometimes French or Arabic noted instead (David Kernick, Prescott, UK) Also announces 15420, 9610 (BBCMS 2/76)

ASCENSION BBCWS M76 complete: 9695 1700*1745 Ssf 7105 0400*0630 E/Caf
 17840 1500-1615 CAm/NAm/Crb 9600 0500*0915 W/Caf 6140 1800-2115 Ssf
 15400 0730*1745 S/W/Caf 9580 2000-2245 E/Caf 6055 2245-2315 SAm
 1600*1745 Eaf 2000-0330 SAm 6005 1800*2245 W/Caf
 15260 2000-2115 SAm/CAM/Crb 2115-0330 CAm/NAm/Crb 0330*0400 Eaf
 15105 1645-1815 E/Saf 0300*0430 Eaf 0400*0730 S/W/Caf
 11860 0730*1130 W/Caf 0400-0430 W/Caf *includes African alternatives when sked; #includes
 11770 1600*1745 C/Waf 7270 0500*0700 Ssf A.A., French, Hausa (gh)
 11740 1615*1645 Ssf 7105 0300*0430 Eaf

AUSTRALIA See LN-3 for Camarvon sked, including English (gh)

BANGLADESH 0445-0515 ME 21685 15400; 1230-1300 WEU 11890*; 1815-1915 WEU 7250 6015 (NHK DX 3/21) *changed to 15160, time given as 1200-1300 (BBC WRC 3/17)

BELGIUM BRT pulled an RFI on us--expanding instead of dropping English! Resked to 0015-0045 to Nam on 9730; and additionally to Africa at 1730-1800 (music from 1715 also may be announced in English) on 11940 9745. No thanks to RTB, but to BRT-4, the newly organized SW section of the Dutch network (BRT4 via Rob Harrington, Englewood CO) Not on 9755=SCDX(gh)

BULGARIA As is known, R. Moscow to ENam is relayed by R. Sofia facilities on 6070 (and in the summer, 9700 -gh). What is probably not known is that the xmtar on 7105 (and 9655, 11870) is also Sofia. This has been determined by propagation studies, which exclude anything within the USSR for this freq. A new relay is on 7115, most likely Hloviv in southern Bulgaria, as behaves Bulgarian but is more distant than Sofia on 7105/7255. The existence of these relays explains why the ENam service is broadcast to SE Europe on 4860 6045 6175 (the 6170 jammer is often heard on 7115;) (Olle Alm, Sweden, DSWCI 2/76 via M'Neil) see USSR(gh)

BURUNDI Sked per QSL from R. CODAC: Sun 0645-0730; Mon-Sat 0500-0515 on 3973, 4900 (Fritz Buttner, Germany, via DSWCI SW News 3/76)

CANADA (Cf Mar LR-C-5 9580) I believe all the BBCWS feeds for CBC relay are via transatlantic cable, not off the air. This explains both the poor audio quality and the lack of relayed selective fading. Lacking good direct reception from England, I prefer CBC relay for 'live' news shows, and Ascension for pre-taped features (gh) Congo on 15190;

CONGO Cf Feb LN-4, reporting English only on Tuesday; well, today is Monday and I heard English on RTVC 2/23 2130-2143 on 'liberating Africa from imperialists' (Mike Pernaho, Chisholm MN) Look again; report did not say only Tuesday; said every Tuesday. However, it is important to specify days of week much more than is commonly done! (gh) Excellent sigs Mon-Fri at 2130-2145; also on a Friday extended for teachers to 2215. I also found out that the English newscast is heard Sats 2115, Suns 2250; start times vary, e.g. Fri 2135 (James A. Conrad, Waterloo IA) Please cite sources; this was likely SCDX 3/2, Richard Ginbey (gh)

ECUADOR HCJB M76: Nam 0100-0500 11915 Eu 1730-1800 17755 15310 / Spac 0500-0830 on
 Nam 1215-1630 11745 0100-0700 6095 9560 1900-2030 17755 15300 11745 / 11915; 0700-
 1230-1630 15115 SAm 1230-1630 15160 0700-0830 9760 6130 /045 9745; 0830-1045

EGYPT R. Cairo has been running test transmissions in various languages, on 6130 (RA 3/14) including English at 1715-1845 to C/Saf, 3 days per frequency; 16-18 Mar on 11840; 19-21 Mar on 11955; 22-24 Mar on 15145; 28-30 Mar on 15430 (SCDX 3/16 via gh)

ENGLAND CBC via Daventry, initial M76 sked: RCI 0620-0640, 0700-0720, 0740-0800 on 11720, due south; 7155 and 6125 SE; Armed Forces (also in French) 11443-1215 SE on 11720 9560; RCI (As It Happened) Sun only 1400-1500 on 6195, 1500; all 100 kw (RCI via McFarland)

ETHIOPIA ETLF M76 0530-0610 Waf 11800 1810-1825 Eaf 9705 1945-2030 Waf 11930
 0400-0425 Eaf 7165 1700-1710 Eth 6015 1830-1910 Ssf 7145 (Jon Cohen, NJ)

GERMANY WEST DW M76: 0930-1030 FE/AuNZ 9650 11850 15275 17825 17800 21540; 2100-2200 FE/Au NZ 7130 9765. SAs 0120-0220 6065 7210 7285 9545; 1720-1750 7160 9590 11705 11785 15405-ex-9590; C/Eaf 0430-0515 5990 7150 7225 9565 9765; Waf 0600-0630 9615 9700 11765 11905 15275; C/Eaf 1045-1115 11785 15410 17765 17875 21500 21600; Waf 1200-1245 15410 17765 17875 21600; C/Eaf 1715-1745 7285 9735 11850 15135-ex-11810; Waf 1930-2000 9765 11905-ex-11785 15150-ex-9765; Nam 0130-0150 6010 6040 6075 6100 9565 9605-ex-9745; 0530-0550 6100 6185 9545 (DW via Henry DuRant, MD, and gh) Relay sites included but not specified; 9605 is Germany (gh)

GREECE Voice of Greece, strong under R. Moscow on 9520 at 1515 to Nam (Bill Sparks, San Francisco CA, undated via NU 3/13) Replaced by 15210 (BBCWRC 3/17)

INDIA Delhi in GOS around 2110 on 11620, news, good level (Rob Wagner, Balwyn, Victoria)

ISRAEL Cf Mar LN-6 IBA M76 actually differs. 2000 xman remains then, not 2030, but cut to 30 mins, and remains to Nam plus WEU, high power on 11645 9815 7412.5; also 15485 15100 11700 9630 9009 7395. 2230-2300 actually on 11645 9720 7412.5 highpower, and 12025 to WNA; also on 9495 5900 11700. At 0500, 9009 is to WNA, not 9815; also on 11700 9630 7395 5915. At 1200 on 15485 instead of 17815, rest same. Sometime this month, Israel should go on DST, meaning 0500 moves to 0400, 1200 to 1100 if not further retimed. (IBA via gh)

JAPAN NHK M76 changes: 11960 ex-7195 at 1830 to Eu; 11705 ex-7250 at 2015 to ME/Waf; 15270 ex-11705 at 2345 to Nam (NHK 2/29 via gh) And, stayed on 5990 for G.S. to Nam at 1400: (gh)

JORDAN R. Amman/R. Jordan English service 1000-1300 7155 to Eu; 1500-1730 9560 to Nam. No longer an external service the beamed to these continents (BBCMS 1/76) I.e. HS pgms (gh)

KOREA SOUTH Seoul in Eng/Fr 0345 on 11860 (Dennis Allen, NSW, ADXN) Probably 11850 xmtar problem; varied 1-2 kHz 1/30 (Bob Padula, Victoria, ADXN)

(MORE ENGLISH) LORD HOWE ISLAND Per R. Australia, there is now a radio station here called "Radio on Lord Howe Island" on either 1496 or 2896 kHz (Shaler Hamisch, Pasadena CA, via SCDX 3/2) Already was a MW stn on 640; note that per WRTVH, postal code is 2898, so this may be a false alarm (gh)

MALTA R. Mediterranean with IERA pgms Sun/Mon 2030-2100 on much-better-than-6055 6035. (David Kernick, Prescott, UK) "Malta Calling" here Sat 2045-2115* (Bob Padula, TDXN;2/21)

NETHERLANDS RN Lopik M76 complete; all other English from RN via Bonaire or Madagascar: 1400-1520 S/SEAs/FE/Eu 21480 17810 15415 6045 5955 2130-2250 ENAm 11730 9715 (exc. Sun.) 1830-1950 Af/Eu 17700 11730 6020 0930-1050 Eu 7240 7210 5955 6045 (RN via gh)

NEW ZEALAND Contradicting Mar LN-6: RNZ to Pac 1700-1830 6105, 1840-2000 11780; 0645-0845 11780 stead 6105; rest same (R. Australia DX pgm 2/29 via gh)

NIGERIA Lagos has a new pga on 15120, 1100 well past 1200, "The Educational Service of the N.B.C.", noted 1/21 (David Sapsford, UKOGEBANI, via Australian DX News)

PAKISTAN R. Pakistan haven't been noted with UK service 2100-2145 on 6235 or 7045; dropped or freq change? (David Kernick) Currently heard on 7045, ex-7085, and 6235 (BBCMS 2/12) News in English now at 1430 to Persian Gulf/ME on 17665 11885 9460 (BBCMS 2/19)

PHILIPPINES Per R. Veritas anmt, as of 2/29 they are testing to S/SEAs 0100-0200 on 15310 and 1400-1500 on 15270. Everything else seems to be "off". Earlier in February they had also used 11725 at 1400; 15135 at 0213; on 15310 as early as 0050. Announcements are introduced by the "Promenade" theme for "Pictures at an Exhibition". They announce a new address, Box 939, Manila. RV was more or less like equine feces--all over the place! (Gib Junqua, Ibaraki-shi, Osaka, Japan) NOTE: RSN's slick M76 sked quite diff, but I go with this;

SOUTH AFRICA RSA March freq sked came into operation on Feb. 1--to allow for installation of new xtra. Sked thru May 1: 1300-1456 C/Eaf 15220 2056-2150 Waf/Eu 11900 9585 0256-0426 Eaf 7270 5980 3230 1300-1550 C/Eaf 11900 7270 5980 0611-0705 Waf 15220 11900 (Mon-Fri -1450) 2226-2320 Nam 11900 9585 5980 1056-1158 C/Eaf 21535 15220 11900 1556-1650 Eaf/ME 21535 0956-1045 Antarctica Sundays only 15125 (via H. DuRant, MD)

SWAZILAND Contradicting Mar LN-15, TWR English daily 0715-1100, not -0900; 1800-2100 on 5950, not 7255; rest same (R. Australia DX 3/21 via gh) 20 1/2 6065K Eu 23 11705K Nam

SWEDEN R. Sweden M76 27min pgms 14 1530SH Nam 16 15240H ME 9535H ME 02 1/2 6045K Nam 11 9630K Eu 12 1/2 1530SH Nam 17795H SAs 18 1/2 6065K Eu 11945H Af 9695H Nam 21690H Af 21690H Af 16 6065 K Eu 15240H Af 23 6045H Nam H-Hörby/K-Karl-12 1/2 11705K Eaf 14 15240K SAs 9665 H Eu 17795H Af 9605H Nam sborg (DuRant)

SWITZERLAND New freqs for M76; 11950 at 0700, 0900; 17830 at 1315 (NHK DX 2/29 via gh)

SYRIA R. Damascus now uses 9545 at 2030-2200 (David Kernick, Prescott, Merseyside, England)

TAIWAN BBC M76 shows new 10-min English pgms on 5980 to SEAs at 1550, 2320, 0720. The 11825 channel at 0200 (cf Mar LN-5) is the one for Au/NZ (HGJB DXPL 3/12 via gh)

TANZANIA RT's 0900-1030 to Eaf observed on 9530 ex-9750 (BBC MS 3/11)

THAILAND RT back on 9555 at 1040-1140 since 2/16, actually 9554.5 (Gib Junqua, Japan)

TURKS & CAICOS Another SWBC station in danger! QSL for NASWA special from W. G. Grant asks (1) Do you think that having an SWBC increases overseas knowledge of the Turks & Caicos Islands, and if so, (2) Do you believe that tourism in the T&C would increase as a result of this increased awareness? Because the continuance of SWBC does cost money, it is necessary for the T&C government to decide whether or not it is economically worthwhile. We welcome your comments. Isen indicates the SW xmas has basically ceased and may be completely terminated unless T&C govt. is convinced it is worthwhile. (Tom Overcamp, Seneca SC)

UGANDA The UBC 1615-1730 English xmas to Saf on 9515 may be reduced when Kampala begins Afrikaans and Shona at 1655 (BBCMS 2/19) Shona now at 1730 (BBCMS 3/11)

USA Unless an April Fool joke, which was in no way implied, there may have been a one-hour SWBC on 4/1 from Big Bear Lake CA on 1622 kHz...from licensed KFX669, 250w non-directional, presumably a remote-pickup companion to KBBV-1050, which was scheduled to test for IRCA at 1030-1130. I advised several SW DXers of this in time, and we'll see... (gh) WINB running as late as 2215 on 11775, not 2200* as in WRTVH 76 (Rob Wagner, Victoria) to 2245 (gh)

USSR (See LN-1 for partial R. Moscow/R. Kiev/R. Yerevan M76 skeds) The sites on QSLs and in IFRB lists are usually in same general area, but there is no exact coincidence in 80 or 85% of the cases. They may note Alma Ata when they use Tashkent, Tashkent when Dushanbe, Frunze when they use Alma Ata, etc. This system has been in constant use for all the 10 years I have been studying Soviet radio. Most non-Bulgarian relays to ENAm are in Ukraine, except 7440 Novosibirsk and 9800 Tashkent. (Olle Alma, Sweden, DSWCI 2/76 & via M'Neill)

VATICAN (ITALY) VR as of 1/76 (BBC 1515*1530 S/SEAs 15165 2030-2045 GB/E 9645 7250 6190 0100-0115 Nam 9605 6165 5995 MS) 11790 9590 2045-2100 C/Saf 15120 11705 9625 1115*1130 Eaf 21485 17840 1700-1715 Eaf 17900 2115-2130 Waf 15120 11705 9625 1200*1220 C/Waf 21485 17900 17840 15120 11830 2210-2230 AuAs 11705 9615 7235 1450-1505 GB/Eure 11825 9625 7160 6190 *not Sun #M/W/F 2230#2300 SEAs 11705 9615 7235

VIETNAM VOV sked just received shows English 0100, 1000, 1300, 1600, 1800 all on 12035 10040 (John Moritz Jr., Youngstown OH, 3/12) Contradicts Mar LN-5; not sure which recenter (gh)

YUGOSLAVIA R. Beograd sked effective 11/1/75; See Program News for what's on (gh) 1530-1600 11735 15240 9620 2000-2030 6100 7240 9620 (via Tom Overcamp, Seneca SC) 1830-1900 6100 7240 9620 2200-2215 6100 7240 9620

UKRAINE R. Kiev sked announced 3/17; 1930-2000 Eu 7360 6020 5920; 0030-0100 Nam 05455 15180 15140 12050 9700 7205 7150 6020; 0300-0330 Nam 11860 9780 9580 7400 7260 7240 7140 and 6020. I'd like to see up-to-date skeds of other USSR stns (Ciro Guarducci, Cassiar BC)

Program News YUGOSLAVIA R. Beograd daily pgms include news, commentaries, home and international politics, topical events; and at 2200 daily, news from at home and abroad; and current events. Folk music at end of each broadcast. Weekly features:

	1530	1830	2000
Mon	Past Few Days in Yugo: sports round-up	Self-Management in Practice; From Yugo Papers & Periodicals	Foreign Political Commentary
Tue	From the World's Meridians; Answers to Listeners' Questions	Foreign Political Commentary; Economic Review	Cultural Review
Wed	On Science & Technology	Yugo Forum; Tourist Guide	Commentary Today
Thu	Meet Yugoslavia	Review of Home Political Events, Yugo Cultural Life, Answers to Listeners' Questions	Youth Magazine
Fri	Yugoslav Realities	Economic Events; Cultural Review	Progressive & Liberation Movements of the World
Sat	Current Events	International Economic Review; Travelling Thru Yugoslavia	Saturday Pop Parade
Sun	Sunday Concert (via Tom Overcamp, Seneca SC)(Effective 11/1/75)	Sunday Magazine	From Our Reporter's Notebook

VATICAN R Vaticana has a new monthly programme-guide available upon request. (H-J. Ackermann DS/CI-SW News 3/76) Long needed; wonder if mailing list established too? (gh)

THAILAND Some R. Thailand pgms: Sunday magazine summarizes Thailand's current affairs, special events, and new developments: 0440-0500; 1100-1115. Mail Box, acknowledging reception reports, last Monday of the month at same times. Topical Talk, Press and Public Views, daily 0505-0530 and 1130-1135. Thai Music Scene, Sun 0440-0505, 1100-1130 (Beirne Konarski, ASWIC 2/76)

PAPA NEA GULNEA NBC evening sked effective 6.7.75, Mon-Fri 0600 News, 0605 Music, 0630 Young World, 0700 Listeners' Choice, 0715 Bible Story in English, 0720 Listeners' Choice, 0730 Harim na Tingim, 0800 News in Simple English. **Mon:** 0810 What's Happening, 0830 Sporting Highlights, 0845 Produce Prices, 0900 News, 0910 Contact, 0930 Form Four Quiz, 1000 News in Pidgin & Motu, 1020 Stori Bilong Ol Tumbuna, 1030 PNG Favourites, 1100 News, 1110 Countryman's Session, 1130 From Me to You, 1300 News, 1305 After Hours, 1350 Evening Meditation to 1400*. **Tue** differences: 0810 Tok Tok Bilong Skul, 0930 Luk Luk Nabaut, 1020 Music of PNG (Pidgin), 1030 Here there Everywhere, 1130 Correspondent's Report, 1200 Musical Show. **Wed:** 0810 Wanem Santing I Kamap; 0830 Industrial Affairs alternating with Music, 0930 Form Four English, 1020 Music of PNG (Motu), 1030 Our World of Pop, 1130 same, 1200 My Kind of Wednesday. **Thu:** 0810 Dahaka Ia Vara, 0930 Kivung or Newsmen (alt.), 1020 Music of PNG (English), 1030 Music-Cowboy Style, 1130 PNG Favourites, 1230 The Wilfred Thomas Show. **Fri:** 0810 Let's Look at the Week's News, 0820 Sporting Preview, 0930 Folk Music of Asia and the Pacific, 0945 Current Events (Pidgin), 1020 Iseda Gori, 1030 Current Events (Motu), 1045 Music, 1130 PNG Favourites, 1200 What's New On Record in PNG, 1230 Just a Minute (BBC). **Saturday** are different: 0600 For the Young in Heart, 0630 Top of the Pops, 0730 Listeners' Choice, 0800 Listen & Think, 0810 Science & You, 0830 Songs of the Islands (Motu), 0900 News, 0910 Saturday Night Show, 1100 News, 1110 Sat. Night Show, 1215 Saturday Late Show, 1300 News, 1306 Saturday Late Show, 1350 Evening Meditation. **Sundays:** 0600 Hullo Tomorrow, 0630 Listeners' Choice, 0730 History of PNG, 0745 Police Programme, 0800 News in Pidgin & Motu, 0815 Frontier, 0830 Community Hymn Singing, 0900 News, 0915 Sporting Highlights, 1000 Stop Na Ting Ting, 1030 Songs of the Islands (Pidgin), 1100 News, 1115 Sunday Playbill, 1215 Singers of Renown, 1300 News, 1315 Popular Classics, 1345 Epilogue, 1355 Music for Meditation. (via R. Cranton, Maywood IL) Note: well heard on 9520, then 4890 or 3925 (gh)

(MEXICO) Have you noted the surge of Mexican music on non-Mexican stations? I noted it in quick succession on a Colombian, a Venezuelan, and on HRN. Also on Brazilians and on TIHGB-6006. No wonder, either. Mexican MOR is good listening for sure. I enjoy Mexican ranchero music too--it's rather like the howling that my Kentucky grandmother used to lay on me, hi. (Charles A. Taylor, Indianapolis IN)

CUBA Observations reveal that RHC now has a pgm "From Chile to Chile" in Spanish at 1705-1718--news, declarations of solidarity, statements, interviews, commentaries (BECMS 1/8)

COLOMBIA Radiodifusora Nacional MW programming, effective 1/12/76 (relayed on SW), excluding "Cortes" at 50 or 55 past many hours; and "Ciclo" on hours otherwise unaccounted for:

Mon-Fri	Tue-Sat	Sunday
0940 Sintonía y ajuste	0730 Tercer Concierto	0000 Música para Todos
1000 Bachillerato radial	0430 Reloj del Mundo	0100 Conciertos Colombianos
1200 Reloj del Mundo	0500 Cierre	0200 Colcultura
1300 Primer Concierto -1450	Saturday	0230 Concierto
1530 Calendario Musical -1550	1110 Sintonía	0430 Reloj del Mundo
1630 Música Colombiana -1650	1130 Música Colombiana	0500 Cierre
1730 Noticiero Colombiano	1200 Reloj del Mundo	1120 Sintonía
1800 Segundo Concierto -2050	1300 Radio Revista	1130 Música Colombiana
2100 Lo que Vd. Solicite -2150	1700 Antología	1200 Servicio religioso
2200 Música Colombiana	1730 Noticiero Colombiano	1230 Gran Concierto (all
2230 Transcripciones/Embajadas	1800 Recital de la Semana	Monday day)
Mon Argentina	1830 Antena del Saber -1955	0000 Teatro Lírico
Tue Italia	1900 (sic) Música para la	0100 Teatro Radial
Wed Brasil	escena	0200 Concierto y Recitales
Thu Colombo Americano	2230 Academia de la Lengua -2250	0400 Cierre
2330 Noticiero Colombiano	2300 Transcripciones	(via R. Cranton, Maywood IL)
2400 Bachillerato Radial -0150	2330 Música Colombiana -2350	On 4955 6030 9633 15336 (gh)

Miscellaneous Radial DON'T YOU BELIEVE... ...that Belgium's English and Western Hemisphere broadcasts ended 3/7; see LN-7 (gh)

...that RNE/Spain has dropped its programmes in English, French and Portuguese to Europe, and Portuguese to Brazil, as DSWCI 3/76 quotes BBCMS via WRTH. No such programs existed in the first place (gh)

...that you can still hear SMR/Swaziland on SW, as implied on Mar LN-8. SCDX 2/17 has a report from Glnbey indicating they remain on MW only (gh)

...that Radio Swan operates on 6185, in English, and in the 19, 31 and 60 meter bands, as Keith Glover totally misinformed a listener on the 3/7 R. Australia "Mailbag" (gh)

...the Mar LN-14 WFR sked on 17790 to ENAM; it's ESAM (gh) ...the "5-tone boat" on Mar LN-15. It may be, but it was supposed to read "5-ton boat" (gh)

...that BBC-15260 at 2300 during winter was a "Pacific-area relay" as guessed on DX Party Line 3/4. BEC has no such relays; it was simply Ascension (gh)

...that just because BEC registered frequencies for J76 for Antigua, that they will promptly begin using them on May 2, as Roger Stubbs leads us to believe on HCJB (gh)

...that summer begins around March 3 (in the northern hemisphere) as Ian Davey stated on BBC World Radio Club of that date. While some people informally advance season openings by 3 weeks, this one is known as "spring". Summer starts in June. Just three months off (gh)

...the Feb. SWNS item from the 1/30 New York Times that direct satellite broadcasting would take place one day on the 11-14 and 18-30 MHz bands. This should be GHz, a thousand times greater. ...that 2.5, 5, 10, 15, 20 and 25 kHz are standard frequencies, as Al Stewart told us, twice, on TWR DX Special 3/13. This should be MHz, a thousand times greater (gh)

...that "kilohertz" is the same in all languages. In Cree it's "Guy Meekimij" (gh)

...that times such as 1000 and 2000 should be pronounced "one thousand, two thousand", as I've heard on R. Australia and HCJB. They're "ten hundred," and "twenty hundred!" (gh)

...the time signals from Uganda, which are 2½ minutes off, or even from Kenya, which may be 15 seconds off, especially if you're a mariner (Contributor to BBC Letterbox 3/20 via gh)

...the program times for Costa Rica in the March International Listener: CST, not GMT (gh)

...our previous spelling of Dr. Bundolo; now CBC NS sked matches the ear with Bundolo (gh)

...that the As It Happens Personal Classifieds only go out to 'more than 400 communities across Canada' as they announce every time. They're thinking small in Toronto (gh)

...that Radio Malta is a religious station (and on 6055) as on DX Party Line 3/7 (gh)

...that God adjusts the MUF for TWR's benefit, as TWR's propagation manager asserted on DX Special 3/6 (gh)

...two recent reports in SPEEDX-GRAM that R. Peking uses Lasa-9490 in Spanish or Port. at 2315. They're sked for Spanish on Mirana-9500, and China-9480, but per Mar LN-3, Lasa-9490 is used for Tibetan after 2330, which would overlap the 2300-2400 Spanish xmen (gh)

...that PJB-800 belongs to TWR. R. Nederland's 2/28 Espacio DXista claimed that RN leases it to TWR, but I think they've got it backwards... (gh)

...the 15 and 30° parallels marked at the left of the map on p. 54 of WRTVH 75; they should be 30 and 45° (via Barry Niendorf, Wellesbourne, Warwick, England, DSWCI 11/75)

...that Canadian postal codes ever follow any format other than letter/number/letter/space/number/letter/number. On the air, I keep hearing I's and L's confused, and zeroes and ons. And zeroes and ones appear often. A confusing system, unless you understand it! (gh)

...that Mexico is in Central America as in WRTH (Victor Jaar, PQ) They mean culturally, and should call it Middle America (gh)

...that the station on 5041 is called "R. Bissau". Its new name is "Radiodifusora Nacional da República de Guiné-Bissau" as I reported to NASWA several months before we received WRTH 76 (Victor Jaar, Charlesbourg PQ) ...that 6060 is Rome all the time. What I had reported is that during the "Notturno d'Italia" program, 6060 is listed as Rome. Presumably, other times it is Caltanissetta, just like 7175 and 9515 (Victor Jaar)

...my DVB item in Mar LN on FEBC. Rats: both the reporter and I are correct. DZH6 is not in the FEBC Foreign Service, but both he and now I have heard the "FEBC Radio International" ID. At that time MW DZAS was broadcasting FS programming, so its SW outlets were too. Actually, the distinction is piddling. (Charles A. Taylor, Indianapolis IN)

IN MY OPINION: Kia Andrew Elliott, Minneapolis MN: "The introduction of a section on programs is, in my opinion, the best thing that happened to NASWA since I became a member.

SWBC stations exist because there is an audience for their programs and not because there are people writing in for QSLs. Unless there is more attention among listeners to program content and less attention to chasing QSLs, I fear for the future of international broadcasting. NASWA, as the foremost authority on SWBC; should also be the number one authority on shortwave programming. I hope response to this section improves. The LN clipping anthology is a great help I especially appreciate too"

Rob Wagner, Balwyn, Victoria: "Although I am a lover and a performer of contemporary and popular music, I sometimes get a little disappointed at hearing American, British, and other pop music coming from countries where Western music is not generally played...surely, some sweet sounding Malaysian melodies on RM via Kota Kinabalu-15290 Sat 0705 would have been just as appropriate as "Non-Stop Pops" and equally appreciated by the audience. After all, if we want to freak out on the latest hits then we don't really need to listen to a station thousands of miles away! Asian, African and other stations should try to promote their own cultural interests and not try to compete with their western counterparts!"

Adam Caffin, Brooklyn NY: "I agree partially with Charles Taylor's periphrastic but still quite perspicacious pleonasm in the March LN. But, while it may be pentasyllabically perceptible, the part about popular patronism of patterns put forth by public personages is poppycock. How many people can plagiarize the palatine precepts of Nelson Rockefeller, to ponder just one example?" (gh)

ILLEGIBLE pages in your copy of LN? Say which with a SASE and I'll send free replacements.

Radio pioneer Eddie Startz died on March 17, at the age of 77. His career as producer and host of the "Happy Station" on PCJ, and later Radio Nederland, spanned 42 years, and won him untold numbers of friends throughout the world. Those of us who have been SWLs longer than 5 years remember his programs well, and miss him more than ever now. His successor, Tom Meljer presented a special "Happy Station" in his memory on March 21 (gh)

BEACONS We DXers tend to ignore possible openings above 22 MHz since even so there is only one SWBC station active on 11m (Israel); yet, there are many harmonics, some from exotic stations, to be heard in the 23-25 and 27-29 MHz regions. For a quick check on HF openings, tune for these ham beacons, which may be assumed to operate almost continuously, at least during local daytime:

28160 PYLCK Rio de Janeiro, Brasil	28180 5B4CY Cyprus
28165 VP9AA St. Catherine's, Bermuda	28185 GB3XJ England
28170 ZL2MHF New Zealand	28190 3B3MS Mauritius
28175 VE3TEN Ottawa, Canada	28195 DL6IEI West Germany (or DL0IGI? gh)

(via Ron Ham, Faraday, Greyfriars, Storrington, Eng.)

TIME STUFF Once again many countries are advancing their time an hour for local summer. In some cases this affects broadcast schedules. Turkey goes to GMT plus 3 at 0200 3/22, to continue until 10/31. The Greek area of Cyprus goes to GMT plus 3 4/10 to 10/10. And on the same date, Spain goes to GMT plus 2 (BECMS) Spain should be on GMT in first place (gh)

THE DOGHOUSE HGJB make some queer frequency movements, such as to 15430 last November mixing with AFRTS. I sometimes think that they do this merely for the sake of moving, and for no other reason. They had registered 15435 as an alternate outlet for this period, and which would have been more appropriate than 15430 (Bob Padula, ADXY) They were on 15435 for a few days, but didn't like it for some reason. Now, they're back on 15160, out of the doghouse! (gh) IBA/Israel for going on 15330 1400-2000 to the USSR, thus bringing down jamming on AFRTS (gh)

PUBLICATIONS List of DX Clubs of the World 1976, 4th edition, has just been published. It contains 12 pages of listings showing basic facts about many clubs, including the year founded, number of members, printing method, number of English pages, annual fee, and fields covered. Very handy reference, though not complete, as clubs such as NNRC apparently did not respond to questionnaire. Free on request from R. Sweden, S-105 10 Stockholm (gh)

List of German-language Stations, 14 pages in German, published in Japan! Includes names, times, frequencies, IDs, addresses of more than 70 stations; German report form. 5 IRGs by air (only 4 to Asia, Australasia), 3 by surface from Kazunori Ushigome, IPO Box 5256, Tokyo 100-41, Japan (Yoshiaki Hayashi, R. Australia DX 2/29)

BCL $\Psi = \text{ユル}$ is a most impressive annual published in Japanese, 386 pages, many of them glossy with QSL photos in color, lots of advertising for receivers, country-by-country listings à la WRTVH, band graphs for 60, 31 and 25m, articles on many many stations, with photos, including practically every Japanese private MW station; club plugs, including for NASWA, and even a 10-minute record of interval signals. Domestic price 1200 yen, plus 200 for postage. Thanks to its editor, NASWA member Koji Yamada for a look at it! (gh)

WVUS (C# middle of Jan LN-7) This alter-ego to WRUL (later WNYW, WYFR) I logged on 11/23/62 on 17760 at 1455, SINPO 45544 with VOA Spanish programming ID from tape runs: "This is International Radio Station WVUS, carrying programs of the Voice of America from studios in Washington, D.C. WVUS is operating on 15.44 Megacycles in the 19 meter band and 17.76 Megacycles in the 16 meter band" and the same in Spanish. Also logged 8/12/62 on 17760 at 2215-2230* 43533, saying it operated from 1200 also on 15440. Certainly no reason to believe it was anything other than WRUL from Scituate--same frequencies, same ID style (gh)

BECMS MEDIUMWAVE INFO (space-A) **BRAZIL** Altho 800 MW stations exist in Brazil, there has been no allocation plan. A basic plan allowing for 1400 stations was to be signed in March by the Minister of Communications, and it would set a deadline for freq. allocation ((3/11)

CZECHOSLOVAKIA A 600-kW xtr is under construction in Kosice-Ciztice, to be commissioned at the end of 1976 to carry the "Hvezda" program. Will be most powerful in Slovakia (2/19)

GABON A loan has been approved to purchase GFR equipment for a stn in Wolsu-Ntem province.

HUNGARY Two 1000kW xtrs are being assembled at Solt to replace 300kW Lakihegy xtr which will be retained as standby, or used for foreign service; tests to start 12/31/76. (2/12)

INDIA A new station has been opened 2/2 at Darbhanga, Bihar State, per AIR (2/19)

IRAN R. Iran, main HS on new 11.5, of considerable power. (10/2) In 1974-75, R. Iran I was carried by 153 transmitters, and II by five. Two xtrs for pgn II are to be commissioned in Sari, both 20 kw, on 1290 and 770 kHz; old 1 kW Sari xtr remains on 1240 (10/31)

LIBYA Tripoli HS on new 827, testing from 1530 on high power; EBU list Sabha, 600 kW (1/15)

JORDAN Since 1976 began, new 'Ajlun xtr testing irregularly on 593 in English (1/15)

MALAGASY R. Moscow says USSR is helping build a 160 kW xtr here (11/20) (12/18)

NIGERIA NBC is to instal 50kW xtr in Kwara State in 1976; Ilorin xtr covers only 20km

PAKISTAN A new 50kW xtr went into operation in Lahore on 10/14, ex 5kw from 1937 era, one of oldest in sub-continent. Entirely Pakistan-made, and plan to make more, of 100kw. It has been proposed to set up a 100kW MW xtr at Khuzdar, Baluchistan (12/18) (11/6)

PERU License of R. Huacho in Huacho cancelled by 10/31 for telecom law noncompliance

POLAND PR's HS on 227 kHz, first program, resumed ops with 2000 kw (12/11)

PORTUGAL 11/25 at 2107 RCP announced it was closing 1034 kHz xtr to prevent destruction.

Later taken over by Rdif. Portuguese Provisional Program 0700-2300; also 1578 kHz (1/15)

THAILAND Executive Committee on Broadcasting decided 8/25 that the army can set up mobile stations for psywar purposes, max 1 kw, non-commercial; ad time on stations should not exceed 10 min per hour. Illegal Anti-Aircraft Artillery Unit station in Surin, to be closed down. Navy to move 10kW Naval Comms Dept stn on 1120 from Bangkok to Nakhon Phanom Province. 3 new relays of PRD to be constructed in Sakon Nakhon, Loei and Nakhon Ratchasima provinces. (11/20) Also in Satun and Phangnga (3/11) 73 de Glenn

QSL

Report



•Editor: William E. Oliver
45 Wildflower Rd., Levittown, PA. 19057

Sam Barto, Watertown, CT, sends in the following additional info on his R. Record QSL which appeared in the January issue. "It is absolutely correct that R. Record does not transmit on 11965/6055 at present. However, my rpts to R. Record were verified late in 1975 for f/up rpts on 1973 receptions." Sam adds that it was his mistake for not mentioning this. This matter shows that it is not always advisable to use "QSL Report" for frequencies. They may be long outdated by the time the verie is received.

On to a nicer subject. Jim Conrad, Waterloo, IA, QSLed People's Dem. Rep. of Yemen. Alan Anderson, Hopedale, MA, received a verie from French Guiana. And that's only two of many good ones. Read on....

- ✓ **AFARS & ISSAS:** France Regions Trois, 4780, card w/date only in 2 weeks for FF rpt, 1 IRC and postcard. (Koren-MA).
- ALBANIA:** R. Tirana, 6200, f/d card in 18 weeks. No rp. (Vockeroth-PA); f/d Flag card in 112 days after f/up for 2 IRC's. (Carr-IL): 9500, f/d card and sked in 3½ months for EE rpt. (Gercken-IL).
- ALGERIA:** RTVA, 7195, f/d card, sked and rpt form in 133 days for AA rpt and 2 IRC's. (Carr-IL).
- ARMENIAN SSR:** R. Yerevan, 15180, f/d plain white card and "Last Supper" card in 7½ months, registered mail. No rp. (Oliver-PA): 16950, f/d white card and "Four Evangelists" card in 98 days, registered mail, for EE rpt. No rp. (Poppin-CA).
- ASCENSION IS:** BBC Relay, 9510, no-data card in 2 weeks. (Sarrazin-CO).
- ASIATIC RSPFR:** R. Moscow via Blagoveschensk, 9580, card and letter in 36 days. (Scott-ONT). Via Khabarovsk, 7150, f/d card in 35 days. No rp. (Carr-IL): 12050, card in 5 weeks. No rp. (Vockeroth-PA): 7110/7150, cards in 8 weeks. (Overcamp-SC). Via Sverdlovsk, 7150, card in 5 weeks. (Vockeroth-PA). Via Yuzhno-Sakhalinsk, 7260, card in 8 weeks. (Overcamp-SC).
- AUSTRALIA:** R. Australia, 9770, f/d cards for EE rpt. No rp. They sent 25 R. Australia info sheets, 25 bumper stickers, 25 skeds, 6 Australia Facts & Figures books, 25 postcards, 25 pennants, 8 f/d QSL's, 25 official Tourist maps, 5 Victoria Railway info folders, 25 calendars, 25 pen-pal sheets, 25 Listeners' Club info sheets, many cancelled stamps, tourist books and other brochures. It cost them \$30.16 to air freight via Quantas and United. I had to go to the U.S. Customs Office so the carton could be inspected. It took 21 days by air both ways. (Tom Hilko, Instructor for Highland SLIC Class, Thornton, CO): 9580, f/d card in 22 days for 1 IRC. (Ashenhurst-ONT); f/d card in 3½ months. No rp. (Cohen-NJ); two cards in 19 and 25 days for Club rpts for 1 IRC and a 30¢ Australian stamp. (Horwath-IL): 15160, f/d card in 7 months. No rp. (Hywarren-MAN): 5995, f/d card in 115 days. No rp. (Carr-IL): 7220, f/d QSL in 15 days for 1 IRC. (Beaudoin-CT): 6005, card in 160 days. No rp. (Smith-NY): 9570, card in 5 months. No rp. (Vockeroth-PA): 17795, f/d card and rpt form card in 30 days for 1 IRC. (Moss-CA): 9770/11725, two beautiful 5x7 colored cards in 60 days for 2 IRC's. (Guarducci-BC)
- AUSTRIA:** ORF, 6015, f/d card, sked and Olympic info in 39 days for EE rpt, 2 IRC's. (Slovinski-CA): 9770, card and sked in 50 days for EE rpt and used US stamps. (Sarrazin-CO); f/d card in 1½ months. No rp. (Hywarren-MAN); f/d card for EE rpt. No rp. (Conover-PA): 6015/6155, cards, stickers, Olympic material in 44 days for 1 IRC. (Ashenhurst-ONT): 9770/6155, f/d cards in 22 days w/remark "We are sorry. We don't issue any pennants." (Meehan-CT).
- ✓ **AZORES:** Emipora Regional dos Acores, 4865, card from Portugal in 2 weeks. (Barto-CT).
- BANGLADESH:** R. Bangladesh, 15530, f/d card in 6 months. V/s Saifuddin Mallik. New address: Research Wing, Radio Bangladesh, Directorate General, 23/7, Shamoli, B-Block, Dacca-7. (Barto-CT).
- BELIZE:** R. Belize, 3300, map card in 2 weeks for EE rpt and some Canadian stamps. (Hywarren-MAN); f/d card in 1 week from Mrs. J. Roberts for mint stamps. (Koren-MA).

BOLIVIA: R. Mamore, 4602.5, long SS verie letter from the Director, Carlos Hurtado Romana, who wants to know who I think will win the Presidential campaign, in 1 month for NASWA SS rpt, postcard, mint stamps. (McNeil-DC).
BRAZIL: R. Nacional de Brasilia, 11780, f/d card and fact sheet on Brazil in 1 month. No rp. (Watts-ONT); f/d card in 9 weeks. No rp. (Hywarren-MAN); f/d yellow map card in 24 days. No rp. (Trautschold-WI); f/d pale green map card in 20 days. (Cohen-NJ); f/d card in 24 days and sticker sent because they don't have pennants. (Meehan-CT).

R. Ministerio da Educacao, 11950/9770/5990, EE letter received in 7 weeks. V/s Heitor Sales, Dir. Executive. (Barto-CT).

R. Brasil Central, 4985, f/d letter in 5 weeks for EE rpt on FF prgm and 2 IRC's. (Clare-CA).

BULGARIA: R. Sofia, 9700, f/d "University" card, sked and rpt form cards in 180 days. No rp. (Goldsen-CT); "Monastery" card and letter of apology for delay in 406 days, air, for 1 IRC. (Rockwood-OH).

BURMA: BBS, 5040, f/d plain white card in 20 days, air, for EE rpt and 2 IRC's. Requested sked, but none received. (Slovinski-CA): 4725, plain f/d card in 2 months for EE rpt, 1 IRC and postcard. (McNeil-DC).

EYELORUSSIAN SSR: R. Moscow via Orsha, 7100, "Kremlin" card in 5 weeks. No rp. (Vockerth-PA); "Flag" card in 8 weeks. (Overcamp-SC): 9655, "Kremlin" card w/site listed in 4 months. No rp. (McNeil-DC).

CAMEROON: R. Garoua, 5010, verie letter in 1 year for FF rpt, postcard and 1 IRC. (McNeil-DC).

CANADA: CHNX, 6130, card w/o time in 15 days. No rp. (Carr-IL).

CFCX, 6005, station card w/o time in 7 months for 1 IRC. (Gower-IL); card in 8 1/2 months for rp. (Moritz-OH).

CHU, 7335, card in 11 days. (Pineault-CUE).

CRC Northern Svc, 9625, f/d card and sked in 60 days. (Goldsen-CT).

CANARY IS: RNE Relay, 11800, antenna card w/o time in 1 month for SS rpt and 1 IRC. (Vockerth-PA).

CHAD: RNT, 4904.5, f/d card in 25 days for FF rpt, 1 IRC and used stamps. (Anderson-MA); card in 46 days for EE rpt on FF prgm and 1 IRC. (Heinke-MI).

CHINA: R. Peking, 11945, card, sked and pennant in 36 days. No rp. (Ashenhurst-ONT); card, literature, pennant and calendar in 19 days. (Sigler-IN); f/d new blue/gold/white card and "Thank You" letter for condolence and announcement by funeral committee for the late Premier Chou En-Lai in 3 weeks. No rp. (Poppin-CA); card and sked in 19 days. No rp. (Crater-KS);

f/d folder card in 22 days. No rp. (Trautschold-WI); card in 3 weeks for 1 IRC. (Rockwood-OH): 9020, no-data "Thank You" card for rpt on Italian, Serbo-Croatian and Ukrainian txms in 4 weeks. No rp. (Poppin-CA).

COLOMBIA: R. Nacional, 4955, card, sked and pennant in 36 days for SS rpt and 1 IRC. I verified this w/no knowledge of SS. Just translated basic details with a dictionary. (Scott-ONT); "Dragon" card w/o freq or time, skeds and pennant in 137 days, air (12 pesos), for NASWA SS rpt and 1 IRC. V/s Alberto Upegui Acevedo, Director. (Cramton-IL); "Village Scene" card w/

date only in 41 days for SS rpt and mint stamps. (Anderson-MA): 6030, card of "Guatavita Lake" in 14 months for 4 IRC's and 3 f/ups in SS. My CIV #100! (Wiles-WV).

La Voz de los Centauros, 5990, card in 3 weeks for SS rpt and franked stamps. V/s Carlos Barrera Martinez. (Barto-CT): 5962, card in 3 weeks for mint stamps. (Sparks-CA).

R. Colosal, 4945, f/d letter and blue pennant in 1 month for SS rpt. No rp. On the reverse side of the letter Luis Ferrando Navarro asked that some rock music be sent to him on cassette. In return he has sent me some Colombian music. (Hywarren-MAN).

R. Sante Fe, 4965, f/d CSL w/matching pennant in 3 weeks for SS rpt. No rp. (Hywarren-MAN).

R. Super, 6065, f/d CSL and letter in 2 weeks for SS rpt. No rp. I requested a pennant but not received. (Hywarren-MAN); f/d card and letter in 50 days for SS rpt on SS prgm and 1 IRC. (Clare-CA); f/d card and letter in SS in 75 days for SS rpt and 2 IRC's. (Beadoin-CT).

La Voz de Cali, 6122, letter in 3 1/2 weeks. V/s Julio Arboleda. (Barto-CT).

CONGO, P.R.: RTVC-Voix de la Revolution, 15190, f/d FF form letter and sked w/data filled in. Received in 46 days, air, for FF rpt and 1 IRC. (Hardester-CA); f/d FF letter in 26 days for EE rpt and 2 IRC's. (McGonnell-MA); f/d verie letter for rpt on the Tuesday EE prgm, 2 IRC's, used stamps and postcard. My 100th country verified! (Moritz-OH); f/d FF letter for an EE rpt on EE prgm in 21 days. No rp. (Horwath-IL); f/d form letter and sked in 100 days after 3 f/ups for 2 IRC's. My FF rpt probably has them still laughing. VIC #100! (Rockwood-OH): 6115, f/d CSL letter in 23 days, air, for FF rpt on FF prgm and 1 IRC. (Conover-PA): 4843 (Pointe-Noire), FF form letter w/

all details in 5 weeks for 3 IRC's. (Sparks-CA).

CUBA: RHC, 11930, card and sked in 6 weeks, air, for EE rpt. (Wasserstrom-NJ); card, sked, decals, banners and letter in 15 weeks. No rp. (Heinke-MI)

f/d CSL, sked, calendars and letter in 5 months. Also received earlier

"Tricontinental" on Vietnam w/more calendars! No rp. (Ware-VA): 11970, f/d card in 5 months for EE rpt and 2 IRC's. (Knoll-MN): 11870, f/d card, sked, pennant and letter for VOV prgm rpt in 5 months. Also promised magazines. No rp. (Schulman-NY).

CZECHOSLOVAKIA: R. Prague, 7345, card in 32 days. (Scott-ONT): 7345/9540, 2 cards in 40 days for 1 IRC. (Rockwood-OH): 5930, card, sked in 2 weeks for EE rpt. (Wasserstrom-NJ): 6055, "Castle" card and Monitor Club info in 37 days for 1 IRC. (Ashenhurst-ONT): 9540, "Cesky Krumlov" card and info in 33 days. (Sarrazin-CO): 5930/7345/11900, f/d cards, one w/wrong data, in 47 days. No rp. (Wala-MI).

SWL

DE

RADIO ABIDJAN

*Dear French
Thank a lot for you report which came*

**MERCI POUR VOTRE REPORT
CONCERNANT NOTRE EMISSION**
du 23 Nov 1974

A	o	-	b	-	c	-	d	-	e	-	f	-	g	-	h	-	i	-	j	-	k	-	l	-	m	-	n	-	o	-	p	-	q	-	r	-	s	-	t	-	u	-	v	-	w	-	x	-	y	-	z
B	o	-	b	-	c	-	d	-	e	-	f	-	g	-	h	-	i	-	j	-	k	-	l	-	m	-	n	-	o	-	p	-	q	-	r	-	s	-	t	-	u	-	v	-	w	-	x	-	y	-	z
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Heure GMT

a	=	00 h a 06 00 h
b	=	06 00 h a 12 00 h
c	=	12 00 h a 18 00 h
d	=	18 00 h a 24 00 h

① = FRANCAIS
② = VERNACULAIRE
Z = ANGLAIS

① = 11 770 kc/s - 100 KW
B = 7 215 kc/s - 100 KW
C = 6 015 kc/s - 100 KW
D = 4 990 kc/s - 25 KW
E = 3 242 kc/s - 10 KW
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DODECANESE IS: VOA-Rhodes, 6015; card in 3 weeks. (McNeil-DC): 7205, card w/full data in 13 days. V/s Monica Vall. (Meehan-CT); f/d card in 7 days. No rp. (Horwath-IL); card w/o date in 7 days. No rp. (Rojewski-WA).

ECUADOR: R. Centinela del Sur, 4890, personal letter w/all details in 5 weeks for mint stamps. V/s Herman Coronel V. (Ball-ONT).

HCJB, 6095, card, ANDEX info, sked in 27 days for 40¢ in US stamps (Merklin-KS); card, sked in 4 weeks. (Wasserstrom-NJ); f/d Owl card, sked, ANDEX info in 31 days for 2 IRC's. (Moss-CA): 9560, card, sked, pennant and religious info in 53 days for 1 IRC. (Scott-ONT): 17755, f/d card, pennant, pamphlets and stamps 1 requested in 34 days for 1 IRC. (Grant-NC): 15115, f/d Mountain Climber card in 25 days. (Conover-PA): 11915/6095, 3 Mountain cards specially requested to finish set, sked and pennant in 31 days for 2 IRC's. (Ashenhurst-ONT).

EGYPT: R. Cairo, 9475, f/d "Nefertiti" card, postcard and sked in 116 days. No rp. (Ware-VA); black/white card and mimeo sked in 140 days for EE rpt and 2 IRC's. (Keller-NE); f/d "River Scene" card in 70 days. No rp. (Carr-IL): 9805, card in 77 days for FF rpt. (Pineault-QUE); "Nefertiti" card from European Svc in 51 days for EE rpt and used US stamps. (Sarrazin-CO); f/d card, postcard, sked in 43 days. No rp. V/s Nagla Waked. (Horwath-IL); card and letter in 70 days for a mint stamp. (Guarducci-BC).

ENGLAND: BBC, 9400, card and sked in 2 weeks, air. (Wasserstrom-NJ).

ETHIOPIA: ETLF, 11830, f/d blue/white card, sked and pennant in 3½ months for EE rpt. (Gercken-IL); f/d card in 80 days for 1 IRC. V/s Mrs. Elaine Mhoodwam. (Cramton-IL); f/d card in 76 days for 2 IRC's. (Cohen-NJ); f/d card stamps, pennant in 69 days for 1 IRC. (Carr-IL); f/d card and 2 stamps in 70 days. (Schulman-NY); card, sked in 74 days. No rp. (Slaff-NY); 2 CSLs in 87 and 65 days for 2 IRC's. (Beaudoin-CT): 7165, card and travel info in 4 months for 3 IRC's on my second try. (Wiles-WV).

EUROPEAN RSFSR: R. Moscow, 7100, f/d card, sked, rpt form in 68 days. No rp. (Keller-ME): 7200, card, sked in 8 weeks. (Wasserstrom-NJ): 7110, card in 40 days. No rp. (Watts-ONT): 7350, card, sked in 22 days. No rp. (Ward-NB); f/d card in 30 days. (Conover-PA). R. Moscow via Armavir, 7205, txmr site card, letter in 6 weeks. No rp. V/s Mrs. Lucy Larina, NA Svc. (Ball-ONT) card in 8 weeks. (Overcamp-SC). Via Moscow, 7350, f/d card in 5 weeks. No rp. (Vockerth-PA); card in 8 weeks. (Overcamp-SC).

FINLAND: R. Finland, 15185, card and 2 copies of "Finalnd Calling in 35" days. (Scott-ONT); card in 23 days. (Pineault-QUE).

FRANCE: RFI, 11930, f/d card in 1 month for EE rpt and 1 IRC. (Hall-NY): 11710, certificate-type verie w/o freq in 14 days. No rp. (Bolitho-ONT): 15200, f/d "Paris Photo" card in 69 days. No rp. (Carr-IL): 15425, f/d card and pennant in 22 days for EE rpt and 1 IRC. (Vos-ALB).

FRENCH GUIANA: France Regions 3, 3385, letter stating their freq and talk of being received in another country in 37 days, air, for 1 IRC and stamps.

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V/s J.C. Turjman. (Anderson-MA).

GALAPAGOS IS: La Voz de Galapagos, 4810, Christmas card w/station info in 4 months for mint stamps. No mention of rpt. Nor really a CSL. (Koren-MA).

GERMANY (E): RBI, 9730, "Refinery" card w/wrong date, sked and magazine in 59 days for 2 IRC's. (Anderson-MA).

GERMANY (W): Deutsche Welle, 6010, f/d multicolored CSL in 123 days. No rp. (Ware-VA): 6040, same card in 3 months. No rp. (Schulman-NY): 6100 f/d card in 58 days for 1 IRC. (Peaudoin-CT).

GREECE: VOA-Vavala, 7295, card in 29 days after returning first card which had no xmtr site. (Scott-ONT): 7170, card in 6 months, received 6 days after f/up. (McNeil-DC): 9620, card in 10 days. No rp. (Rojewski-WA).

EIRT, 7280, letter and sked in 3 weeks. V/s I. Lampas. (Barto-CT): 7215, f/d letter, form-type w/blanks filled in, in 60 days for EE rpt and 4 IRC's. Power was not stated on verie but enclosed sked listed International Svc as being over a 100 kw xmtr with only the Greek Svc over the 30 kw xmtr. (Conrad-IA); letter and sked for this new EE/FF/GG Svc heard to Australasia received in 36 days. No rp. New CTH: E.P.T. (Greek Radio and TV), P.O. Box 19, Aghia Paraskevi, Athens. (Slaff-NY).

GUATEMALA: TGNA, 3300, "Cuetsal" card and info in 25 days, air, for EE rpt and used US stamps. (Sarrazin-CO).

La Voz de Nahuuala, 3360, f/d card in 3 weeks for SS rpt and mint stamps. (Koren-MA).

GUINEA-BISSAU: R. Nacional da Rep. da Guinea-Bissau, 5041, green card w/ date and freq in 4 1/2 months, sea, for NASWA PP rpt, postcard and 2 IRC's. (McNeil-DC); f/d green card in 5 months for PP rpt and 1 IRC. (Koren-MA).

GUYANA: GBS, 3290, verie letter in 38 days for 2 IRC's and stamps. (Anderson-MA).

HAITI: 4VEH, 11835, CSL folder card in 32 days for mint stamps. (Pineault-CUE); card, sked, religious pamphlet and questionnaire in 85 days. No rp. (Slaff-NY): 3483, "Band W" card of woman in front of studio in 65 days for rpt on SS xmsn and 2 IRC's. (Anderson-MA): 9770, f/d "Native" card, sked, letter and stamp in 74 days. (Schulman-NY).

HONDURAS: HRVC, 4820, card in 33 days for 2 IRC's. Requested pennant and sked w/no luck. (Scott-ONT); map card in 19 days for EE rpt. (Sarrazin-CO); red/white/blue map card in 17 days for EE rpt and 1 IRC. (Ashenhurst-ONT); usual card in 14 days, air, for 1 IRC and EE rpt. (Trautschold-WI).

HUNGARY: R. Budapest, 6150, f/d card and letter in 4 months for EE tape rpt and 1 IRC. (Hall-NY): 9833, f/d card, pennant, stamps and "Budapest International" in 3 1/2 months. No rp. (Vockeroth-PA): 6000, blue/gray card w/ church on it and pennant in 47 days for EE rpt. No rp. (Ashenhurst-ONT).

INDIA: AIR, 11620, color picture card and sked in 5 1/2 months for 2 IRC's. (Wala-MI): 4800 (Hyderabad), card and letter in 3 weeks for EE rpt and post-card. V/s A. Ramalingam returned my IRC. (McNeil-DC): 3268 (Kohima) letter in 3 weeks. No rp. V/s A.K. Ojah. (Sparks-CA).

INDONESIA: RRI-Banjarsin, 5968, Indonesian letter in 1 month for mint stamps. V/s Andi Njongki BA. (Sparks-CA).

RRI-Surabaya, 3975, f/d studio card in 1 month for Reeves INDO rpt, postcard and 1 IRC. V/s Sjam Abdoerrahman. (McNeil-DC).

RRI-Gorontalo, 4900, letter in 4 months. V/s Abdul Fattah Siemen. (Barto-CT).

RRI-Palembang, 4855, f/d card in 107 days for EE rpt and 1 IRC. (Smith-NY).

IRAN: V. of Iran, 9022, f/d card in 66 days. (Pineault-CUE); f/d nice color card in 25 days for 2 IRC's. My 66th CIV. (Guarducci-EG).

ISRAEL: IFA, 5945, f/d card and pamphlet on Israel in 2 months for EE rpt and 1 IRC. (Hall-NY): 5900, f/d card, sked and other material as requested in 43 days for 2 IRC's. (Slovinski-CA): 7395, card in 51 days for 2 IRC's. (Sigler-IN): 9815, card and sked in 50 days for used US stamps. They must have been in a hurry. On the 5 lines for verie details are my initials, DS. Needed my log to decipher date. (Sarrazin-CO); f/d card, sked in 49 days. No rp. (Crater-XS).

ITALY: RAI, 11810, f/d "Il Settecento Italiano" card in 171 days for EE rpt. No rp. (Conover-PA).

IVORY COAST: R. Abidjan, 11920, card in 35 days for FF rpt and 3 IRC's. (Pineault-CUE); f/d letter in 3 months for EE rpt, 2 IRC's. (Vockeroth-PA); f/d map card in 5 months for EE rpt. No rp. (Hywarren-MAN); f/d mimeo letter in 3 weeks for EE rpt on FF prgm and 2 IRC's. (Clare-CA).

JAPAN: R. Japan, 15300, "Dolls" card, sked, etc in 21 days for used US stamps. (Sarrazin-CO): 11705, card, sked, newsletters, postcard in 17 days for 1 IRC which was returned. (Ashenhurst-ONT); card w/date and freq only No rp. (Conover-PA): 5990, card w/date and freq in 16 days, air mail, for EE rpt. No rp. Received postcards, sked, info books. (Highland SLIC Class and Rick Lawrence).

FEN, 3910, card in 13 days. No rp. (McNeil-DC).

JORDAN: R. Jordan (HKBS), 9560, beautiful "Desert" card in 17 days. (McConnell-MA); f/d "Jordan River" card in 15 days for 1 IRC. (McNeil-DC).

KENYA: VOK, 7125, f/d aerogramme CSL in 21 days for EE rpt. No rp. (Hywarren-MAN): 4915, QSL-letter aerogramme w/full data in 21 days for 1 IRC and postcard. (McNeil-DC).

KIRGHIZ SSR: R. Moscow via Frunze, 9710, card w/site in 21 days for FF rpt on FF xmsn. Used R. Moscow rpt form. (McNeil-DC).

KUWAIT: R. Kuwait, 11940, f/d folder card and sked in 55 days for EE rpt. No rp. (Grant-NC); f/d folder card in 40 days. No rp. (Carr-IL).

LIBERIA: VOA-Monrovia, 7195, card in 6 months. Received 6 days after f/up. (McNeil-DC): 17885, f/d Capitol card in 8 days for EE rpts. No rp. Received VOA and USIA info sheets and letter stating that no pennants are given by VOA to U.S. citizens in the U.S. or abroad. (Highland SLIC Class-CO): 11915, f/d Capitol card w/all skeds in 10 days. No rp. (Schipelliti-MA).

ELWA, 4770, f/d card and letter in 95 days for EE rpt and 2 IRC's. (Carr-IL): 11945, card, sked, religious info and info on Liberia which I requested in 9 weeks for EE rpt. No rp. (Heimke-MI).

LITHUANIAN SSR: R. Vilnius, 5960, f/d "Flower" card in 1 month for EE rpt and 1 IRC. (Hall-NY): 9745, f/d card in 4 months. No rp. (Watts-ONT): 9685, f/d card in 175 days. No rp. (Cohen-NJ).

LUXEMBOURG: R. Luxembourg, 15350, f/d card in 40 days. (Pineault-CUE).

MALAGASY REP: R. Nederland Relay, 11740/15260, card in 5 weeks. (Barto-CT): 11730, f/d card in 2 weeks. No rp. (Clare-CA); f/d card in 16 days. No rp. (Vos-ALB); f/d card and sticker in 45 days. No rp. (Schulman-NY).

MALAWI: MBC, 7130, two f/d pink QSL letters in 1 month for EE rpt. No rp. V/s O.C. Mandalasi. (Hywarren-MAN): 3380, f/d letter in 2 weeks for 2 IRC's. (Rockwood-OH).

MALAYSIA: R. Malaysia, 9665, exotic f/d colored folder card, sked and "Radio Malaysia" describing friendly Malaysia. Received in 84 days with grateful acknowledgement for EE rpt. No rp. (Poppin-CA).
BBC Relay, 9740, no-data Thames card w/o FERS, sked in 5 weeks. No rp. (Heimke-MI).

MALI: Radiodiff Nationale du Mali, 4785, f/d map card in 2½ months for FF rpt and 2 IRC's. (Anderson-MA): 5995, f/d card w/QSL in FF in 41 days for FF rpt and 2 IRC's. (Beaudoin-CT)

MALTA: DW Relay, 6100, f/d card in 77 days for EE rpt. No rp. (Hardester-CA); f/d card w/Malta site in 110 days for EE rpt. First time that I have ever received two QSL cards in the same envelope, Malta and Rwanda. Were mailed from Cologne. (Conover-PA): 11785, f/d card in 51 days for EE rpt. No rp. (Beaudoin-CT).

Adventist World Radio, 6055, f/d "Voice of Hope" card, newspapers and outdated sked in 44 days for E^u rpt and 1 IRC. (Haas-NJ); card, sked and religious info in 59 days. No rp. (Heimke-MI).

MARTINIQUE: Fort de France, 5995, card in 3 weeks for 2 IRC's. (Pineault-CUE): 3315, card w/date only in 27 days for 1 IRC. (Anderson-MA); card showing active freqs of 3315 kHz SW and 1380 kHz MW in 26 days for EE rpt on FF prgm and 1 IRC. (Heimke-MI).

MAURITANIA: R. Mauritania, 4850, f/d verie card in 30 days for EE rpt and 4 IRC's. Correct freq marked by asterisk at bottom of card. (Conrad-IA); f/d map card in 6 weeks after f/up for FF rpt and mint stamps. (Koren-MA); usual African map card in 22 days for FF rpt and mint stamps. (McConnell-MA) f/d map card in 62 days for AA rpt and 2 IRC's. (Carr-IL).

MEXICO: R. Mexico (XERM), 15125, form letter w/all data in 7½ months. No rp. Received sked and tourist info but not other items as promised in the broadcast. (Alder-TX); f/d letter in 5 months after f/up for 2 IRC's. QSL card to arrive later. (Rabone-NY); verie letter w/wrong freq and much info on station in 220 days. No rp. (Cohen-NJ): 15385, letter w/pamphlets in SS and sked in 237 days. No rp. V/s Manuel Cerillo L. (Slaff-NY).

MONACO: TWR, 7105, f/d card in 4 weeks for EE rpt and 2 IRC's. (Clare-CA); f/d card, pennant and sked in 40 days for 2 IRC's. I also got a QSL for TWR, Bonaire from Monaco verifying a xmsn I never heard or reported! (Anderson-MA).

NEPAL: R. Nepal, 3425, card, Sept. '74 sked and rpt form in 1½ months for EE rpt and postcard. No rp. V/s K.B. Khatri. (McNeil-DC).

NETHERLANDS: R. Nederland, 15415/17810, card in 5 weeks. (Barto-CT): 15260, f/d card and sked in 2 months. No rp. (Watts-ONT).

NETHERLANDS ANTILLES: R. Nederland Relay, 6165, card, sked, sticker in 42 days. No rp. (Ashenhurst-ONT); QSL, letter, sked in 13 weeks for 2 IRC's. (Knoll-MN); f/d card in 50 days. No rp. (Goldsen-CT); f/d card in 16 days. No rp. (Vos-ALB): 9715, f/d card, sked, info sheet on Radio Courses and EE staff photo in 61 days. No rp. (Grant-NC).

TWR, 11925, f/d card and note on Sri Lanka developments in 19 days for 2 IRC's. V/s J. Jensen. (Ward-NB); card and station info in 15 days for 1 IRC. (Wiles-WV): 11785, f/d card, sked, religious info, calendar and pennant in 9 weeks for SS rpt. No rp. (Vockerth-PA).

NEW CALEDONIA: R. Noumea, (FR3), 7170, card w/date and time for FF rpt on f/up and 1 IRC. (Koren-MA); f/d orange card in 21 days for FF rpt on FF prgm and 2 IRC's. (Clare-CA); f/d orange card in 111 days for mint stamps. (Anderson-MA): 3354, orange card w/date and time in 37 days for 1 IRC. I

received a duplicate 2 days later. (Wickett-MD).

NEW ZEALAND: RNZ, 9520, f/d "Fly Fishing" card in 26 days for EE rpt. No rp. (Hardester-CA): 15110, f/d card in 34 days. (Pineault-CUE); "Globe" card, sked, tourist map and guide in 8 weeks for EE rpt. No rp. (Vockeroth-PA): 11780, f/d "Fishing" card in 42 days for 1 IRC. (Cohen-NJ).

NIGERIA: NBC, 7275, f/d "Eko Bridge" card, sked and copy of the book "Voice of Nigeria" in 90 days. No rp. (Ware-VA); f/d card, sked in 98 days. No rp. (Poppin-CA); f/d card in 105 days. No rp. (Cohen-NJ); f/d card, sked in 59 days. No rp. (Schielliti-MA); card, sked in 67 days. No rp. (Heimke-MI); f/d card, sked in 5 weeks. No rp. (Schulman-NY): 3396, f/d card in 54 days. No rp. (Wickett-MD).

NORWAY: R. Norway, 17800, f/d card and small flag in 51 days. No rp. (Carr-IL): 15175, card in 42 days. (Pineault-CUE).

PAPUA NEW GUINEA: R. East Sepik, 3335, f/d letter in 20 days for 1 IRC.

V/s Philip Koviromo. (Koren-MA).
R. East New Britain, 3385, f/d card in 24 days for EE rpt and 2 IRC's. (Anderson-MA).

PHILIPPINES: FEBC, 15440, f/d verie in 5 months after f/up for 3 IRC's. (Rabone-NY); rural scene card in 123 days for EE rpt and 2 IRC's. V/s Joan Ross. (Carr-IL).

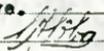
V. of the Philippines, 9580, f/d pink card and yellow/black pennant in 119 days for EE rpt and 2 IRC's. (Rojewski-WA).

POLAND: Polish Radio, 9540, f/d card in 80 days. (Pineault-CUE).

PORTUGAL: Emissora Nacional Portugal, 6025, "Serra da Estrela" card and sked in 36 days. (Ashenurst-ONT); f/d "Explorer's Map" card in 26 days. No rp. (Hardester-CA); f/d "Clipper Ship" card, rpt forms, tourist book, "The Traveler's Paradise; Algarve, Portugal" in 3 weeks for EE rpt. No rp. (Vockeroth-PA).

AWR, 9670, f/d "World People" card, pennant, religious material in 8 weeks for EE rpt and 1 IRC. (Vockeroth-PA); f/d card and literature in 42 days for EE rpt and 1 IRC. (Smith-NY).

from
SAM
BARTO

	RUA FREI HERMENEGILDO, 300
	TEL 2.0704 E 2.0705
44.100 - FEIRA DE SANTANA - BAHIA - BRASIL	
ZYC - 33 - 970 KHZ - 10 KW - O. M - ZYN 37 - 4.765 KHZ - 1 KW. O. T.	
Confirmamos sua reportagem de audição de nossa Emissora	
Q	no dia 16 de outubro de 1975
S	das 19,04 as 19,18 GME
L	Feira. 12 de janeiro de 1976
Dear friend Samuel, thank you very much for your reception report of our Rádio Sociedade. It was quite all right. I hope you'll write to us again. Bye.	
N.º 12/76	
ASS. 	

RHODESIA: RBC, 3396, f/d "Gazelle" card and sked in 15 days, air, for EE rpt and 1 IRC. V/s E. McKenzie. (Hardester-CA).

ROMANIA: R. Bucharest, 9570, "Romanian Athenaeum" card w/wrong freq and info in 79 days, air, for EE rpt. (Sarrazin-CO); same f/d card and sked in 81 days for EE rpt and 2 IRC's. (Rojewski-WA): 5990, card, sked, letter in 12 weeks. No rp. (Heimke-MI).

RWANDA: DW Relay, 7225, f/d "African Continent" card from Cologne in 110 days for EE rpt. No rp. (Conover-PA); f/d blue/yellow map card and pennant in 69 days for EE rpt. No rp. (Carr-IL): 9700, card, raw tape and letter of apology for taking one year to verify because of mix-up at the station. By air for 2 IRC's. (Wiles-WV).

RUYUKYU IS: VOA-Okinawa, 7165, CSL card, sked and VOA sticker in 30 days. (Guarducci-BC).

SENEGAL: R. Senegal, 11895, f/d "Khora" card in 2 weeks, air, for EE rpt. No rp. (Hywarren-MAN).

SEYCHELLES: FEBA, 11715, card, stamps and sked in 25 days, 2nd class, for 2 IRC's, postcard, used stamps and EE rpt on AA xmsn. (Moritz-OH): 15325, card, sked and pamphlet in 14 days for 1 IRC. (McNeil-DC).

SIERRA LEONE: SLBC, 5980, verie letter in 63 days for FF rpt and 3 IRC's. (Pineault-CUE).

SOLOMON IS: SIBS, 5020 (VQ05), card in 5 weeks. (Barto-CT).

SOMALI REP: R. Mogadishu, 9585, f/d poorly done provisional CSL in 3 months for EE rpt. No rp. (Hywarren-MAN): 6097/9585, f/d letter in 1 month for EE rpt and 1 IRC. (Koren-MA).

SOUTH AFRICA: R. RSA, 9585, "Crowned Crane" card, sked, club info and tourist booklet in 1 month. No rp. (Yolanda Hernandez, Highland SLIC Class-CO); f/d card in 18 days. No rp. (Watts-ONT); f/d card, sked, stamps, tourist info in 26 days for 2 IRC's. (Haas-NJ): 11900, card and sked in 4 weeks. (Wasserstrom-NJ); f/d card in 22 days. No rp. (Meehan-CT): 15155, card in 30 days for 1 IRC. (Ashenhurst-ONT): 5980, card in 15 days w/sticker and notes on ID signal for 1 IRC. (Ashenhurst-ONT): 11970/7270/9585/5980/11900, f/d cards in 4 weeks. No rp. (Poppin-CA).

Springbok Radio, (All cards "Industrial Montage"), 3250, card, sked and pennant in 25 days. (Scott-ONT); f/d card in 15 days. No rp. (Cohen-NJ): 3980, card in 17 days. No rp. (Sigler-IN): 4810, f/d card in 1 month for EE rpt. No rp. Also received two-tone green pennant. (Hywarren-MAN); f/d card in 3 weeks for 2 IRC's. (Clare-CA).

SPAIN: RNE, 6065, "Antenna Tower" card w/o time and sked for EE rpt and 1 IRC. (Haas-NJ): 6120, color card, sked and pennant in 65 days. No rp. (Guarducci-BC).

SRI LANKA: VOA-Colombo, 15185, Capitol card in 5 months. Received 6 days after f/up. (McNeill-DC).

SUDAN: R. Omdurman, 5039, letter claiming 4994 kHz in 3 weeks for EE rpt and mint stamps. (Koren-MA).

SWEDEN: R. Sweden, 6065/9750, cards in 17 days and 1 month. (Barto-CT): 9605, yellow/blue map card, pennant, sked and info on Sweden in 37 days for EE rpt and 1 IRC. (Ashenhurst-ONT): 6035, f/d map card in 64 days for 2 IRC's. (Haas-NJ): 15305, f/d map card, pennant and sked plus requested copies of SCDXers in 68 days. No rp. (Ware-VA).

SWITZERLAND: SBC, 3985, "Jet d'Eau" card and sked in 2 months for rpt on their reception card. V/s J.A. Chisholm. (Moritz-OH): 6135, card, sked and 4 rpt form cards in 15 days for EE rpt and 2 IRC's. (Moss-CA); f/d "Berne" card in 3 months for 1 IRC. (Haas-NJ): 15140, f/d card and separately mailed sked in 2 months. No rp. (Watts-ONT): 6045/6135, cards in 19 and 57 days for EE rpts and 1 IRC. (Ashenhurst-ONT).

TOGO: R. Togo, 5047, map/globe card w/freq and sked on card for EE rpt, 2 IRC's and postcard in 29 days. (Gower-IL); f/d Togo map card in 38 days for vernacular rpt and 1 IRC. (Carr-IL); f/d card, correct freq at the bottom of the card marked by asterisk in 40 days for EE rpt and 4 IRC's. (Conrad-IA); f/d card in 28 days, air. (90 francs), for NASWA FF rpt, 1 IRC and US stamps. (Cramton-IL): 3222 (Lama-Kara), letter in 7 weeks. V/s E. Adjakly. This is my CSL #8000! (Barto-CT).

TURKEY: V. of Turkey, 9515, card w/only date, pennant and flag in 86 days. No rp. Also read my rpt over the air. (Carr-IL); card and prgm magazine in 54 days for used US stamps. (Sarrazin-CO); card, sked in 37 days for 1 IRC. (Ashenhurst-ONT); f/d card in 3 weeks. No rp. (Clare-CA): 11880, f/d card in 27 days. (Pineault-CUE); f/d card, sked in 91 days. No rp. (Poppin-CA).

TURKS & CAICOS: VS18, 4788, f/d QSL letter from Forester Isen for special broadcast in 7 weeks for mint stamp. (Overcamp-SC); form letter verie for special NASWA broadcast in 42 days, air, for EE rpt. No rp. Rpt was stapled in the middle of a courtesy copy of Jan. FRIENDX with "Thank You" letter for the broadcast. Form letter lists wrong time and has a questionnaire about the future of VS18. V/s W.G. Grant, Information Officer. (Mayer-IL); personal letter and mimeo letter, both full data, in 46 days for 2 IRC's. (Leistner-CA).

UGANDA: UBC, 9730, letter from M.E.S. Mangen similar to Wala's letter in the Jan. FRIENDX in 8 weeks for 1 IRC. (Overcamp-SC).

UKRAINIAN SSR: R. Keiv, 12050, f/d card, sked and New Year's greeting card in 74 days, air, for EE rpt. No rp. (Keller-NE): 15140, f/d card w/boy and girl in native attire, sked in 5 weeks. No rp. (Poppin-CA): 7150, f/d card, sked, rpt forms in 9 weeks. No rp. (Vockeroth-PA)

R. Moscow via Vinnitsa, 7165, card in 8 weeks. (Overcamp-SC)

UNITED STATES: VOA-Greenville, 5995, "Kennedy" card w/o freq and sticker in 21 days for EE rpt and 1 IRC. V/s George Jacobs. (Ward-NB).

VOA-Dixon, 15365, Capitol card w/o date in 9 days. No rp. (Rojewski-WA).

VOA-Bethany, 17710, Capitol card w/full data including date. V/s Monica Vall. A minor achievement for me, getting the date on a Monica Vall card! (Overcamp-SC); Capitol card w/o date in 7 days. V/s Debbie Showalter. No rp. (Rojewski-WA).

U.N. Radio, 19mb, card and sked in 81 days. (Sarrazin-CO). KGEI, 5980, card and religious info in 28 days for 1 IRC. (Scott-ONT).

WINB, 11775, card in 23 days for 1 IRC. (Scott-ONT); f/d black/white card and sked in 1 month for EE rpt and 1 IRC. V/s Rev. John M. Norris. (Ward-NB): 17720, f/d card in 1 month. No rp. (Smith-NY)

WYFR, 11805, f/d mike card and sked in 16 days for EE rpt

and 1 IRC. (Ward-Nb): 9525, f/d mike card w/new sked in 11 days. No rp. (Schipelliti-MA).

URUGUAY: R. El Espectador, 11835, f/d card in 5 months for NASWA SS rpt, 1 IRC and franked stamps. V/s Jorge Cubilo. (McNeil-DC; card in 1 year for SS rpt and 3 IRC's after 2 f/ups. (Wiles-WV).

UZBEK SSR: R. Tashkent, 9540, f/d red/white/blue card in 60 days. No rp. (Carr-IL); f/d card, sked, info on their Listeners' Club and DX Club and a postcard of Tscharsu-Platz in 2 months. (Gercken-IL); map card and 2 postcards in 39 days for 1 IRC. (Wiles-WV); 6025, f/d card in 2 months for EE rpt. (Hall-NY); card and postcard in 30 days for EE rpt on RR prgm and 1 IRC. (Wiles-WV).

VATICAN: Vatican Radio, 5995, "Dome of St. Peter's" card in 22 days, air, for EE rpt and 1 IRC. (Ashenhurst-ONT); f/d card in 30 days for EE rpt and 1 IRC. (Haas-NJ); f/d "Garden" card in 12 days for 2 IRC's. (Horwath-IL); 11845, card in 5th days. (Pineault-QUE).

VENEZUELA: R. Occidente, 3225, verie letter and bumper sticker in 1 month, air, for mint stamps and SS rpt. (Dean-OH).

R. Barquisimeto, 4990, card in 44 days for SS rpt. (Anderson-MA)

R. Juventud, 4900, card in 19 days for SS rpt, 1 IRC. (Smith-NY)

YEMEN (PDR): Aden Radio, 7190, CSL w/o time in 40 days for EE rpt and 4 IRC's. I love this one! I haven't seen anyone report this station since at least October, '75. Power listed on card as 100 kw. (Conrad-IA).

YUGOSLOVIA: R. Belgrade, 9620, f/d folder card and sked in 8 weeks for 1 IRC. (Overcamp-SC); "Sv. Stefan" folder card w/sked and New Year's card in 173 days for f/up rpt to Yugoslav Ambassador to U.N. in NYC. New CTH: Radio Beograd, P.O. Box 880, Beograd, Yugoslavia. (Staff-NY).

ZAMBIA: R. Zambia, 9580, f/d form card in 1 month. No rp. V/s Peter Musuba. (Watts-ONT); f/d card in 1 month for 2 IRC's, used stamps. (Moritz-OH).

ODDS & ENDS

ANOTHER "MISFIT": Here's another odd CSL from Bill Quinn, Moire, NY. "Radio Amateur Satellite Corporation, 29475 kHz, CSL card w/picture of satellite on it in 12 days for rpt on their satellite OSCAR-7. No rp." Bill used a DX-160.

ONE FOR THE COCK: Peter Ashenhurst, Hamilton, Ontario, is still trying to figure this one out. On Jan. 3, 1976 he heard a R. Moscow xmsn on 11690 kHz at 0415 GMT and he sent in a report. He received a card from R. Moscow 37 days later stating that they could not confirm his report since R. Moscow does not broadcast on that freq at that time and they enclosed a sked. The sked reads: 03:30-05:30 15.14 11.69 9.54 7.17! What next, Comrade?

Myron Smith, Spencerport, NY sent a report on an EE broadcast on 12055 on a R. Moscow rpt form. He got a card stating "We cannot confirm since R. Moscow does not broadcast to North America at 1930-1958 GMT."

Henry Rockwood, St. Clairsville, OH, sent R. Moscow a report on a RR program on 6080 kHz. Henry said the original report was a minute-by-minute report of details of 1/2 hour of programming, including the titles of songs he had requested. He got this letter back:

Dear Mr. Rockwood,

We have your reception report for December 12th.

We regret to say that we cannot send you a CSL card to verify it. Reception reports specifying "man speaking" or "announcement by man" are insufficient for verification. In your reception report you should specify the details of the program in the spoken language.

We will be glad to send you a CSL card as soon as we receive a correct reception report.

Wishing you the best, we are

Sincerely yours,
(Mrs) Lucy Larina
NORTH AMERICAN SERVICE

And so much for "detente" in radioland.

WE'LL GET THOSE CSL CARDS UP YET: Ed Brindle, Latrobe, PA, sends another method for mounting CSL cards. Ed says he uses ordinary thumb tacks but he doesn't put the tack through the card, he used the head of the tack to hold the card. Four tacks around the card hold it nicely. (Why didn't I think of that?)

So much for this month. We had about 65 contributors with 106 countries A welcome addition to this month's mail was the many Canadian members who sent in material. Oh, before I forget. The abbreviations ONT, FC, MAN, ALB, NB and QUE stand for Canadian provinces.

Please send in your items a little earlier. I'm getting about 1/2 of the mail on the last two days. Don't wait for the CSL from R. Timbuctoo. We'll put it in next month.

Bill

Topline tip... SAO TOME - L807, PP-speaking stn noted here 2200 3/20 believed to be Sao Tome. Man ancr, African mx, Port. songs. Bad het and QRM just before apparent s/off at 2300, at which time R. Norte is hrd stronger. Nothing noted on 5338. No anthem noted at close. Het, QRM terrible. (Vic Jaar, Quebec) Verifications for 5338 short while back indicated fq move to here impending./Ed.

DX

Next deadlines:

4/15 and 4/29

(312) 362-3092



Hotline

•Editor: Ralph W. Perry

201 E. Cook, Apt. 416, Libertyville, IL. 60048

INDONESIA - (DXH exclusive!) - The \$20 million 36-station package negotiated between RRI and Harris Corp.'s Gate's Broadcast Equipment Division, Quincy, Ill., operational Sept./76, will be comprised by eleven 10kW SW-xmtrs, one 50kW SW-xmtr, three 50kW MW-xmtrs, 21 10kW MW-xmtrs and one 10kW FM-xmtr. Banda Aceh, Sumatera, will be equipped with the 50 kWer on shortwave to service far western Indonesia. The 10kW SW-xmtrs will be located at the following sites: Bukittinggi (currently 1kW SW), Bengkulu (ditto), Tanjung Karang (ditto), Tanjung Pinang (currently 150 watts SW), Palang Karaya (listed currently 1kW SW), Palu (listed currently at 150 watts SW), Gorontalo (currently 1kW SW), Menado (no change), Ternate (presently 1kW SW) and Sorong (no change), and Kupang (currently 5 kW SW, if still on the air.). At each site, a Harris BFE-5003 50 W FM-xmtr will serve as studio-to-xmtr link (STL). All sites will operate on diesel generator power. The first shipment of gear left Quincy 9/75, continuing in mid-month shipments which apparently are now completed. The operation is on sked, Harris reported. Harris engineers and technicians are overseeing ops for turnkey pact. As a sidelight, when Harris was negotiating the deal (largest in its history, topping \$10 million Iranian deal of past year), an Indo gov't survey found that of 100 stns supposedly on the air, 37 weren't bcstg. All were non-Gates gear, the company boasted. The other 63? Yep, Harris/Gates. (Harris acquired Gates some two decades ago.) RRI engineers visited Quincy plant during hard sell. The installation project is being headed by a Harris Best Products Division office set up in Jakarta, under guidance of Ed Rabine, resident program manager. In Quincy, the pgm mgr is Howard Young. Much of the actual dirty work has been subcontracted to Indo company Intermetrics. Implications? First, the Banda Aceh site will probably add to the Nusantara structure another division. Second, there will be a number of presumably operable 1,000 watt SW-xmtrs suddenly being freed up. Should the natural course be followed, these might wind up on the Indo resale mkt and perhaps be picked up by RFDKs or other lesser entities at bargain rates. It's also likely they might be kept for back-up rigs. MW-xmtrs are going to a couple dozen sites, the preponderance located on Java, and of these and the SW-sites listed above, Harris said one of them may be changed. So this data is nearly 99 and 1/100 per cent pure! hi (Data direct to DX-Hotline from Harris Corp., Ohio)

CAMBODIA - Kaj Bjork, Swedish ambassador to China, recently visited Cambodia and his comments go a long way to explain the "black" QSL record for this nation in transition. Bjork spent two weeks there. There is no working telephone, telegraph or mail service. Money is not used...the state distributes the food, he said. He said radio plays a major role in gov't policy implementation, with big loudspeakers blaring R. Phnom-Penh to rice paddy laborers. Simple, isn't it? No mail, no veries. (Dagens Nyheter nxpaper via UPI)

MOZAMBIQUE - 3338, Mozambique now here w/super strong sig, no Zamzibar, PP pgming and vy strong. New xmtr? (Whitacre, Mich.) //3210 @ Q400, when in Noticiario. Colin Miller, quoted in NZ DX-Times, says this //4865 w/B-pgm, *0355 w/PRELIMO anthem. At same time, he rpts 3210, 4855, 6115, 7248, 9620 and 11820 all w/A-pgm, from Maputo./Ed.

COLOMBIA - 4926v, Emisora Meridiano Setenta on new fq, noted at s/off 0106 w/EE&SS IDs. EE was: "Emisora Meridiano Setenta, Arauca, Colombia, S. America...good night." Signal was gud to excellent. (Robinson, D.C.) Good catch, Dan./Ed.

NEW HEBRIDES/CLAND. - 7120, R. Canabu (Tanabu?) still hrd well to 1000* in NZ, //3975. Pgms in local dialect, perhaps Bislama. Apparently same as Bob Yeo's "Voice of Nagriamel", ex 7125. Nagriamel party lost November election and declared unilateral independence for San-to and other northern islands. Nagriamel honcho Jimmy Stevens named full freedom date as April 1. New Heb News of 2/9 suggests party fully funded by group of U.S. land speculators, including those who tried unsuccessfully to establish Rep. of Minerva on reefs off Fiji in 1972. The stn seems well organized, good eqpt. (backgrounder via NZ DX-Times)

DX HASH - The following items don't really justify separate listings but are nonetheless interesting. As Mom used to say, "Today you get hash."....In retrospect, I recall hearing that second pirate and the ID sounded actually like SDX. (Sizer, Conn.)...Don't you believe as indicated in LN a Japanese clandestine shipboard operation will transmit from a five tone ship. Red, white, blue brown and gold? (Handler, Ill.)...Gates Best Div. reports order of 100 kW SW-xmtr filled for TWR-Guam (Ed.)...The report that 6060 is Rome is a bit misleading. What should be pointed out is that it is Rome during "Notturmo d'Italia" period. (Jaar, Quebec)...Seven-month-old report to R. Cl. Malange returned intact, IRCs inside, unopened, containing local Malange postmark. Stn v'y possibly ceased existence during civil war of past year. (Ed.)...To forestall anticipated rpts of this one, R. Rumbos, Guatemala, 2h20 kc. pounding in during mid-March in central USA is MW 2nd harm, 2x1210. Noted 1100 and 0300-0500 (Robins, Mich., Ed.)...Last fall, we set out with the QF-1, which was designed to be the best communications filter one could buy for voice or CW. Cost was not heavily considered in design. Based on the reception to date, I'm glad we didn't scrimp on the QF-1 design. People apparently want things that work, not toys, and are willing to pay for them. We expect to be caught up shortly and be able to ship units immediately...At one point about a month ago, were were 30 days behind. (William Onesky, president, Autek Research, Cal.)...Deadlines: DXH accepts items up to the deadlines listed, but no later, as those dates are when the column is compiled and put into the mail. The end-of-the-month date is usually a day or two before Al Mayer puts the issue to bed, so DXH allows you to slip an item into FRENDX a week or so past the other section deadlines. There's been some confusion with reporters thinking the mid-month deadline date applied to the next month's bulletin. Not so. Rule of thumb - whatever is in my hands on any deadline date is printed and received by NAWAers in bulletin or Mid-month DXH form within seven days./Ed.

COOK/GUYANA/UNID - 3266, in line w/notes on unid. logged on this fq, Guyana is off the GMT "broken standard" now, so could be Demaraz. (Merriman, Va.) Tnx. Cook and Guyana the EE speakers known here, and Hindi mx wld favor latter. Most prob. Guyana, but no ID yet./Ed.

HAITI - hVEH and R. Citadelle the only SW activity noted from Haiti, the latter on 6156a from as early as 1020 in FF. (Jaar) 1128 ID as "Ici R. Citadelle and mtng affiliate stn "Ave Maria", running past 1135. (Robins, Mich.) 1120, excellent ID, some rlg pmlns. (Jones)

DOMINICAN REP - 11700, R. Clarin apparently has reactivated this fq after several month absence. Noted 18h0-2115 in SS w/some kind of game show in which ancr would give a number, followed by another who generally ancr "novento pesos" but occasionally a larger amount. Game ended at 2050, when went into "Clarin Informativo, LAmx past 2200. (Hood, Man.)

PHILIPPINES - R. Veritas, numerous rptrs in Japan SW Guide rpt hearing RV tests 15310v at 0000-0200 s/off, and 11875v at 1330e-1h35*. New address: P.O. Box 939, Manila. (Japan SWC)

ALGERIA - 11910, R. Algiers hrd bestg mx in EE 1900-1921 3/21. AA mx at 1921. At 1930, an EE cmtry about Algeria, Mauretania, Sahara and Castro's visit. (Dunn, NJ)

USA/PIRATES - 1610m (nom 1606), WHGC, Norfolk FCC engineers busted this one operating out of back room of Holy Temple Church of God, Charlottesville, Va., operated by John Brown, 20, minister's son. FCC turned off xmtrs and issued warning. That's all. Estimated by monitor who hrd at Laurel, Md., FCC monitoring stn as 50 watts. (Virginia Pilot clipping via NRC)

3882, on 3/20 hrd rock mx 0305-0313*, then up on 3858 rock mx at 03h7 after six mins of OC. Mx nonstop to Q133* Perhaps a one-time prank by some ham. Around 0350 a ham underneath was complaining about "that rascal". (Gaffin, NY)

62h1, pirate playing top-40 pops at 1155, prog jazz, to 1220*. Pro-type mod, maybe 150-200 watts. Maybe Jack Jones' buddy. From fade pattern, etc., signal behaved like it might be south of me on same longitude...Tennessee, Kentucky QTH? (Robins, Mich.)

BOLIVIA - 9607, R. Pirai, 0155 t/i, SS anmts, poor, bad spill from 9605 DW but R-388's mechanical filters allowed me to slice it out. (Robins)

BORNEO - 5968z, RRI-Banjarmasin hrd 3/18, poor sig 12h7-1306 f/o w/II pops, OM ancr, RRI net IS (Rayuan Pulau Kelapa - Ed.) at 1259, nx relay at 1300, OM&YL share mike. (Whitacre)

ETHIOPIA - 6185 R. Ethiopia, gud sig (which is unusual) 0359-0116 w/IS on flute, anmts, NA and -- I could swear a stack of QSLs -- an EE tc, rest in Amharic? Noted again 3/22 with 0330 s/on and VOA slp. (Whit) 6185, often after Q130. Seldom rpted. Similar to songs hrd on R. Mogadiscio. (Jaar)

MONGOLIA - 6384h//7300, Ulan Bator on 3/18 abt five days after I got (finally) my verie from them. 1220-1240+, wk mod, OM&YL in lang and much more stable than last 8/10. (Whit)

GREECE - 9760, Voice of Greece is now here to N. Am., noted in Greek 0000, EE 0015, FF 0030 to 0040, f/by Greek again to past 0100. (Jaar)

PERU - 6020, R. Nueva Victoria, #1100 3/11 w/NA, Beethoven theme, ID. SIO/2h2. (Jones)

VENEZUELA - 9750, R. Occidente, be careful not to confuse w/Mineria, both of which are indeed here. Excellent signal 3/9, "R. Occidente en Tovar, Venezuela, presenta melodia en la noche" ID hrd at 0132 t/in. (Robinson)

PAPUA NEW GUINEA - 3220, R. Morobe, 11h8-1203 chorals, instls, island mx, short rlg sermon by OM in pidgin just before NA and close. Most, or all, pulling plug at 1200 lately. (Moritz, Ohio) John also mtns Papuans on 3385, 3322 and 3360 showing. Add to that 23h0, 2376 and 2h50 noted 3/19 at various low lvs by Andy Robins, and you have some DX targets!./Ed.

390h2, R. Manus, 0856 on 3/22, orchl mx, OM ancr, mx, ID and native pops. ID is tent. with poor sig and hams ganging up. (Whit) For country counters, this= Admiralty.

##This month's Utility Handbook goes to DX-ace Vic Jaar for his fine support, though real competition for honors this round. Ute book retails for \$4.95 from Handler Enterprises, Box 253, Deerfield, IL. 60015....Pse send mid-monther orders directly to Mac. (It's \$3)##

Log

Report

Editor Section A: Dan Robinson

Washington, D.C.



Section A

I'd like to say a first "Hello" to all NASWA members. As you may or may not know from the last PRENDX, I am 18 years old, a freshperson at American University in Washington, D.C. I currently use an SFR-4 in this incredibly small dorm room, with an incredibly inadequate antenna. I hope you will all be patient as I get the hang of editing this section. Comenzamos aquí.....

- 2310 CHINA R. Peking; Peking HS 1430 in CC (Willis)
- 2370 JAVA RRI Surabaya; 1200 w/RRI Jakarta mx // 3306 and 3975 (Shaw) Is this RPDK or RRI?
- 2390 GUATEMALA Voz de Atitlan; 1102-1134 SS vocals, OM with occasional ancmnts, ID 1130 (Moritz, Zilmer) 0150-0210 SS vocals, talk, orchestral mx (Thompson)
- 3200 (T)CHINA FLA; 1105 on 2/20, tlk by W (Jones)
- 3210 MOZAMBIQUE R. Mozambique; PP at 0400-0415, ID at 0400 by M, local mx, (Mayer)
- 3215 VENEZUELA Ondas Panamericanas; 1058-1130 LA vocals, SS ads by M, relay of Rumbos program at 1103 (Zilmer, Jones, Moritz)
- 3223 SWAZILAND SMR; Pop mx pgm, DJ in EE 1919, one of few 90mb Africans audible in our mornings (Padula-AUST)
- 3223 TOGO RT; tent Lama-Kara 0608-0614, FF, Afro mx., too poor to ID (Laves)
- 3230 SOUTH AFRICA RSA; 0258-0300 in EE w/ID, NA, and rx (Dunn) 0355 EE, mx, ID, commentary //5980&7270 (Mayer) 0315 pop/rock mx, EE; nothing heard on 3250 now (Whitacre)
- 3225 VENEZUELA R. Occidente; 0138-0145 SS tlk by W, M in SS ancmnts, into LA vocal mx (Moritz, Miller) Sorry, this is out of order.
- 3245 PAPUA NEW GUINEA R. Kerema; first decent day here all season 2/27 with 3335, 3260, and 3275 all at decent level, all off by 1200 (Whitacre)
- 3245 VENEZUELA R. Libertador; LA mx, SS, ID, 0147 (Miller)
- 3250 KALIMANTAN RRI Banjarmasin; 1415, good level // 5970 which was better until 1430 (Shaw) Some details would be nice Ed.
- 3250 SOUTH AFRICA SABC; 0415-0426* EE mx, rx, freq's and times (Filka 2/22)
- 3255 VENEZUELA La Voz del Tigre; 0146-0152 M in SS tlk, into soul/rock mx, poor (Moritz)
- 3275 SWAZILAND TWR; EE religious px 1900-1915 (Padula 2/18)
- 3275 VENEZUELA R. Mara; 1106-1110 ads for "Banco Maracaibo" M in SS tlk, ID by W, into soft piano mx (Moritz) 0100 SS tlk, mx, LA vocals past 0320 (Zilmer, Miller, Thompson)
- 3280 ECUADOR LV del Napo; 1052 in SS, lively LA mx, ID, TCs, off at 1057 recheck, exo. (Jones)
- 3284 AFGHANISTAN RA; EE at 1400, very loud (Willis-Aus)
- 3287 BRAZIL R. Olinda; 0230 Brazilian pop mx, many ads, FP, no ID heard (Miller)
- 3290 GUYANA GBS; 0240, wild rock mx, EE (Miller) 0758-0812 inst. mx, TC, ID, EE tlk seemingly religious, into Hindi tlk and mx; back to EE at 0808 (Moritz)
- 3295 VENEZUELA R. Trujillo; 1120 SS LA mx, tlk (Zilmer) 0153-0204 Al Green song, LA mx, M in SS ancmnts and ID, QRM from MARS (Moritz)
- 3300 GUATEMALA R. Cultural; 0559 TGM relaying TGW's "Sistema Nacional de Emergencia" closing on 2/14 at 0559, no local ID (Hauser) 0325-0345 EE, piano mx, organ mx, sermon (Thompson)

- 3300 GUATEMALA 0310-0330, no LL's, freq approximate, w/wx forecast, strange mx, in tlk (Trauttschold) Could this be Guatemala or Belize John?
- 3300 BELIZE RB; EE, BSC world rx 0302, local weather 0312, SE, SS ID 0315 and into lite mx, bad QRM (Mohrman 2/16, McLaughlin, Jones) 0430 US pops and 1cl mx (Dunn) 0450-0511v, mx by Cat Stevens, rx on the hour, prayer, s/off w/NA & GSTQ (Ravenhorst 3/4, Moritz)
- 3306 RHODESIA RBC; African rx 0400 (Mayer)
- 3306 JAVA RFDK; listed by Australian DX'ers as Surabaya, but it was // the 1200 RRI Jakarta rx and stayed // to 3975 RRI Surabaya, oriental mx with sub-continental flavor (Shaw)
- 3315 INDIA AIR Bhopal; Indian film mx at 1358, ID at 1359 then Hindi talk after 1400 (Wagner)
- 3316 SIERRA LEONE SLBC; 2313-2321* w/opera mx, religious sermon by M, W with s/off ancmts, TC, MA (Whitacre)
- 3345 HAITI R. 4VEH; mx, tlk, some Creole but mostly FF (Zilmer) Time??
- 3346 ZAMBIA RZ; 0440 w/M and W in EE sharing mike for rx, good (Whitacre)
- 3346 KALINANTAN RRI Pontianak; good level 1420-1430 (Shaw)
- 3355 VENEZUELA R. Valencia/Impacto; 1044-1051 W in SS tlk, LA mx (Moritz) 0150 LA mx, TCs, ID's (Tuchscherer)
- 3365 VENEZUELA R. Puerto La Cruz; 0250 frequent ID's, LA mx, SS (Miller)
- 3380 GUATEMALA R. Chortis; 1136-1147, SS, LA mx, ID (McLaughlin)
- 3385 MALAWI RBC; 0445 w/native jungle boogie, M&W in lang (Whitacre) Jungle boogie!
- 3385 FR. GUIANA R. France Region III; FF ms, rx apparently on relay, 0900 s/on (Overcamp) (T) Cayenne 0450-0500 in FF, talk, no ID heard (Mayer)
- 3385 NEW BRITAIN R. East New Britain; native chorus/religious mx just before 1159* (Miller)
- 3385 SUMATRA RRI Pangkal-Pinang; local rx 1400 after ID as "RRI Persiapan Pangkalpinang"; this is not Kupang as previously thought (Cosier)
- 3390 ECUADOR R. Zaracay; 1115 SS mx, ID (McLaughlin) 2343 LA mx, SS tlk (Miller) 0522 Andean mx and s/off 0536 (Mohrman)
- 3396 RHODESIA RBC; exc. signal 2/27, 0400 w/EE rx by W, pop mx (Whitacre) TC 0415 as 6:15 AM, mx px, ads (Laves, Dunn, Zilmer, Mayer)
- 3396 NIGERIA NBC; 0530-0610 African mx, tlk, ID & rx at 0600 (Laves)
- 3414 SUMATRA RRI Medan; 1200 RRI Jakarta rx relay (Shaw)
- 3425 NEPAL RN; local mx, talk by M, exc. (Tuchscherer, Whitacre)
- 3431 INDONESIA RPKD Kediri; ancmts in Indon. with pop songs, ads, 1335 (Wagner) (T) USSR R. Moscow; 2301 IS, EE rx, poor-Has anyone else heard this? (Mohrman)
- 3510 SUMATRA RPKD Simalungan; noted with good level 1243 (Shaw) Presumed with RRI rx relay 1200?
- 3778 BALI & L.S. RPKDK Sumbawa; in the clear with 1200 RRI rx relay on excellent day for Indonesia (Shaw)
- 3800 JAVA RPKDK Jember; 1159 ID when joined with RRI net for Jakarta rx (Shaw)
- 3840 (T) KASHMIR AKR; station rptd last month as (T) Kashmir is not; Urdu ancmts and Indian type mx 1300, relay Karachi rx 1500 // 3893, 3870 (Cosier)
- 3885 CAPE VERDE IS. RCCV; 0019-0045 inst. mx, jazz, M in PP tlk at half hour, other wise non-stop mx (Moritz, Miller) 0045 piano/guitar mx, 0057 W w/tlk, ID, NA to 0007* (McNeil 2/16)
- 3900 CHINA PLA; 1042-1050 W in CC song with heavy flute overtones, into CC tlk after mx (Moritz)
- 3904 ADMIRALTY IS. R. Manus; 0930-0932, pidgin ancmts, mx, covered by ARO's at 0932 (Laves)
- 3925 JAPAN NSB Sapporo; 0930 chanting & flutes, possibly Buddhist chants (Shaw)
- 3945 BALI & LESSER SUNDA RRI Denpasar; 1135-1145 M w/regional rx to 1140, W as co-host, flute interlude and M w/ID, at 1145 hooked into relay px fm Ujung Pandang (Shaw) 1020-1200+ island mx, choral songs at 1030, "Love Ambon" at 1159 (Laves)
- 3945 (T) NEW HEBRIDES R. Vila; 0940 w/M in sermon-like tlk, sounded like FF with Pidgin mixed in (Shaw)
- 3972 (T) BURUNDI R. Cordac; 1130 vernacular tlk, not Indonesian, chants and inst. mx; het with China on 3973 (Shaw) Excellent catch if so.
- 3974 JAVA RRI Surabaya; M w/tlk in Indon., oriental mx, ARO QRM, 1055-1220 (Laves)
- 3985 ECUADOR Escuelas Radiofonicas; 1117-1125 Andean mx, SS tlk by M (Moritz)
- 3990 WEST GERMANY RFE; 2220 w/tlk in Polish by M, ARO QRM (McNeil)
- 3995 ITALY RAI; 2150 after DW s/off w/EL piano mx, ancmts by W under DW which came back on at 2155, poss. 2200* RAI (McNeil)
- 4000 SULAWESI RRI Kendari; 1049-1215 in Indon. w/island mx, ute QRM (Laves) 1110-1115 on 2/27, loud w/M & W, typical Indon. format (Shaw)
- 4033nf VIET NAM Viet Bac; 1100-1400v* // 6720 (also new). Beware, Tibet on 4035 and Korean station heard 1400 on 4033. Viet Bac is a drift from nominal 4000 (Willis)
- 4035 TIBET Lhasa; 1149 wierd mx, vocals by M (McNeil) 1253 singing by W, CC mx, poor (Laves)
- 4045 GUINA Fuzhou (listed by TBS); in CC tlk by W at 1142 (McNeil)
- 4068 CHINA Huhehot; 1300 w/CC tlk, oriental mx (Laves)

- 4078.5 MONGOLIA RUB; heard again after two months off the air, now sked 1100-1500* w/low power. Hard to hear even in Australia (Willis) (T) RUB on 4080.5, 1125 w/M in assumed Mongolian tlk (Shaw)
- 4273 N. KOREA Kanggye; at 1122 w/KK songs, tlk by W in poss. Korean; G but bad ute QRM (McNeil)
- 4376 SULAWESI RPKD Soppeng; 1436 w/local chants, G (Cosier)
- 4425 BOLIVIA R. Paititi; at 0222 w/Bolivian songs; bad QRM (McNeil 3/9)
- 4526 CHINA Tungsheng; 1310 W w/spirited tlk in CC (Shaw) Not listed in WRH as Tungsheng.
- 4600 JAVA RPKD Trenggalek; 1120-1125 w/M hosting island mx px; E (Shaw)
- 4602.5 BOLIVIA R. Mamore; 0139 w/LA songs, SS ancmts (McNeil)
- 4635 USSR Dushanbe; RR tlk at 1255 (Wagner)
- 4680 ECUADOR R. Nac. Espejo; SS, 0335-0345, drama px, tlk between M & W, ID at 0340 w/fgy's (Trautschold) 0405-0430, SS vocals, guitar mx, many ID's (Thompson)
- 4699 JAVA RKIP Surabaya; 1120 in Indo. w/M singing; sounded like drama or play (Laves)
- 4713nf VIET NAM Hanoi; HS px // 10225, 7413 at good level 1300 in VV (Willis)
- 4720 SULAWESI RRI Ujung Pandang; 1155 dreamy guitar mx, poss. mx at 1200 (Miller)
- 4725 BURMA BBS; 1128 w/Burmese songs, mx, lang tlk, not // 5039.5 which was also hrd. (McNeil)
- 4729 BOLIVIA UNID; 0150-0547 w/Bolivian format of 5 or 6 songs, tlk by DJ and more songs; many mentions of Bolivia, thought maybe one mention of "Riberalta"; is usually hrd daily w/better sigs than either Mamore or Abaroa. (McNeil 3/6)
- 4735 UNID. Asian station at 1300, vy weak; not Pakistan, sounded like Lao or Cambodian vocals (Willis)
- 4738 BOLIVIA R. Abaroa; 0225 w/fair sigs, Bolivian mx, hrd daily (McNeil)
- 4755 BRAZIL R. Diff Maranhao; 0054-0107 PP tlk w/EE pops/rock mx, ads (Ravenhorst)
- 4755 COLOMBIA Em. Nuevo Mundo; LA songs and SS ancmts at 0930; unusual summer propagation for Melbourne (Wagner) 1057-1102 SS ads, tlk, mx. (McLaughlin)
- 4762(T) MONGOLIA RUB; super weak sig 1250 w/tlk by M in lang-(T) (Whitacre)
- 4764 SUMATRA RRI Medan; poor, 1225 t/in M ancr., short IS and W in Indo. (Whitacre)
- 4770 VENEZUELA R. Bolivar; 1104 SS, mx, nx. TC's (McLaughlin) 2330-2345 w/LA mx, many ID's; E (Lucas)
- 4774.5 AFGHANISTAN RA; unusually strong sig 1235t/in to 1330, M&W in rapid tlk w/long pauses, pop mx; from 1300 M in different lang(Urdu listed). (Whitacre)
- 4775 COLOMBIA Em. Kennedy; 0340-0403* in SS w/rel. px, some EE w/closing by M at 0403* (Tuchscherer)
- 4775 UNID. SS mx px at 0330, vy weak and f/out by 0352 (Field) Could this be the above Marlin?
- 4777 GABON RTVG; 2300-2315 f/out in FF, ID at 2305 by E then into nx (Hywarren) 0450-0500 in FF, M w/ID tlk, best ever here (Mayer 3/7)
- 4780 VENEZUELA LV Carabobo; 1146 SS, mx (McLaughlin) 0013 long medley of LA songs, mentioned Valencia (Miller) 0210-0255 SS, LA mx, discussion between two men, items about Carabobo and Valencia (Ware, Wootten)
- 4780(T) KARELO-FINNISH SSR Petrozavodsk; 1220-1301 classical mx at t/in, followed by man in RR tlk, more mx, then seeming IS around top of hour; into more RR tlk. (Moritz)
- 4780.5 AFARSISAS (T) Djibouti; 0355-0410 in FF, M in tlk; 0359 IS man whistling accompanied by one drum, into AA chants (Cress)
- 4790 SWAZILAND TWR; M w/sermon and organ mx 0430-0445 (Mayer)
- 4790 PERU R. Atlantida; 1117-1129, LA mx, long string of ads, ID (Jones, McLaughlin) 0404 in SS w/EE sounding pop mx, def. ID as "Radio Atlantida" then into more LA mx. (Ware)
- 4795 ECUADOR LV de los Caras; SS 0200-0230 w/M ancr. w/many IDs, MOR type mx; extremely clear for a 500 watt station from LA-no QRM or QRN (Trautschold 2/27)
- 4805 KENYA V. Kenya; at 1320-this was Hardester's UNID on 7123 (Shaw) So, both fgy's are being used by VOK.
- 4807 DOM REP R. Norte; in SS at 0335-0400 w/LA pops, M in tlk w/ID at 0355, poss anthem and s/off at 0400, E (Trautschold)
- 4810 DOM REP R. Norte; 0330-0345 SS ID's and mx. (Filka) The correct fgy for this one is 4807 as above.
- 4810 SOUTH AFRICA Springbok R.; 0330 w/EE ID's, also Afkns px, ads, mx, TC's, mx at 0430 (Filka, Zilmer, Ware, Raper)
- 4810 VENEZUELA R. Popular; 0200 in SS, tlk and many ID's by K, ute QRM at 0207 (Hywarren) 0230-0245, LA mx, M in tlk, ID at 0245 w/fgy, address, TC (Trautschold)
- 4810 GALAPAGOS IS LV de Galapagos; *1215-1240 in SS w/mx at s/on, then 3 ID's, seagull IS, more mx, mx. (Ravenhorst)
- 4816 UPPER VOLTA RTV; tlk by M at 2220 in FF-sounds like a language lesson (Miller)
- 4820 HONDURAS HRVC; 0245-0300 in SS, sermon, piano mx, vocals, organ mx, ID at 0300 (Thompson) 0300-0330, w/drama px, rel. information, "Pacific Garden Mission"px, ID 0330 (Trautschold) 0346-0401, sermon, rel. tlk, ID 0359, "Songs in the Night" 0405-0430 (Earhart, Newman)
- 4820 ANGOLA R. Nac.; f/in 2110 w/Afro style mx, vocals, drums, tlk in PP (Padula)
- 4825 GUATEMALA R. Mam; 0200 SS messages to relatives in Spain and other cx on day of quake (Behr)
- 4832 COSTA RICA R. Capital; 0105-0110 in SS, ID, slow SS mx and ads (Ware) 0245 tlk by M, many mentions of Costa Rica (Wootten)

- 4835 SOUTH AFRICA SABC; 2140 EE L1, rock mx (Conover) 0410-0420 t1k by 1 to 0414, mx; severe QRM from R. Capital 4832, but used Autek filter to good advantage (Earhart) 0430 rel. t1k, pop mx (Zilmer)
- 4840 VENEZUELA R. Valera; 0335-0400 SS, orch mx, vocals, guitar mx, several ID's (Thompson)
- 4843 CONGO Pt. Noire; 0505 muffled t1k by M in FF, het de Botswana (McNeil)
- 4845 BOTSWANA RB; 0357 s/on w/cowbell IS, rooster and cow IS, ID, NA, into t1k in Setswana; 0423, Setswana t1k by W, Elton John songs; local mx 0440 w/W ancr.; 0500 BBC WS mx. (9 reporters)
- 4845 YEMEN ARAB REPUBLIC R. Sanaa; noted here, ex 4853, 2040-2045, AA songs, ancmts, QRM from Kuala Lumpur after 2130 (Padula 2/14)
- 4845 BOLIVIA R. Fides; 0145-0200 SS, classical mx, ID hrd by Mike Agner and relayed via phone (Dunn)
- 4845 MAURITANIA Nouakchott; FF political t1k 1940-1945, down from usual 4850 poss. to avoid Sanaa on 4853v. (Padula) 2147 t1k by M in AA (Miller) 2225-0000 w/chants, string mx, ID 2245, AA ancmts 2358, NA and s/off 0000* (Cress)
- 4845 MALUKU RRI Ambon; 0955-1012 in Indo. // 7139 w/island mx, ID at 1000 when mx was read by W (Laves)
- 4850 DOM REP. R. Clarin; 0315-0340 in SS, pop mx, classical mx; 0530 mx & ID's (Filka, Ware, McLaughlin)
- 4850 VENEZUELA R. Capital; *0957 NA, ID, W with ancmts, many ads, into soft LA and U.S. pops (Mohrman)
- 4854 UNID. (Dahomey-Behrn?); //4865 2150-2213* w/NA; at 2200 short IS, M w/ID + 3 chimes, then mx in SS or PP?? (Whitacre 2/18) Don't know about this one, but Mali has been all over recently, on 4875 and 4890.
- 4855 BRAZIL RC do Para; 0450 w/ t1k in PP, ads, jingles, sports coverage "futbol" games (Zilmer, Mayer, Tuchscherer)
- 4855 SUMATRA RRI Palembang; 1240 w/poor signal, pops w/W ancr in Indo. (Whitacre)
- 4860 USSR R. Moscow; 0241 editorial comment in EE (Wootten) 1300 RM px, presume Far East location (Willis)
- 4860 PERU R. Chinchaycocha; 0340-0400t/out in SS, Andean mx, ID 0345 (Tuchscherer)
- 4865 MOZAMBIQUE R. Mozambique; 0405 w/PP rx, old RCM gongs and bells, ID 0415, into Afro. mx., f/out by 0500. (McNeil)
- 4865 CHINA Lanchow; 1202 CC t1k by W, poss. nx (McNeil)
- 4865 AZORES ERA; 2309-2335 presumed the one here with M and W in PP t1k, no mx, just PP rambling, severe QRM (Moritz)
- 4865 COLOMBIA LV de Cinaruco; 0010 w/nx; Brazilian was gone this night (Field)
- 4870 HAITI LVR; FF at 2255-2303* w/NA, ancmts mentioned "...du Populaire de Benin", then military-like yelling w/women answering (Whitacre) 2209 Afro singing and chants, FF (Miller) 0135* w/NA, marching mx (Mayer) 0515-0652 in FF, w/M in t1k (Cress)
- 4871 IRIAN JAYA RRI Sorong; W ancr. w/pop. mx, "Love Ambon" at 1229, Indo. (Miller)
- 4870 ECUADOR R. Rio Amazonas; 1200 in SS w/ID, fags, TC, into Ecuadorian mx. (Jones) Above out of order-I'll get it right yet.
- 4876 ECUADOR LV de Esmeraldas; 0817-0830 in SS w/ballad mx, 4 good ID's by W, much QRM. (Laves)
- 4880 VENEZUELA R. Universo; 0230-0240 w/LA mx, ID, t1k in SS. (Wootten-Italy) 0335-0345, LA vocals, M w/ID after each song. (Trautschold)
- 4885 COLOMBIA O. del Meta; 0440-0500* in SS, fast paced mx, ID's, chimes, NA at 0500* (Ware)
- 4885 PERU R. Huancavelica; 0445-0501* Andean mx, ID and NA (Tuchscherer)
- 4890 PAPUA NBC; 0908-0915 end of R. Australia rx, NBC rx 0910 (Dunn) 1215-1231, EE, short story, mx, nx, ID (Overcamp) 1230 EE mx px, w/DJ (Conover)
- 4890 VENEZUELA Rdif. Ven; 0050 in SS, US pops, ID (Ware)
- 4895 MOZAMBIQUE Beira; 0420 in listed Swahili w/Native singing, ancr (Whitacre) 0426 Afro. songs, t1k. in lang., good signal but weak mod, not // 4865. (McNeil)
- 4895 CHINA Huhehot; M in CC t1k, Bad het from Sarawak at 1100 on 4895 (Shaw)
- 4896 MOZAMBIQUE Beira; 0421, W in t1k, local mx (Mayer)
- 4900 BURUNDI R. Cordac; 0415-0445 in Swahili w/chorus, orch mx, guitar mx, t1ks, (Thompson) Tent R. Cordac on 2/27, 0450-0457 w/rel. singing by choir, M ancr. (Whitacre)
- 4900 VENEZUELA R. Juventud; 1122 SS, ads for "Banco de Lara" mx, G (McLaughlin) 2300-2320 SS, pop mx, TC's (Hoffmann)
- Some last minute items.....
- 3484 JAVA RPKDK Pamekasan; noted at 1200 w/relay of RRI Jakarta nx-110watts! (Shaw)
- 3543 JAVA RPKDK Bangkalan; in the clear with same relay of RRI nx 1200 (Shaw)
- 3882a UNID. Indon. station relaying Jakarta 4775 and 4805, and also relaying another Indon. outlet on 3912a with Indon. pops around 1405 past 1420 (Wagner-AUST)
- 3892 RPKDK Sidoarjo; Indon Wayang Kulit at 1630 when on late sked, ute QRM (Wagner)
- 3905 INDIA AIR Delhi; Persian svc. 1635 w/Indian film mx, E (Wagner-AUST)

Well, that is about all we have for LR-A for this month. I am really looking forward to the coming months as section editor, and I hope the summer season does not cause a large decrease in the number of reporters-there were 39 this month.

For any other NASWA members living in the Washington, D.C. area, the following should be of some interest:

From April 12-14, the American Society for Information Science will be holding its special Bicentennial Conference in Washington-America in the Information Age. This conference will assess the critical role of information in national policy formulation and governmental management. Personalities from all over the communication world will be present to discuss all aspects of national and international communication.

What does all this have to do with DXing you may ask. Well, on Monday April 12th, yours truly will be operating an exhibit specifically about International Radio Broadcasting. I hope to have one or two receivers on hand as well as numerous QSLs, schedules, and other material. All this will be in the Information Technology Artifacts and Demonstrations section. For those in the Washington area, this conference should be well worth the time. Oh, and I almost forgot-the conference will be in the Sheraton Park Hotel, 2660 Woodley Rd., N.W. Washington, D.C.

Until next month-SECTION A LIVES!

73s Dan Robinson

HELPING HAND: For sale. Drake SW-4A receiver in excellent condition, with manual, has crystals for all major bands. \$250.00 includes shipping. Contact Karl Schwarz, 6333 Centerton Drive, Fort Wayne, IN 46805 (219) 493-2903.

HELPING HAND: For Sale. 1½ year old DX-160 with speaker, excellent condition, with speaker. Got me 150 countries, moving up to HQ-180. Make offer. Contact John Moritz, Jr., 4145 New Road, Youngstown, OH. Or call 216/792-8627 after 2200 GMT.

HELPING HAND: For sale. DX-150B in good condition \$90.00. Also Prominent SW radio with AM, FM, Weather, Police, Marine, great condition \$40.00. Contact Steve Watters, 1905 Forest Downs Drive, Fort Wayne, IN 46805 (219) 749-9863.

HELPING HAND: For sale. Hardback books, "Radio Free Europe" by Robert Holt, Univ. of Minn. Press, 1958. Published at 7.50, my price 3.50. Also, "British Broadcasting: Radio and Television in the United Kingdom" by Burton Paulu, Univ. of Minn. Press, 1956, published at \$12.50, my price \$8.25. Your order accompanied by check must be mailed by April 20 to: Al Reynolds, 4701 Old Hickory Boulevard, B-105, Old Hickory, TN 37138.

AVAILABLE FROM ARDXC: Excellent French Reporting Guide, 7 pages, compiled in close cooperation with the French Section of Radio Australia. Order from Australian Radio DX Club, P.O. Box 227, Box Hill, Victoria, Australia. 6 IRC's or \$2.00 cash via airmail; 4 IRC's or \$1.00 cash via seammil. US dollars entirely acceptable.

Publisher's Note: Myron Smith has asked us to announce that his deadline for the June Scoreboard will be May 15 and the spotlight will fall on Oceania/Antarctica as previously scheduled for December. Update your totals now.

SPECIAL ANNOUNCEMENT:

MARCH LOG REPORT - SECTION A: The complete LR-A for March will be available for those who wish to receive a copy. If you subscribe to the Mid-Month DXH, send a postcard to P.O. BOX 321 Park Forest, Illinois 60466 by APRIL 17, 1976 and it will be included in your DXH mailing. If you do not subscribe, send a 24¢ SASE to the Park Forest PO Box by APRIL 17, 1976 and you will receive a copy; better yet send \$3.00 to LIBERTY, IN HQ to subscribe to Mid-Month DXH and request a copy of the LR-A and it will be included in your first mailing of the Mid-Month DXH.

HELPING HAND: Wanted. Old style Gilfer Log Sheets (1968) will buy you new style in return. Want to keep my logs alike. Also, for licence plate collectors, I have four Hawaii plates free for cost of mailing. Contact William Trubee, Box 1323, Kealahakua, HI 96750.

HELPING HAND: Wanted. Would like to obtain a copy of "SX-190 User's Manual" by Ed Shaw. I will gladly pay for Xeroxing cost if someone will copy for me. Contact William Mann, 111 10th Avenue, Brantford, Ont., Canada N3S 1G5

HELPING HAND: Wanted 3rd and 4th edition of "How to Listen to the World", state Price. contact Al Mayer, PO Box 321 Park Forest, Illinois 60466.

Log

Report



Section B

•Editor Sec. B: Kent C. Corson
2269 Graham Circle, Dubuque, Iowa 52001

- 4907 CAMBODIA Phnom Penh; 1350, W anncr, monotonous chants. (Shaw 2/5)
4910 VENEZUELA R. Carora; 0013 SS, ID, ads. (Field 2/26)
4911 ZAMBIA R. Zambia; 0405-0430 EE/vern, rx & cmntry, mx by lcl group, ID in vern by woman. (Mayer 2/23, Cress 2/28)
4915 GHANA GBC; 2129-2253 EE/vern, Afr mx, ID, tlks, nx. (Conover 2/21, Zilmer 2/20, McLaughlin 2/23) 0605 EE, rx & cmntry. (Sheehan 2/13)
4915 COLOMBIA R. Guatapuri; 0252-0300 SS, LA pops, ID after each song, Good level. (Field 2/26, Mohrmann 2/21)
4920v ECUADOR R. Quito; 1057 SS, Andean mx. (McLaughlin) 0300-0435 SS, nx ID, LA mx, football game. (Behr 2/19, Ware 2/22, Hywarren)
4920 AUSTRALIA ABC Brisbane; 0820 EE, sleepy time mx. (Dunn 3/7) 1306 EE, ID followed by nx. (Conover 2/21)
4926 COLOMBIA Em. Meridiano 70; *1100 ID, LA mx, many ads & mentions of Aravca and Amparo, Venezuela. Good since 2/24. (Behr) / (Miller 2/14)
4930 NIGERIA NBC Benin City; 2144 lang, Afr mx, group songs and chants.
4932 JAVA RRI Surakarta; 1245-1255 Indo, lcl mx, tlks. (Mayer 2/24)
4934.6 NO. VIET NAM Hanoi; 1100-1400 HS, ex 4932. (Willis)
4940 IVORY COAST RTVI; 2245-2303 FP, Afr mx, tlk. (Zilmer, McLaughlin)
4948nf MONGOLIA RUB; *1300 CC, 1330 Mongolian, 1400 CC, 1430 Mongolian, 1500*. Is ex 7238 KHz. (Willis)
4954.4 SUMATRA RRI Banda Aceh; 1530-1600 Indo, mx vy similar to AA and guitar. No anthem. (Shaw 2/7)
4955 COLOMBIA R. Nacional; 1020 SS, quiet LA mx, Vy low. (Shaw 2/24) 0300-0430 SS, cl mx, tlks, ID. (Thompson 3/3, Schelke 2/24)
4959 ECUADOR R. Federacion Sucua; *1131 SS, anthem, mx, ID, call and freq. (Jones 3/8) (T) 1030 SS, M with nx, songs, improving to 1100. Het from 4960. (Shaw 2/24) / (Ware, Dalla)
4965 COLOMBIA R. Santa Fe; 0145-0600 SS, LA mx, many ID's, nx. (Hall)
4970 VENEZUELA R. Rumbos; 2357-0430*v SS, mx, ID's, pop mx, anncmnts at s/off. (Trautschold 2/22, Dalla 2/28, Becka 2/28, Ware 2/23)
4972 CAMEROON R. Yaounde; 0520-0535 FP, tlks, hymns. (Ware 2/28) / (2/29)
4975t BRAZIL R. Timbira; 0454-0505 FP, marching mx, tlks, no ID. (Mayer)
4977 UNID. 1005 SS?, M tlking, Perhaps Bolivian. (Shaw 2/24)
4980 SWAZILAND SMR; 0357-0443 EE, rock mx, ID's, TC's. (Moritz, Dunn, Lucas 2/23, Clare 2/27)
4980 VENEZUELA Ecos del Torbes; 2337-0357* SS, LA mx, frequent ID's, tlk, anncmnts at s/off. (Trautschold 2/22, Dalla 2/28, Hall)
4980 GHANA GBC; 2245-2300* EE nx. (Filka 2/22)
4985 BRAZIL R. Brasil Central; 0950 FP, M hostin# Brazilian pops. (Shaw)
4986 SULAWESI RRI Ujung Pandang; 0950 Indo, ballad, lively guitar mx, W hostin#. (Shaw 2/24)
4990 NIGERIA NBC Lagos; 2200-2305* EE, tlks, nx, mx, ID's. (Lucas, Filka), 0525 EE, ID and tlk. (Dunn 2/17)
4990 ARMENIA R. Yerevan; 1440 chanting in Kurdish, IS at 1500 and then into AA. (Cosier)
4990 CHINA Changsha; 1235 CC, play with emphatic tlk. Not rptd since April 75 PRENDX & July 75 SPEEDX. (Laves 3/7)
4995 PERU R. Andina; 0330-0445 SS, Andean mx, tlk. (Zilmer, Field)

- 5005 PERU R. Jaen; 0305 SS, lcl flute mx. (Mayer 2/26)
 5007 NEPAL R. Nepal; 1232 Nepal, tlk by M //3425. (Miller 2/27) 1445 & also //3425. (Shaw)
- 5010 COLOMBIA R. Surcolombiana; 1104 SS, ID, tlks. (McLaughlin 2/3) 0312 SS, LA ballads, CARACOL network, ID & TC's. (Laves 2/13)
 5010 CAMEROON R. Garoua; 1945-2201 FF/vern, chants, tlk by M, FF ID and off with anthem at 2201. (Cress 2/25, Padula 2/18)
 5020 COLOMBIA Ecos del Atrato; 1100 SS, ID, LA mx, TC's. (Behr 2/25, McLaughlin 2/3) 0112-0131 SS, LA mx, ID, TC. (Tuchscherer 2/25)
 5020 SOLOMON IS. SIIBS; 1001-1051 EE, world nx, requests from listener's, pop mx, ID in EE/Pidgin. (Jones 2/27, Mohrmann 2/27)
 5025 ECUADOR R. Splendit; 0400-0500 SS, ID, pop mx, ads, s/off and ID at 0500. (Jones 2/14, Field 2/14)
 5025 PERU R. Quillabamba; 1055-1131 SS, Andean mx. (Mohrmann, Moritz)
 5025 BRAZIL R. Borborema; 0320-0430 PP, variety of mx, some pops, ID's at 0358 and 0430 before s/off. (Moritz 2/17)
- 5030 VENEZUELA R. Continente; 0030-0130 SS, mx, ID's. (McGonnell)
 5035 COLOMBIA LV del Caqueta; 0423-0504* SS, US&LA mx, NA. (Tuchscherer)
 5040 PERU R. Libertad; 1055-1112 SS, Andean mx, M is SS. (Moritz 3/4)
 5041 GUINEA-BISSAU RB; 2214-2224 PP, tlk by M, Afr mx. (Cress 2/25) 0555 drum IS, NA, W in PP and into lcl mx. (Mohrmann 2/15)
 5045 BRAZIL R. Cocablanca; 0200+ PP, mx pgm, ID's both evenings hrd, one time complete with Kcs., "onda tropical", and "Radio Cocablanca Rio de Janeiro". No other Brazilians noted. (Field 2/12,13)
 5046 JAVA RRI Yogyakarta; 1055 at Room listening quality. (Shaw 2/27)
 5047 TOGO R. Togo; 2250-2300* PP, nx followed by NA. (Hywarren) 0616 FF, tlks by M. (Clare 2/24)
- 5052 SINGAPORE R. Singapore; 1245 EE, pops and M tlking. (Whitacre 3/7) 1330-1345 EE, nx, TC, mx and play. (Thompson 3/5)
 5054 MONGOLIA RUB; 1100-1500* Excellent level. (Willis)
 5055t BOLIVIA R. San Rafael; 1110 SS, M tlking, very weak, few mx numbers, and mention of Bolivia, but no ID hrd. (Shaw)
- 5060 YEMEN PDR DYBS; 0515 AA, album mx, M Djing. Poor. (Shaw 2/2)
 5075 COLOMBIA R. Sutatenza; 0005-0401* SS, LA mx, ID's, usual format. (Trautschold 2/22, Newman 2/14, Hoffmann 2/27, Filka 2/22)
- 5260 SUMATRA RRI Sibolga; 1135-1500 Indo, M chanting what could have been Koran at 1135; Jarkarta nx at 1500. (Laves 3/7, Cosier 2/10)
 5875 HONDURAS LV de Honduras; 1124-1137 SS, mx, tlk, nx. (McLaughlin) 0102: telethon for Guatemalan quake victims. (Mohrmann 2/11)
- 5900 ISRAEL IBA; 2205 PP, ID, nx. (Conover 2/21)
 5925 CANADA RCI; 2200 EE, sports. (Conover 2/21)
 5930 CZECHOSLOVAKIA R. Prague; *0100-0157* EE, nx, mx, mailbag pgm, ID. (Thompson 2/21, Conover 2/16, Lucas, Ware 2/13, Dunn 2/12)
- 5935 ESTONIAN SSR R. Riga; transmitter is located in Estonia, according to ARDXC & BBCMS. Scratch one country if you QSL'd as Latvia. (Behr)
 5960 CANADA RCI; 1321 EE, ID, nx, cmtry. (Conover 2/21)
 5960nf MONGOLIA RUB; *1000-1030 Mongolian and RR; 1030-1100* CC; *1300 and 1400 CC; 1330 and 1430 Mongolian; 1500*. Ex 7262. (Willis)
 5960 GREECE VOG; 1920-1930* EE, 10 min nx pgm. (Wootten 2/11)
 5962v COLOMBIA LV de los Centauros; 1030-1130 SS, LA mx, ID's, nx. (Behr, Zilmer 2/17) 0300-0337 SS, mx, ads, ID. (Jones 2/13, Cosier, Hywarren)
- 5965 BRAZIL R. Guaiba; 1016 PP, tlk. (Jones 3/5)
 5965 SWITZERLAND SBC; *0145-0151 EE, IS, ID, nx, mx. (Ware, Conover 2/17)
 5968a PORTUGAL RP; 0232-0258 EE, nx, mx. Wiped out by VOA at 0258. Pgmng far to left of old RP. (Detlefsen 3/4)
- 5975 UNID. R. Nacional? 0200 SS, vy weak, ID 3 times. (Detlefsen 3/4)
 5975 IRIAN JAYA RRI Nabire; 1010 Indo nx. Vy Good lvl. (Cosier)
 5980 SOUTH AFRICA RSA; *0300-0400 EE, IS, ID, nx and sports. (Woltman, Conover 2/17)
- 5980 PERU R. Panamericana; 0545-0700* SS, LA mx, ID's every 15 min, TC's between songs. (Jones 2/19, Hywarren)
- 5980 MEXICO R. Mexico; 0145 SS, LA mx, ID's, annmnts. (McLaughlin 3/7)
 5980 UNID. *0958 with OC, weak & fluttery sigs, but blocked at *1000 by KGEI which was off until then for some reason. Hoping for rare Gronlands R. - Does this have IS pre 1000? (Cosier 2/17)
- 5985t ARGENTINA R. Splendid; 0952-1027 SS, many ID's as "R. Nacional Buenos Aires", mx and tlks. (McLaughlin)
- 5990 ROMANIA R. Bucharest; 0148-0152 EE, nx, ltrts. (Conover, Dunn 2/12)
 5995 MARTINIQUE ORTF; 2145 PP, continuous mx, FF annmnts. (Conover 2/14)
 5995 AUSTRALIA ABC Lyndhurst; 0708 EE, sports, nx, mx. (Dunn) 1330 EE, ID, nx and mx. (Conover 2/21)
- 5995 VATICAN STATE Vatican Radio; *0100-0115* EE, rel pgm. (Richardson)
 5995 MALI RM; 2212-2234 PP, Afr mx, tlks, ID. (McLaughlin 3/7)
 6000.6 HONDURAS R. Swan; 0805-0829 SS, LA and Polka mx. (Clare 2/28) 1100 ID and SS nx, marimba mx. Up from 5999.5. (Behr 2/25)

- 6000 HUNGARY R. Budapest; 0200-0309 EE, nx, cmntry, mx. (Ware, Carter, Newman, Thompson, Pearson, Hersh)
- 6000 AUSTRIA ORF; 1330-1336 GG, cl mx pgm and disc. (Wootten 2/11) 2245-2300 GG, non-stop lt orch mx, tlk at 2300, then back to mx. Missed ID. (T) (Mayer 3/7)
- 6005 AUSTRALIA RA; 1255-1400* EE, nx, Top of the morning pgm, mx pgm, time pips and off. (Brown 2/28, Thompson 2/27)
- 6005 HUNGARY R. Budapest; 2130-2135 EE, IS, ID. (Richardson 2/8)
- 6005 W. GERMANY RIAS Munich; 1337-1345 GG, 50's R&R pgm, with much disc of personalities of the period, ID at 1342 by W. (Wootten 2/11)
- 6006 COSTA RICA R. Relej; 1145 SS, mx, tlk. (Hall)
- 6010 W. GERMANY DW; 0126-0150 EE, nx, ID, QTH, mx. (Thompson, Ware)
- 6015 AUSTRIA ORF; 0430 EE, nx of olympics, lcl mx. (Zilmer 2/24)
- 6020 NETH. ANTILLES RN Bonaire; *0030 SS, IS, ID. (Conover, Ware)
- 6025 PORTUGAL RF; *0200-0300* EE, nx, cmntry, mx selections. (Hersh, Clare 2/19, Carter 2/24, Conover 2/23, Manly, Horwath, Schelke)
- 6025 PARAGUAY R. Nacional; 1015 SS, tlk, lcl mx. (Zilmer 2/9)
- 6025 UZBEK SSR R. Tashkent; *1200-1230 EE, nx, cmntry, ID. (Lucas, Richardson)
- 6030 W. GERMANY Sueddeutscher Rundfunk; 1346-1350 GG, pop mx, M DJ, for-similar to some US pop stations. (Wootten 2/11)
- 6030 JAPAN R. Japan; 1345* EE/JJ, anthem, ID in EE/JJ and off. (Jones)
- 6035 AUSTRALIA RA Carnarvon; *1431 mx & EE pgm to 1615 f/o. (Behr 2/23)
- 6035 BRAZIL R. Globo; 0020 PP, tlk, mx and ads. (Zilmer 2/23)
- 6035 LIBERIA VOA Monrovia; 2200* EE (Nicholson) 0300-0330 EE, Afr safari pgm. (Raper 2/26)
- 6035 MALTA IBRA; 2100-2115 EE on a Sunday. Ex 6055, probably also used for other org buying time on this facility. (Padula 2/14)
- 6040 COLOMBIA LV de Tolima; 0930-0950 SS, mx with many mentions of Colombia and ID's. (Lausevich 2/22)
- 6040nf FRANCE Paris; *2200 SS to Europe, ex 5960. (Padula 2/16)
- 6044.6 JAVA VOI; 1000 Indo, low for the first 5 min, then rapid increase in strength. Two-tone bell IS, RRI gamelan theme, M with ID and then into nx. Excellent level. (Shaw 2/27)
- 6045 PERU R. Santa Rosa; 0308-0333 SS, Andean mx, ID. (Tuchscherer)
- 6045 BRAZIL R. Clube de Paranaense; 0209-0221 PP, sports event with usual excited anncr. (Moritz 2/27)
- 6045.8 URUGUAY R. Dif. del Uruguay; 0930 SS, M with many ads, TC's, ID's, slogans and gongs. Rapid decline to 1000 and gone. (Shaw 2/27)
- 6045.8 UNID. Hetting against Indo was a Korean from 1000. (Shaw 2/27)
- 6055 MALTA IBRA; 2100-2115* EE, rel pgm, ID, QTH by M. (Richardson 2/8)
- 6060 SCITLY RAI Caltanisetta; 1350-1352 Ital, pop pgm, long silences between records, features, etc. (Wootten 2/11)
- 6060 ARGENTINA RAE; 1000 SS, mx (strauss waltzes). (Conover 2/29)
- 6065 SPAIN RNE; *0200-0225 EE, ID, regional nx, cmntry. (Haas, Richardson)
- 6065 W. GERMANY DW; 0245-0300* GG, IS, ID, DJ pgm. (Conover 2/15)
- 6070 VENEZUELA R. San Sebastian; 1112 SS, LA mx, tlks, ads. (McLaughlin) 2350 SS, usual LA mx, many ads. (Miller 3/2)
- 6070 CANADA CFRX; 2250-0025 EE, pop mx, ads, etc. (Newman, Nicholson)
- 6070 BULGARIA R. Sofia; 1357-1405 S-C, s/on sig, nx. (Wootten 2/11) 2140-2200* EE, cmntry, Bulgarian mx, s/off. (Richardson 2/11)
- 6075 W. GERMANY DW; *0130-0150* EE nx. (Hoffman 2/26, Newman 2/26)
- 6080 BELGIUM RTB; 0050 EE, ID, nx, comment. (Ware 2/16)
- 6080 USSR Komsomolsk(list); 1130 RR, string mx //6035. (Jones 3/5) -son)
- 6085 CANADA RCI; 0115-0200* EE, North Am magazine, ID, IS. (Ware, Thomp)
- 6085 W. GERMANY DW; *0200 GG nx //6100, 6145, 9735. (Hoffmann 2/26)
- 6085 W. GERMANY Bayerischer Rundfunk; 1406-1415 GG, Rachmaninoff concert after intro on subject. (Wootten 2/11)
- 6087 TAIWAN BCC; 1040 CC, M&W anncrs with west & CC mx. (Shaw 2/27)
- 6090 AUSTRALIA ABC Sydney; 1100-1207 EE, ID, time pips, nx, wx, and mx. (Dunn 3/5, Jones 3/5)
- 6090 NIGERIA RTV Kaduna; 2145-2200 Hausa, Afr mx, ID, tlk. (Brown, Zilmer)
- 6090 LUXEMBOURG R. Luxembourg; 0000-0204 EE, rock mx, wx, typical DJ patter. (Brown 2/17, Dunn 2/13, Becka 2/21)
- 6090nf FRANCE Paris; 2020-2030* FF, variety and tlks. (Padula 2/9)
- 6095 ECUADOR HCJB; 0230-0415 EE, DX Party Line, mx. (Hoffman, Sheehan, Nicholson 2/24)
- 6100 MALTA DW; *0200 GG nx //6085, 6145, 9735. (Hoffmann 2/26)
- 6100 MOROCCO RTVM; 0045 AA, chanting under DW //6170. (Zilmer 2/24)
- 6100 VENEZUELA Observatorio Cagigal; 0705-0750 Time pips. (Moritz, Carter)
- 6100 UNID. 0752 bird song IS under Observ. Cagigal on USB. (McLaughlin)
- 6105 NEW ZEALAND RNZ; 1041 EE, pgm highlights, anthem and off at 1044. (Jones 2/20)
- 6105 MEXICO Su Pantera; 0313-0335 SS, rock mx, ID. (Tuchscherer 2/20)
- 6115 CONGO RTVC; 2245-2303* FF, Afr mx, tlk. (Zilmer 2/23)
- 6115 PERU R. Union; 1130 ID, ads, nx, Fair. (Behr 2/27)

- 6115 MEXICO R. Universidad de Sonora; 2030-2130 SS, ID and one hour of cl mx. (Thompson)
- 6120 SPAIN RNE; 0058 SS, ID, freq annmcs, nx. (Greene 2/16, Padula 2/9) 0304 SS, ID, M with nx. (Trautschold 2/27)
- 6121 COLOMBIA R. Super de Cali; 0500 SS, LA mx, many ID's, TC's, at vy good level. (Hywarren) 0900-0920 SS mx, many ID's. (Lausevich 2/20)
- 6130 W. GERMANY DW; *2205 PP, ID in GG, mx. (Brown 2/28) 0259 SS, M&W w nx to C & SA. (Trautschold 2/27)
- 6130 GHANA GBC; 2130-2202 EE, nx, pgm of folk mx. (Brown 2/28)
- 6130 CANADA CHNX; 1146 EE, pop mx, ID as CHNS. (Jones 2/19) 2322 EE, rock mx, ads, etc. (Nicholson)
- 6135 SWITZERLAND SBC; 0142-0215 EE, IS, ID, "Dateline pgm", nx, DX pgm on 2/15. (Raper, Ware, Dunn) 0330-0345 PP, mx, nx. (Conover) 0430-0500 EE, mx. (Thompson 2/21)
- 6135 POLAND R. Warsaw; 0200-0230 EE nx. (Thompson 2/19)
- 6135 BRAZIL RTV Gaucha; 0830-0837 PP, LA mx and ads. (Clare 2/22)
- 6135 MALAGASY RTM; 1345 W hosting EE & Hindi-like vocal mx. (Shaw)
- 6145 W. GERMANY DW; *0200-0245 GG, ID, nx, drama pgm. (Trautschold, Raper)
- 6145 CANADA RCI; 2150-2158 EE, features, nx, ID, s/off, IS. (Richardson)
- 6150 COLOMBIA LV de Huila; 1108 SS, LA pops, TC, ID's, nx. (Mohrmann 3/5)
- 6150a BRAZIL 0810-0835 PP, mx, frequent mentions of "Brazil" in ID, but could not make out station ID as such. (Lausevich 2/4) How about R. Cultura da Bahia on 6155?KCC.
- 6155 AUSTRIA ORF; 1230-1300 EE, nx. (Wootten 2/11) 0130-0155 EE, interview on the Olympics, letter-box. (Conover, Dunn, Haas)
- 6155 JAPAN AFRTS; 0810 EE, pop mx, usual pgming. (Clare 2/7)
- 6155 BRAZIL R. Cultura da Bahia; 0000 PP, tlk, mx, many ID's. (Zilmer)
- 6156v HAITI R. Citadelle; 1158-1301 PP, tlk by M, pop mx with FF words. (Zilmer 2/23, Miller 2/28) / (Lausevich 2/3, Clare 2/22)
- 6160 COLOMBIA Em. Nueva Granada; 0719-0825 SS, LA mx, frequent ID's.
- 6160 CANADA CKZN; 1637 EE, regional nx, wx. (Meehan) 0000 EE, relay of CBC in EE network, cl mx. (Brown 2/27)
- 6160 NETH. ANTILLES RN Bonaire; *0200-0320* EE, DX jukebox, seemingly alternating with 6165. (Behr 2/26, Zilmer 2/27, Conover 3/1)
- 6165 NETH. ANTILLES RN Bonaire; 0200-0320* EE, world nx, DX jukebox. (Hoffman 2/15, Haas 2/13, Thompson 2/19) 0500 EE, cntry. (Woltman)
- 6170 COLOMBIA LV de la Selva; 1115-1147 SS, pop mx, tlk by M with ment. of Florencia. (Moritz, Jones 3/5)
- 6170 UNID. lang 0145-0200 f/o with AA type chanting, no ID hrd. Could be Morocco, but it is really too late for them. Ideas? (Trautschold 2/27)
- 6175 BRAZIL R. Guarani; 0925 PP, lt mx, frequent mentions of Sao Paulo. (Lausevich 2/14)
- 6180 GUATEMALA R. Nacional; 0550-0609* SS, nx of earthquake and rescue operations, off with long NA. (Hauser 2/15, Ware 2/15, Horwath 2/19) 1152-1204 SS, mx, ID. (McLaughlin 2/17)
- 6185 LIBYA PRB; 0536-0603 AA mx mixing with DW EE. AA annmcs by W and into possible nx at 0600. Poor. (Moritz 2/21)
- 6185 ETHIOPIA R. Ethiopia; 0335-0345 Amharic, Somali type mx, poor under Open carrier. (Mayer 3/8) (T) 0353-0422 Afr flute mx, drums, etc. ID at 0400 not readable but NOT Libya. (Laves 2/19)
- 6190 MOROCCO RTVM; 2230 AA, mx, tlk //6170. (Zilmer 2/23)
- 6190 VATICAN Vatican R.; 2230 EE/lang, cl mx, concert. (Zilmer 2/24)
- 6190 ROMANIA RB; *2300 lang, IS, ID, tlk. (Zilmer 2/14)
- 6190 NETH. ANTILLES TWR; 0345 RR, s/on in EE, ID. (Dean)
- 6195 BRAZIL unid. 2300-2315 PP, futebol, no Brazilian listed 76 WRTH. No ID hrd. (Mayer 3/7)
- 6195 CHILE LV de Chile; 1000 SS, IS, ID, tlk and mx. (Zilmer 2/9)
- 6195 NIGERIA NBC Sokoto; 2200-2302* EE, nx, tlk and Afr mx. (Zilmer 2/14)
- 6200 ALBANIA R. Tirana; 0135-0255* EE, usual propoganda stuff, ID, s/off annmcs. (Conover, Raper, Ware, Trautschold, Thompson)

That's all there is for this month folks. Number of reports is down as we head into the summer season. Hope all of you had as great a winter as we did in Iowa, but don't let the warm weather keep you away from the dials completely. DON'T send your reports directly to me, but rather to Greg in Hollandale.

73's *lit*

SECTION "C"

Log EDITOR: TOM GAVERAS

6201-11700

Report

DEADLINE: 12TH OF MONTH



SOURCES: RBC Monitoring Service; (SCDX): Sweden Calling DX-ers; (ACDX): Arthur Cushen DX World; (TDKN): Tropical DX Newsletter, 1600 Newton St. N.E., Washington DC 20018.

ALL REPORTS SHOULD BE SENT TO THE DISTRIBUTION EDITOR: GREG RAVENHORST, RURAL ROUTE, HOLLANDALE, MINNESOTA 56045. THE DEADLINE IS THE 12th OF THE MONTH! Some good DX tips this month.....so on to the loggings:

- 6205 FRANCE RFI; 1839 FF w/pop mx & interviews (Pineault).
- 6235 PAKISTAN R. Pakistan; 1930 w/tlk by Man & Woman & mx, w/EE ID 1945* SSB(Lisanti).
- 6262a UNIDENTIFIED; 1049. Continuous U.S. pop mx, have been hearing this station for several months, announcements are rare; seemingly by kid or teen-ager. Usually heard only when Peking & Voice of Hope are audible. Bound to be way west of Mississippi 2/20 (SIO 332) (Jones). *Very Interesting*
- 6280nf CHINA R. Peking; 1235 in CC w/Home Service-1 (Willis-Australia).
- 6290 CHINA R. Peking; 1200 w/EE mx & cmtry (Zilmer).
- 6328 VIETNAM Tay Bac; 1100-1430v//4770 (Willis-Australia).
- 6394 KOREA (NORTH) Pyongyang; 1300. Program in Korean. Drifting from 6400(Willis).
- 6448 VIETNAM Hanoi Home Service; 1300-1500 in VV//10060 (Willis-Australia).
- 6580 LEBANON Voice of Lebanon; 0600-0700. Operated by the Lebanese Phalangist Party. This clandestine station operates from 0600-0700, 1200-1300 and 1600-1800 w/AA at 0615, 1215, 1715, w/FF 1630 & EE 1645 (BGCMS).
- 6720nf VIETNAM Viet Bac; (EX 6863)//4032v. 1100-1400*. Pleased on this one! (Willis).
- 6798.8 UNIDENTIFIED; 0720-0734 FF w/instrumental mx, electronic IS, OM & YL tlk, mentioned 'Djibouti' on LSB. Good. Strange mode & frequency (McLaughlin 2/12).
- 6840nf CHINA Home Service; 1400 in CC. Weak. They insist on making all these changes!
- 6900 TURKEY V. of Meteorological; Turkish 1510. Mx & slight QRM (Coiser-Aust)(Willis)
- 6980nf LAOS Lao Nat. Radio; 1300-1400*//6200, 7480, 6130. This is probably another old Pathet Lao transmitter. Lao pgm. (Willis-Australia).
- 7005 UNLD; EE 1520 w/DJ, Rock mx, no commercials, no sta. break at 1/2 hour. (Conover 3/6). * Interesting, I wonder if this sta. is related to the one on 6262*
- 7045 PAKISTAN R. Pakistan; 1915-2145 (ex 7085)//6235. World Service to the United Kingdom. W/mx, tlk, definite ID, address. Urdu till 2000, AA afterward. Unid. Asian language at 2030 (Wootten-Italy, Padula-Australia, BGCMS).
- 7065 ALBANIA R. Tirana; *0000+ EE w/mx & cmtry. QRM from CW sta.(Sheehan,Richardson).
- 7070nf INDONESIA RRI-Jakarta; 1250. Pertamina oil company financial problems mentioned in commentary in Indonesian (Ex 7058) (Willis-Australia).
- 7075 EGYPT R. Cairo; Home Service at 0625 in AA w/Egyptian mx//9455 (McLaughlin).
- 7085 PAKISTAN R. Pakistan; 1815-1820 EE w/mx. Interrupts the Turkish service to Turkey. (Wootten-Italy).
- 7105 ASCENSION ISLAND BBC Atlantic Relay; 0258-0335 EE W/World mx, "The World Today", and a talk about Argentina (Thompson, Trautschold). 0600 mx & cmtry. WRTVH says it is Hausa (Gesell).
- 7118.2 NEW HEBRIDES V. of Nagriamel; Heard in med-February to 1003* W/native mx, seemingly Pidgin announcements. Very Poor (Coiser-Australia)
- 7120 ENGLAND BBC; 0705+ EE W/English by Radio" pgm (Earhart).
- 7120 CHINA R. Peking; 0300 EE w/pgm about Culture in China (Pineault).
- 7121.4 SOMALIA Radio Hargeisa; This is definitely the station heard here, not Radio Mogadishu. //11646 at 1500 Somali (Willis-Australia).
- 7123 KENYA Voice of Kenya; 1320 Beautiful EE programming, east Afro mx//4805. I've never heard this in my life and can not recall who did last. 2/27 (Shaw). WOW!
- 7125 GUINEA La Voix de la Revolution; 0245 FF w/local mx, talk (Mayer). 0615-0730+ FF w/ tlk & native mx, ballads (Shaw, Earhart).
- 7125 UNLD; 0105-0130 Lang. Afro mx (Drum, guitar, etc), no ID (Trautschold) See Above!
- 7135 TADZHIK SSR R. Dushanbe; 0230-0258 w/9 note IS (Bells), OM announcements with ID in Tadzhih (Shaw).
- 7135 FRANCE RFI; 0545-0600 FF w/pop mx, ID (mx & verbal) mx at 0600 (Earhart).
- 7143 ALGERIA R. TV Algeria; 2330-0010 SS W/singing, speeches, many mentions of Chile, mx, 0000 ID as "R. TV Algeria" broadcasting to Chile (Ravenhorst).
- 7144 LAOS Rdf. Nat. Lao; 1405. Man & Woman tlk, jazz mx, hi-liting soap opera (Shaw).

- 7150 ENGLAND BBC World Service; 0545. BBC on this frequency, beamed toward North America and Pacific Islands, inevitably violates Western Hemisphere air space, where this band is reserved for Hams. Letter from America pgm. (Hauser).
- 7150 UKRAINE SSR R. Kiev; *0030-0100* EE w/ID's, mx, DX Pgm(Ware, Carter, Pineault, Haas)
- 7150 USSR R. Moscow; 0115 EE w/nx, cmtry, mx (Woltman) SS pgm to Central
- 7155 GERMANY R. Liberty; 0325 w/tlk in RR under heavy jammer (Wagner-Australia).
- 7165 ETHIOPIA ETLF; 0340-0425* Swahili tlks, hymns. EE at 0400 w/pgm for East Africa w/nx, orchestra mx, religious pgm, etc. (Thompson, Shaw).
- 7165t LIBYA Peoples Rev. Broadcasting; AA tlk by 2 men. 2130 resume reading AA(Miller).
- 7170 NEW CALEDONIA Radio Noumea; 0600 FF w/pop mx. VOA QRM (Gesell). 1040-1102 FF w/pop mx, tlk, S-off w/"La Marseille" (Ware).
- 7170 GREECE VOA-Kavala; RR tlk & light mx at 0320. Unusual conditions for European reception in the 41 meter-band in Australian mid-summer (Wagner-Australia).
- 7180 SPAIN R. Liberty; 0335 w/RR dialect and little sign of jamming(Wagner-Australia).
- 7185 USSR Unidentified; Men talking in unidentified lang. S-off w/no NA or IS(Brown).
- 7190 YEMEN (PDR) DYBS; 2105-2159* AA tlk, mx, chanting, Id (Ware, McLaughlin, Moritz).
- 7195 JAPAN NHK; 1830 EE ID & News (Rojewski).
- 7195 ROMANIA R. Bucharest; Observations have revealed that two 30-minute broadcasts have been added in RR 1700-1730 & 1830-1900//6180. External Service (BECMS).
- 7200 USSR R. Moscow; 2140 EE w/African Service, ID's (Meehan).
- 7205 INDONESIAN ISLANDS VOA-Rhodes 2130 EE w/Issues in the News pgm (Meehan).
- 7205 PHILIPPINES VOA-Tinang; 1420 Cambodian tlk, ID, 1430 Indonesian pgm (Shaw).
- 7205 USSR R. Moscow; 0312-0335+ EE tlk & cmtry on Angola (Sheehan, Wagner-Australia).
- 7215 ANTARCTICA AFAN; McMurdo has moved here from 6012 & operates 24 hr(ACDX via TWC).
- 7215nf AUSTRALIA R. Australia-Carnavan; 1100 Indonesian w/tlk, nx, to 1500 EE pgm till 1600 fade/out (Behr, M. Smith, Willis-Australia, SCDD).
- 7215 BRUNEI R. Brunei; 1247 EE w/pop mx, tlk by YL (Miller). 1430* NA, GSTQ (Shaw).
- 7215 IVORY COAST RIG; 2145-2200 FF w/Afro. mx//11920 (Mayer).
- 7220 NIGERIA V. of Nigeria; 0730 EE w/nx, tlk about government to issue sugar to help combat inflation (Dunn).
- 7215t SAUDI ARABIA RSKSA-Jeddah; 1430-1450* AA like vocal w/mx (some pop) (Shaw).
- 7220 AUSTRALIA ABC; 0114-1203+ EE w/nx about Argentina, etc (Dunn, Horwath).
- 7220 HUNGARY R. Budapest; 0410-0415* EE. R. Budapest DX Club pgm. HAM QRM (Newman).
- 7225 UNID; mx, chant-like vocal at 0415. One evening faded out but back at 0500 with similar music. 2-15, 2-16 (Field).
- 7225 PHILIPPINES FEBG; 1200, lang., ID, and mx: "How Great Thou Art" (Dunn).
- 7225 ROMANIA R. Bucharest; *2200 GG w/ID (Meehan).
- 7235 YEMEN R. Sanaa; 2000-2120 AA. Seems to alternate w/4853v, but wouldn't be sure. Strong level (Padula-Australia).
- 7235t ZAMBIA Z.B.S.; 0610-0620 EE w/hot jazz mx & tlk. Couldn't get ID due to QRM
- 7245 USSR R. Moscow 0100-0130 EE w/Propaganda (Thompson). (Barhart)
- 7260 COMORO ISLANDS FR3; 1520 FF heard in WCNA in 1st AM. Pgm like ORTF (Shaw).
- 7265nf USSR R. Moscow; EE 1245. European transmitter site (Willis-Australia).
- 7270 SOUTH AFRICA RSA; 2001 FF "Salut les Jeunes", pop mx (Pineault). *2059-2150* EE w/IS, ID, nx//9585 (Ware, Hoffman). *0300 EE "Good Morning Africa" to East Africa & Middle East (Raper, Conover).
- 7275 NIGERIA Voice of Nigeria *0600-0710+ EE w/nx, mx, etc.(Hoffman, Sheehan, Newman,
- 7275 CYPRUS HBC; 0500 EE ID, IS behind VOA-Liberia (Gesell). Sheehan)
- 7275 TUNISIA RTVT; 0505-0630+ AA w/stringed mx. (Barhart, Ware).
- 7280 LIBERIA VOA-Monrovia; 0300-0330 EE w/Johnny Cash mx, correspondents, UN & World nx (Thompson). 0500 EE w/oldies but goodies (Harry James, etc), nx (Gesell).
- 7280 USSR R. Moscow; 0341 w/SS tlk & light mx (Wagner-Australia).
- 7285 GERMANY (WEST) DW; 0630-0640 GG w/mixed mx (Barhart).
- 7290 GREECE VOA-Kavala; 1430 in Urdu to 1500*. *1530 Sign-on in Hindi//6170(Site?)Behr.
- 7300 ALBANIA R. Tirana; 0130-0200 EE w/Folk mx (Thompson).
- 7300 USSR R. Moscow; EE to N.A. 0610-0620 (Padula-Australia) 2335 EE cmtry (Manley).
- 7320 USSR R. Moscow; 0345 SS to Central America//7330 (Wagner-Australia).
- 7340 CANADA CHU TIME STATION; 0125 time pips with time in EST in EE & FP (Manley).
- 7345 CZECHOSLOVAKIA R. Prague; 0120+ EE w/nx, cmtry, folk mx (Sheehan, Manley).
- 7355 LITHUANIAN SSR R. Vilnius; *2230-2250 EE w/IS, ID, nx, cmtry, mallbag show (Richardson). 0045-0058* EE ID, tlk by man, cmtry, IS (Conover).
- 7355 USSR R. Moscow; *2300-2320 EE ID, NA, nx by man, "Thinking Out Loud"pgm (Ware).
- 7385 LAOS Lao. Nat. R.; 1300 in Lao//6130, 6200 via old V. of Peaceful Laos station (Willis-Australia).
- 7390 USSR R. Moscow; Home Service feeder//7420 1900-1945 (Padula-Australia).
- 7395 ISREAL IBA; 0500-0516 EE w/nx, editorials. 0515 FF pgm (Barhart, Clare, Ware).
- 7412 ISREAL IBA; 0500-0516 EE w/nx and editorial. FF pgm at 0515 (Clare).
- 7417 VIETNAM (Hanoi); 1200 w/second pgm of Hanoi with language lessons//10226,7470,4713
- 7420 USSR R. Minsk; *2130 w/organ IS, & ID in Byelorussian. QRM from (Willis-Aus) another USSR outlet carrying Moscow HS (Padula-Australia).
- 7462.5 ISREAL IBA; 2120-2125 w/HS in Hebrew (Padula-Aus.) 2245-2305* Hebrew tlk, mx, etc. Home Service//9400 (Zilmer).
- 7480 LAOS Lao. Nat. R.; now uses this freq.//6200, 6130 1400* (Willis-Australia).
- 7500 AUSTRALIA VNG TIME STATION; 1142-1232+ time pips w/time given in EE at 1144, 1159, etc.//4500 (Horwath, Overcamp).

- 7505 CHINA Peking Home Service; 2130-2135 good level in CC w/talks (Padula-Australia).
- 9009 ISREAL IBA; *2000-2055* EE w/IS, ID, nx, "Jerusalem Calling" to North America (Richardson, Schipelliti). 2232 FF nx (Hoffman) 9010.3 (drifting) 0500 EE (Willis and Cosier-Australia).
- 9022 IRAN Voice of Iran; *1958 EE w/IS, ID, nx (Conover).
- 9030 CHINA R. Peking; 1950 w/RR programming (Willis & Cosier-Australia).
- 9290 CHINA R. Peking; 1525* w/Asian lang. S-off w/slow International (Shaw).
- 9375 ALBANIA R. Tirana; 1528* International, IS, then tlk by Woman in JJ or KK (Shaw).
- 9400 ISREAL IBA; 2245-2305* in Hebrew w/tlk & mx. Home Service (Zilmer).
- 9410 ENGLAND BBC; 1645 EE w/tlk (story) (Conover). 2333 EE 'World Ballet/Wales' (Greene)
- 9455 EGYPT R. Cairo; Home Service 0625 AA w/Egyptian mx//7075 (McLaughlin).
- 9460 PAKISTAN R. Pakistan; EE 1430, 1300-1630 in Urdu for World Service to Middle East and Persian Gulf//17665, 11885 (BBCMS).
- 9475 EGYPT R. Cairo; 2332 lang., Arabian mx, tlk (Greene). 0200 EE to NA (Conover).
- 9493 TIBET (Regional Station); CC at 1300. Drifting from normal 9490 (Willis-Australia)
- 9495 ISREAL IBA; 2240-2255* FF w/tlk, mx, ads and frequency schedule (Zilmer).
- 9500 ALBANIA R. Peking Relay; 0037 SS w/ID (Dean).
- 9505 PORTUGAL R. Free Europe; 0520-0530 Bulgarian(?) w/Western mx, tlk (Earhart).
- 9505 DOMINICAN REPUBLIC R. TV Dominicana; 0128 w/fast international SS nx (Padula).
- 9505 JAPAN NHK; 0400-0415 EE w/nx & cmtry. Japanese at 0415 (Thompson).
- 9505 ENGLAND BBC; 0130-0200 EE w/World Service (Thompson).
- 9510 VENEZUELA R. Barquisimeto; 2206 SS. Many ID'S, fast tlk, mentions of Caracas (Ware)
- 9513 MALAYSIA R. Malaysia; 0200 Malay. Mid Day reception. Unusual (Cosier & Willis-Australia). w/nx in Malay from 1030-1045 & 1130-1145//5965, 9663, 7295, 4985, 6025, 4845 and 4853 (BBCMS).
- 9515 TURKEY VOP; *2200+ EE w/nx, review of Turkish Press, etc (McLaughlin, Ware, Carter, Nicholson, Conover).
- 9520 SWEDEN R. Sweden; 1600 EE//9665 W/QRM (Behr).
- 9520 NEW ZEALAND RNZ; 1001-1031 EE w/classical mx pgm (Horwath).
- 9520 USSR R. Peace & Progress; 1430 EE w/report on liberation of Huambo//9665 (Larson)
- 9520 PAPUA NEW GUINEA National R.; 0648 EE w/fair signal (Clare).
- 9525 INDIA AIR; 1930+ EE ID, nx, mx (Carter). 2100 EE w/nx, ID by a lady (Miller).
- 9525 USA WYFR; 0115 EE w/religious pgm beamed to Mexico (Brown).
- 9530 ROMANIA R. Bucharest; 1500+ EE w/nx by man & woman to Asia (Tuchscherer).
- 9535 ANGOLA R. Nacional de Angola; 0525-0528 w/excited political speech in Vernaculars w/drums & native instruments, blocked by SBC *0545. Interesting signals via long path 2/18 (Padula-Australia).
- 9535nf FRANCE RFI; FF pops and announcements at 0415-0420 (Padula-Australia).
- 9540 AUSTRALIA R. Australia-Carrarvon; 1832-1900 w/test transmission w/ID's & mx
- 9540 MONGOLIA R. Mongolia; 2200-2230 w/EE (India DX-ers via SCDX). (Hywarren)
- 9540 POLAND Polish R.; 2030 EE W/nx, cmtry, mx (Folk) (Pineault).
- 9540 ARMENIA R. Yerevan; 0321 EE W/ID, nx, freqs 0329* (Rojewski).
- 9545 UZBEK SSR Radio Tashkent; *1200-1215 EE W/native mx, ID (Richardson). 1210 EE W/tlk about ruber industries-five year plan, ID, etc. (Beaudom).
- 9545 SOLOMON ISLANDS SIBS; 0200 EE pgm. Odd day opening (Cosier & Willis-Australia). Heard some days on extended sked, past normal s/off of 0300 to 0515* after R. Australia EE nx relay (0500) (Padula-Australia).
- 9560 SOUTH AFRICA SABC; 0659 heard after HCJB sign-off. Afrikaans svc., TC, ID, then orchestral concert. A rare outlet for this location (Padula-Australia).
- 9560 JORDAN R. Jordan; *1600-1730* EE w/nx, classical mx, pop mx, weather checks, and said they would be back at 2200 (Wootten-Italy, Lisanti, McConnell).
- 9560 ECUADOR HCJB; 0040 FF w/easy listening mx (Conover) 0230+ EE w/DX Party Line
- 9560 ENGLAND BBC; 0130-0200 EE w/Jazz mx 'Harry Roys Band' (Thompson). (Thompson)
- 9560 AUSTRALIA R. Australia-Carrarvon; 1030-1430*(250 KW) CC w/ tlk, mx (Zilmer, Behr, SCDX). 1800 EE w/Test Transmission (Rojewski).
- 9562 PERU R. Nac. de Peru; 0445 SS w/tlk & Peruvian style mx (Zilmer).
- 9565 CUBA RHC; 0255-0345+ SS tlk, Latin mx, ID's, HCJB QRM (McLaughlin, Brown, Manley).
- 9566 CHILE La Voz de Chile; 0147 SS ID (Dean).
- 9570 AUSTRALIA R. Australia; 0706 EE w/nx & world of mx pgm (Dunn).
- 9570 NETHERLANDS-ANTILLES TWR; 1025-1035 GG religious pgm, ID, SS pgm at 1030 (Ware).
- 9570 NIGERIA RIVK (Kaduna); 2200 Hausa w/Afro mx, singing, tlk//6090 (Zilmer).
- 9570 SWITZERLAND SBC; 0000 FF, 0030 II, 0100 SS//9750 (Behr).
- 9575 ITALY RAI; *1831 II w/opening to South America (Brown). *2230 II w/IS, ID (Nicholson) 0100+ EE w/ID, nx, talk on Nazi war criminals (Crater). 0140 II w/s-on (Dean).
- 9580 ASCENSION IS. BBC; 1830* EE w/nx (Hoffman). 0000 EE w/world nx pgm (Nicholson).
- 9580 AUSTRALIA R. Australia; 1140-1205 EE "Focus on Australia", cmtry, mx (Richardson)
- 9580nf GERMANY (West) DW; 0358 IS. Poor signal (McLaughlin).
- 9580 UKRAINE SSR R. Kiev; 0300 EE w/IS, ID, nx (Rojewski).
- 9580 PHILIPPINES VOP; 1603 EE w/ID, gave frequency, cmtry, mx, etc (Manley).
- 9580 ZAMBIA R. Zambia; 2100 w/nx in EE read by a man. 2110* (Lisanti).
- 9585 NEW ZEALAND RNZ; *0539-0843+ Bird IS, ID, nx, sports mx (Dunn, Behr, Hywarren,
- 9585a SOMALIA R. Mogadishu; AA ID at 1815, singing, Pleasant Listening (Lisanti). (Lacas)
- 9585 SOUTH AFRICA RSA; *2230 EE nx, cmtry, DX pgm, etc. (Conover, Pearson, Haas, Greene,
- 9590 NORWAY R. Norway; 1400 EE w/"Norway this Week" (Zilmer). Manley)
- 9590 NETHERLAND ANILLES RN; 0258 SS w/ID (Dean). *0330 SS IS, ID to Mexico (Conover).

- 9585 SYRIA Syrian Arab Rep. Bc. Service; 0450 fade-in w/AA songs & announcements. Clear channel now that Sanaa moved (Padula-Australia) -out of place-
- 9590 CHILE R. Presidente Balmaceda; 0105 fade-in, LA rhythms, SS tlk (Padula-Australia)
- 9593 BRAZIL R. Cultural de Bahia; 2330+ PP tlk, mx, ID (Trautschold).
- 9600a UNIT; 1342-1445 EE w/TC as 17 minutes to 10 (at 1342) ABC? Pirate? (Nicholson).
- 9600 ASCENSION IS BBC; 0535 PF nx. 0600 EE nx (Hoffmann).
- 9600mf TAIWAN BCG; 1130 CC//11860, 9510 & NF 11915 (Willis-Australia).
- 9600mf USSR (Asiatic) R. Moscow; 0600 HR 1st pgm//9500, 9770, 9810 (all strong) (Behr).
- 9600 AUSTRALIA R. Australia; 1330 Thai pgm to 1430* (Behr).
- 9605 CZECHOSLOVAKIA R. Prague; 1700 w/nx, singing in native lang.//11990,17840(Lisanti)
- 9605 SEYCHELLES FEBA; 0200-0230 Hindi & Urdu. Outstanding & unusual for us! (Willis).
- 9605 SWEDEN R. Sweden; 2305 EE w/nx, Id, 'Panorama' (Rojewski).
- 9605 VATICAN CITY Vatican R.; 0100-0115 EE to North America//6165, 5995 (BBCMS).
- 9608 UNIT; 1500 w/weak signal in unidentified language 2/28 (Behr).
- 9610 AUSTRALIA ABC-Perth; 1035-1100 EE sports, nx & mx (Horwath). 1450 EE cmtry & mx, nx, ID (Manley). 1513 EE nx of Western Australia (Conover).
- 9611.4 ETHIOPIA R. Ethiopia; 1510+ EE w/East African guitar mx and ID as "This is Radio Ethiopia" (Shaw). 0450-0545 fade-out w/East African rhythms, announcements in Amharic. Easily separated from ABC-Perth. Peaked around 0515. Not often heard this time of year (Padula-Australia). -This must be Behr's unidentified-
- 9615 COSTA RICA R. Omega; is testing 1 Megawatt transmitter on 625 AM (0300+ in SS,FP and EE w/pops) and announces this frequency as a //. Nothing has been heard on this freq. despite 625 tests on for a couple of weeks (Whitacre). FBI Bill!!!
- 9515 VATICAN CITY Vatican R.; *2230 CC ID (Dean).
- 9615 MOROCCO RTV Morocco; 2200-2335 fade-out AA ID, chanting, nx, tlk (Ravenhorst, Dean)
- 9615 USA KGEI; 0600 SS ID & nx to S. America (Brown).
- 9620 YUGOSLOVIA R. Belgrade; *2200 EE w/nx & cmtry on "The Seed of Pearse" CBC QRM. (Nicholson, Pearson).
- 9620 MOZAMBIQUE R. Mozambique; *0357 PP ID, drums, NA//11820 Via Long Path(Padula-Aus)
- 9622 VIETNAM Hanoi; still heard 0200-1600 in VV (Willis-Australia).
- 9625 CANADA CBC; 0005 EE nx (Northern Svc) (Hoffmann). 1407 EE nx (Greene). Jones
- 9633 COLOMBIA Rdf Nac de Colombia; 1155-SS tlk, ID (ex 9635) Internat. Svc (Zilmer).
- 9633 UNIT; 0130+ SS w/man & woman in Soap opera until VOA QRM (SHAW) -see above Ed-
- 9635 PORTUGAL R. Liberdade; via Sines, PP 2000 ID & mx. 2030 tlk. (Behr).
- 9635 MALTA Echo-Radio; in FP w/DX pgm every 2nd Sunday at 0730 (SGDX).
- 9635 SINGAPORE R. Singapore; 0200 w/EE lessons in the CC service (Cosier & Willis-Aus)
- 9635 SWEDEN R. Sweden; 2030-2100 EE w/nx for pgm to Africa (Zilmer).
- 9640 CYPRUS BBC; 1430 AA pgm & mx//9825 (Behr).
- 9640 KOREA (South) R. Korea; 0635-0645 EE w/nx (Carter). 1830 KK, 1901 EE, 1931 FF
- 9640 GERMANY (West) DW; 2150* GG s-off, IS (Ware). (Behr)
- 9640 USA OAS; *2345-0000* EE w/ID's in EE, SS, PP, FF (from Greenville)(Ware, Newman).
- 9645 COSTA RICA Faro del Caribe; 0300-0405 EE & other langs "Hour of Decision"(Newman).
- 9645 NORWAY R. Norway; 0130-0135 Norwegian pgm to Central & S. America (Padula-Aus)
- 9648v CHILE R. Nacional; 0255 SS closing announcements and address (Shaw). 1150 with political pgm. No ID heard the certain it is Chile due to pgm content (Willis).
- 9655 CANADA ROI; 0500* EE ID, question & answer pgm//6135 (Hoffman).
- 9655 THAILAND R. Thailand; 0105-0110 EE nx roundup//11915 (Padula-Australia).
- 9660 VENEZUELA R. Rumbos; 0430-0504* SS mx, ID's, s/off w/NA (Brown). 1005-1010 SS w/ID's, crying baby, nx, etc (Ware).
- 9660 AUSTRALIA ABC-Brisbane; 0845 EE w/light mx (Clare).
- 9665 GERMANY (East) RFI; 2158 EE & GG ID, freq. asked in various langs into FF(Zilmer).
- 9665 MALAYSIA R. Malaysia; 0200 EE. Unusual midday opening (Willis & Cosier-Australia)
- 9670 PORTUGAL IBRA; *2030-2046 EE w/Biblical readings & tlks (Schipettiti).
- 9675 LEBANON R. Lebanon; 0225 AA, 0230 EE, 0300 SS w/rock mx, ID (McLaughlin, M. Smith)
- 9675 BRAZIL R. Diario de Manha; 0800 PP w/latin mx (Clare).
- 9685 BRAZIL R. Gazeta; 2341 w/rapid fire coverage of "futbol" match by very animated male announcer (Robinson).
- 9685 ALGERIA Rdf TV Algerienne; 1630+ w/chanting//9705 (Lisanti).
- 9690 ARGENTINA RAE; 1011 SS tango mx (Conover). 0300 EE ID, nx (Manley). 0310+ EE w/ID & nx (Rojewski, Dean). 0459* SS mx by Nat King Cole (Hoffmann).
- 9690 USA WYFR; 0410 SS w/mx//9715 (Hoffman). *1851 IS, EE ID, Religious pgm(Conover).
- 9695 SOUTH AFRICA RSA; 0200-0230 EE w/mx (Thompson).
- 9695 SWEDEN R. Sweden; 0120 Swedish, 0130 SS. Very strong. (Padula-Australia).
- 9695 BRAZIL R. Rio Mar; PP 0030 w/ID's, Bossa Nono mx, tlk (Zilmer).
- 9700 BULGARIA R. Sofia; 1940-1950 EE w/mx & mailbag pgm (Einhart). 2142-2200 EE w/ID, DX pgm to s/off (Richardson). *0000 EE nx & cmtry (Becka, Haas).
- 9705 MEXICO XERMX; SS 2237 w/EE & SS ID & SS mx (Greene) 0330 SS ID, mx (Brown).
- 9710 LITHUANIA R. Vilnis HS; Lithuanian 0740-0830 w/ID & relay of pgm 2. Strong level suggests high power. (Padula-Australia) 0700-1730+ domestic pgm (BBCMS).
- 9710 ITALY RAI; *0145 Italian. IS (Bird Chirps & Bells), ID (Conover).
- 9710 SOUTH AFRICA SABC; 0540 EE w/tlks & ads (Rome QRM) (Padula-Australia).
- 9715 FRANCE RPT; 1720+ EE w/comments on Concord. FF/EE ID, nx 'Paris Calling Africa'
- 9715 HOLLAND R. Nederland; EE 0910 (Lopok) (Conover). (Richardson)
- 9715 NETHERLAND ANTILLES R. Nederland; *0500-0620* EE IS, ID//6165 (Hoffmann).
- 9720 SRI LANKA SLBS; 1230-1730 EE (ex11725)//15425, 7190 (BBCMS) 1550 EE mx & ID (Dunn)

- 9730 UGANDA R. Uganda; 2000-2100* EE mx, nx, ID (Lisanti, Tuchscherer, Becka, Conover).
 9730 BULGARIA R. Sofia; 1600 Turkish pgm//1900 (Behr).
 9730 SAUDI ARABIA RSKSA; 2052 AA mx & tlk. Excellent signal, over Uganda (Robinson).
 9735 GERMANY (West) DW; 0427 GG nx & 2235 w/GG mx (Hoffmann) 0200+ GG tlk & mx (Thompson)
 9740 MALAYSIA BBC RELAY; 1225 EE w/pop mx (Beaudoin). 1600+ EE w/nx YL announcer,
 soccer scores (Ravenhorst). 1815 EE newsreel ID 1830* (Rojewski).
 9740 FRANCE RFI; 1730 EE w/Paris Calling Africa (Zilmer).
 9740 ARGENTINA R. Splendid; SS w/exciting futbol game. ID from studio (Miller).
 9745 ECUADOR HCJB; EE w/religious pgm 'Worlds of Hope' 1015 (Ware).
 9750 ALBANIA R. Tirana; 0015-0030* EE w/native mx, nx, Id, s/off (Richardson).
 9750 CHILE R. Minería; 0030-0100 SS ancncts for 'Los trabajadores' (Robinson). 0934 SS
 ID & GG ID, asking for reports in SS, then EE ID, then SS pgm (Dunn).
 9750nf SWEDEN R. Sweden; 1400 EE w/nx. BBC QRM (Zilmer). (Robinson)
 9750 VENEZUELA R. Occidente; w/full ID 0130, "melodias en la noche", mx, SS tlk
 9755 BELGIUM RTB; CONTINUES broadcasts to NA in EE 0015-0045 w/DX pgm 4th Sat (SCDX).
 9757 IRAQ R. Baghdad; 1915 w/mx, ID & VOA QRM (Lisanti). 2107 GG(?) & AA mx (Laves).
 9760nf GREECE VOG; 0015-0030 EE nx, native mx, 0030 FF (Zilmer).
 9760 AUSTRALIA R. Australia; 0753 EE w/US rock mx & pop mx (Dunn).
 9765 YEMEN R. Sanaa; switched to this crowded freq. w/AA mx & 2201* (Robinson).
 9765 GERMANY (West) DW; 2000 FF w/pop mx to Africa (Pineault).
 9770 HAWAII 4VEH; 1403 EE w/weather report for local Is. 1405*//11835 (Greene).
 9770 AUSTRALIA R. Australia; 1030+ EE w/pop mx (top 20) (Barhart) 1400 EE mx, nx,
 DX pgm. General Asian service (Brown).
 9780 YEMEN R. Sanaa; 2000-2130+ AA mx, mx (Padula, Moritz, Lisanti, Becka)
 9780 USSR R. Kiev; 0323 EE w/DX Pgm (Clare).
 9790 FRANCE RFI; 2000 FF nx & mx (Haas).
 9805 EGYPT R. Cairo; 1915 EE w/Egyptian mx (Pineault). 2120-2130 w/tlk, mx (Trautschold).
 *2214 EE news and press review (Haas).
 9810 USSR R.S. Peace & Progress; 1530 EE, 1600 R. Moscow EE to S.E. Asia (Behr).
 9815 ISRAEL IBA; *2000-2055* EE w/nx, cntry, "Jerusalem" etc.//5900, 7812, 9009.
 (Becka, Richardson, Haas, Conover, Nicholson, Trautschold, Rojewski, Hoffmann &
 9840 VIETNAM Tay Nguyen; TV pgm at 0200/7512 (Willis & Coiser-Australia). SCIX)
 9912 INDIA AIR; 2220 EE to Australasia, cntry on economics. 2229* (Brown).
 9915 ENGLAND BBC; 2210 EE transmission to Falkland Islands (Conover).
 9940 CHINA R. Peking; *0100+ EE to N. America w/nx, etc. (Carter, Dean).
 9950 INDIA AIR; 1530 EE nx & talks to 1600 fade-out (Behr).
 9977 KOREA (North) R. Pyongyang; 1830 EE ID, tlk about communes bumper crop (Rojewski).
 10110 ROMANIA R. Espana Independiente (Clandestine); 2234-2246 SS tlk by man & women
 and possible news. Jammer not so bad this day (Moritz 2/16).
 10060 VIETNAM Hanoi; 1st pgm heard 1100-1500//7373, 6446 (Willis-Aus) -out of order-
 10226 VIETNAM Hanoi; 1100-1500 (ex 10010) w/language lessons//4713, 7417, 7470 (Willis).
 11515 CHINA R. Peking; 0040 CG YL w/cntry. Nice signal (Shaw).
 11532+ ESPIANUMEROS; 1600-1708. A 4-digit SS numbers transmission, as noted before,
 //12405, probably operates on a regular sked. Suspicious open carrier noted Sun
 2/15 at 1540. Sure enough, precisely at 1600 began counting in SS 1 2 3 4 5 6 7 8
 9 0 and giving key number "279" many times; heavy carrier, but some S-meter
 deflection w/ modulation indicating some reduction of it toward SSB. Same until
 1610 when tones alternated with "grupo 239" (the number of the cipher groups to
 follow) several times, and into message beginning w/"0760", "2033".....; ending
 at 1625, pause until 1627 when repeated "grupo 239" and gave same message; same
 restart noted at 1647, the timing doesn't fit; and off at 1708. (Hauser) EXCELLENT
 11535 KOREA (North) R. Pyongyang; *2300+ EE w/ID, nx, etc. (Schpellitti, Newman, Dunn).
 11620 INDIA AIR; 2105 EE w/cntry & local mx (Zilmer).
 11645 ISRAEL IBA; 2000+ EE w/ tlk by Man & Woman about conflict w/Arab world (Lisanti).
 11645 UNITD; 1443, solo by man in chant. Severe noise. R. Hargeisa??? (Field).
 11670 PAKISTAN R. Pakistan; Burmese tlk, national mx 0045-0200. (Padula-Australia).
 1425+ EE w/nx, freqs, QSL information, 1432 Lang. (Zilmer, Lisanti).
 11675 CHINA R. Peking; 0000-0050 EE nx, cntry, criticism of USSR//11945 (Cress).
 11700 DOMINICAN REPUBLIC R. Clarin; SS 1414 LA pop mx (Jones). 1900 SS w/ endless
 lottery numbers read off (Mohrmann).
 And one last minute report....

7125 NEW HEBRIDES R. Canabu; a new station in the self-proclaimed breakaway part of
 the island in EE & Pldgin at 0957. Closes after GSTQ & native mx. Announced
 //3975. Broadcasts: 11am-1pm & 7pm-9pm (Local time). Fair w/CW QRM (ACDX via TDXN)

BELGIUM

I have just received a letter from Mr. W. Sanders at the Belgium
 Radio & TV. BRT has decided to continue broadcasting to North &
 South America. There will be a daily pgm in EE from 0015 to 0045 on

9755. DX Corner with Ursula will be featured on the 4th Sat. of the month. A round of
 applause to those who wrote and protested the closure with letters & petitions!!!!

THE

The next meeting of the Minnesota DX Club will be on Friday, April 23 at
 the University of Minn. A tour of KUOM, general discussions, and a talk
 by three professors who have visited international short-wave stations
 (R. Moscow, BBC, DW, etc.) around the world. The MDXC is now 3 years old
 & has 45 active members all living in Minnesota. More info can be
 obtained (with a SASE) from: Tom Cavaras, 16920 17th Ave. N., Wayzata, Minn 55391

Thank you to all of you who reported!! FANTASTIC MONTH!!! Till next month, 73, *Tom*

Log

SECTION D

Tom Overcamp

Seneca, SC



Report

11701+

- 11705 JAPAN NHK; 0040 EE, nx roundup, Good (Nicholson 2/19)
11705 FRANCE RFI; 1700 EE, "Paris Calling Africa," Poor (Zilmer 2/7)
11705 VATICAN RV; 2230 EE, religious nx (Zilmer 2/25)
11710 ARGENTINA RAE; *2300 EE, nx, cmntry, mx (Schipelliti 2/13); also reported on 11705 on 3/1 by another; my check on 3/18 shows it on 11710 - ed.
11715 SEYCHELLES FEBA; 1730 AA, ID, mx interlude, tlk, Poor (Shaw 2/2)
11730 MALAGASY REPUBLIC RN-Talata; 2108-2120* EE, ID, nx, "Happy Station (Rojewski 3/4, Horwath 2/29); reported as Lopik at 2045 w/ EE pgm, WRTH lists Talata 2000-2120, Lopik 2130-2250 on 11730- ed
11735 MOROCCO RTM-Tanger; 1645-1700* AA, AA mx, W tlk, abruptly off, Fair (Miller 3/6)
11735 USA V of OAS; 2330-0000 EE, tlk on Smithsonian Inst, (Thompson)
11740 AUSTRALIA RA; 0800 EE, to Eur, UK and Pacific, cmntry (Dunn)
11740 INDIA AIR-GOS; 2100-2200 EE, nx, cmntry, // 11620, Fair (Mayer 2/29, Zilmer 2/29)
11750 JAPAN FEN; 2130 EE, ID, pop mx, Poor (Rojewski 3/4) - list 10 kw
11750 MALAYSIA BBC-Febru; 0903-0929 EE, World Svc (Clare 2/24) /er)
11755T USSR; 1415-1431, M tlk in lang, W in RR, presumed USSR (Tuchscher-
BRAZIL R Tupi; 2230-2245 PP, futebol w/ excited anncer (Mayer)
11770 YEMEN (PDR) Aden; 1104 AA, Koran, QRM from BBC (Padula-AUST 2/16)
11780 SAUDI ARABIA Riyadh; 1600, ID, QRM from Sweden (Lisanti)
11780 MOZAMBIQUE RM; 1540 EE, W w/ jazz mx, M ID "This is the (External?) Svc of R Moz," Fair (Shaw 2/22)
11780 NEW ZEALAND RNZ; 0630-0641 EE, nx, cmntry, Poor (Horwath 2/19)
11780 BRAZIL RNB; 2100-2200 EE, nx, tlk, mx (Becka, Conover, Nicholson Schelke, Raper)
11785 IRAQ RB; 1810 AA, chants, singing, W anncer, Fair (Miller 2/29)
11785 BRAZIL R Guiba; 0008 PP, ID, TC, EL mx, Fair (McLaughlin)
11785 SEYCHELLES FEBA; 0215 EE, ID, Strong signal (Willis-Aust)
11790 INDONESIA VOI-Jakarta; *2330-0000* EE nx, tlk on MPLA (Dunn 2/15 Schipelliti 3/4); 0900-0930 EE, nx, pop mx, annmnts (Clare 2/9)
11795 RWANDA DW-Kigali; *2200 GG, nx to NA, Good (Earhart 3/6); 0015-0150* GG, wld nx, FF ID, // 9735 except 30 sec delay (Hoffman)
11800 CANARY ISLANDS RNE-Tenerife; 0425 SS, NE & Af mx, Poor (McLaughlin 2/16); *2145 SS, opens w/ mx, reported as Spain (Brown 2/8)
BECMS 2/5 lists 2145-0500 as Centro Emisor del Atlantico-Tenerife
11800N F CHILE RNC; 0105 SS, nx mx (Conover 2/8) - move frm 11810? - ed.
11800 SRI LANKA SLBC; 1900-2000 EE, Wednes Pgm w/ "Nx Mag," and "Hits of the Wld," anned //7190//9720 (Wooten-Sardinia 2/11); 1700 lang ID, mx tlk in Hindi, Good (Conover 2/14)
11805 USA WYFR; 1840-45* EE, relig pgm, Exc (Raper 2/22)
11805 BRAZIL R Globo; 0055-0300 PP, ID, TC, LA mx, sports event (Conover 3/2, Shaw 2/22, Moritz)
11810 ALGERIA RTVA; 1813 AA, chants, tlk by M, Good (Miller 3/6)/(Ware)
11810 W GERMANY DW; *2130 PP, IS, GG ID at s/on anncing pgm for Brazil
11810 AUSTRALIA RA; 1400-1410+, nx, mx (Lisanti)
11810 INDIA AIR(GOS); 1445 EE, lcl mx, contests questions (Zilmer 2/28)
11815 CUBA RHC; 2000-2030 EE, usual pgm (Thompson 2/22, Becka 2/29)
11820 MOZAMBIQUE RM-L. Marques; *0355-0600, ID, TC at 0400, ID as "R Mozambique," //9620, via long path (Padula 2/18)
11825 TAHITI PR3; 0306-0430 Tahitian, Island mx, US FF pop mx (Earhart Mohrmann 2/14); 0837 FF, mx, Fantastic signal (Clare 2/7) - noted with good signals at my QTH on many evenings lately - ed.

- 11830 ETHIOPIA ELTF; 1945-2030* EE, rel pgm, "You and Your Health," (Schipelliti, Moritz, Becka, Mohrmann, Hersh, Crater, Conover, Lisan ti); 1843-1943 Hausa, EE & FF IDs (Miller, Mohrmann)
- 11833A ALGERIA RTVA; *0600-0712 AA, nx, //9685 (Coster, Willis -AUST)
- 11835 SUDAN R Omdurman; 2120 AA, AA mx, tlk by M, Strong carrier (Robinson 2/25); (T)2000 AA tlk (Mohrmann 2/25); 0610-0620 AA, N Af mx, QRM Algier, also via short path in Aust AM 2030-2100 w/ strong signal (Padula - AUST 2/7)
- 11835 HAITI 4VEH; 1730-1800 EE, rel pgm, "Unshackled," rel mx (Brown, Nicholson); 2210-2215 SS ID (Padula-AUST 2/8)
- 11835 URUGUAY R El Espectador; 2330-0000 SS, EE nx hrd 2350-2353 (Hywarren); 0028-0200 SS, tlks, mx, futbol (Mayer, Clare, Moritz, Robinson)
- 11845 NEW ZEALAND RNZ; 0309-0405 EE, Pac Arts Festival special pgm, regular pgm at 0320, Good (Overcamp 3/7)
- 11850T S. KOREA KBS; 0500-0530 EE presumed, tlks, mx, V Poor (Overcamp)
- 11850 UNID; 0412 EE, cricket match, poor (Cosier-AUST)
- 11850 W GERMANY DW; *1715-1745* EE, to Af, nx, tlks, Good (Schipelliti)
- 11853 SAUDI ARABIA BSKSA; 0615 AA, mx (Willis-AUST); 11855A(T) 1910-1935 pos AA, Af mx, Poor (Newman 2/15)
- 11855 BELGIUM RTB; 0600-0616* FF, one of few Europeans via long path (Padula-AUST 2/17)
- 11860 TAIWAN BCC; 1130 CC, V Strong, (Willis-AUST)
- 11865 ALBANIA RT; 1105-1125 EE, strange receipt with RT one minute & R. Clube Pernambuco another (Earhart 3/6)
- 11865 BRAZIL R Clube Pernambuco; 0033-0137 PP, ID, ads, Motown mx, excited M anncer (McLaughlin 2/16, Moritz) /er, Dunn)
- 11870 AUSTRALIA RA; 2138-2150, 2230-2245 EE, tlk, mx, nx (Moritz, May-
- 11875A PHILIPPINES R Veritas; 0030-0130 EE & Thai, prob 100 kw w/ 50 kw tx on //15310 (Padula-AUST 2/16); 11872 reported by Cosier-AUST for 0130* EE ID.
- 11875 PORTUGAL RP; 1800-1815 EE, nx, mx (Becka 2/24, Beaudoin 2/16)
- 11880 ARGENTINA R Splendid; 0057-0105 SS, chimes & ID at 0100 (McLaughlin 2/16)
- 11885 AUSTRALIA RA; 0740 EE, mx pgm (Dunn 2/29)
- 11890 OMAN OBC; 1040-1059 EE, W anncer w/ nx about Arab world, into AA at 1100, also noted in AA at 0420 (Padula-AUST) - BBCMS 2/5 notes EE pgm 0900-1100, AA 0345-0705 on 11890, 1350-2010 on 6175 - ed.
- 11900 BULGARIA RS; 1655-1700+ AA, AA vocals, RSA QRM (Shaw 2/7)
- 11900 SOUTH AFRICA RSA; 2100-2150* EE, ID, nx (Conover 2/14, Hoffman 2/22); 2223-2320 EE, nx, DX Corner on Sat (Thompson 2/28)
- 11900 MALAYSIA V of Malaysia-Kuala Lumpur; *0457 0510* ID into CC at 0430, EE at 0500, unlisted in WRTH altho it has been here for some time (Padula-AUST 2/9)
- 11905RF THAILAND RT; 0030-0130 EE, back after using 11915A for a few weeks, also at 1045 (Padula-AUST 2/16)
- 11910 ALGERIA V of Free Sahara-presumed; 2105-2130 AA by Pop Front For the Lib of the Sahara and Rio de Oro; 2130-2200* SS presumed to be Movement for the Self-Determination and Independence of Canaries Archipelago with the "Voice of Free Canary Islands" as noted by BBCMS (Padula-AUST 2/8)
- 11910 ETHIOPIA ELTF; 1945-2030 EE, nx, rel pgm (McConnell)--//118307-ed
- 11910 ALGERIA RTVA; *0600 FF, //7245, Good (Willis-AUST)
- 11915 TAIWAN BCC; *1130 CC sign on, Strong (Willis-AUST)
- 11915 LIBERIA VOA-Monrovia; 1830-1930, 1830 in Bulgarian, 1900-1930 in Serbo-Croat, tlk by M&W, Fair (Schipelliti 2/28)
- 11920 IVORY COAST RTVI-Abidjan; 1845-2000 EE, Af mx, nx, ID; 1745, 2200-0000, FF and vern, mx tlks (Brown, McConnell, McLaughlin, Thompson)
- 11920 SPAIN RNE; 1050-1105 SS & FF, unusual FF lesson, ID at 1100 into SS, Good (Earhart 3/6) - BBCMS 2/5 lists a pgm "Message frm Spain" with info and entertainment for Span migrant workers. Lang lesson in FF & GG 1030-1100, I assume to teach FF to workers (?) - ed.
- 11925 NETH ANTILLES TWR; *0028 EE, IS to 0030, rel pgm (Nicholson 2/16)
- 11925 BRAZIL R Bandeirantes; 1100 PP, ads, via short path over S Pole usual mid-Feb return of Brazilians in 25 m, 49 m in late Feb /t) (Padula-AUST 2/16); 0015-0028+ PP, tlks, QRM frm TWR s/on (Earhart)
- 11930 ECUADOR HCJB; 1030-1100 NN, test for Eur via Pac (Padula-A 2/16)
- 11930 HOLLAND RN-Lopik; 0830-0835 DD, Eur svc hrd via long path when VOA-Philippines off this night (Padula-AUST 2/10)
- 11930 FRANCE RFI; 1700 EE, Paris Calling Africa, Fair (Zilmer 2/29, Brown 2/15, Raper 3/5)
- 11935T BRAZIL R C Paranense; 1035-1100 PP, ads (Padula 2/16)
- 11935 AUSTRALIA RA-Carnarvon; 0800-1030 EE, 250 kw that was on 9540, 100 kw shld be on 9540 unhrd, Darwin off (Padula 2/16)
- 11940 ROMANIA RB; 1300-1326 EE, nx, mx to Eur, //9690 (Zilmer, Earhart)

- 11940 KUWAIT RK: 1700-1730+ EE, pop mx, nx at 1730 (Becka 2/29); 1935 EE, pop mx request pgm (Miller 2/15) - this wld be extension of WRTH sked of 1700-1800 for 11940, 1700-2000 listed for 9555 - ed.; *0800 AA, HS via lng pth to about 0900, shrt pth appears 1300, (Padula-AUST 2/10)
- 11945 PORTUGAL RP: 0440 EE, cmntry on Portugal, Spain & Timor (Dunn)
- 11945 MOROCCO VOA-Tangiers; 2140-2200* EE, tlk on Af, G, (Thompson)
- 11945 CHINA RP: *0000-0036 EE, nx, cmntry, CC mx (Greene, Pearson)
- 11945 LIBERIA ELWA: 1915-2015 EE, rel pgms, IDs (6 reporters)/-AUST)
- 11950 SAUDI ARABIA BSKSA-Riyadh; 1102 AA, ID, mx, early fade in (Padula)
- 11965 BRAZIL PRB24; 2300 PP, R Record w/ network sports, jingles (Zilmer 2/12); 0048 R. Panamericana, PP, live frm carnival (Miller 2/12) - WRTH-76 list Panam in Brazil section, Record in freq list?
- 11970 AUSTRIA ORF: 1245-1255 EE, sport review, Fair (Earhart 3/2)
- 11970 ROMANIA RB: 1430 lang, IS, ID, tlk, Poor (Zilmer 2/8)
- 11970 SWEDEN RS: 1400-1430 EE, nx to S Asia, Fair (Zilmer 2/25) / 3/6)
- 12012H COSTA RICA R Heloj: 0345 SS, harmonic of 6006, Fair (Overcamp)
- 12025 ISRAEL IBA: 2230-2300 EE, pgm to NA, //7412,9820,11645 not hrd (Zilmer)
- 12055 USSR RM: 1500 EE, nx, cmntry, Poor (Zilmer 2/29)
- 12060T USSR RM: 1300-1310, IS, M in lang, AA or possibly Dari pgm listed in WRTH (Earhart 3/5) - Dari is Afghan dialect - ed.
- 12077A ISRAEL IBA: 1500 Hebrew HS, tlk, mx, Fair (Zilmer 2/28); 0840-0915 ?/out, Hebrew HS, via lng pth (Padula-AUST 2/19) / 2/15)
- 12250H HONDURAS R Suyapa; 1435 SS, ads, TC, harmonic of 6125 (Hauser)
- 12405 ESPIANUMEROS: 1600 SS, numbers station (Hauser) - Glenn has coined this word frm "espia" (spy), español, and numeros - nice!
- 13335 CLANDESTINE R Euzkadi; 2035 SS, tlk on Tunisia & Spain, ID, jammer missed by 25 kHz (Mayer 2/16)
- 15000 ARGENTINA LOL: time signals w/ SS anncements as in WRTH (Mohrmann 2/27) - time? - ed.
- 15012T VIET NAM R Hanoi; 1215, barely audible, hrd 2/23 only (Mohrmann) - BBCMS lists JJ at this time & freq
- 15080 INDIA AIR (GOS); 1745-1800+ EE, mx, nx, cmntry, to UK (Zilmer 2/26); 1908 EE, cmntry, Poor (Dunn 2/22)
- 15085 IRAN NIRT: 1230-1350 Farsi, tlk, class mx, chants (Ware 2/22, Mohrmann 2/23 - probably not AA, but Farsi/Persian) - ed)
- 15100 ISRAEL IBA: 1215 EE, nx, cmntry, ads for Singer sew machines, Vita soup, Hasnez life Insurance, into FF at 1230 (Mohrmann 2/23)
- 15105 ASCENSION ISLAND BBC: 1345 Swahili (Conover); *1645 EE, IS, ID into sports pgm in progress (Ware); *1815 FF, ID, nx (Hoffman)
- 15105 GRENADA RG: 2037-2202* EE, request pgm, nx, sports, etc (Conover Laves, Moritz, McLaughlin, Mayer, Ware, Robinson, Whitacre
- 15105 FINLAND RP: *0955-1000 Finnish, IS, ID, ex 15185, QRM USSR & R Pakistan on 15110 (Padula 2/16)
- 15110 FINLAND RP: *1400 EE pgm, Fair (Jones 3/1)
- 15110 NEW ZEALAND RNZ: 0300 EE, nx, EL mx (Gesell 1/1) -old rp see 15130
- 15115 ECUADOR HCJB: 1405-1458 EE, nx, rel mx (Nicholson, Hoffman), 2108-2120 SS, mx (Hoffman 2/28)
- 15120 VATICAN RV: * 1630 lang, IS (Ware 2/21)
- 15120 NIGERIA NBC-Ikorodu: 1900-2000+ EE, ID, nx, tlk about coup attempt (Dunn 3/7, Miller 2/14, Robinson 2/23)
- 15125 PORTUGAL RP: 1551-1602 PP, ID, mx, Good (McLaughlin, Jr 2/13)
- 15130 NEW ZEALAND RNZ: 0300-0511 EE (Brown, Nicholson) - Arthur Cushman via SCDX #1368 says 15380 after 3/7.
- 15130 YEMEN ARAB REP R San'a; 0630-0700* AA, closed w/ ID and NA (Padula)
- 15140 SWITZERLAND SBC: *1315-1340 EE, "Merry Go Round" (Conover, Earhart, Pearson)
- 15140 USSR RM & R Kiev; 0044 EE, ID for R Kiev, into RM NA svc at 0100 (Dean 2/27)
- 15150 CHILE R Nac; 2030-2050 EE, IDs, Nx, request rp, into SS at 2050 (Brown); 2300 EE, ID, nx (Crater); 0131 SS, ID (Dean); 1405, ID, sked, mx (Jones)
- 15155 SOUTH AFRICA RSA; *1657 DD, IS, ID to Holland & Belgium (Conover 2/29); 1825-1850* GG, language lesson, nx, ID, IS (Hoffman 2/16)
- 15155 FRANCE RFI: 1600-1630 FF, nx, cmntry about Af (Gesell 3/5)
- 15160 ALGERIA RA: 1941 AA, AA mx (Conover 3/6) - not listed in BBCMS 2/19 for External Svc - ed.
- 15160 AUSTRALIA RA: 0500 EE, nx, pop mx, Weak (Gesell 2/29)
- 15167 BRAZIL Ceara R Cl: *1902-1950 PP, ads, pop mx, jingles (Zilmer 2/25, Robinson 2/24) - was dropped from WRTH-76 altho mw is listed
- 15170 TAHITI RT: 1900-1907 EE, nx, wx, into FF (Zilmer 2/25); *1600, 1730, 0207, 0400 with FF or Tahitian, Tahitian mx, pop mx, tlk (Miller, Jones, Gesell, Dunn)
- 15170 NORWAY RN: 1500-1530 EE, nx interview (Thompson 2/22) - who is cor-
- 15175 NORWAY RN: 1625-1630* EE, interview (Miller 2/22) - /rect on freq?

- 15180 HOLLAND RN-Lopik: *1700 DD, IS, ID, nx (Conover 2/29)
 15185 MALAGASY REP RN-Talata: 1726 DD, ID and site ID, nx (Beaudoin 2/18) - WRTH-76 lists this & above as separate transmissions - ed
 15190 CONGO RTVC: 2130-2200 EE, world and Af nx, exact times varied, but was 15 min or more (Horwath, Mayer, Moritz, McGonnell) - SCDX # 1367 says EE nx Mon-Fri 2130, Sat at 2115 & Sun at 2250; 1911-2000, 2215-2300* PF, nx, Af mx, cmntry (Clare, Conover, McLaughlin, Ware)
 15195 MOROCCO VOA-Tangiers: 1655-1705 lang, EE ID at 1700 into Romanian Ware 2/29)
 15210 FRANCE RFI: *1700-1755 EE, "Paris Calling Af," (Conover, Jones, Nicholson, Sheehan, Ware)
 15210 BELGIUM ORU: 1305 DD, transmission to Af (Conover 2/14)
 15220 SOUTH AFRICA RSA: 0513 EE, IS, ID, V Poor (Dunn 2/13)
 15220 MALAGASY REP RN-Talata: 2025 FF, mx (Hoffman 2/28); (Holland-Lopik); 2000 FF, ID, nx, mx (Conover 2/22) - WRTH lists Talata, did anyone get site ID? - ed.
 15225T TUNISIA RT: 1820-1830 AA, tlk, mx, Good until RN s/on at 1830 (Mohrmann 3/5)
 15230 CUBA RHC: *1700+ FF, IS, SS ID, NA, AA ID, then FF ID, FF nx, (Ware 2115-2140 AA, LA mx (Brown); 0135 SS, ID (Dean) sell)
 15240 AUSTRALIA RA: 0210 EE, radio play (Dunn), 0530 EE, //15160 (Gezaire LV du Z: 1835-0138 FF, IDs, Af mx (7 reporters)
 15245 W. GERMANY DW: 1445 GG, for NA, Fair (Larson 2/11)
 15260 ASCENSION ISLAND BBC: 2200-2230 EE, nx, mx, Good, (Gesell 3/2); 2005-2020 EE, World Svc, rp as England, but sked is Atlantic Relay (Hoffman 2/28)
 1527ORF JAPAN NHK: 2341-2346 EE & JJ, IS, ID, nx (Dunn 3/7)
 15273 URUGUAY SODRE: 2350, pop mx w/ Beach Boys tune, Excellent (Robinson 2/17) - WRTH lists 800 watt. Is that still correct? ed.
 15280 NEW ZEALAND RNZ: 0501-0511 EE, nx (Brown 2/18)
 15300 JAPAN NHK: 2341-0034 EE, IS, ID, nx, cmntry (Dunn 2/13)
 15300 FRANCE RFI: 1700-1735 EE, nx to Af, hrd also //15425, 11930 & 11705 (Earhart 2/28)
 15305 AUSTRIA ORF: *1500-1525 GG, IS, ID, TC, tlk (Jones, Hoffman)
 15305 SWITZERLAND SBC: 1530 EE, nx, Dateline, Fair (Zilmer 2/26)
 15305 SWEDEN RS: 1230 EE, nx, cmntry, DX pgm (Sheehan 2/24)
 15307 PHILIPPINES R Veritas: 2230-2300, Indo, appears to be daily, testing to 0100+, //11875 for 0030-0130 (Padula-AUST 2/10)
 15325 SEYCHELLES FEBA: 1610-1630+ EE, ID, "Back to the Bible," (Lucas)
 15325 UGANDA BC: *1800-1900* EE to 1830, then FF (Cress, Hersh, Lucas, McLaughlin, Jr.)
 15330 BRAZIL R Gazeta: 0015, PP, sports pgm, under AFTRS, either off freq or move from 15325 (Zilmer 2/13)
 15340 PORTUGAL RP: 1800 PP, sign on, mx, Good (Beaudoin 2/16); 2032 PP (Larson 3/5)
 15350 ZAIRE LV du Z: 1645-1655, 1915-2130, FF, tlks on Angola, Af and US pop mx, radio play (Lisanti, McLaughlin, Jr, Meehan, Robinson) 2018* closing with "C'était l'heure militaire du Mouvement Populaire de la Révolution," RTTY QRM (Hauser 2/16)
 15355 AUSTRALIA RA: 0530 EE, nx (Gesell 2/29)
 15365 ETHIOPIA ELTF: *1910-1915, IS, ID, EE into FF at 1915 (Conover)
 15385 MEXICO XERMX: 2000 SS, mx (Hoffman 2/28)
 15400 ASCENSION ISL BBC: 1605 EE, World Svc (Hoffman)
 15410 RWANDA DW-Kigali: 1305 AA, ID in GG & FF, nx Good (Beaudoin 2/16) 2315-0030, GG, cmntry, (Hoffman 2/25) - I reported in FEB LR-D that this was Germany, *2200, but is Rwanda - ed.
 15425 AUSTRALIA ABC-Perth: 2345, EE, ID, nx (Dunn 2/25)
 15425 TAIWAN BCC: 0400-0420 CC, to SEA, stronger than ABC (Padula-AUST)
 15430 USA AFPTS: 2230 EE, "Nat Public Radio," (Conover 2/8)
 15435 TANZANIA RT: 1902-1937, 1957-2013* EE, Af nx, tlks on Freedom Fighters, at 1928 new pgm "Voice of Namibia coming frm the External Svc of R Tanzania," into W in lang at 1937, RC at 1957 w/ M in EE, cmntry, s/off w/ ID (Overcamp 3/20)
 15435 AUSTRIA ORF: *2100 GG, IS, ID, Poor (Overcamp 3/21)
 15440 PHILIPPINES FEBC: 2320-0000 EE, nx, sports nx, "Listeners Corner" prayer, into CC at 0000, (Dunn, Lucas, Thompson)
 15445 USSR RM: 2300 EE, nx, cmntry, //15140 (Zilmer 2/24)
 17705 USA VOA: *1900 EE, ID w/o site, nx, Af Panorama, (Hoffman 2/15) - VOA D 1975 sked (Nov 2 - Mar 6) 1st Bethany on 17710 to Af
 17735 IRAN NIRT: 0510-0530 Farsi, HS R Iran-1 pgm (Padula, Willis); 0620, AA sounding chants, //15084 (Cosier)
 17750 CUBA RHC: 1900-1925 SS, class & LA mx, V Good (Brown 2/15)
 17755 ECUADOR HCJB: 2000 EE, to Eur (Conover 2/29)
 17770 AUSTRIA ORF: 1845-1855* EE, tlk on tourism in Austria (Overcamp)
 17775A USSR RM: 1504 EE, Af Svc, nx, cmntry (Greene 2/17)

17790 ALGERIA RTVA; 1640 AA, chants (Beaudoin 2/16)
 17810 HOLLAND RN-Lopik; 1440 EE, pop hit parade, Poor (Miller 2/21)
 17825 EGYPT RC; 1535-1550 Somali, mx, ID, chants (Tuchscherer 2/24)
 - WRTH lists 17725. Is this freq correct, John? - ed.
 17830 NETH ANTILLES RN-Bonaire; 1940-1950* AA, ID at s/off, *2000 FF
 (Brown 2/29)
 17830 SWITZERLAND SBC; 1530 EE, nx, dateline (Zilmer 2/26); 1532 "Sun-
 day Supplement," (Meehan 2/15)
 17840 ASCENSION IS; BBC 1602-1615* EE, to NA (Nicholson 3/9)
 17870 LIBERIA VOA-Monrovia; 1930-2015 EE, Africana (Brown 2/29)
 17890 TAIWAN BCC; 0201-0226 EE, Chinese mx, nx, jamming (Clare 2/20)
 17900 VATICAN STATE VR; 1710-1715* EE, rel nx, Af svc ID (Richardson)
 17920 EGYPT RC; 1340-1428 EE, AA by Radio, nx, cmntry, Listener's Cl
 (Richardson 2/17, Schipelliti 3/7)
 21500 USA VOA-Greenville; 1600 Inng, nx to N Af, (Brown 2/14)
 21535 SOUTH AFRICA RSA; 1500 EE, sports, Poor (Conover 3/6); *1600
 EE, nx on closing of Moz-Angola border (Cress 3/3)
 21670 USA VOA-Greenville; 1609 Special EE, "Words and Their Stories,"
 to Africa (Brown 2/14)
 21685 MALAGASY REP RN-Talata; 1620 AA, tlk, western pop mx (Brown)

Thanks again for all those who contributed to Section D. It is your column and your reports keep it going. The greater the quality of the reports as well as the quantity will make this section much more useful to you.

Since I have some extra room this month, I will take some space to give a few suggestions on improving reporting in both content and form. First the content:

- 1) Parallel frequencies: There can be a big difference between hearing a parallel, hearing an announcement of a parallel, and reporting a scheduled parallel. Our shorthand "//" implies to me that you heard it. Please state if it was just announced or only listed.
- 2) Times: Many of us give just one time and then list many program details heard. Try to give inclusive times. Also indicate if the transmission continued in another language when a program ends.
- 3) Transmitter Sites: For the large broadcasters with many relay sites such as VOA, BBC, RN, DW or RM it can be difficult or impossible to be sure of the site. For BBC, R Netherlands or DW check WRTH or a more recent schedule. Since changes are made, please mention if you heard a different transmitter site identification.
- 4) Tentatives: For those of us trying to increase our country totals, it is hard to admit doubt in identification for we want to add another to our HIC. Unless you have heard an identification or have some other clear indication that it must be a particular station, the reception should be reported as tentative (T). The same applies with the frequency. If you are not sure, the frequency is approximate (A). It then becomes my job to figure it out from other reports, schedules, and my own listening. Use your judgement, it may help keep both you and me out of "Don't You Believe"

As far as the form, I prefer reports typed or if handwritten please try to the NASWA forms available from Headquarters. In any case, put the frequency at the left-hand edge as in Log Report. Please do not single-space reports or use both sides of the paper.

I fully support Greg's effort as Distribution Editor. His deadline is the 12th and must get them mailed so that the four of us have time to organize, type, and mail the columns to Alan Mayer by the last Saturday of the month. I have received quite a few reports direct. Since I never want to discourage reports, I'll only say that many of these have come too late to be included - especially in the 25 m band that are typed up first. These are held over for possible inclusion in the next issue. If you have a "hot item" and wish to try to get it in, send a copy also to "DX Hotline." On the other hand, if you do send to "DXH" try to give the appropriate "LR" editor a report for the next issue so that your logging is put into numerical order for permanent reference.

Enough from me for this month. I hope to hear from all of you for the May issue. LR-D has been allocated 6 pages, so see if some extra daylight can help in hearing some new stations and tracking down the spring changes. I'll be back as long as I can tune down to 1040 and report to the IRS as well as NASWA. If you have been as slow as I have, meet the April 12 deadline for NASWA and then worry about the April 15 deadline for IRS. Hi!

73s, Tom

There was a total of 66 reporters for this month, with 37 reporting to RA - A, 12 to RA-B, 5R to RA-C, and 50 to RA-D. This amounts to 76% of our membership. Where are the other 24% of you? 66 is a good turn-out, but it could be better. You make FRIENDS what it is or what it isn't. Write in this month.

- Robert BEAUBOIN, Bridgeport, CT (R-388)...Edward BLOVA, Solon, OH (SW4/AC37)
- Ernie BERG, Menora, Ont, Canada (SPR4/AC33)...W. Noel BROWN, Ann Arbor, MI (SB-313)...Ben CRITER, Knoxville, TN (SB-313/GR-54)...George CIARE, San Mateo, CA (SPR4/A-2515)...Jack CONOVER, Pittsburgh, PA (SPR4)...Geoff CONTER, Burwood, Vic, Australia (Trio 9R51S/Sony CRF160)...Michael CRUTER, Torok, CA (SPR4)...Tedley CRESS, Harrisonburg, VA (R4C/HRC-500)...John DALLA, Galeazzo, MI (DX-150B)...Dennis BEAN, Dayton, OH (SPR4)...Tom LETTLEFISK, Deerfield, IL (GR-78)...Guy BUNN, Paramus, NJ (SPR4)...Kenneth SERBATH, Allentown, PA (DX-157/SX-190)...Marlin EIDER, Hillsdale, MI (SX-100)...Dennis FILKA, Parma Hts, OH (DX-160)...John GEBELL, Tucson, AZ (SA-130)...John GREBE, Millbury, MA (DX-160)...David HAAS, Woodcliff Lake, NJ (AR-3)...Mark HALL, Stony Point, NY...Editor Glenn HAUSER, Urbana, IL (HQ-160)...Daniel HERSH, Hollisdale, PA (Sony TFM 8000W)...Werner HOFFMANN, Newark, OH, (SSR-1/NC-140)...Ray HORWATH, Crest Hill, IL (SB-313)...Aaron HYWARREN, Winnipeg, Man., Canada (Marconi AR2A)...Jack JONES, Jackson, MS (DX-160)...Richard LARSON, Minneapolis, MN (SPR4)...Arnold LAUSVICH, Milwaukee, WI (DX-150B)...Alan LAVES, Austin, TX (DX-150A)...Alfred LIGANTI, Brooklyn, NY (SPR4)...Richard LUCAS, Johnson City, NY (SX-99)...Jay McGONKELL, Hopedale, MA...Pete McLAUGHLIN, Dover, DE (SPR4/Lloyds 9N24B37A)...Don MANLEY, Torok, CA...Publisher Alan MAYSR, Park Forest, IL (SPR4)...Jim MEEHAN, Hamon, CT (DX-170)...Albert MILLER, Youngstown, OH (HRC-500)...Mark MOHRKAMP, Syracuse, NY (RCA 86K)...John MORITZ Jr., Youngstown, OH (DX-160)...Scott MEANY, Lincolnwood, IL (RF-5000A)...Vern NICHOLSON, Toronto, Ont, Canada (DX-140)...Editor Tom OVERCAMP, Seneca, SC (SP-600/RC-221AK)...Bob PADULA, Surrey Hills, Vic, Australia (Marconi CR100)...W.J. PEARSON, Avonmore, PA...Andre PINEAULT, Gorette, P.Q., Canada (SX-190)...Steve RAPER, Cedartown, GA...Editor Greg RAVENHORST, Hollandale, MN (R4C)...Mike RICHARDSON, Glens Falls, NY...Editor Daniel ROBINSON, Washington, DC (SPR4)...Don ROJEWSKI, Tacoma, WA (DX-160)...Hans SCHULKE, Marietta, GA...Chris SHESHAN, Toronto, Ont, Canada, (9R-59D Kenwood)...Mark SIGLER, Evansville, IN (Sears 9 Yard portable)...Tyron SMITH, Spencerport, NY (SB-310)...Glenn THOMPSON, Leming, NM (HQ-145A)...Lesley THOMPSON, Huntingdon Valley, PA (SR-1)...John TRAUTSCHOLD, Menomonee Falls, WI (SP-600/SB-310)...John TUCHSCHERER, Meenah, WI (HQ-180A/HQ-100A)...Bob WAGNER, Balwyn, Vic, Australia (Lafayette HA-230)...Lauren WARE, Fairfax, VA (DX-160)...Bill WHITACRE, Lansing, MI (R4B/SX-96/SW4A)...Mike WILLIS, Hampton, Vic, Australia (Trio 9R50DR)...Frank WOLTMAN, Cambridge, WI (DX160)...Charles WOOTEN, USN, Sardinia, Italy (Galaxy R-530)...Robert ZILMER, Milwaukee, WI (SPR4)

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