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DECEMBER—1976
P.O. Box 13
Liberty IN 47353

North American SW Association

Loudenboomer

report



(This month I relinquish my usual column space for this exclusive interview of Mortimer Mansfield, a remarkable giant among men, as told to his close associate and biographer, Mortimer Mansfield. - CHARLIE)

I first met Mortimer Mansfield when he was but a very small child.

"Self," the already-destiny-bound infant told me when but a few moments from the womb, "this world may not be ready for you, but you are nevertheless its good fortune!"

That was 66 wonderful years ago.

Mortimer's (or my) mother, he told me, was often heard to say "My, what a wonderful and heaven-blessed boy you are!" And Mortimer, brilliant as he was, couldn't help but know the old lady was right.

"Yes, mother dear...and humble too," quoth the precocious three-year-old.

By the time he was 14, Mortimer had received two doctorates, journeyed to Antarctica with Adm. Perry, for whom he maintained radio communications with the U.S., been awarded two Pulitzers and a Nobel Prize.

That is an astounding record, Mortimer, I told himself.

"I know," himself answered.

All through his middle years his career -- as journalist, author, living legend and part-time notary public-- came first. There was really very little time to waste on the hobby of shortwave listening. But fortunately for Mortimer, it couldn't take a great deal of time to log just about every SWBC station on the air.

"A few moments stolen here," Mortimer declared humbly, "a few seconds there and I had heard them all, some several times over."

A few stations, he admitted, have eluded him thus far -- Radio Nubby Nubby and the Voice of the Moon.

After Mortimer's retirement some months ago he finally found time for those pet projects that have been simmering on the back burner of his mind for so many years. And though his life had been fulfilling and honor-laden, something was lacking...the opportunity to share his wisdom with the lessfortunate.

First was his development of a new technique, which should be of interest to novice and veteran listener alike. Mortimer told me that it was a rather difficult concept to understand but that, roughly, it involved identifying stations by listening to their IDs.

He found a troupe of dedicated but technologically deficient bimbos masquerading as a shortwave club who could benefit from his instruction. For that club's bulletin he began churning out articles explaining simple concepts in such style that the subject matter immediately became obscure and seemingly complex.

I need not recount his contributions to hobby literature. (But you will, anyway, interjected Self, knowingly.)

"For best sensitivity, turn off your receiver and turn on to Idaho Red," proclaimed an early Mansfield feature. "Only dummies still believe in D-layer absorption," lectured another opus. "Plug your headphone jack into the TV and let Rhoda ID the language," advised the old master.

Antennas? Receivers? Listening techniques? My Gosh, the man was absolutely brilliant, in my opinion.

"Was I?" I just asked myself.

"Yes you were, now shut up while I finish the story.

Mortimer was also able, at long last, to devote long hours to the passtime of DXing. In the past six months 229 different countries have been entered in Mortimer's bulging log book -- some of which he actually heard.

With greatness, of course, there is a price to be exacted. It became lonely at the top. I soon found club members were afraid to approach my exalted presence. In awe, they failed to write. No one asked my advice any more.

"Self, it's just something you'll have to learn to live with," I told myself.

"Or live down," Self responded.

NASWA

A REPORT FROM
HEADQUARTERS

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.
DECEMBER, 1977

THE NASWA CHARTER AND CONSTITUTION: The new proposed NASWA Charter and Constitution mentioned in the September FRENDX was mailed to those who were members as of that issue. The voting has been completed and analyzed. 503 ballots were received of which 458 voted in favor of it being adopted. 45 votes opposed it, and we appreciate those who did send comments why they were opposed. These comments are being carefully considered and some modifications may be proposed to make these documents more acceptable to those with some reservations.

Since the outcome was about 10 to 1 in favor, we feel this also indicates an overall vote of confidence in the way things were going. Any changes being considered will be printed for all to see.

LAST MONTH'S FRENDX COVER: Thanks to Sam Barto for the November FRENDX cover showing a young DXer and his dog. This was taken from the cover of a childrens story book published back in the early 1920's. Sam says Mrs. B bought the book at a garage sale for .10¢ because she thought he would like the cover.

THE NASWA DECAL: Has anyone spotted one on someone elses vehicle yet? Quite a few around judging from the response from our first announcement of this being available. A good supply still on hand at \$1.00 each plus .25¢ for postage and handling (just one .25¢ charge for any number ordered). Canadian orders can be sent in Canadian currency since we can make exchange without problem. Interested overseas members can obtain one for 8 IRC's for airmail delivery.

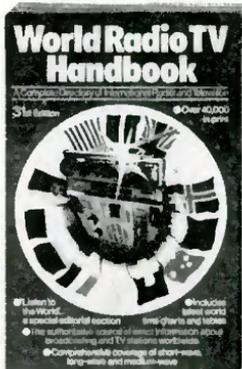
PHILIPPINE HISTORICAL RADIO SOCIETY: NASWA member James T. Pogue calls our attention to this organization who's interest is in the documentation and preservation of broadcasting's history in the Philippines.

This group is interested in contacting persons who have knowledge of or who were involved in early radio activities in the Philippine Islands. They are looking for information on personalities, stations, equipment, QSL cards and letters, photos, almost anything. Contact James T. Pogue, P.O. Box 972, Lafayette, IN 47902 for additional information on this group.

LAST CHANCE FOR 1977 WRTVH AT DISCOUNT PRICE: For those who may have missed this offer in last months FRENDX, or if this may be your first issue of FRENDX, note the item on page QSO-2, this issue. This offer is being made by Gilfer Associates, Inc., P.O. Box 239, Park Ridge, NJ 07656 to NASWA members. The absolute deadline for orders to be received is January, 7, 1977. Order through NASWA only.

WELCOME TO THE WORLD OF SWL: The October FRENDX announced this 16 page pamphlet for the beginning DXer being available from HQ for distribution to various places as a promotion for the hobby as well as NASWA. We were very well pleased with the response to this announcement from the membership. As a result, the 1,000 copies we had printed is about gone, and will be found in many Radio Shacks, libraries, book stores, and other places throughout the U.S. We hope this may make our hobby better known to the public, and we do appreciate the willingness of those who did offer to get these before the public.

A CLOSING COMMENT: It's hard to believe that it's time for the last FRENDX for 1976 already! NASWA considers 1962 as its founding year so 1977 will be NASWA's fifteenth year, and this has been possible only by the dedicated efforts of an awful lot of people during these fifteen years. During 1976, more pages of FRENDX were furnished to more people than in any previous year, and we will strive to keep things going in that direction. Thanks to the fine FRENDX staff and especially the contributors.



Shortwave Center



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

Dec 76

Welcome to the December Shortwave Center. We hope you enjoy this month's FRENEX and hope that Santa will tuck your most desired QSL in your stocking on the 25th.

Your Shortwave Center and Special Publications editor would like to invite those of you who have prepared or want to prepare extensive articles (several pages) on shortwave subjects to consider submitting them for NASWA Special Publications. Please send manuscripts to your Shortwave Center editor for consideration. We continue, of course, to invite your contributions to Shortwave Center.

Keep it quiet

HOW TO STOP SEWING-MACHINE NOISE

by Morgan Monroe, Sandpoint, Idaho

Sewing appears to be a popular avocation among wives of SWLs. This was learned by chance in connection with the Keep It Quiet series published in FRENEX during 1975-76 and reissued by the SWC editor as NASWA's initial special publication.

The series triggered a considerable volume of mail from those confronted with a variety of reception-noise problems. The most frequently repeated question is how to keep sewing-machine motor noise out of SW receivers. Clearly, this is a troublesome problem for a number of SWLs. "Either my wife sews or I tune the receiver," one reader explains, "but never at the same time - the machine ruins reception."

Had I recognized the extent of the sewing-machine problem, discussion of its solution would have been a part of the noise-reduction series. This article is intended to correct that oversight and, hopefully, contribute to marital harmony in homes where SWling and sewing are incompatible hobbies.

Some newer sewing machines contain factory-installed noise suppression and cause little if any SW reception interference. Virtually all older machines, however, and particularly foot-treadle models which have been converted to motor drive, are noise generators. This on-site electrical noise can not be reduced substantially by a line filter at the receiver. The noise-killing must be done at the machine or, somewhat less successfully, between the machine and the AC line.

Solution of the problem is simple. All that is needed is a pair of 0.01 microfarad capacitors across the motor brushes together with a larger capacitor - 0.05 to 0.1 microfarad - across the foot-operated speed control rheostat. But applying the solution may introduce other problems, depending upon how the machine motor was manufactured and installed.

The small brush-type motors powering most machines are compact, usually have closely-fitted cases, and on some machines are mounted in such a way that merely getting inside the case is difficult. If the case is made of plastic, the job can be even tougher. When there is sufficient space in the case to accept the two small ceramic disc capacitors, the installation can be simple. But some motor cases lack even this minute space.

The alternative, usually a less satisfactory noise-reduction method, is to place a

line filter between the machine and the AC outlet. The filter described in the Keep It Quiet series is suitable for this purpose.

Adding a capacitor to the foot control - a necessity regardless of how the motor problem is handled - usually is a simple operation. Most of these controls have some form of base in which a capacitor may be installed without difficulty. In both motor and foot-control applications, use components rated at 1,000 volts DC, make leads as short as possible and solder all connections.

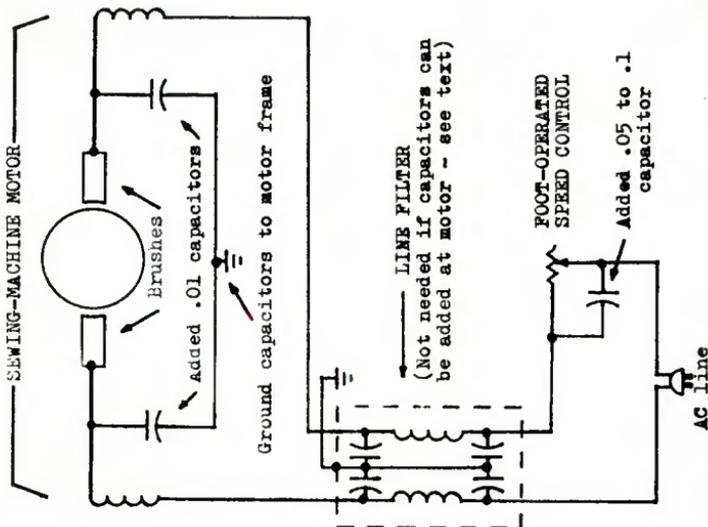
If you are not familiar with AC wiring and soldering in tight quarters, your best bet is to consult a reliable sewing-machine service center or electrical appliance serviceman. Show the schematic diagram and explain what you seek to accomplish. Get a firm price quotation before any work is done. Most of the charge will be for labor; the required capacitors cost less than a dollar. And it may be necessary to assure your wife that quieting her machine electrically will not affect its performance.

Properly installed bypass capacitors across motor brushes and foot-control rheostat will eliminate sewing-machine noise from your receiver. This is true even though machine and receiver may be operated in the same room simultaneously. A line filter at the machine should reduce motor noise but may not eliminate it. Success depends largely on how efficiently the filter is grounded and how close it can be placed to the motor. A poor ground or even a foot or so of AC cord between the two permits noise to get through.

A line filter at the receiver usually aids in reducing sewing-machine noise generated by neighbors. But a filter at the receiver is virtually useless in killing noise from a machine operated within your house or apartment. The only wholly effective on-site solution lies at the machine, not the receiver. This may take a bit of doing but results are well worth the effort.

The schematic shows both possible solutions of the problem. The filter circuit within the dashed-line shielding enclosure is the one described in Keep It Quiet. It is not needed, of course, if capacitors can be placed in the motor case.

The bypass capacitor treatment is equally effective in quieting noisy AC motors of mixers, vacuum cleaners, shavers, power tools, and other motor powered sources of receiver noise. It also works well in eliminating interference from noisy fluorescent light fixtures.



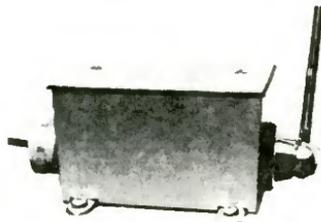
NOTE: Your Special Publications editor plans to add this article to those Keep It Quiet Special Publications sold in the future. If you already have Special Publication One and want a new page 9 and 10 (this article) you can have same for 25¢ postpaid (US mint stamps or coin accepted) from your Shortwave Center editor.

THE MCKAY-DYMEK ALL WAVE RECEIVING ANTENNA - AN OBJECTIVE EVALUATION

DYMEK DA100

by Edward Shaw

The DA-100 antenna system consists of a collapsible 4-foot element affixed to a sealed unit containing a resonant circuit (no schematic provided), which in turn is fed via 52-Ohm coaxial cable to a broadband RF amplifier, the final output being fed to the receiver used.



The initial element is affixed directly to the sealed resonating unit by a swivel-socket, tightened by screw. The collapsible element/unit is designed to be installed out of doors, preferably high and away from other objects, while the amplifier unit is installed indoors near the receiver. The appeal of the DA-100 is to serve hobbyists who do not have adequate room to install a more sophisticated length of antenna, or otherwise do not desire another antenna for aesthetic reasons. Specifications for the DA-100 system claim equality with a 100 foot wire, but did not say in words how it was equal; one must interpret the chart provided. Although advertisements say that the DA-100 may be used as a short wave antenna, the specifications do not claim the unit is an especially good short wave antenna, which it is not. McKay-Dymek does not tell us what antenna system was used as a reference to establish their plots of gain on logarithmic graph paper. However, one might assume from the comparison claimed, that they used a 100 foot long wire.

TECHNICAL PERFORMANCE DATA: According to the chart, the DA-100 added 2 dB of gain over the reference antenna at a frequency of 100 kHz (?). I don't know who is interested in 100 kHz.

At 1000 kHz (middle of the ECF band) the DA-100 claims to be on a par with the reference antenna with a zero dB gain reading. We can assume that the DA-100 stops being equal to a 100-foot antenna at that point.

The DA-100 performance figure declines somewhat below the reference antenna between 1 MHz and 10 MHz, actually dropping about 1/2 dB. From 10 to 30 MHz the performance falls off to - 2dB below the reference antenna.

PRACTICAL OBSERVATIONS: In testing the DA-100, the author installed the element/resonating unit atop the roof corner over a backyard patio. The base of the element affixed to the resonating unit was approximately ten feet above ground. The nearest metal structure of any consequence was one of the wrought-iron stanchions supporting the roof a foot or more below the level of the element base. I considered this to be a reasonably typical installation likely to be performed by the average apartment dweller or homeowner with a modest-size lot. Later, the antenna element and resonating unit were moved to a position outside an upstairs window, supported on a 2x4 board extending about four feet from the side of the house, at about 30 feet height.

HELPING HAND: For sale. Kenwood QR-666 receiver with manual. 8 months old, am upgrading equipment. Asking \$195.00 including shipping. Contact Don Maclean, 44 Jillian Circle, Waterbury, CT 06708, or call 203/574-1303.

McKAY-DYMEK DA-100 ANTENNA SYSTEM (Continued)

SET-UP FOR OBSERVATION: To aid in an objective comparison test, the author used three other antenna systems; a 60-foot random wire antenna suspended at 20 feet above ground; an 18-foot vertical element erected with its base at 30 feet above ground; and a homemade amplified loop of 15-inch diameter which resonated for 3-10 MHz.

Two receivers were used: An R-390A and an FRG-7.

A period of two weeks was devoted to various observation situations during daylight and darkness, evening and morning, rain, sunshine, warm and cool temperatures.

SPECIFIC OBSERVATIONS: The author's tests indicated that the DA-100 antenna did NOT perform equal to another antenna of 100 feet. It did not perform as well as the test comparison 60-foot antenna, regardless of receiver used or circumstances, or of frequency tuned. The DA-100 did perform marginally better than the 18-foot vertical element on frequencies below 31 meters; 25 meter reception was essentially equal for the DA-100 and the vertical element. The DA-100 system compared well with the homemade amplified loop. On frequencies below 6 MHz, the DA-100 provided about 1 S-unit stronger signal, but was on a par with the homemade loop on frequencies above 6 MHz. The homemade loop, however, provided a less noisy signal on ALL frequencies tuned, thus delivering a more usable signal to the receiver.

No evaluation was made on the standard BCB, since this is not within the scope of NASWA. Specifications do claim advantages for BCB frequencies.

Since the DA-100 system is designed as a complete antenna system, rather than an amplifier system for another existing antenna, the author had no choice other than to compare the system en toto to other antennas. However, signals received on the unaided 60-foot antenna were received with an average increase of 3 S-units when connected to the resonating unit where the normal 4-foot element should have been, and the amplified product fed to the receiver.

Also, with the amplifier disconnected from the wall plug, the author observed that the DA-100 center-lead wire ALONE provided either receiver with a stronger signal than when the unit was plugged-in and operating with power.

A change in location of the element from porch top to outside an upstairs window resulted in NO discernible differences whatever.

Results of all observations were essentially identical regardless of which receiver was used.

SUMMARY: The DA-100 does not perform as well as a random 60-foot wire for short wave frequencies. The DA-100 performs marginally better than an 18-foot element on frequencies below 31 meters, and performs less well above 25 meters. The DA-100 delivers a slightly stronger signal but with more noise, compared to a small amplified loop at frequencies below 6 MHz.

In the author's opinion, the DA-100 should not have been advertised as a competitive antenna for short wave frequencies. The \$125 cost seems very high for the benefit realized, considering also that the owner still must accomplish some outside installation. The author suggests there are other less expensive amplifiers available which can be used with very short antennas.

HELPING HAND: Wanted. Used general coverage communications receiver in satisfactory mechanical and repairable if inoperative condition. Will pay about \$50.00. Contact Charles A. Taylor, 936 N. Temple Ave., Indianapolis, IN 46201, or call 317/635-2164 2300-0400 GMT weekdays or 1300-0400 Sunday.

PhD in Shortwave?

DISSERTATIONS ON SHORTWAVE SUBJECTS

by Kim Andrew Elliott

Scholarly attention to international broadcasting reflects the general American lack of interest in this subject. This is demonstrated by the fact that only twenty or so Ph.D. dissertations dealing with some aspect of international radio have been written. The following list is derived from Comprehensive Dissertation Index 1861-1972 (Ann Arbor: University Microfilms, 1973) plus its 1973 supplement (copyright 1974). Other theses about international broadcasting written since 1973 are not listed since they have not yet been catalogued. (The one exception is the dissertation written by NASWA-associate Jim Kushner.)

- Abraham Zisha Bass. Public Information Broadcasting by the United Nations: History, Politics, and the Flow of News. University of Minnesota (Mass Communication), 1969, 211 pages.
- Donald R. Browne. The History and Program Policies of RIAS - Radio in the American Sector (of Berlin). University of Michigan (Speech), 1961.
- Jerome Seymour Bruner. A Psychological Analysis of International Radio Broadcasts of Belligerent Nations. Harvard University (Psychology), 1941, 148 pages.
- James Everts Connolly. A Rhetorical Analysis of the News on the North American Service of Radio Moscow. University of Minnesota (Speech), 1962, 235 pages.
- Jens Evensen. Aspects of International Law Relating to Modern Radio Communication and Other Essays in the International Law. Harvard University (Law), 1968.
- Paul Ernest Freed. A Study of the Extent to Which the Indicated Objectives of American-Produced Religious Radio Programs Prepared for Broadcasting to Europe be Achieved According to French, German, and Spanish Religious Leaders. New York University (Education), 1960, 455 pages.
- Thomas William Hoffer. Broadcasting in an Insurgency Environment: USIA in Vietnam, 1965-1970. University of Wisconsin (Mass Communication), 1972, 931 pages.
- Robert T. Holt. The Munich Operation of Radio Free Europe. Princeton University (Political Science), 1957, 528 pages.
- Sandra Kay Hybels. News and Editorial Bias in the South African Broadcasting Corporation. University of Michigan (Speech), 1971, 91 pages.
- Philip Ernest Jacob. German Political Broadcasting in the War: The North American Campaign 1940-. Princeton University (Political Science), 1941, 81 pages.
- Rais Amid Khan. Radio Cairo and Egyptian Foreign Policy, 1956-1959. University of Michigan (Political Science), 1967, 275 pages.
- James Kushner. International Religious Radio Broadcasting in Africa: Program Policies and Problem Areas. University of Minnesota (Speech), 1976, 286 pages.
- Maury Jay Lisann. The Politics of Broadcasting to the U.S.S.R. The Johns Hopkins University (Political Science), 1973.
- Burton Paulu. Factors in the Attempt to Establish a Permanent Instrumentality for the Administration of the International Broadcasting Services of the United States. New York University (Mass Communication), 1949, 246 pages.
- Robert William Pirsein. The Voice of America: A History of the International Broadcasting Activities of the United States Government, 1940-1962. Northwestern University (Speech), 1970.
- Jon Tudor Powell. A Study of United States Affirmed Policy, Its Broad Implementation, and the Issue of National Sovereignty in International Broadcasting. University of Oregon (Speech), 1963, 208 pages.
- Sohair Bakarar Shafey. International Broadcasting and its Societal Environments: A Test of Hypotheses. University of Southern California (Mass Communication), 1970, 134 pages.
- Edna Chapham Sorber. An Analysis of the Persuasion Used in Radio Moscow's North American Service. University of Wisconsin (Speech), 1959, 284 pages.
- Robert Eldon Van Deusen. A Study of a Church-Related International Broadcasting Project in Addis Ababa, Ethiopia. American University (Political Science), 1968, 481 pages.
- Milan Zivanovic. United Nations Broadcasting: Its Origin, Principles, and Their Implementation. University of Wisconsin (Mass Communication), 1972.

THINK

BEFORE YOU BUY THAT RECEIVER

by Al Sizer, North Haven CT

You read a lot of good advice about sensitivity, selectivity, stability, and other technical factors you should consider when buying a shortwave receiver. All well and good. But there are some other considerations you should take into account before you go in hook for that set. Here are a few:

(1) **SIZE.** How big is the receiver? How much does it weigh? Do you have room for it? Does your wife think you have room for it??? Is it too heavy to be easily transported? In other words, non- or only semi-portable?

Another thing to be considered, although not usually mentioned, is how easy will it be for you to ship the receiver to the factory it came from, or to any repair place, for repairs? (The last time I sent my SPR-4 back to Drake in Ohio from Connecticut it cost \$2.50 UPS. Beat that.) A smaller and lighter receiver will also be easier to package for shipping.

(2) **REPAIR.** Before you buy a receiver you ought to have a firm and realistic answer to this question - - where can I get this set fixed if it breaks down? Does the manufacturer repair his equipment at a reasonable price? Are you buying it from a dealer who stands firmly behind the equipment he handles?

Repair facilities are especially important for receivers bought secondhand and from surplus. You'd better be sure you scout around in advance to locate a repair place before you plunk down that money.

(3) **POWER.** How much power does it take to run? Will it work off flashlight batteries, car cigaret lighter socket? This is important if you want portability.

If heat is something you want to avoid in your shack, then you will want to have solid state equipment, not tubes. Some receivers like the famed Hammarlund 180 and the R-390A use heater tubes that remain on so that the receiver will not have to be warmed up to avoid drifting. Heater tubes can cause problems if you are technically inexperienced as we are. Once we got several frightening electrical shocks with an HQ 180A when we were moving an aluminum ladder and the top of it came in contact with an antenna. It had been made "live" by heater tubes. The Receiver probably was improperly grounded.

So remember, in buying yourself a shortwave receiver, you should carefully weigh all the angles. Sometimes the buyer tends to ignore factors that may become problems when it is too late to make a change.

FALKLANDS

F.I.B.S. - A TALE OF EXOTIC DX

by David Ball, Downsview, Ontario

F.I.B.S. is certainly one of the most wanted SWBC DX catches and, to the handfull of North American DXers who have heard it, the thrill of a lifetime.

F.I.B.S., the Falkland Islands Broadcasting Service, operates from Stanley, the capital of the Falkland Islands, a British colony in the South Atlantic off the coast of Argentina. The Falklands are almost totally isolated, until 1973 the only regular transportation link to the outside world being a monthly mailship from Montevideo, Uruguay, a thousand miles away. There is not an air service from Argentina. This isolated life greatly increases the importance of radio.

The first known landing on the islands was made in 1690 by the English captain Strong. The Spanish and French had settlements on the islands for a short time, but were soon pushed out by the English. The Falklands were designated a Crown Colony in 1892, due to their importance as a coaling station for ships going around Cape Horn. The British claim to the islands has been disputed for 140 years by Argentina. On Argentine maps, the Falklands are designated as "Las Isles Malvinas".

The island group consists of two large islands and about 200 small ones. The climate is severe, because of biting winds from the Cape Horn region and icy Antarctic currents. At the time of the 1962 census, the population numbered 2,172, at least 98% descendants of British immigrants, the remainder being immigrants, usually temporary, from Uruguay and Chile. The islanders call themselves "Kelpers" after the rich seaweed which surrounds the archipelago. About half the population lives in Stanley, the remainder being scattered throughout the islands. The principal occupation is sheep farming, although oil deposits are suspected. Except in Stanley, no roads exist on the islands. The landscape is barren and consists primarily of rolling hills and peat bogs. According to a 1973 AP dispatch, "there are four pubs, no movie houses, and a lot of signs saying 'keep the Falklands British'."

The Falklands were the first British colony to have their own broadcasting service. The F.I.B.S. was established in 1929, using a small transmitter which covered Stanley and

part of East Falkland. In 1942, coverage was extended to the entire colony. A system of wired rediffusion was set up later. Apart from the normal 34-36.5 hours of broadcasting weekly, special announcements may be transmitted at any time. Programming includes music (pop, light orchestral pieces, and Latin American dance music), local news, shipping news, BBC World Service news and many BBC transcript programs, which may be two years old by the time they reach Stanley. A weekly feature is "Visitor's Box". The following comments are by Margaret Stewart Taylor, author of Focus on the Falkland Islands, who visited the islands for three months in 1969:

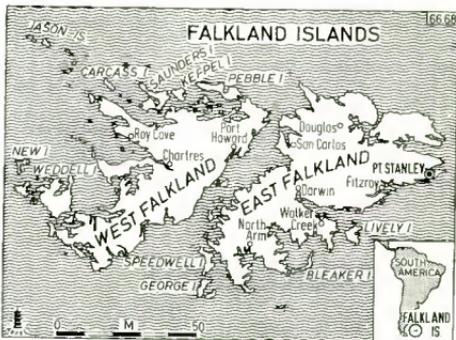
I had only been in Stanley a few days when the Reverend Peter Millam, Senior Chaplain at the Cathedral, escorted me to the studio for an interview. I was asked, "Where have you come from? Why are you here? How long are you going to be here?" Peter wanted to know what kind of a book I intended to write and the titles of books I already had published. Then I was asked to give my first impressions of Stanley.

The studio was very informal and I was introduced to Nadine Campbell, responsible for the programme, and a technician. They sat in the main room from which transmitting took place. It was also the recording-room and a store for discs and tapes, while a glass window looked into the interviewing-room. Peter and I were in the latter, and the technician signalled through the window for us to begin.

Special odd-hour radio announcements might have times of Beaver flights, passenger lists for planes or ships, new goods on sale in shops, and individual messages of general interest. I was struck by Kelper honesty when it was considered worth while to put over the information that someone had lost a sum of money "in an envelope during Tuesday afternoon or Wednesday morning so would finder hand it to . . ." It seemed marvellous to me that the finder could be so honest, but the Falklands are islands where property and order are respected.

The last positive receptions of F.I.B.S. in North America occurred in August 1972 and January 1973, during severe auroral conditions which wiped out ham radio interference and brought enhanced southerly reception. NASWA member Al Sizer writes about his logging:

My catch of Falkland Islands was one of the most memorable and frustrating episodes of my DXing career. . . . It (5 August 1972) was a day of remarkable reception. The ham radio operators which make life miserable for DXers in the 75 metre band were completely blotted out in my area. That left the way free for Falklands . .



Sizer did not ID Falklands, but Dr. F. Earle Hall of Winchendon, MA, did. Hall subsequently reported and received the only F.I.B.S. QSL in recent years.

At that time, F.I.B.S. was operating on the 75 metre band, on a frequency which varied between 3941 and 3943, despite the nominal 3958 listed. According to a cable from the station received by Numero Uno editor Don Jensen in March 1976, F.I.B.S. now operates on 2370 kHz nominal, plus 536 kHz mediumwave. Tony Jones, an English DXer working in Paraguay, reported reception on 2385 kHz on 18 June 1975, so it is likely that the 2370 nominal varies considerably. (Editors Note: A Falklands reception on 2370 kHz was noted from Brazil in the April DX Hotline). The schedule is as follows:

April-October	M-F	1400-1600, 2230-0200
	Sat	1400-1600, 2030-0200
October-April	M-F	1300-1500, 2200-0130
	Sat	1300-1500 only

There are no Sunday transmissions. Power is 500 watts. The best time to try for F.I.B.S. in North America is seemingly between 0100 and sign-off at 0130 or 0200. QRN is now the major problem. The best possibility for an NA logging would still be during the extreme auroral conditions associated with an ionospheric storm.

I wish to acknowledge the assistance of Al sizer, Mac Leonhardt, FRENDX, NU, and Focus on the Falkland Islands, by Margaret Stewart Taylor (London: Robert Hale, 1971).

HELPING HAND: For sale. SPR4 with 23 crystals, crystal calibrator. In excellent condition. Best offer over \$450.00.....Unique wire tuner, \$50.00Omega-7 noise bridge, \$15.00.....Palomar frequency standard calibrator, \$20.00. Contact Neal E. Kolb, 4113 Tacon Street, Tampa, FL 33609.

Beginners Patch

by David Haas, Woodcliff Lake, NJ

With the winter months ahead, now is a good time to plan for an award. Yes, plan for an award, because you do have to plan for it. This is because you have to concentrate your DXing efforts on getting the countries that are included in your award. There are many awards to choose from (see previous awards lists in FRENDX by Awards Chairman, Dan Henderson), but I think the European award may be the easiest. The only problem is getting those last two countries. So far I have received 23 European countries, 22 of them in English. But whatever award you get (or try for) it is something to hang proudly in your shack.

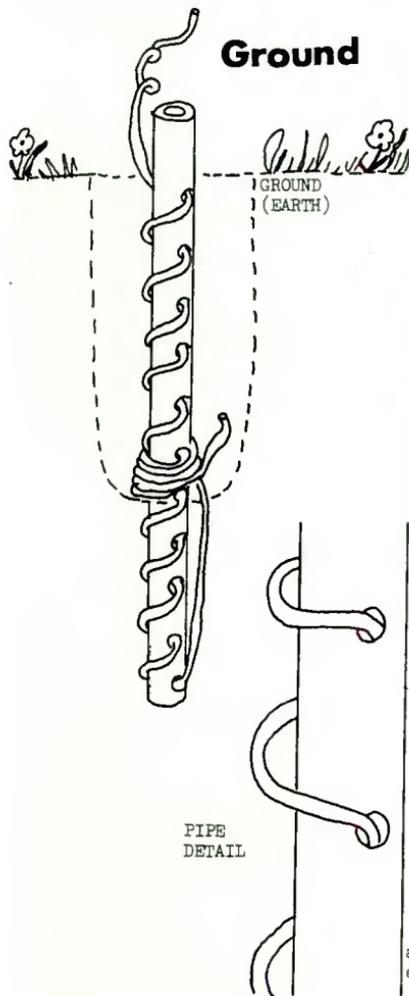
The Congo is easily received in North America from *2130-2144* in English. They ID as the "Voice of the Revolution". Before 2130 they are in French. The frequency is 15190.

Radio Nederland has an English broadcast everyday from Talata, Malagasy Republic (Madagascar). They are on the air from 2000 to 2100 on 11730, which is the same frequency as their North American broadcast at 2130.

Radio Denmark has a broadcast in Danish at 1730-1800 GMT on 15165. Be sure to look for the English IDs at sign on and sign off.

A SERVICEABLE GROUND by William Alder
San Antonio, TX

Ground



I have used this ground for almost seven years and find it quite good, particularly here in the southwest where we have prolonged dry spells. When it becomes dry, I pour one or two gallons of water down and around the ground pipe. Due to its construction, the earth is thoroughly moistened all around and even below the pipe. Before filling the hole with dirt, pour several gallons of water in and you will be off to a running start.

Specifications

Use a 40 to 48 inch long piece of galvanized water pipe. Inside diameter should be at least 3/4 inch. Drill 1/4 inch diameter holes through pipe 5 to 6 inches apart, the last hole 1 inch from the end.

You will need about 16 feet of 12 gage bare copper wire. Leave about 18 inches at top and thread wire through holes as shown in the diagrams.

Dig a hole 8 inches wide and 2 feet deep. Drive pipe into bottom of hole until the top is 4 to 5 inches above ground level. Take the 11 or 12 feet of wire left and wind it around pipe at the bottom of the hole after the pipe has been driven into the ground to the correct depth. Wet down ground around pipe and fill hole with dirt.

Make all electrical connections to the 18 inch long piece of wire at the top of the pipe and be sure to twist and solder connection.

Season's Greetings
Meilleurs Voeux
Felices Fiestas
С НОВЫМ ГОДОМ

and Best Wishes for the New Year to all DXers everywhere from your SWC Editor and his family.

FORMS

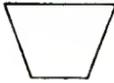
RECEPTION REPORT FORMS by Jerry A. Lineback

Many people in our hobby consider the sending of reception reports to shortwave broadcast stations for the purpose of receiving QSL cards in verification to be an important activity. There are those who prefer individual letters for reports to stations. Others have prepared a variety of reception report forms.

We have not had articles on the art of verification in SWC recently (because no one has submitted them) but I have received some material on report forms and record keeping that I plan to work into future SWCs. If you wish to prepare an article on some aspect of verification, please do so. It will be welcomed.

In the interest of those who may be considering preparing a reception report form, I will print some examples as they are made available to me. Printing such forms as examples does not mean that I or NASWA recommend a particular format or even such forms in general. They are presented for your interest only. If you submit an example of a form that you use, please make sure that it is on white paper for reproduction. The example below is used by John Waldherr and we thank him for sending it to us.

DX Reception Report

DATE 

35 Mir (9.5 - 9.775 Mhz)

25 Mir (11.7 - 11.975 Mhz)

DATE

FREQUENCY
HEARD

GMT

EST

PROGRAM HEARD _____

Your QSL will be greatly appreciated.

Thank You

John Waldherr

EST	GMT
7 PM	0840
8 PM	0900
9 PM	0930
10 PM	0945
11 PM	0955
12 AM	1005
1 AM	1020
2 AM	1030
3 AM	1045
4 AM	1055
5 AM	1105
6 AM	1120
7 AM	1130
8 AM	1145
9 AM	1155
10 AM	1200
11 AM	1210
12 PM	1220
1 PM	1230
2 PM	1240
3 PM	1250
4 PM	1300
5 PM	1310
6 PM	1320

	S	I	N	D	O	
	USA STRENGTH	GEN INTERFER	NRV NOISE	USA MODULATION	ICRN OVERALL	
5	EXCELLENT	NONE	NONE	NONE	EXCELLENT	5
4	GOOD	SLIGHT	SLIGHT	SLIGHT	GOOD	4
3	FAIR	MODERATE	MODERATE	MODERATE	FAIR	3
2	POOR	SEVERE	SEVERE	SEVERE	POOR	2
1	BARELY AUDIBLE	EXTREME	EXTREME	EXTREME	UNUSABLE	1
		
		

RECEIVER - 10 BAND
PORTABLE WITH SELF-
CONTAINED WHIP ANTENNA.
TRANSISTORIZED.

John Waldherr
800 E S B Street
Gas City, Indiana 46933
U S A

WWV

CHANGE IN FORMAT by Jerry A. Lineback

Users of the solar-terrestrial conditions reports now issued only at 18 minutes past the hour on WWV should note that the format and time of update has been changed from that which was previously used. They now give a current K index number, presumably updated at 6 hour intervals and then the solar flux and A index for the previous day. This is followed by a forecast for the current day. The time of daily update has been moved up to 0018 UT from the former 0418 UT. Reports are by telephone circuits and the audio quality suffers.

USSR

SOVIET RADIO INTERFERENCE

Thanks to Bill Coleman, Jr., Arnold Lausevich, Larry Magne, the Washington Star, and others

A mysterious and very powerful radio signal, apparently from the Soviet Union, has been disrupting radio communications periodically for some time. These transmissions are heard throughout the world, almost daily since July. Several hundred complaints have been filed with the U.S. FCC which has in turn filed complaints with Soviet officials and with the ITU in Geneva. The Soviet officials have not acknowledged the source of the signals.

The signals are extremely wide band and it pulses 10 times a second. Broadcasts are being made on shortwave frequencies and are interfering with ship-to-shore, point-to-point, amateur radio, and international shortwave broadcasting. Direction finding equipment indicates that the signals emanated from the eastern side of the Baltic Sea. Some FCC officials speculated that the transmissions might be coming from the area around Minsk, the capital of Byelorussia, about 300 miles southeast of the Baltic.

The transmissions have been heard on frequencies ranging from 6 to 28 MHz with band widths of 30 to 300 kHz. The length of transmission ranges from 30 seconds to 30 minutes. It is unlikely that such transmissions contain intelligence. Speculation has been made that the Russians are developing a system of over-the-horizon radar.

GOD REST YE MERRIE GENTLEMEN

In the December 1924 issue of Radio Digest more than two hundred companies advertised their equipment. Among the nifty rigs available were:

- The Golden-Leutz Flodyne 6 (The perfect receiver)
- The Splitdorf 5 tube radio (Coast to coast with Splitdorf)
- The Freed-Eisemann (he difference is - finesse)
- The Brandola (One dial)
- The Sherma-Flex (Shipped on approval-send no money)
- The DeForest Radiophone (How many radio miles did you go last night?)

via John Tuhscherer, Neenah WI

Propagation Conditions by Jerry A. Lineback

Solar-terrestrial conditions continue at a low ebb, with only minor indistinct monthly peaks. Solar flux peaked on 25 October and 19 November giving a solar month of about 25 days. The next solar flux peak is expected about 16 December, but don't expect much. It may be several more months before solar activity picks up significantly.

The geomagnetic field was also very quiet. A prolonged low took place between 19 and 29 October and again from 15 to 22 November. Recurrent geomagnetic activity continues to take place about 5 days after and 10 days before solar flux peaks. The A index peaked on 31 October and 11 November. Peaks in geomagnetic activity are expected again about 24 November, 10 December, and 20 December. Major disturbances are unlikely.

Well, that is all for this month and this year. Thanks are due to all those who contributed material for SWC. It is their efforts, rather than mine, that have insured the quality of this section of FRENDX. I hope you all resolve to keep up the flow of good material to SWC and the other sections of FRENDX in the new year. Thanks and 73s

HELPING HAND: For sale. AMECO PCLP preamplifier, in mint condition, used twice. Original cost \$39.00. Will sell for \$30.00 and ship in original carton. Contact Goerge W. Gady, 1355 N. Dearborn, #502, Chicago, IL 60610.

QSO/NASWA



LETTERS TO HEADQUARTERS

EDWARD C. SHAW, QSO EDITOR
P.O. BOX 7053
LEXINGTON, KENTUCKY 40502



MERRY CHRISTMAS NASWA

The past year has seen the introduction of two or three reasonably-priced DXing receivers on the market, so there will no doubt be quite a few of them in new hands by Christmas.

Giving or receiving a new radio isn't exactly what it's all about, tho. This time of year brings to my mind, at least, that we all need to give a little something. You could give by contributing to your fellow members of NASWA in the form of reports and letters to the various editors. You'll find us very anxious to please, even though it is very difficult to achieve that goal to everyone's satisfaction. So, we make a bargain with you all. You send in your stuff, and we'll do our best to continue providing you with the best printed DX word.

Merry Christmas, NASWA fans!! This is my twelve year onboard. 73, Ed.

NEW RADIO SHACK CRYSTAL CALIBRATOR. Well, well! Just when we needed something like this, look what turns up. Available in kit form now, is a 100 KHz Crystal Calibrator in kit form by Science Fair, found at your local Radio Shack store for \$9.95, including the crystal (Wow!). In case you were uninformed, a Xtal Calibrator is a small gizmo that emits a silent carrier every even 100 KHz across your receiver dial. By counting markers, you can tell where you are. Great for calibrating other receivers, too. Runs on 3 penlite batteries. Simple circuit requires only minimal ability to use a low-heat soldering gun. Try it! You probably can afford to, since it doesn't cost much.

THANKS ALL, FROM HARRY VAN GELDER. Upon the occasion of his retirement from Radio Nederland, NASWA wrote Harry to wish him well and assured him of a fond corner of our hearts. Harry responded, "I greatly appreciate the sentiment...anything I may have achieved over the years has only been possible by the wonderful cooperation of DXers themselves, including the Americans. May NASWA continue to be among the greatest in the DX world." Thanks, Harry, we appreciate it, too.

PENNANTS FROM AUSTRALIA. First come, first served. For a 24c SASE, Sam Barto, your Log B Section editor, will send you a pennant and brochure on Radio Australia. Better hurry...only 50 left. Mail to: Sam Barto, 245 Cherry Ave., Apt J-11, Watertown, CT 06795.

ALL NIGHT DX-A-THON. Speaking of Sam, November 6th was his night to remember. Greg Peters in Torrington, CT hosted a bare-bones marathon DX fest in company with Sam, Jeff Goldman, John Zaharek, Gregg Bares, and Joe DiLeo. Rumors flew about 8 or 9 receivers and miles of antenna wire, reportedly sucking up 120 and 90 meter stations like a vacuum cleaner. Other particular goodies found were Radio Andorra on 6230 at 0815 GMT, DeutscheWelle Antigua on 6145 at 0958 GMT, and La Voz de la Patria, Venezuela on 3305 signing off at 0155. Mention was also made of Cook Islands, but everyone was too tired to wait for it to sign-on. Sure! Far!Far!

R-390A WIZARD DISCOVERED IN INDIANAPOLIS!! Holy Mackerel! Here we were looking for wizards and we had one or two in NASWA all along. Any body with a sick R-390A needing a tweak or an overhaul, contact NASWA member Charles Taylor, 936 No. Temple Avenue, Indianapolis, IN 46201, or call (317) 635-2164 to discuss terms. Charlie trained on the R-390A in the Navy, and has worked on a hundred of them.

STILL LOTS OF SONY BOOKLETS LEFT: Anyone still desiring to have one of the SONY booklets may send a 13c stamp to the QSO address. This is a nice little booklet telling... "How To Get The Most From Multi-Band Radios." Informative, useful. Certainly worth a stamp to get.

DXING ACCORDING TO NASWA: A handbook you should buy. Answers most of the questions you are likely to ask about DXing. We have been very pleased with such remarks as... "four times the information in a book one-fourth the size of ... (another commercial book)... and at less than half the price." If you haven't yet, get yours now. Timeless information, charts, illustrations, lists, history, and explanatory sections you will appreciate, I guarantee. \$3.00 ppd from NASWA HQ.

DON'T LOOK NOW, BUT WHILE YOU WERE ASLEEP.....

Dan Robinson, your Log A Section editor, has been AT WORK!! Recent news came to QSO that our intrepid Dan R. has been wooing VOA big wigs into conferences about the feasibility of a VOA DX Program! A diplomat of the first water, Dan apparently has not been completely ineffective. At least VOA has not refused. Dan is in the process of developing some taped programming for consideration, assisted by a co-resident and fellow NASWA member, Pitt McNeil. Not only is Dan a worthy Log Report editor, but he is well-traveled in southern Africa, and studying at American University in Washington, D.C. A big hand, there Dan!

1977 WORLD-RADIO & TV HANDBOOK: The WRTH is the closet thing hobbyists have to a standard textbook on the art of DXing. It contains lists of short wave stations in frequency order, according to country, and English broadcasts according to time, schedules, addresses, names of station wheels, announcement quotations in both English and the foreign language concerned, music notes of the interval signals, etc. The regular price of the WRTH is over \$10.00, BUT... NASWA members can get a WRTH for 1977 for only \$8.45, postpaid. This is about the cheapest you will find. In any case, you get yours faster than others.

WRTH
\$8.45

ORDER YOURS TODAY! Send your check or money order for \$8.45 to NASWA/WRTH at the NASWA HQ address. NASWA is taking orders NOW. Sign up, won't you? The WRTH will be mailed as soon as they arrive in the U.S.A. near end of January 1977.

PARTRIDGE ANTENNA SYSTEM is called the JOYSTICK and JOYMATCH. The Joystick is a 7'6" element screwed together from three pieces. It is wired with traps to resonate for popular short wave broadcast bands. One merely stands the element up against a non-metal wall or extends it out his open window and shut the window on it. The Joymatch is a unit through which the antenna lead goes on to the receiver. The Joy-match is much like an antenna tuner which resonates the antenna rod. Non-electrical, non-technical, set up in minutes. Available for \$69.90 U.S., airmail from England. Write for a brochure. Partridge Electronics, LTD, Broadstairs, CT10 1LD, Kent, United Kingdom. Tell them NASWA sent you.

COMMENTS OUT OF CONTEXT...

Albert E. Brmley, Toronto... "I belong to two other clubs, and NASWA is No. 1."
 Alex Primm, St. Louis..... "It is a pleasure to renew. My 10th year!"
 Curne Chadwick, Omaha..... "You guys are the salt of the Earth; how do you do it?"
 Paul Mayo, Newport News..... "A benevolent dictatorship!"
 Ross Taylor, Montreal..... "Within 10 hours of receiving the August FRENEX, I logged 7 new stations and 3 new countries."
 Charlie Loudenboomer..... "Is Glenn Hauser for real?"

NASWA SURVEY: THE RESULTS! by Kim Andrew Elliott

The computers have finally churned out the tabulated results of the questionnaires many of you filled out a few months ago. Total return was 753 (75.3%). This project was partially supported by a grant from the University of Minnesota Computer Center. All of the data below are copyright 1976 by Kim Andrew Elliott and may not be reproduced further without permission. Many thanks to all who have cooperated in this project.

1. Who or what first got you started in shortwave listening?

186 (25.0%) A friend or other person
 82 (11.0%) A feature in an electronics magazine
 23 (3.1%) A feature in some other type of magazine or newspaper
 237 (31.9%) A shortwave radio in the family
 65 (8.7%) An advertisement for a shortwave radio
 151 (20.3%) Other

2. On the average, how many hours per week do you spend listening to shortwave broadcasts?

91 (12.2%) 2 or less
 233 (31.2%) 3 to 6
 202 (27.1%) 7 to 10
 106 (14.2%) 11 to 14
 43 (5.8%) 15 to 18
 71 (9.5%) 19 or more

3. How much time do you spend on shortwave listening relative to other pastimes?

223 (30.1%) Much more
 181 (24.4%) Slightly more
 134 (18.1%) About the same
 118 (15.9%) Slightly less
 85 (11.5%) Much less

4. How much of your shortwave broadcast listening time is spent on DXing vs. program listening?

32 (4.4%) 100% DX, 0% program listening
 205 (28.0%) 80% DX, 20% program listening
 190 (25.9%) 60% DX, 40% program listening
 137 (18.7%) 40% DX, 60% program listening
 150 (20.5%) 20% DX, 80% program listening
 18 (2.5%) 0% DX, 100% program listening

5. What are your other radio hobby activities?

311 (42.3%) Medium wave DXing
 138 (18.8%) Utility DXing
 84 (11.4%) Amateur operator
 185 (25.1%) Amateur DXing or listening
 86 (11.7%) TV FM DXing
 140 (19.0%) Citizens Band
 137 (18.6%) VHF UHF monitors
 55 (7.5%) Others
 159 (21.6%) None of the above

6. Do you receive NASWA's mid-monthly DX Hotline?

420 (57.3%) No
 312 (41.4%) Yes

7. Which of these major U.S. radio clubs are you a member of?

108 (14.6%) American SWL's Club
 40 (5.4%) International Radio Club of America
 56 (7.6%) National Radio Club
 78 (10.5%) Newark News Radio Club
 156 (21.1%) SPEEDX
 21 (2.8%) Worldwide TV-FM DX Association
 451 (60.9%) None of the above

8. How much have you spent on equipment used for shortwave broadcast listening?

83 (11.2%) Less than \$150
 200 (27.1%) \$150-\$300
 179 (24.2%) \$300-\$500
 175 (23.7%) \$500-\$1000
 102 (13.8%) More than \$1000

What is your opinion of the following features of shortwave broadcasts?

10. World news

556 (75.3%) There is enough
 115 (15.6%) There should be more
 45 (6.1%) There should be less
 22 (3.0%) No opinion

11. News about the station's country

299 (40.6%) There is enough
 389 (52.8%) There should be more
 23 (3.1%) There should be less
 26 (3.5%) No opinion

12. Political comment

300 (40.8%) There is enough
 97 (13.1%) There should be more
 277 (37.7%) There should be less
 62 (8.4%) No opinion

13. Talks about industry, economics, science, agriculture, technology

365 (49.5%) There is enough
 245 (33.2%) There should be more
 75 (10.2%) There should be less
 52 (7.1%) No opinion

14. Popular music

314 (42.6%) There is enough
 160 (21.7%) There should be more
 216 (29.3%) There should be less
 47 (6.4%) No opinion

15. Folk music of the station's country

191 (25.8%) There is enough
 470 (63.5%) There should be more
 34 (4.6%) There should be less
 45 (6.1%) No opinion

16. Classical music
 306 (41.5%) There is enough
 169 (22.9%) There should be more
 152 (20.6%) There should be less
 111 (15.0%) No opinion
17. Talks about lifestyles in the station's country
 208 (28.3%) There is enough
 476 (64.7%) There should be more
 21 (2.9%) There should be less
 31 (4.2%) No opinion
18. Humor/comedy
 253 (34.2%) There is enough
 293 (38.9%) There should be more
 91 (12.3%) There should be less
 103 (13.9%) No opinion
19. Music request programs
 333 (45.1%) There is enough
 140 (18.9%) There should be more
 156 (21.2%) There should be less
 110 (14.9%) No opinion
20. Question and answer programs
 285 (38.8%) There is enough
 302 (41.1%) There should be more
 52 (7.1%) There should be less
 96 (13.1%) No opinion
21. Programs for DXers
 188 (25.5%) There is enough
 504 (68.3%) There should be more
 23 (3.1%) There should be less
 23 (3.1%) No opinion
24. Do you prefer the block-program format or the magazine format for English-language broadcasts to North America?
 278 (37.8%) Block program format
 312 (41.4%) Magazine format
 146 (19.8%) No opinion
25. Do you listen at least once a week to foreign language shortwave broadcasts?
 451 (61.8%) No
 279 (38.2%) Yes
27. Do you listen at least once a month to programs for DXers?
 294 (41.1%) No
 420 (58.7%) Yes
28. What is your favorite DX program?
 212 (51.5%) Netherlands
 88 (21.4%) Ecuador HCJB
 35 (8.5%) Australia
 21 (5.1%) Great Britain
 17 (4.1%) Sweden
 15 (3.6%) Switzerland
 6 (1.5%) South Africa
 2 (.5%) Turkey
 16 (3.9%) Others
29. Do you ever discuss the contents of shortwave broadcasts with others?
 108 (14.6%) No
 627 (84.7%) Yes
30. With whom do you discuss the contents of shortwave broadcasts?
 250 (35.1%) Other shortwave listeners
 431 (60.5%) Family
 487 (68.5%) Friends
31. How often do you discuss the contents of shortwave broadcasts with others?
 282 (44.1%) Once a week or more
 252 (39.4%) 1, 2, or 3 times a month
 106 (16.6%) Less than once a month
32. When you discuss the contents of shortwave broadcasts with others, how do they usually respond?
 530 (83.3%) They are usually interested
 104 (16.4%) They are usually not interested
129. What is your age?
 4 (.5%) 12 or under
 104 (13.9%) 13-17
 133 (17.8%) 18-24
 189 (25.3%) 25-34
 112 (15.0%) 35-44
 76 (10.2%) 45-54
 67 (9.0%) 55-64
 60 (8.0%) 65 or above
130. Sex
 726 (97.3%) Male
 17 (2.3%) Female
131. What is your occupation?
 90 (12.5%) Blue collar
 98 (13.6%) White collar
 68 (9.5%) Professional
 36 (4.8%) Other self employed
 70 (9.7%) Engineer/technician
 43 (6.0%) Government/military
 43 (6.0%) Educator
 199 (27.7%) Student
 71 (9.9%) Retired
132. If you are a student, what is your grade level?
 12 (5.0%) 8th or below
 109 (45.8%) 9th thru 12th
 10 (4.2%) Vocational/trade school
 70 (29.4%) Undergraduate college
 36 (15.1%) Graduate college
133. If a student, what is your major?
 66 (33.0%) Engineering/applied science
 23 (11.5%) Natural science or premed
 25 (12.5%) Social sciences
 9 (4.5%) Humanities
 5 (2.5%) Fine arts
 19 (9.5%) Business
 10 (5.0%) Law or prelaw
 40 (20.0%) Other
 3 (1.5%) None
134. If you have completed your formal education, what is the highest level attained?
 9 (1.7%) Grade school
 115 (21.9%) High school
 138 (26.2%) Some college
 129 (26.2%) Baccalaureate degree
 133 (25.2%) Graduate degree

135. In which region do you live?

- 285 (38.7%) Northeast
- 158 (21.5%) North Central
- 23 (3.1%) Northwest
- 122 (16.6%) Southeast
- 68 (9.2%) South Central
- 77 (10.5%) Southwest
- 3 (.4%) Other

Below is a rank ordering of how often these countries are listened to by the survey respondents. The question asking "how often do you listen to the English-language programs of the international shortwave station in each of these countries?" was scored as follows:

- Once a week or more - 6 pts.
 - 1, 2, or 3 times a month - 5 pts.
 - Less than once a month - 4 pts.
 - I have heard the station but almost never listen - 3 pts.
 - I have tried but have never heard the station - 2 pts.
 - I have never tried to pick up the station - 1 pt.
- The mean of the score for each country is listed on the left. Also, in parentheses, is the mean for the reception question, scored as follows:
- Reception is usually adequate - 4 pts.
 - Reception is sometimes adequate - 3 pts.
 - Reception is seldom or never adequate - 2 pts.
 - I have never tried to pick up the station - 1 pt.

- 1. Great Britain 5.330 (3.963)
- 2. Netherlands 5.194 (3.927)
- 3. Canada RCI 5.004 (3.951)
- 4. Australia 4.829 (3.686)
- 5/6. Ecuador HCJB 4.686 (3.918)
- 5/6. South Africa 4.686 (3.782)

- 7. USSR Moscow 4.398 (3.792)
- 8. Switzerland 4.297 (3.485)
- 9. Germany West 4.186 (3.613)
- 10. Spain 4.047 (3.509)
- 11. Netherlands Antilles TWR 3.985 (3.660)
- 12. Czechoslovakia 3.947 (3.328)
- 13. Sweden 3.932 (3.104)
- 14. Israel 3.924 (3.216)
- 15. Cuba 3.886 (3.840)
- 16. Egypt 3.883 (3.197)
- 17. France 3.880 (3.267)
- 18. Japan 3.880 (3.267)
- 19. China Peking 3.815 (3.178)
- 20. Argentina 3.575 (3.123)
- 21. Italy 3.478 (3.068)
- 22. Portugal 3.469 (3.099)
- 23. Hungary 3.423 (2.978)
- 24. USSR Kiev 3.400 (3.117)
- 25. Albania 3.392 (3.255)
- 26. Austria 3.387 (2.742)
- 27. Vatican 3.382 (3.092)
- 28. Norway 3.376 (2.764)
- 29. Bulgaria 3.298 (2.987)
- 30. Turkey 3.251 (2.686)
- 31. Finland 3.237 (2.599)
- 32. Germany East 3.118 (2.712)
- 33. Belgium 3.104 (2.574)
- 34. Romania 3.102 (2.801)
- 35. Brazil 3.054 (2.747)
- 36. Haiti 4VEH 2.999 (2.723)
- 37. Venezuela 2.884 (2.559)
- 38. Ghana 2.829 (2.402)
- 39. Chile 2.817 (2.488)
- 40. USSR Vilnius 2.748 (2.497)
- 41. Poland 2.685 (2.243)
- 42. Lebanon 2.419 (1.991)
- 43/44. China Taiwan 2.375 (1.935)
- 43/44. Greece 2.375 (1.959)
- 45. Korea South 2.316 (1.887)
- 46. Korea North 2.254 (1.880)
- 47. USSR Yerevan 2.175 (1.896)
- 48. Thailand 1.856 (1.566)

INTERPRETATION OF THE RESULTS The results of the questionnaire have yielded a wealth of information about the U.S. shortwave listener who belongs to a "hobby" organization such as NASWA. Probably the most interesting and revealing question is the fourth one, asking how much time is spent on DXing vs. program listening. The outcome on this one shows that NASWA members tend to spend more time DXing -- but not much more time. Arithmetically, the "average" NASWA associate spends 53.8% of his/her time DXing and 46.2% listening to program content. //Also of interest is the even breakdown of amounts of money spent on shortwave listening equipment (question 8); here is more proof that we are not a hobby limited to the very wealthy. //The question about the various types of shortwave programs shows that DX programs are the most desired, followed by talks about lifestyles, folk music, and home news. Political comment is the least popular, followed by popular music. //Congratulations to Radio Nederland's DX Jukebox for being the hands-down favorite DX program, and to the BBC for winning NASWA's version of the Nielson Ratings. But notice the obvious relationship between ability to hear the station and how often the stations are heard. //Question 129 shows that NASWA spans the generations, and question 134 indicates that we are a very well educated group. But, alas, question 130 gives us the bad news that females are very poorly represented in our organization -- something will have to be done about that! //NASWA associates may feel free to quote excerpts of these results provided NASWA and the author are acknowledged. The above summary is a mere digest of a large amount of information provided by the computer readout (using a program of the Statistical Package for the Social Sciences (SPSS)). Further analyses, such as cross-tabulations, will be made, and the results will be shared with FRENDEX readers as space permits. A complete description of the results of the NASWA Survey will be contained in an upcoming NASWA Special Publication. To be sure, all results will be distributed to shortwave broadcasters and manufacturers. Questions about this project may be directed to Kim Andrew Elliott, 317 Folwell Hall, University of Minnesota, Minneapolis MN 55455.

Listener's



• Editor: Glenn Hauser, WUOT, U-Tenn.,
232 C&E Bldg., Knoxville, TN 37916

Notebook

Art By Diane S. Levesque

PROPER CREDIT

Other clubs and broadcasters may use material from LN provided due credit is rendered to the original reporter and NASWA. BBC Monitoring Service items are copyright and may not be further reproduced without permission. that this section will be cut for lack of space this time! (gh)

DON'T YOU BELIEVE...

...that 'old style' IRCs will no longer be redeemable after 31 December 1976. The USPO, responding to UPU inquiries prompted by complaints from amateur radio DXers has announced they will be accepted. (PO letter in the West Coast DX bulletin, via QG, August, via NU 30/10) ...that SBC's "Swiss chronometer" always gives the exact time. 26/9 on 6045 they pipped at 0433 and called it 0430. No tape on hand for delayed starts, I guess (gh) ...R. Australia's TC for 2211 GMT heard at 2011 GMT 14/11 on 9540; Rdif. Nacional-Colombia's assertion 12/11 at 1229 GMT that the time in El Salvador was 9:26; heard on 9682. (gh) ...those time pips on RTVE's Nam svc on 6065/11880--17/9 pips for 0300 were a full minute earlier than BBC's accurate ones (Richard Wood) ...the pronunciations of proper names by the new generation of BBCWS announcers. Since hiring standards were relaxed, standards of phonetic mastery of foreign names have slumped. Ex.: E. German Party Secretary Honecker mispronounced as "Hock-ener", a flubbed initial consonant in the Welsh Llandudno, mispronunciation of the Polish forest Katyn and the name of Maltese opposition leader Borg Olivier. ...that BBC behaves with British gentleness toward the established frequency usages of others. BBC-Montserrat hogged the long-established Vatican frequency, 5995 (Richard Wood) ...that Radio RSA's Wednesday program on the Transkei isn't significant, though BECMS pointedly omitted it (gh) ...that R. Nederland's Dutch program is always in Dutch. They had an English music dedication 16/11 at 0416 on 6165; ...that stations which overpromote the ISWC popularity poll don't unfairly influence the outcome (gh) ...that RFE doesn't broadcast in English, or German. During the listed Polish program 12/11 at 1323 on 21665, "The Music Studio of RFE brings you a selection of popular tunes" and the same announcement in German (gh) ...that Radio Moscow ever broadcasts in Russian, as sometimes reported. If it's in Russian from the USSR, it's some other 'station' (gh) ...that the "Revolution Centrafricaine" ID from Bangui is anything new, as BBC WRC 13/10 implied (gh) ...that Ulan Bator has any plans at this stage for establishment of a service for Australia (ADXX 10/76) ... that F.M. King (Oct LN-9) is the first to show a link between planetary alignment and sunspots. Research on this goes back to 1954. John R. Gribbin and Stephen H. Plageman discuss this in some detail in their 1974 book "The Jupiter Effect". They predict the next sunspot maximum will be in early 1982, when all nine planets are aligned on the same side of the sun. (Adam Gaffin, NY) ...that reception problems in Europe for RCI have been 'largely solved' thanks to its telex hookup with official monitoring stations...that Mt. Logan, YT, is 'about 6000 km high', as claimed by RCI 16/8 1945 on 15325 (Richard Wood) ...that 2340 kHz is the first harmonic of 1170 as stated by Jan Tuner on DX Juke Box 13/8; should be 2nd harmonic--1170 is the first; ...that North Americans must 'get up very early in the morning' to hear "Good Morning Africa" at 0256-0426Z as announced on Radio RSA 7/8 (John Wegener, IL) ...that 'freak reception' is responsible for Springbok Radio being heard 'thousands of miles away', as Arthur & June asserted 13/6 at 2301 on Radio RSA (Dave Walcutt, IL) ...that QSLing is useless. It helps keep gh supplied with skeds (Tom Overcamp, SC) Yes, but stations should send out skeds upon request, with or without a reception report (gh) ...that SPEEDX is a radio station, despite being accorded that status by ARDXC for the weekly tape on DX Party Line (gh) ...that BECMS doesn't reprint some skeds published by Eastern European stations, though they never admit that haven't compiled them only from monitoring. ...that the high error rate of BECMS items from Latin America is their fault; they get it from FBIS, and assume it's correct (gh) ...frequencies reported by FBIS. Despite their Collins equipment's facility for 100 Hz readout, they only note the announced frequency or that listed in WRTVH. Even 5-10 kHz deviations are not deemed noteworthy; I visited the FBIS set-up in Paraguay some two months back; a nice family atmosphere but little of the organisation which exists at BECMS. They seemingly have only one monitor for cruising the bands, and he only works till 2400 GMT. I had about ten Bolivians he didn't know existed. I was quite surprised, considering the difference in equipment--he with the latest Collins and a massive dipole beamed on Peru/Bolivia, and I with my XCR-30 and a short length of wire. However, delayed publication of the station lists is not the fault of FBIS; they usually have it ready on time, but the US Government Printing Office has such a backlog they cannot cope with it (Tony Jones, Paraguay) ...that the FRG-7 tunes only 500 kHz-29.9 MHz; nine covers 300 kHz to 31.0 MHz (gh)

IN MY OPINION

Vern Nicholson, Toronto ON: "I hate the date order month/day/year. Why does the US have to use it when the rest of the world does it day/month/year, which is much more logical?" #I agree completely; however the switch to d/m/y last month led several to beg reversion unless LRs adopt it too (gh)

Tom Overcamp, SC: "UKOGBANI Forever!" #Others hate it with equal passion (gh)

Mike Sackheim, AR: "I've got enough problems without trying to figure out if editor is serious... it is hard to believe that your printer can have that many serious inking problems, that regularly...my immediate reaction to LN is clutter, unbelievable clutter!"

G.V.H. Orth, TX: "LN, SWC and QSO/NASWA are communicative, professionally presented, and complement each other in a manner unusual to find in any specialized periodicals other than FRENDX, to which I have subscribed off and on for about 50 years. Without these three appealing and very informative sections I feel that FRENDX would degenerate into a statistical format interesting only to the hard-line DXer instead of those of us who use SWL for learning more about other people and have fun doing it."

Robert G. Wiles, WY: "GH reports the wrong time and stations most of the time...I get schedules every month from 200 countries and they are 100% more accurate than when gh reports them in LN!!!! GH should own four of the world's BEST RECEIVERS, if he is to give accurate REPORTING EVERY MONTH. I plan to buy a Sony CHF320 for \$1,600 and will get better results than GH!!!!" #this space intentionally left blank: (gh)

Dan Stauner: "The one thing I find most inadequate is the lack of good critical commentary on programs. Simply reporting that a given program is on the air is for me, not enough"

Brandon Lovett, OH: "Would like to see more background info, such as the Peruvian item excerpted from Numero Uno. Also some other interesting info could be taken from NU when there is room, as the majority of us can't get in, hi!" #I cannot comply (gh)

Charles A. Taylor, IN: "SWling or SW DXing should not be widely promoted to the public; otherwise, a truly decent hobby which is still a refuge of the unique individual may go the same route as the plasticine, mass marketed pastimes of our people. Direct your attention to CB and professional sports, two examples of what can and will happen, if SW becomes a mass activity." #of course, with few exceptions, SW programming is already geared to the LCD(gh)

Jim Conrad, IA: "The powers that be at RNZ were sooo apologetic when they came back on the air with a simple relay of station "2YA". Apologize, hell! Some of the best programming on SW comes from SW outlets relaying domestic stations. For classical music buffs both the CBC NS and RNZ provide weekly programs, both quite well done. When will these people finally realize that not all SWL's/DXers are total news freaks? Although I make my living as a newscaster, enough is enough!! I personally much prefer hearing a domestic service SW xmtx simply due to the varied programming available. Another dandy domestic is Perth-9610. I wish SWL's/DXers would tell a station what they really think of a broadcaster's programming, and not worry so much about whether their honest opinion will lessen their chances of a verification... If they don't like it, that's just too bad!"

Stanley Leinwoll, NY: "The IFRB is a paper mill of meaningless numbers."

Bob Padula, Victoria: "Your comments on QSL collecting (Aug LN-10) border on dogmatic and unyielding criticism of this traditional component of DXing. If ARDXC sees fit to establish QSL standards to encourage members in acquiring QSLs, then sarcasm and ridicule expressed in LN is not at all warranted." #I condensed the foregoing, I hope justly (gh)

PUBLICATIONS

Deutsche Welle Technik. The best booklet of its kind I've ever seen, free, contains many interesting photos so even tho it's entirely in German, it's well worth writing for to: DW Hochfrequenztechnik, Postfach 100444 5000 Köln 1 (Dave Walcutt, IL) Over 100 pages; learned that Kigali's rx is at Gasogi (gh)

International Broadcasting: A New Dimension of Western Diplomacy, by David M. Atshire, is the latest of "The Washington Papers" published by the Center for Strategic and International Studies at Georgetown Univ. Atshire is the Chairman of the Board for International Broadcasting, the federal entity serving as liaison between RFE/RL and Congress. This deals with western broadcasts to the USSR and eastern Europe, and domestic services there. It's a good source for those interested in the politics of international broadcasting, but I would not recommend it for those seeking technical information. The 90-page booklet is available for \$3.00 from Sage Publications, 275 S Beverly Drive, Beverly Hills CA 90212. Specify publication no. 480035 and include title and author. (Kim Andrew Elliott, MN)

Communications World, Fall-Winter 1976 is on newstands \$1.35. As usual Don Jensen's communications section is well done and most useful to the DXer at large. Included are sections on SW stations by frequency and English broadcasts to NA by time. (Ed Insinger, NJ) I wonder if, for the last, Don's prime data source is the same as Richard Wood's? (gh)

INTRUDER WATCH

THE PULSER is getting wide press attention, per clippings received via Gaffin, Potter, Irvine, Odlin and Mackes, at least, including a false alarm that they had ceased. The most discouraging thing is that SWLs and DXers are nowhere referred to as users of SW--just hams, two-way outfits, etc. It would seem that the SWL apathy has reached a new low--as the FCC apparently has received no or few complaints from them. A Washington Star piece by Stephen M Aug was reprinted widely. IARU QRM coordinator Colin Thomas thinks there are three xmtxs involved. The extremely wideband signal pulses 10 times a second, on freqs ranging from 6 to 28 MHz; they are 30 to 300 kHz wide and may last for 30 seconds to a half hour. Soviet Embassy played dumb. MORE:

(MORE FULSER) David Mackes, MD, says it's undoubtedly over-the-horizon high-frequency radar, using pulse compression--a wideband pulse is transmitted and is compressed in the receiver to make the pulse seem much greater in amplitude. Most likely it is being chirped, with linear FM the modulation method. David forwards a copy of an article in the 8/11 Aviation Week and Space Technology, p. 19, which speculates that the pulse may be too slow for Doppler shift techniques, to detect high-speed targets, and may only be useful for slow-moving targets, such as detecting surface shipping in the North Atlantic.

HARMONICS

I do not intend for this to be a regular LN section, as harmonics ought to be treated just like any other DX. However, I (unless otherwise specified) have logged a lot of them since this month's LR deadline, on my new FRG-7. The signals are there, even above 24 MHz on good days and anyone who can tune the frequencies with a sensitive receiver should also hear them. (gh) Many other times are possible:

24360 4x6095 likely, 13/11 1720 bits of talk, prob. LV Centro. Espinal, Colombia.
 24329.8 4x6082.45 PERU R. Nacional 13/11 1705-1820, 20/11. Fund chex exactly 17/11 0342.
 24310.5 4x5077.6 ? HONDURAS? 21/11 1415, SIO 131, distorted like 18226; fundamental varies?
 24024 4x6006 CCSTA RICA R. Relej, a regular on 12012 also shows here, and I bet on x6--36036 when prop permits: 13/11 1704, SINPO 15221

23850 2x11925 PORTUGAL RDP Sunday sports 14/11 1533; very strong on // 21700; vy weak here
 23630 2x11815 ASCENSION BECWS, 14/11 1804-1855, SINPO 15322
 23540 2x11770 ASCENSION BECWS to Africa, 13/11 1650 past 1700; SINPO 15221, fund, poor too
 19860.0 4x4965 COLOMBIA R. Santa Fé, a common station becomes a DX catch here; 13/11 1445-1545, SIO 253. 19583x 21/11 1425, EST zone; 1800; 4x4895 Citara likely
 19480.0 2x9740 PORTUGAL REP // 21700, 14/11 1609, SIO 151; inaudible on fundamental
 19328 4x4832 CCSTA RICA R. Relej, 20/11 1305, not audible on 4832 or previously hrd 9664, but // 6006; SIO 151. 19100 CUBA RHC 2x9550, 21/11 1453, SIO 251

18345.6 3x6115.2 COLOMBIA LV del Llano, 13/11 1800 Villavicencio news in Spanish.
 18315 3x6105 MEXICO Mérida reliable, 13/11 1550 requests, 1800, etc.
 18226.2 3x6075.4 HONDURAS LV del Junco, 17/11 1257 ID, "la frecuencia de oro"; distorted
 14835 3x4945 COLOMBIA R. Colosal, first SWCB logging on my new rx, 11/11 2053 ID, not yet audible on fund., the Abidjan-4940 was in and not on 14820

12370 2x6185 UNID, weakmx 15/11 0430, not //HCJB 6185; 12380-Bonaire, 12320-Col. also in
 12370 2x6185 USA VOA-Dixon, English news 12/11 1504
 12330 2x6165 UNID Weak mx 15/11 0456 not //RN-6165 despite its huge fund. sig!
 12320 2x6160 COLOMBIA Em. Nueva Granada, 16/11 2158 end "Arriba la Tarde" interview pgm. ID and for RCN; nice signal here the mese-buried on 6160; frequently since

3100 2x1550 COLOMBIA R. Quince, consistent; also distorted spur on 1710, 0330 7/11(SWNS)
 2960 2x1480 USA unid with American Contemporary nx 17/11 0354; rock mx
 2950 2x1475 HAITI LV du Peuple, 19/11 0000-0020, tropical mx, Creole; SINPO 14221
 2900 2x1450 USA WMIQ. Iron Mountain MI, 24/10 thru 26/10, IDed first at 2320 (SWNS)
 2840 2x1420 VENEZUELA R. Visión, Maracaibo (ex listed Noti-radio Marabina), 14/11 2300-0600 and later, tropical mx, US-style jingles, Navy-MARS QRM net 0000. (gh)
 Hrd almost nightly as far north as Canada until 0355* (SWNS)

2580.6 2x1290.3 COLOMBIA R. Pipatón, still there and can be strong; 12/11 0429 Todelaremoté
 And from FE DX Review, 27/9, Seichi Hosono, Tokyo reports these heard during past one year:
 10222v 2x5111v V. of Burmese People 14610 2x7305 V. of Mal. Rev. 20020v 2x10010v V. Viet.
 12070v 2x6035v V. of Thai People 14750 2x7375 V. of Vietnam 20080v 2x10040v V. Viet.
 12140 2x6070 R. Thailand 18105v 3x6035v V. of Thai Peo. 20120v 2x10060v V. Viet.
 12340 2x6170 PBS(Philippines) 18846v 2x9423v V. of Thai Peo. 20448v 2x10224v V. Viet.
 12350 2x6175 V. of Malaysia 18915v 3x6305v V. Burm. People 21915 3x7305 VofMal Rev
 12610v 2x6305v V. of Burmese People 19440 4x4860 V. of Vietnam 32250 5x6450 V of Vietnam

LA SLOGANS

Compiled from questionnaires for the WRTVH76 by Tor-Henrik Eklblom; this is not to be taken as correct as far as frequencies and activity

DOM. REP. R. Comercial 4882; 'la emisora del pueblo' GUATEMALA: R. Maya 2360/3325, servir a dios y la patria; R. Chortís 3380 la más cultural del oriente. HONDURAS LVCA 5972 los monarcos del espacio. NICARAGUA R Circuito 2230 su mundo musical. PANAMA LV Panamá 9605 decana de la radio panameña. BOLIVIA: R. Alfonso Padilla 3496 una voz al servicio de las provincias chuquisaqueñas; Rdif. Abaroa 4738 voz de Riberalta; REm. Bol. 4755 primera emisora campesina del país; R. Santa Ana 4885 la voz del Yacuma; R. Norte 4938 la voz de las provincias del norte de Santa Cruz. CHILE R Univ. Concepción 6135 la emisora de la octava región de Chile COLOMBIA: R. Sutatenza 5075/5095 la potencia del pueblo colombiano; R. Visión 6105 más depozitiva; R. Bucaramanga 4845 primera emisora del oriente colombiano; R. Neiva 4855 imperio radial del sur; Reina de Colombia 4755 voz del Santuario Mariano Nacional. PARAGUAY R. Charit-as 6110 paz y bien para todos los hogares; R. Asunción 11850 la voz del Paraguay; PERU R Trujillo 6165 la voz del norte del Perú; R. La Hora 9730 la emisora de la juventud; R. Tacna 9503 la voz austral del Perú; R. 1550 4800 la nueva voz del centro; R. Quillabamba 5025 la voz tropical del sur-oriente peruano; R. Madre de Dios 4951 la primera emisora del suroriente peruano. URUGUAY R. Sarandí 9515/11885 primera en comunicación; R. Oriental 11735 la emisor que avanza y no descansa; R. Monte Carlo 6140 la super radio; La Radio 6030 la próxima primera; Cañelones en el Éter 4975 primera emisora del departamento. VENEZUELA: we'll get in another time. Of course, some of these may no longer be in use. (gh)

PROGRAMS

CANADA Why did RCI go from an hour to half an hour programs? Program Director Alan Yates (sp?) explains that half an hour is about the limit of the typical attention span, and of reception reliability in areas other than the USA; this allows better use of transmitters, and reduces the linguistic isolation among its staff --for instance, eastern European personnel can now pool their talent, since one language to that area now follows another. Also it allows better credibility, now that programs are clearly divided into two parts: hard information, and culture/entertainment (RCI 4/11 via gh) This is a lot of baloney; what they're really doing is reducing production costs (gh) Stamp program followers, N.B. RCI's in Russian, noted Sun 14/11 at 1615 on 17820 (gh) The Royal Canadian Air Force is now on Sats at 1630-1700 via NS on 9625 11720; an anmt said Dr Bundolo's Pandemonium Medicine Show is on Tues at 0104...but I'm not sure this is on SW... try the CBC MW outlets on 740, 940, etc.. and at later hours further west on 990 540 1010(gh)

DOMINICAN REPUBLIC As of 25/10 Radio Clarin has an international service in English Mon-Fri at 2330-2355. A clearly understood, professional but casual announcer is a highlight of the broadcast, along with excellent program material and music, including the native merengues. Reports are encouraged. I'm impressed with this. I could name a few stations who've been broadcasting in English for a number of years that can't even come close to R. Clarin. It's the best thing to come along in a long time. (Robert Butterfield, MA) "This is Santo Domingo" is very tourist oriented. On 10/30 the announcer was giving hotel room rates, and it was heard on a Saturday too (Mark Bixby, CA) R. Clarin is now providing the Dominican government all those propaganda and PR services provided in the past by R. Caribe and Radio-TV Dominicana (SWNS) Host is Rudy Espinal, who also greets listeners in Dutch (gh) 11700/4850

ECUADOR HCJB's "Passport" pgm has been changed to 0145-0215 on 6095/9560/11915 (Insinger NJ)

HOLLAND R. Nederland has a new "European Sound" program featuring music from a different country each week, heard among other times GMT Sats at 0247-0318 on 6165 (Tom Overcamp, SC)

HUNGARY Just how far will an atheistic state go into Christmas programming? R. Budapest has reserved 25/12 0200-0230 for a Season Special--to bring the sound and feel of the Hungarian Christmas into your home. (gh)

ISRAEL "Ulpan of the Air" Hebrew-by-Radio began mid-Nov, Mondays to Eu, Thurs to NAM (IBA Mailbag pgn 31/10 via Wegener IL) Yes, only about 5 minutes but free texts required (gh)

"Ulpan" I believe is not a Hebrew word! I think it's Aramaic for 'school' (M. Fine, Israel)

ITALY Listen to RAI's NAM svc and note the contrast between what the announcer says and the way she says it. Her placid lackluster manner of reading belies the left-wing ideology permeating the material, quite explicitly at times. I think that some attention to RAI might be in order after all! (Dave Walcott, IL who includes a clipping about commie inroads in RAI)

NEW ZEALAND Among RNZ regular features: All Things Considered, no time Mon-Fri; Appointment with John Gordon--music and song for the more mature in years, Mon-Fri 0300; Roundabout at 0400; magazine of music, unusual events, interviews: Countrywide, on farming, no time; Evening Showcase, daily 0630; music, stories, plays, news, vernaculars (via Mac Leonhardt)

RUMANIA R. Bucharest, remarkably objective news tho at lickety-split pace, and best Euro signal too when noted on 5990 at 2100 (gh)

UK (OGHANI) BBC Letterbox 9/10 said WS would begin in January a 6-week series, Comedy Playhouse--each instalment a sample program from a new comedy series. Listeners' response will be called for. By the way, Letterbox is a very amusing program too (Kim Elliott, MI) As usual, BBCWS plans lots of special programming for the "Christmas Three Days" 25-27/12 (gh)

USA WYFR's Open Forum Sun 12/12 0200-0230 on 6155 discusses "On the last day, what happens to those who are dead?"; and on The 28/12 at 0305, "When did God create the different races?"

USSR R. Moscow 19/10 said the new NAM svc would have news and commentaries at 2230 and every hour on the hour, and Moscow Review /on the half hour? gh/ All feature programs would be on the air on the same day of the week, altho there would be changes in times (BBCWS 28/10) ??

DX PROGRAMS

USSR R. Moscow has an interesting DX program in French every 2nd Sunday at 1820-1845 on 9640; next will be 24/10 (Tony Legendre, Chatoau-Thierry, France, SCDX 12/10) Assume means alternate weeks (gh) Per Gertrudis Flodrova of R. Moscú's Spanish section, one can join a "Sección de los DXistas" by sending in 6 reports within 6 months to Sección 6 (Adam Gaffin, NY)

SWAZILAND The TWR DX Special is now broadcast from this site too, Sats 0500-0515 on 4790 and 9590, repeated at 1700 on 4790. But on the 3rd Sat of each month, South African DXers will take part on a rotational basis; the latter may also be carried from Bonaire. I will be one of those participating (Colin Miller, Discovery, Tval, S Africa. via SCDX 26/10)

SPAIN A couple months ago I explained to RTVE that their English DX program was damaging the image of Spain; as a result their terminology has improved slightly (gh)/la, SCDX 19/10)

SEYCHELLES (cf Nov LN-7) "DX Postbag" is on Sats, and 15325 adjusted to 15330 (Dias & Koru)

NETHERLANDS My North American DX Report in Spanish is scheduled to appear on Espacio DXista on the 2nd Friday of the month (and following GMT Saturday) from R. Nederland: (gh)

ECUADOR DX Party Line is also aired to Europe Mon/Thu/Sat at 1700-1730 on 15310 11885 (DX Party Line 9/11 via Wegener, IL) No longer find them at 2000 tho (gh)

COLOMBIA Ecos del Combelma, 4875 has a special daily pgn at 0500-0600 with Argentinian music and names of DXers who have sent in reception reports (Rainer Birkle, W Germany, SCDX)

CANADA RCI Alo DX on new sked noted Sun 7/11 1819 on 9620, 2048 on 15325, i.a. (gh) V LN-8

BELGIUM Since 12/11 DX ORU from RTB /in French?/ will be aired weekly Fris 1900 9725/11805 (Georges Cany, Nantes, France, SCDX 12/10)

BRAZIL V. LN-6 **AUSTRIA** V. LN-6

GRABBAG

ZAIRE The Voice of Zaire complex was scheduled to open 24/11, per the State Commissioner for National Guidance, quoted by Kinshasa radio; earlier AZAP reports said these five transmitters for radio and TV would be at Mangobo Centre, in Kisangani (BBCMS 11/11) Unknown if SW included (gh)

VIETNAM Here is the complete VOV ES sked (BBCMS 10/76)
 1501Z: 12-13 Jap, 14 $\frac{1}{2}$ -15 $\frac{1}{2}$ Jap, 16 $\frac{1}{2}$ -17 Rus, 17-18 Viet, 18-19 Eng, 19-20 $\frac{1}{2}$ Fr, 20 $\frac{1}{2}$ -21 $\frac{1}{2}$ Eng. 12035: 00-01 Cant, 01-02 Fr, 02-02 $\frac{1}{2}$ Sp, 03 $\frac{1}{2}$ -04 StdCh, 04-04 $\frac{1}{2}$ Rus, 04 $\frac{1}{2}$ -05 Cant, 05-05 $\frac{1}{2}$ Thai, 09-09 $\frac{1}{2}$ Eng, 09 $\frac{1}{2}$ -10 Malay, 10-10 $\frac{1}{2}$ Eng, 10 $\frac{1}{2}$ -11 Indo, 11-12 StdCh, 12-13 Jap, 13-14 Fr, 14-14 $\frac{1}{2}$ StdCh, 14 $\frac{1}{2}$ -15 $\frac{1}{2}$ Jap, 15 $\frac{1}{2}$ -16 Eng, 16 $\frac{1}{2}$ -17 Rus, 21 $\frac{1}{2}$ -22 Rus, 22-23 Jap, 23-24 StdCh. 10040: 00-01 Malay, 01/11 as 12035; 11-11 $\frac{1}{2}$ Sp, 11 $\frac{1}{2}$ -12 Thai, 13-14 $\frac{1}{2}$ as 12035, 15 $\frac{1}{2}$ /17 as 12035, 17-21 $\frac{1}{2}$ as 1501Z; 21 $\frac{1}{2}$ -23 as 12035, 23-23 $\frac{1}{2}$ StdCh, 23 $\frac{1}{2}$ -24 Thai. 9840: 00-01 Cant, 01-01 $\frac{1}{2}$ Camb, 01 $\frac{1}{2}$ -03 $\frac{1}{2}$ not Sun, dictation Viet; 03 $\frac{1}{2}$ -04 Camb, 04-05 Lao, 09-09 $\frac{1}{2}$ Camb, 09 $\frac{1}{2}$ -11 Lao, 11-12 Std Ch, 12-13 Indo, 13-13 $\frac{1}{2}$ Cant, 13 $\frac{1}{2}$ -14 Camb, 14-14 $\frac{1}{2}$ Lao, 14 $\frac{1}{2}$ -15 Cant, 15-16 Lao, 16-16 $\frac{1}{2}$ Thai, 22-22 $\frac{1}{2}$ Camb, 22 $\frac{1}{2}$ -23 Lao, 23-24 StdCh. 751Z: 00/24 as 9840. 7470: 00/12 as 10040; 14-16 as 10040, 23-23 $\frac{1}{2}$ StdCh. 4860: 00/24 as 751Z. I challenge anybody to give it all in lesspace!

TOGO QSL gives this Lama-Kara sked: W. on 3222 0545-0830, 1830-2230; on 6155 1200-1430; in French and 2 vernaculars (Peter Bunn, Australia, via RA DX 10/10)

THAILAND Dusit Siriwan, Minister to the PM's Office said in an 2/11 press conference that the PM had entrusted him to improve the efficiency of the PR Dept, by raising the xmtx power of the Dept's stns to cover all the country without 'any blind spots'. This was to be completed within 30 days. And programs were to be reorganized now (BBCMS 4/11) Come on, now(gh)

SWITZERLAND SBC D76 changes: 2300-0130 SAm 9625 ex-15305; 07-0930 9560 ex-9590; 11950 ex-11775; 1315-1515 eAs 9735 11745 11870 ex 21520 11775 17830 (R. Australia DX 31/10)

SUDAN "The National Unity Broadcasting Service from Omdurman" runs 1528-2100 on 6150/5038, displacing the 1530-1830 Southern Provinces Programme; and the external service in Arabic for expatriates has been retimed to 2100-2150 (BBCMS 28/10)

SRI LANKA VOA D76 w/kw: all to SAs 9670 35 1245-1800 11935 35 1300-1800 (via Leonard 7110 10 1245-1800 7110 10 0045-0330 11740 35 0045-0330 15185 35 0045-0330 Kay, NY)

SOMALI REP. R. Mogadishu's ES on 9585: Eng 1100-1130; Ital 1130-1200; Fren 1200-1230, Afar 1230-1330, Amharic 1430-1530, Galla 1530-1630. The 9585 xmtx joins the domestic service at 1930. Arabic and Swahili as in Nov LN-3 except 1430-1530 is also on 6095 (BBCMS 21/10)(BBCMS

SA'UDI ARABIA Jiddah HS in Arabic on 9670 0300-0805, 0930-2300, no break on Fri; relays 10/ Riyad news 04, 06, 08, 11 $\frac{1}{2}$, 14, 15 $\frac{1}{2}$, 18, 20, 22 $\frac{1}{2}$; and completely relays Riyad 1645-2300. 76; Riyad HS: 17855 07 $\frac{1}{2}$ -10 11870 05-07 9720 03-23 7235 05-08 $\frac{1}{2}$ 7110 1550-23 6085 05-08 $\frac{1}{2}$ 21590 10-17 11950 03-23 9730 17-23 9580 08 $\frac{1}{2}$ -16 7220 03-23 6130 16-23 5970 03-10

RFSFR ASIATIC N/m Svc since 21/10: 15140 Vladivostok 22 $\frac{1}{2}$ -03 (to 7130 at 0330)
 6020 Khabarovsk 22 $\frac{1}{2}$ -07 $\frac{1}{2}$ 9635 Khabarovsk 22 $\frac{1}{2}$ -07 $\frac{1}{2}$
 6030 Nikolayevsk 03 $\frac{1}{2}$ -07 $\frac{1}{2}$ 9735 Nikolayevsk 02-07 $\frac{1}{2}$ 15180 Petropavlovsk 22 $\frac{1}{2}$ -01 (to 11860 at 0130)
 6070 Petropavlovsk 05-07 $\frac{1}{2}$ 9780 Petropavlovsk 00 $\frac{1}{2}$ -04 $\frac{1}{2}$ (to 11860 at 0130)
 6150 Blagoveshchensk 03 $\frac{1}{2}$ -07 $\frac{1}{2}$ (to 6070 at 0500) 15455 Petropavlovsk 22 $\frac{1}{2}$ -03 (to 6185 at 0330)
 6185 Petropavlovsk 03 $\frac{1}{2}$ -07 $\frac{1}{2}$ 11860 Petropavlovsk 01 $\frac{1}{2}$ -03 $\frac{1}{2}$
 7130 Vladivostok 03 $\frac{1}{2}$ -07 $\frac{1}{2}$ (to 7175 at 0400) 17720 Petropavlovsk 22 $\frac{1}{2}$ -24 (to 9780 at 0030)
 7175 Petropavlovsk 04-07 $\frac{1}{2}$ 12050 Petropavlovsk 22 $\frac{1}{2}$ -02 (to 9580 at 0230)
 9580 Petropavlovsk 02 $\frac{1}{2}$ -07 $\frac{1}{2}$ 6030 not heard before 0430;
 6150 earliest heard 0335. New foreign service setup includes Kiev Ukrainian at 2200-2300, Vilnius Russian (Lithuanian? gh) 2300-2330, with English Sat/Sun, 2330-0030 Rodina, 0030-0100 Kiev English, 0100-0130 Vilnius Russian (Lith? gh) with English Sun/Mon; on 11690 at 2300-0130, 15100 at 2200-0130. They appear to be relayed from 9610 and 9800 from some European site. Kamchatka radio is also moved, now on 7160 7260 9780 at 1700-2030; 12050 at 1630-2130 (Bill Davis, CA) On 16/10, the Pacific Ocean Radio Station said as from 21/10 it would also broadcast in Russian on Tuesdays, so now daily exc. Mon/Thu, 0700-0800, repeated at 1430-1530 and 1930-2030 (previously 1900-2000) (BBCMS 11/11)

RHODESIA REC as from 6/10 General Service on 6020/5012/3396/2425; (Sundays from 0500)
 0355-0445 120/90m 0600-0615 90/60m 0800-1400 49/60m 1530-1545 60/90m 1700-close 90/120m
 0445-0500 90m 0615-0800 60m 1400-1530 60m 1545-1700 90m (WRTH: 2200*: Sun 2100)
 And the African Service on 5975/4828/3306/2336 (Sundays from 0500); (WRTH: 2015*: Sat 2200)
 0325-0445 120/90m 0545-0615 90/60m 0800-1400 49/60m 1515-1545 60/90m 1700-close 90/120m
 0445-0545 90m 0615-0800 60m 1400-1515 60m 1545-1700 90m (Brian Legg, Salisbury)

PORTUGAL RDP's Spanish at 0200 is specifically to Venezuela, on 11875 (BBCMS 21/10) I hear an SSB feeder on 10905.0, Sun 14/11 at 1521 // 21700 with Programa I (gh)

PERU La Cronica has a standby xmtx on 6520 with 1 kw, My guide at El Sol said postal worker arrested recently for stealing contents of letters. Most stns said they failed to get many reports, leading me to believe much mail not getting through (Alan Roth, visiting Lima, NU)

PARAGUAY ZPA15, LV de Amambay, in Pedro Juan Caballero now 24h sked on 5995 (Tony Jones)

PAPUA NEW GUINEA An UNID stn with gospel heard on 4005 at 0750-0824* (Lynneberg, NZ, Gushen)

NIGERIA S76 THFBS shows reg. for Jaii 9750 10kw 0400-2200, 0733 $\frac{1}{2}$ /1045N (Padula, ADXN 10/76)

Songs must hit right note

By Agence France-Presse

KINSHASA. — Zaire now has an official song censor to "safeguard public order and morality."

"Any new record will need official approval before it can be publicly sold or broadcast."

For the last two years an unofficial censor has existed in the form of the national company of editors, composers and artistic workers (Soneca).

Musicians complained that Soneca systematically refused to allow any songs with a love theme to be broadcast. Which is why nearly all Zairese songs are about death, water and birds, they said.

(St. Louis Globe Democrat, 13/11 via Dave Walcutt, IL)

NEW ZEALAND RNZ Vernacular pgms are more extensive than ever; durations not given. Sun 0430 Maori, 0455 Maori news; Mon 0455 Samoan, 0600 Music of the Pacific, 0730 Cook Is. Maori Tue: 0455 Maori, 0730 Tongan; Wed 0730 Maori; Thu 0455 Cook Is Maori, 0612 Tangata Atumoto, 0730 Nluean; Fri 0455 Maori, 0730 Samoan & Tokelauan (RNZ via Tony King via Mac Leonhardt)

MOZAMBIQUE R. Mozambique 15/11 0356 anthem, 0400 Port rx, ex-4755 on 4245.2 (gh)

MONTSERRAT Putting pieces together, it appears that xmtrs being installed are one 50kw to be shared by DW and BEC, and one 15kw for DW use. Projected composite sked for the 50kw is: 2000-2115 6055 (instead of 9600) BEC, 2130-0105 *9590 DW; 0130-0150 9590 DW, 0215-0415 6040 BBC Sp., 0530-0550 *5960 DW, 0600-0950 6145 DW, 1000-1035 5995 DW, 1100-1330 6020 (instead of 1190) BEC. for 15 kw: 0400-0515 *9545, 0530-0550 9760, 0600-0950 *9690, 1000-1130 9590 1200-1220, 1300-1320 both 11970. *indicates // antenna on same freq--wonder why they think 15 kw on beam will be better than 250kw off beam! (Roger Legge, Va) Maybe it's either-or rather than simultaneous, allowing for 250kw outages (gh) 0130-0150 on 9590 is 15kw; 1000-1130 on 9590 is 50kw (WRVH Newsletter via Jim Young, CA, via Larry Magne, PA)

LAOS National R, Vientiane, 6130 hrd 1100-1530*, ex-1430* (Isao Ugusa, Japan) Savannakhet sked on 7385, in Laotian: 2300-0200, 0400-0600, 1000-1430. Relays Vientiane 0000-0030, 0400-0500, 0530-0600, 1200-1300, 1400-1430 at least (BECMS 9/76) NCNA reports inauguration of a new station at Muongseai, Oudomsai Province, built with Chinese aid (BECMS 11/11) freq?

KAZAKH SSR R. Moscow via Alma Ata 15210 1200-1300* in S As langs (Legge, Va)

JAPAN YOA-Okinawa D76 w/KW: (Leonard Kay, NY) 7165 35 1045-1500 NEAs 7265 100 1400-1600 Ch. 6010 15 1100-1500 NEAs/7160 35 2215-2300 NEAs:7255 100 0945-1400 China 9560 100 2145-0030 Ch. 6075 35 2115-2200 NEAs 7165 35 1045-1500 Phil 7255 35 2145-0030 China 21490 15 2300-0130 SEMs

ITALY RAI Esperanto currently 2275/9710/11800 Sun only 2000-2020, unper WRVH76 (Wood, NY)

ISRAEL I visited IBA. It turns out Ben Dalfen is a Canadian engineer with considerable experience in private Canadian radio. He denied an LR mention that our Reshet "A" was being relayed on SW, but only "Galei Kal", the light network. Idelle Ross, who handles feature assignments is an MSU grad, former employee of WKAR East Lansing. Sara Manobla, section chief is a somewhat harried Englishwoman with a BEC overseas service background (Michael Fine)

Tnx to Alan Troster and Jon Cohen, who copied IBA sked, but we must save the space and invite you to copy the latest version yourself over IBA Mon 2255 or Thu 2025 (gh) Try 7412½

ICELAND Reykjavik R. 12175 kHz regularly 1000 past 2000, but seldom any program relay, usually just ute with IDs in A3 (Terry L. Krüger, FL) But has been reported SWBC 1200-1300-g

GUINEA Conakry reactivated 4910, all night 2300-0600, French, Afr langs (Richard Wood, NY)

GERMANY WEST Herr Berner of SDR says their pgms are rebroadcast Tuesday thru Wed (local, I presume, as heard Thu GMT), over SWF 7265 facility. He says it's for all German regionals, and letters concerning it should go to SWF. (Terry L. Krüger, FL) Information about times and frequencies used by Kigall etc. are not published: (DW HF Technik, with compliments, to Walcutt, who adds:) DW seems only slightly more accessible than Radio Moscow as far as obtaining site info. I cannot imagine why they want to operate Kigall as a pseudo-clandestine operation: Do you have any comprehensive guide to DW's xmt sites? #only what the BECMS publishes once a year, not often enough to keep up with changes (gh)

GEORGIAN SSR R. Moscow via Tbilisi 7185, hrd 2300-0100* Spanish to SAM (Legge, Va)

FRANCE RFI's NAm svc in French airs at 1200-1710 on 17780/15440/15265; 17780 best (John Wegener, IL) Would it kill them to put the English hour on these for us at 1700-1800? (gh)

ECUADOR HCJB D76, times approx read from graph, not incl some changes, not yet traced:
6050 1100-0400 N/S 9540/9605 18-19 039 9715 1100-1230 324 11845 15-2130 042 15165 15-17 042
6070 0900-1100 1559/9560 0040-07 345/324 9745 0330-04 140 11895 22-0030 140 15310 15-18 039
6075 0830-0900 335 9585 1900-2130 039 0700-1045 225 11910 11-1230 150 15375 22-0030
1130-1230 335 9620 0230-0530 039 9760 0530-08½ 038 11-1500 330 140
6095 0040-0700 335 9635 1630-2130 040/ 9765 1100-15 140 11915 0030-07 347 (HCJB via Mac
6130 0530-0830 042 2200-0030/155 11745 1215-1645 347 05-0930 227 Leonhardt, IN)
0830-1545 225 9680 0830-0900 324 11835 0230-0430 039 11960 21½-02½ 150 (of LN-7 -gh)
6185 0400-0530 040 0900-1100 140 11840 1030-1100 039 15115 13-00½ 150/345

CHILE R Colo Colo, 4885 says it's not on SW and never will be and won't QSL (Luis del Valle, Chile, via Jan Tunér, DX Juke Box 12/11)

CUBA RHC on 12250 at 1350; can anyone explain how xmtrs on 11865 and 11760 (strongest, but also heard on 9550 15230 17705 17750) would produce spur here on Colo Colo's freq? Or how the FRG-7 might produce a receiver image there? (gh)

COLOMBIA On 24/10 RHC announced that the 0000 and 1600 newscasts would be rebroadcast over Circuito Todelar, Bogotá; these have not been confirmed (BECMS 4/11) See HARMONICS, LN-3

CHINA We have the Peking HS and broadcasts to Taiwan skeds as of 10/76 via BECMS, no spec.

BRAZIL The RNB silence 3-15/10 was so old xmt center, dating back to '58, could be phased out for new center. RNB was to increase MW power, so whole site had to be shut down for safety. RNB's English DX pgm airs Fris approx 2114-2126 on 15245; weekly, but 5/11 pgm was repeat of previous week; mostly club news and such (John Wegener, IL)

BOLIVIA A new stn in Rurrenabaque, Beni was to be commissioned 18/11, on 5020 kHz, per R. Fides (BECMS 4/11) R. Mamoré, 4604v, now often to 0300 (Mon GMT 0200) who still occasionally 0200*; R. Riberalta wobbling on 4673 25,26/10 after short spell on 4663, ex 4701. R. Batallón Topáter on 4980 ex-4860, mid-Oct, but QRM Torbes, Juan XXIII 4979; R. Paitif 4425 not hrd for couple weeks, maybe purely temporary (Tony Jones, Paraguay, 25/10)

AUSTRIA R. Austria expanded Spanish to 45 min: 1400-1445 6155 9770 11750 ; 2210-2255 7170 11855 15435; 0100-0145 11870; 0300-0345 9650; and DX pgm every Wed (ORF via RAE DX 20/11)

ANTIGUA BBC relay hrd since 7/11 on new 9560 2200-0015 Port to Brazil; 6055 0030-0415 Span to LAm (Legge, VA) I doubt 9765 was ever Antigua, as planned, but remained Ascension (gh). BBC #2 xmtz is projected at 0500-0730 on 9510 to WNA; 1100-1330 11790 NAm; 2000-2115 9600 SAm, pgr IFRB (Legge) DW's first xmtz hrd since 1/11 close to sked in Nov LN-1, but 1300-1320 is in German, not publicized English; 0230-0350 Span on 9640 stead 11765; 0600-0950 Ger on 9690 stead 6100 (Legge) Last messng up RAE's 0600 English (gh) DW #2 xmtz sked to operate, when ready, 2200-0150 9680 German; 0200-0550 6085 German /I note German site, not Canada, is holding freq tho not in sked -gh/, 0600-0950 6100 Ger, 1000-1130 6100 Sp, 1200-1220/1300-1320/1330-1350 11810 German (DW sked via Legge) 9690/9640 changes also via Heckenlively.

ANGOLA On 14/10 RNA broadcast an order by the Info Ministry stating that the employees of the former 'Voz de Angola' stn, who had been suspended and subjected to investigation, had been reinstated. Investigations had shown that 'those employees who were involved with colonialism had already left the country or had been purged'. (BECMS 21/10)

AFGHANISTAN R Afghanistan's 1000-1030 Arabic to ME on 15390, ex-15195 (BECMS 21/10)

BROADCASTS IN ENGLISH

ANTIGUA DW 0530-0550 is on 5960, not 6065 as in Nov LN-8 (Wegener, IL) A last-minute change also noted here; in return, CBC NS moved off 5960 completely. For 6065 (gh) Keith Edwards, BBC SEBX in asking for reports on WRC said that 6175 at 0200-0430 is Antigua to NAm; yet DX-ers have reported the switch being announced still at 0430 (WRC 3/11 via gh) Another frequency for 0530-0550 was 6095, given in Thiele's sked on RAE DX 4/11, but doubt used (gh)

ARMENIAN SSR R P&P via Yerevan 11890 hrd 1300-1330 to SAs; severe VOA Sp QRM (Legge, VA)

ASCENSION BECWS on new 11815 to ME/Af/Eu, 1745-2030, is a nice clear freq in NAm too, un-difficultizing reception here in the 1830-2000 period. Try it! (gh)

AZERBAIJAN SSR R Moscow via Baku, 21490 hrd 1330-1400 to Af (Roger Legge, VA)

BYELORUSSIAN SSR R Moscow via Minsk, 11745, hrd 1130-1230 to Britain (Legge, VA)

CAMBODIA Democratic Cambodian R, Phnom-Penh in English at 1225-1245 and 1425-; and in Fren at 1405-1413 on 10/11, on 4908, but only in Cambodian on following days (Isao Ugusa, 12/11) Tentatively resuming contact with outside world? (gh)

CHINA A hand-corrected R. Peking sked arrived, new freqs underlined:
 0000-0100 9940 11945 ~~15060~~ 11675 0300-0400 7120 9460 9780 11650 12055 ~~15060~~
 0100-0200 7060 7120 9780 9940 11945 ~~12055~~ ~~15060~~ 0400-0500 9460 11650 12055 9940-also @ 0300
 0200-0300 7060 9940 12055 ~~15060~~ 1200-1300 11685 (Tom Overcamp, SC, 15/11)

DOMINICAN REPUBLIC R. Clarin now regular at 2330 on 4850/11700; see LN-4 (gh)

ECUADOR HCJB on unlisted 11790 1510, much weaker than // 11745, seems ex-11845, cf LN-6(gh)

ENGLAND BECWS feeder on RGSSB 14/11 1625 was 15849.1; if ISB, nothing on other one (gh)

FINLAND (Cf Nov LN-6) R. Finland sked last month was an early version; a later one shows 6105 at 0330 stead 6120, but not hrd on 6105; angle on 11755 at 1430 300°; 1900-1930, on 9720 stead 9550. The 300° beam is on Atlanta; (Knoxville is 301°); 305° on Memphis (gh)

FRANCE RFI "Paris Calling Africa" D76 1704-1756 hrd on 9715 11705 11890 11930 15425, dropping most good 19m channels, and not hrd at all on 16 or 13m (gh)

HUNGARY Hard to believe strength or validity of R. Budapest 1430-1500 to Af on 21525. Supposedly only 15kw, nondirectional, but barrels in here (Perry Ferrell, NJ, NU 30/10)

JAPAN R. Japan D76 to NAm 2345-0045 on new 11800 and 9525, finally! (Jim Conrad, IA) And at 0130, 11840 ex-17725 (SPEEDX 11/76, p. 35) On 17825 11725 15195 11960 (SPEEDX 11/76 p. 37)

KOREA SOUTH (Cf Nov LN-6) R. Korea ambiguous sked: (NHK 10/10) 1330 9640 Eu 2000 7240 Eu 0200 11860 NAm 0600 9730 NAm 0600 9640 ?? 1000 9525 ?? 1600 9580 NAm 2300 7150 Gen'l 0300 11860 ?? 0600 9675 ?? 1000 9675 SAm 1130 9665 Eu 1800 9525 NAm (via Walcutt, IL) At 1800, apparently dropped 11860 in favor of 9725 (Jim Conrad, IA, 1/11)

KUWAIT RK 0600-0700 on 17750 ex-15345 (Greenwood, Victoria, via RA DX 31/10 via Conrad)

MONTERRAT V. LN-6 **MOZAMBIQUE** V. LN-8

NEW ZEALAND RNZ D76, to Pac 1800-1950 9770; 2000-0430 15130; 0440-0715 9540. Other xmtz: 1800-0050 11960; 0100-0600 11705; 0610-close 11780. to Australia 0730-1030 6105; if extended after 1030, 6015. In English except as shown on LN-6 (RNZ via Tony King, Mac Leonhardt)

POLAND Polish Radio, D76/M77 to NAm in English/Polish: 0200-0400 on 15275/15120/11800/11815/11840/11955/9675/9540/9525/7285/7270/7145/7125/6155/6135/6095/5995. Perhaps one or two channels are clearly audible in NAm?? (Ed Insigner, NJ) Nope; you sure they using all of those, or did you just list all the freqs on the meter bands given? (gh) **RHODESIA** see LN-5

SOMALI REP. see LN-5, and D.Y.B. Nov LN-6, BECMS sig (gh) / 2056-2150 Waf/Eu 11900 11800 9585

SOUTH AFRICA Radio RSA D76 1300-1450 C/Eaf 11900 7270
 0256-0425 Eaf 9585 7270 5980 (Sat/Sun -1550) 2226-2320 NAm 11900 11800 9585
 0611-0705 Waf 17780 15220 11900 1300-1456 C/Eaf 21535 5980 or 4875
 1056-1158 C/Eaf 21535 11900 15220 (RSA Calling via Allan Troster, 1300-1456 C/Eaf 15220 1556-1650 Eaf/ME 21535 11900 7270 ON, and gh)

SRI LANKA SLBC to Eu on 7190/9720/11800, last ex-15120, 1900-2008; reception in ENAm on all 3 surprisingly good (Richard Wood, NY, 25/10) Other Eng times: Channel 1 Mon-Fri 1330-1730 4968, Sa/Su 0430-0730 6005, 1230-1730 4968; Ch. 2 0030-0300, 1130(Sa/Su 1030)-1730 4940; 0300-0330 (Sa/Su to 0430), 0730-0930(Sa/Su 1030) 6130. All Asia svc: 0030-0230 6005/9720/15425, 0230-0430 9720/15425, 1230-1730 7190/9720/15425; SAs 1030-1130 11835/15120/17850 (WRTVH NL via ADXN 10/76) **Advertiser World Radio** uses SLBC including English: Su 0330-0400 9720/15425; Su 1345-1400, 1430-1445 7190/9720/15425; Fri 1330-1400 same; Sat 1330-1345 same. Also in Kannada, Telugu, Malayalam, Urdu, Tamil, Hindi, Marathi; report to Lisbon (ADXN Oct)

(MORE ENGLISH) SUDAN "The National Unity Broadcasting Service from Omdurman" has English news at 1630-1645, on 6150 and 5038 (BBCMS 28/10)

SWEDEN R. Sweden's new 1100-1130 beam to Au/NZ on 15305 is silent on Mondays for transmitter maintenance (as is 1130 Swedish on 11735); not so 9630 17770 21690 (D76 sked via gh)

TADZHIK SSR R Moscow via Dushanbe 7135, hrd 2100-2230 to Britain (Roger Legge, VA)

USA WWV now giving K-indices at :18 as well as solar flux, A-indices, changed 4 times daily and regular geo-alert info now updated at 0018 ex-0418. To reduce operating costs, WWV proposes dropping 2.5, 20 and 25 MHz as of 1/2/77. Comments requested to: Time & Frequency Services Section, NBS, Boulder, CO 80302 (John Wegener, IL) Big deal! Those three freqs are marginal anyway (Jim Conrad, IA) no, they're not!: 2.5 is vital for the closest radius around Boulder, especially on long winter nights when 5 'skips out': 20 and 25 are handy calibration markers and propagation pilots. Protest! (gh)

USSR Cf LN-5 for FE sked, including English. Here are the announced frequencies on R. Moscow Nam svc, an approximation of reality, with last 5 kHz added where appropriate by gh: *2230: 17720/15455/15180/15140/12050/7440/7355/7205/7115/6125/5940. 2300: add 7105 0000: drop 17720, add 9780. 0100: drop 15180, add 11860/6070. 0200: drop 12050. 0230: drop 15455/15140/11860/9780/7105. (next day 0230 anmt was given at 0300 and said was continuing on 7440/7355/7205/7115/6125/6070/5940); to 0400* when gives 2230 freqs. R. Vilnius (English on weekends) now 2300-2330 on 7150/7215/7245/7400/9610/11690/15100: 0100-0130 on 7150/7215/9610/11690/15100. (Robert Heckenlively, SD. 26/10) VIETNAM See LN-5

FUTURE PLANS

USA WWV planning another cutback; see above.

SAUDI ARABIA At the Islamic Thought Conference in Riyad 31/10 it was recommended that radio & TV pgms be purged of trends offending Islamic values and that Islamic broadcasts should be strengthened and the power of transmitters increased to achieve worldwide coverage (BBCMS 4/11) Which they have already at the present power (gh)

NORWAY The Telecomms. Authorities and NRK have agreed to build two SW stns at Kvitsøy, outside Stavanger, and at Sveilo, 50km N of Kvitsøy. Former to be shared with MW site, target 1979; Sveilo probably by 1983. Approval by Parliament considered formality (Reidar Bø, SCDX)

GUAM TWR Agaña, 100 kW, will operate on 11710, 0900-1400 to China, 1400-1500 to Sns, per IFRB registrations (Roger Legge, VA) Plans to begin in January or February 1977, on two 100 kW xtrs, in Mandarin, Cantonese, Vietnamese, Japanese, Cambodian, Laotian, Malay, Russian, English (Gerry Bishop, PA, quoting 5/10 letter from TWR)

HONG KONG HK operates a substantial PR office in the USA. I've written to their San Francisco main office, suggesting they reactivate the defunct SW xmttr if they have a mind of dough to spend on tourist promotion. Manager has relayed the request to HK (R.W. Perry, NU)

GILBERT ISLANDS See November mid-month DX Hotline (gh)

GABON On 2/10 R. Libreville said a new SW stn at Mayabi-Franceville will be completed 3/77, to contain 4 x 500 kw xtrs, "La Voix du Gabon" beamed to LAm, FE, Eu, USSR, Oceania. Will be built with technical aid from France; also reported in "Jeune Afrique" 15/10 (Bernard Chenal, Mulhouse, France, SCDX 19/10) Gabon has a few more people than Nevada (gh)

ECUADOR It is hoped that the 500kw HCJB xmttr being built in Elkhart IN, will be delivered in about a year, and maybe testing and on the air by end of 1977 (HCJB 17/10)

COLOMBIA Em, Kennedy, 4775, will run 5 kW shortly, per notation on Hoogerheide's QSL (John Tuchscherer, WI, NU 30/10)

CLANDESTINE CRANNY

CUBA RHC has a 30-min pgm "Uruguay, un Pueblo en Lucha", Fri 0130, Sat 1330 (BBCMS 11/11) Hrd here too.

MALAYSIA VOMR since 11/11 familiar 11830 replaced by 2620, fighting with VOV-Ho Chi Minh City co-channel spilling each other. Applies to 0430, 1030, 1245 xmsn, and possibly for Eng 0930 and 1450; A5790 remains. No change at 2200, on 7305/15790 (Isao Ugusa, Japan, 12/11)

MOZAMBIQUE Maputo's English at 1800 announces as a 'war program', "The Voice of Zimbabwe" on 49, 60, 92m, from/for the Zimbabwe people's army (BBCMS 4/11, monitored 25/10)

SYRIA New "Voice of Arab Syria", anti-regime, attacks occupation of Lebanon, heard since 31/10 1800-1855 on 6120, in Arabic: "the voice of every Arab who wishes Syria to become the vanguard against Zionism" (BBCMS 4/11)

USA 5/11 0736 on 6100 I found the 6260 pirate, very good mod, SIO 433, Rolling Stones music

LEBANON V. of Leb, once cland, now has Beirut shop ads, 6580 06-09, 11-13, 15-20 (BlumenSCDX)

DX CALENDAR

December

16 Nepal Constitution Day
17 Brazil RCI Conquista, 24
18 Niger Republic Day
23 Brazil R Quitandinha, 26
Egypt: Victory Day
24 Burundi R Cordac, 13
Xmas Eve: LA's/AFs on late

25 Christmas
HCJB, 44, Ecuador
Haiti R Lumière, 18
Pak: Quaid-e-Azam birthday
26 China: Mao's Birthday
30 Philippines: Rizal Day
31 Philippines: Bata Flores
NY Eve: LA's/AFs on late

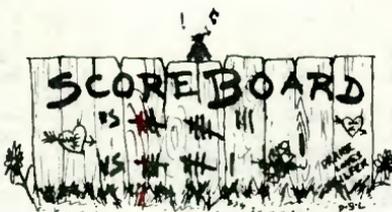
January

1 NY Day most everywhere

1 Sudan, Cameroon: Indep. Day
Haiti: Independence Day
Cuba: Liberation Day
Belize: Constitution Day
4 Burma: Independence Day
7 Dom. Rep: R. Cristal, 17
9 Philippines: Quiapo Fiesta
11 Chad: National Day
13 Togo: Liberation Day
(Zalm, BDXC; Sunspot; adapted)

LATE ITEMS: CUBA RHC English D76: NEU 2010-2140 17885; to N/C/SAm 2050-2150 17750//11865. (later badly mixed with RCI as previous seasons; won't they ever learn? -gh), 0100-0450 on 9685; 0100-0600 11725; 0330-0600 11760; 0630-0800 9525 (via Ed Insinger, NJ) 73 de Glenn

CANADA RCI has dropped Spanish "Dixismo en Marcha" after 3 years linking La Diers (SCDX 23/11)



• Editor: Myron Smith
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Reporter/Location	# Loc	# Yrs	C/H	C/V	S/H	S/V	North C/H	America C/V	Best QSL/Freq
1 Don Jensen, Wisc	1	29	222	218	---	---	25	25	VOA Courier Canal Zone
2 James Young, Calif	3	25	218	198	758	254	--	--	-----
3 Gerry Dexter, Wisc	-	--	217	214	1085	903	--	--	-----
4 Sam Barto, Conn	3	12	216	203	1225	851	--	--	-----
5 John Tuchscherer, Wisc	-	54	215	---	1093	---	25	--	CKFX 6080
6 John Campbell, Australia	3	6	214	196	---	388	22	19	R Trinidad 6085
7 Dan Henderson, MI	-	--	211	200	---	---	19	19	CKFX 6080
8 Richard Pistek, Ill	1	14	210	204	---	325	21	20	CKFX 6080
9 Bob Padula, Australia	1	12	210	202	---	---	--	--	-----
10 Edward Shaw, Ky	2	13	210	199	783	458	20	18	CKFX 6080
11 Bill Sparks, Calif	1	20	207	200	---	624	19	19	HOH31 Panama 9685
12 Al Sizer, Conn	1	8	207	199	853	320	20	19	CFVP 6030
13 David Potter, Fla	1	10	207	---	780	---	23	---	-----
14 Irving Johnson, Calif	1	4	206	65	---	---	19	6	Greenland 3999
15 Ralph Perry, Ill	-	--	205	197	---	---	--	--	-----
16 Ernie Behr, Ont	2	22	205	181	1015	305	22	19	Turk & Caicos 4788
17 Alan Mayer, Ill	1	17	205	172	694	303	19	17	CKFX 6080
18 Marlin Field, Mich	1	17	204	195	832	695	20	20	Em Casa Cultura, Mex
19 *Bob Hill, Calif	-	--	202	4	---	---	--	--	-----
20 *Al Niblack, Ind	-	--	200	130	---	---	--	--	-----
21 Alan Roth, NY	-	18	197	180	610	463	22	19	Barbados 5040
22 *Dan Robinson, Pa	-	--	195	144	---	---	--	--	-----
23 *Jim Hagen, Va	-	--	195	92	---	---	--	--	-----
24 Albert Garrou, Ill	3	11	190	144	332	178	--	--	-----
25 Victor Jaar, Que	2	12	190	4	---	---	21	1	Greenland 11745
26 Myron Smith, NY	1	12	189	150	---	236	21	18	Greenland 9575
27 Bill Whitacre, Mich	1	7	187	141	---	174	18	15	BBC Antigua
28 Al Miller, Ohio	1	6	181	159	451	207	18	16	CFVP 6030
29 John Moritz, Ohio	-	--	178	123	385	171	17	15	Turk & Caicos 4788
30 Tom Gavaras, Minn	1	6	175	136	309	222	--	--	-----
31 *Larry Yamron, Pa	-	--	173	139	---	---	--	--	-----
32 Edward Kusalik, Ont	-	--	172	138	238	177	--	--	-----
33 Rob Vokes, Tex	2	3	170	99	469	128	15	12	R Grenada 5015
34 Alan Laves, Tex	-	--	170	47	463	60	14	7	R Belize 3300
35 Hank Michalenka, RI	1	10	169	133	287	148	18	18	Turk & Caicos 4788
36 Joe DiLeo, Ct	1	7	167	144	470	309	18	17	-----
37 Larry Abraham, Mich	1	5	167	134	338	187	18	17	R Lux de Honduras 4890
38 John Fisher, Ont	1	5	167	125	398	194	18	16	R Mam, Guatemala 4825
39 *Steve d'Adolph, Tex	-	--	165	137	221	184	--	--	-----
40 Charles Wootten, Sardinia	3	4	165	133	418	300	14	14	Turk & Caicos 4788
41 John Sgrulletta, NY	1	18	164	161	---	---	--	--	-----
42 Charles Brunner, Pa	-	--	164	75	---	---	--	--	-----
43 Jim Zabransky, NJ	2	7	160	148	---	---	17	16	Greenland 9575
44 Jerry Lineback, Ill	1	8	156	93	307	115	17	12	Turk & Caicos 4788
45 Mike Ryan, Calif	-	--	153	153	---	---	--	--	RPC Panama 9685

Reporter/Location	# Loc	# Yrs	C/H	C/V	S/H	S/V	North America C/H C/V	Best QSL/Freq	
46 Richard Schwartz, Del	-	--	152	120	---	---	--	--	Turk & Caicos 4788
47 Bob McCoy, Nebr	1	4	149	81	386	94	15	10	R Belize 3300
48 Bryan Price, Ky	1	8	148	78	320	95	17	14	R Belize 3300
49 Hadley Cress, Va	1	3	147	6	---	---	17	1	Turk & Caicos 4788
50 John Herkimer, NY	1	7	146	118	---	---	18	18	Turk & Caicos 4788
51 Jack Troy, Va	1	4	145	37	---	---	---	---	-----
52 Kerryn Brandt, NY	1	--	142	92	---	---	---	---	-----
53 Martin Foltz, Mich	1	5	141	68	---	81	19	12	CKZN 6160
54 *Jerry Stuart, Okla	-	--	140	120	222	200	---	---	-----
55 Wade Smith, Mass	2	6	140	91	---	---	15	11	R Cultural, Guat 3300
56 Gerald Bishop, Pa	2	1	140	85	241	120	18	12	CKFX 6080
57 *Neal Kolb, Fla	-	--	137	74	286	---	---	---	-----
58 Jim Ronda, Ohio	1	5	136	92	---	---	16	12	CKZN 6160
59 Joey Nonnast, Tex	-	--	135	118	238	165	15	13	Greenland 3999
60 Henry Rockwood, Ohio	1	3	135	108	---	140	16	13	R Belize 3300
61 Bill Paschke, Wisc	1	9	133	79	286	101	13	12	R Swan, Honduras 6185
62 Mac Leonhardt, Ind	-	--	133	70	---	---	---	---	-----
63 *K L Greer, NC	-	--	130	80	---	---	---	---	-----
64 Michael Agner, NJ	2	4	129	73	296	76	---	---	-----
65 Neil Wolfish, Ont	1	1	126	78	240	109	15	11	R Grenada 15105
66 *Denny Driscoll, NC	-	--	125	112	---	---	---	---	-----
67 Bobby Hobbs, NC	1	5	125	82	235	155	---	---	-----
68 Allan Courtney, Ky	1	4	123	51	244	56	13	5	Turk & Caicos 4788
69 Tom Overcamp, SC	2	3	121	98	---	---	16	13	Turk & Caicos 4788
70 Greg Ravenhorst, Minn	1	5	121	93	176	126	---	---	R Yellowstone Nat Park
71 Charles Foxx Jr, Va	-	--	120	106	161	138	14	13	Turk & Caicos 4788
72 *Rick Charnes, NJ	-	--	120	93	---	---	---	---	-----
73 *Larry Nebron, Calif	-	--	120	61	---	---	---	---	-----
74 Mike Hardester, Calif	1	7	119	107	221	186	---	---	Turk & Caicos 4788
75 *Wendall Carrington, Tenn	-	--	118	57	---	---	---	---	-----
76 Dan McCarthy, Ind	-	--	115	95	145	125	15	14	R Swan 6000
77 *Carroll Patterson, Ga	-	--	114	102	315	158	---	---	-----
78 Jim Davis, Calif	-	4	113	67	218	82	---	---	-----
79 Robert Beaudoin, Conn	1	2	112	86	---	110	14	10	-----
80 Edward Pyatt, Pa	-	--	109	99	156	136	18	15	WIBS Grenada 9770
81 David Ball, Ont	1	5	109	98	185	127	13	12	TIPC Costa Rico 9645
82 Arthur Watson, BC	1	3	109	61	210	73	---	---	-----
83 Robert Koziomkowski, NY	-	--	108	55	135	80	14	6	Haiti
84 Philip Wala, Mich	1	5	107	88	204	130	14	13	R Belize 3300
85 Lauren Ware, Va	1	1	106	32	198	33	14	4	R Grenada 15105
86 *Henry Lazarus, La	-	--	103	91	286	202	---	---	-----
87 *Art Weaver, Neb	-	--	102	69	---	---	---	---	-----
88 *William Zuk, NY	-	--	102	64	---	---	---	---	-----
89 Keith Russell, Ill	2	4	100	69	144	71	15	9	Turk & Caicos 4788
90 Paul Dumire, Mo	1	1	97	53	148	63	---	---	-----
91 Mildred Marshall, ND	-	9	96	88	141	123	13	12	R Clarin 4850
92 David Heimke, Mich	-	--	96	68	---	---	---	---	-----
93 *Irving Kaufman, NY	-	--	95	56	123	85	---	---	-----
94 *John Kolb, Calif	-	--	94	84	---	---	---	---	-----
95 *Corky Webb, Tex	-	--	94	80	161	111	---	---	-----
96 Gary Biasini, Alta	1	1	91	39	---	---	11	4	HRVC 4820
97 *Jeff Berger, Tex	-	--	91	35	202	39	---	---	-----
98 *David Coursey, Tex	-	--	90	51	---	---	---	---	-----
99 Dave Twiggs, Conn	1	2	89	49	145	61	2	2	CKZN 6160
100 Jim Uerlings, Ore	3	7	89	8	145	8	10	1	-----
101 Andre Pineault, Que	1	3	88	64	134	77	---	---	R Grenada
102 Susan Wyllie, Mass	1	4	87	73	125	97	---	---	-----
103 Ted Muszynski, Conn	1	2	86	40	127	43	12	5	R Belize 3300
104 Troy Gover, Ill	1	2	85	75	93	82	14	10	Martinique 3315
105 Larry Talbot, Wisc	1	5	85	67	---	---	---	---	-----
106 Neil Schulman, NY	1	1	85	58	108	62	10	8	RTV Dominicana 9505
107 Kent Willis, Ky	1	1	84	36	154	38	---	---	-----
108 Ciro Guarducci, BC	1	4	82	73	169	112	---	---	-----
109 Tom Blossom, Ohio	4	15	81	72	95	79	13	11	R Progreso, Hond 4920
110 *Gary Culbertson, Mi	-	--	78	52	89	59	---	---	-----
111 *Pat Tobin, Pa	-	--	77	62	104	71	---	---	-----
112 Timothy Noonan, Wisc	1	2	77	59	157	84	---	---	-----
113 Arnold Lausevich, Wisc	-	--	77	56	---	---	---	---	-----

Reporter/Location	# Loc	# Yrs	C/H	C/V	S/H	S/V	North America		
							C/H	C/V	Best QSL/Freq
114 Richard Lucas Jr, NY	-	--	77	53	---	---	8	6	-----
115 *Donald King, Pa	-	--	75	67	114	92	--	--	-----
116 William Mann, Ont	1	5	75	65	82	70	--	--	-----
117 Jackie Cole, Colo	-	4	75	50	---	---	9	5	Dominican Rep
118 Bruce Schoenfeld, Conn	1	3	74	58	122	71	--	--	-----
119 Kevin Mikell, Ill	1	2	74	52	133	72	10	8	CFRX 6070
120 Peter Schipelliti, Mass	1	1	74	44	107	51	10	4	CKZN 6160
121 *Jim Ebrecht, Morocco	-	--	74	44	---	---	--	--	-----
122 Bruce Lavery, Ga	1	1	74	--	152	---	--	--	-----
123 *John Walenter, Ill	-	--	72	67	79	72	--	--	-----
124 *Greg Krause, Minn	-	--	72	57	96	62	--	--	-----
125 Werner Hoffman, Calif	1	1	72	--	101	---	10	--	-----
126 *Adam Gaffin, NY	-	--	71	49	132	59	--	--	-----
127 *Jerry Slaff, NY	-	--	65	58	90	76	--	--	-----
128 David Sarrazin, Colo	1	2	63	38	78	44	8	6	HRVC 4820
129 Larry Klasmac, Ill	1	1	61	50	76	61	5	2	R Cultural, Guat 3300
130 Robert Ward, NB	1	1	60	33	90	37	7	3	TWR Bonaire 11925
131 Wayne Grow, Pa	1	4	58	20	75	20	9	3	4VEH, Haiti 11835
132 Anton Dubrick, Ill	1	2	56	42	92	59	10	6	R Capital, Costa Rico
133 Michael Bolitho, Ont	1	1	53	37	60	42	12	9	TIFC, Costa Rico 9645
134 *Rex Wockner, Ill	-	--	48	47	69	65	--	--	-----
135 Joe Dias, Calif	1	3	46	37	59	45	--	--	-----
136 Lexington Smith, NY	-	--	49	20	---	---	--	--	-----
137 *Walt Sharp, NJ	-	--	38	26	48	30	--	--	-----
138 Thomas Kenny, NJ	1	2	37	16	49	18	5	4	CFCX 6005
139 Martin Alintuch, Mass	1	1	27	18	35	24	7	4	R Havana Cuba 11930
140 Ken DeLong, Pa	1	1	21	12	39	16	--	--	-----
141 Joe Ihnat Jr, Pa	1	1	20	17	25	19	--	--	-----

* denotes that your totals need updating

TOP 10

Countries Verified	Rank
1. Don Jensen	218
2. Gerry Dexter	214
3. Richard Pistek	204
4. Sam Barto	203
5. Bob Padula	202
6. Bill Sparks	200
Dan Henderson	200
8. Al Sizer	199
9. James Young	198
10. Ralph Perry	197

Top 10 North America

Heard	Rank	Verified	Rank
1. Don Jensen	25	1. Don Jensen	25
John Tuschcherer	25	2. Richard Pistek	26
3. David Potter	23	Marlin Field	20
4. John Campbell	22	4. John Campbell	19
Ernie Behr	22	Dan Henderson	19
Alan Roth	22	Bill Sparks	19
7. Richard Pistek	21	Al Sizer	19
Victor Jaar	21	Ernie Behr	19
Myron Smith	21	Alan Roth	19
10. Ed Shaw	20	10. 4 tied at 18	
Al Sizer	20		
Marlin Field	20		

Congratulations to Bill Sparks and Dan Henderson for reaching 200 countries verified, Bill Whitacre for the first QSL from BBC Antigua and Greg Ravenhorst for his NA best, Radio Yellowstone National Park with a power of 1/10 th of a Watt.

There were many inquiries about how to count stations. A station is defined as a transmitter location, so RCI and BBC programs from Sackville are considered the same station, but the various transmitter locations for VOA and Radio Moscow count as separate stations.

Incidentally, how many of you are interested in the number of stations? Is it a worthwhile statistic? Let me know your opinion on your next report.

I was also asked if I need counts for all continents each time. No, just for the spotlight continent, but it does help to have the other totals on file in case you miss a report. Remember that country lists are available in the back of "DXing According To NASMA" or from Short Wave Center Editor Jerry Lineback for a SASE. Using it will assist you in determining what countries are included in each continent.

Now that the new year is approaching, it is a good time to set your 1977 goals for countries heard and verified. Keep a scorecard on the wall of your shack and watch your progress.

Thanks for the support this time (67 reporters) and the kind words. Keep those cards and letters coming. NEXT DEADLINE IS FEBRUARY 15. SPOTLIGHT IS AFRICA. HAPPY HOLIDAYS

QSL



Report

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

The "summer doldrums" have finally arrived. We have only 88 countries this month but these include Sam Barto's BBC Relay QSL for Antigua and John Campbell's Andorra and Timor. Sam also QSLed La Voz de Melo in Uruguay while John reports a verie from Victorian Education Dept. Correspondence School. If you can pick up a 200 watt'er from Australia, you can get a free course. Some very nice Venezuelans round out the column. Let's go....

ADMIRALTY IS: R. Manus, 3905, letter in 1 month after f/up for mint stamps. V/s Peter Sohia, Assistant Station Manager. (Sparks-CA).

ALBANIA: R. Tirana, 6200, f/d "Revolutionaire" card w/freq as "49 mb" in 99 days for EE rpt and 1 IRC. (Schumann-FL).

R. Peking Relay, 7120, card, letter, sked, pin in 38 days for 1 IRC. (Rockwood-OH): 7120/9780, beautiful "Yao Mountains" card w/o time, RP pin in 6 weeks. Many "Peking Reviews" sent separately. (Overcamp-SC).

ANDORRA: R. Andorra, 6230, letter QSL direct in 1 month for rpt on Home Svc. Puts out EE prgm of "World Music Radio" on Sundays. (Campbell-AUST).

ANTIGUA: BBC Relay, 6195, "Thames" card w/"Antigua" typed on it in 3 weeks. (Barto-CT).

ARGENTINA: RAE, 11710, f/d card w/wrong date in 38 days for a postcard of Toronto. No rp. (Troster-ONT).

LOL, 15000, folded white card in 23 days by registered mail for SS rpt and 1 IRC. V/s Rolando E. Nawratil. (Krueger-FL).

ARMENIAN SSR: R. Yerevan, 15210, f/d slip of paper in 117 days, registered mail, for EE rpt. No rp. (Hardester-CA): 15110, f/d beautiful, slick 2" x 3" slip of paper w/olden-type script (excellent for mounting) in 59 days.

No rp. (Poppin-CA). I detect a note of facetiousness here, George. ed. ASCENSION IS: BBC Relay, 9580, no-data "Thames" card in 68 days for 1 IRC. (Glazzy-CA): 17840, same card w/site in 30 days. No rp. (Dubrick-IL).

ASIATIC RSFSR: R. Moscow via Omsk, 7320, f/d "Space Monument" card in 35 days. No rp. (Meehan-CT); f/d card in 37 days. No rp. (Gionet-NB). Via Vladivostok, 11960: via Petropavlovsk-Kamchatsky, 15210/9710: via Khabarovsk, 12050/15100, cards in 1 month. (Barto-CT). Via Khabarovsk, 15100, f/d "Moscow U" card in 51 days. No rp. (Cohen-NJ).

AUSTRALIA: R. Australia, 7215, "Parakeet" cd, sked, rpt form in 136 days. No rp. (Hardester-CA): 11780, "Blue Wren" cd and sked in 18 weeks. (Gain-LA)

5995, f/d "Parrot" cd in 68 days for rpt form. No rp. (Dubrick-IL): 9580, f/d "Parakeet" cd and sked in 6 months. No rp. (Camillo-NY); QSL in 150 days. No rp. (Davenport-TN); f/d "Blue Wren" cd, sked and calendar in 5 1/2 months. No rp. (Thunberg-PA).

VLW9-Perth, 9610, f/d blue "Map & Sked" card in 15 days for 1 IRC. (Camillo-NY).

VNG, 12000, f/d letter in 6 weeks. No rp. V/s P. Schleager. (Klassman-IL): 7500, f/d form letter in 59 days. No rp. (Schipelliti-MA); same in 1 month. No rp. (Krueger-FL).

Victorian Education Dept. Correspondence School, 5250, letter in 18 days from Manager J. Garry, E21, R.W. Mackay Building, RMIT, G.P.O. 2476V, Melbourne, Victoria 3000. Power 200 watts. Station data should be in the 1977 WRTVH. (Campbell-AUST).

AUSTRIA: ORF, 15435, gray QSL card and bumper sticker with "I'm in tune with Austria on Short Wave" on it in 30 days. No rp. (Beaudoin-CT); f/d silver card, car sticker, sked and publicity handout in 10 days for ORF rpt form. No rp. (Dubrick-IL): 6015, f/d "Laxenburg mit Franzenburg" card, sked and rpt form in 58 days. No rp. (Hoffman-PA).

AZERBAIJAN SSR: R. Moscow via Baku, 11920 (FF to Africa), f/d card in 36 days for FF rpt. No rp. (Gionet-NB).

BELGIUM: BRT4, 9725, cd, sked in 25 days. No rp. (Davenport-TN); f/d blue/

white ORU cd, pennant, 2 skeds in 32 days for flower seeds. (Schipelliti-MA); 9730, "Cartoon/Map" cd, sked, pennant in 27 days for 2 IRC's. (Hoffman-PA).
BELIZE: R. Belize, 3300, yellow map card w/o time in 21 days for 2 IRC's. (Glonet-NB); f/d map card, "RE Calling" sked and pamphlet on Belize towns in 6 days for EE rpt and mint stamps. All this was sent in a re-used RCI envelope! V/a Mrs. J. Roberts. (Krueger-FL).
BRAZIL: R. Nacional, 6125 (Sao Paulo), cd in 2 months for PP rpt. (Barto-CT).

R. Tupi, 11765, personal note QSL in 6 weeks. (Barto-CT).

R. Brasil Central, 4985, EE letter in 5 months for PP rpt and 2

IRC's. (Cain-LA).

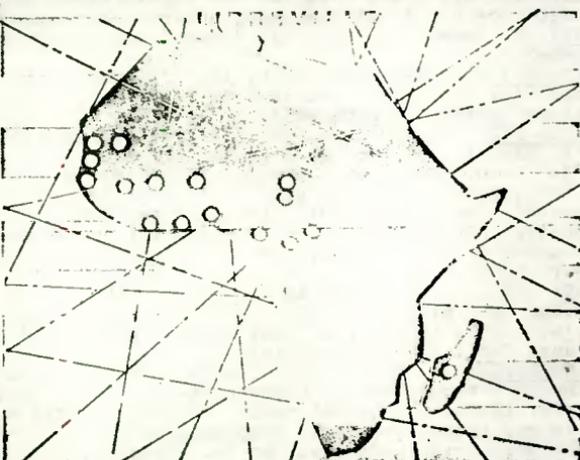
BRUNEI: R. Brunei, 7215, map card w/o time in 2 weeks on 2nd try for EE rpt. No rp. (Hywarren-MAN).

BYELORUSSIAN SSR: R. Moscow via Orsha, 9655, f/d "Moscow U" card in 40 days. No rp. (Bishop-PA).



RADIODIFFUSION-TÉLÉVISION GABONAISE

**LA VOIX DE LA
RENOVATION**



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CANADA: CBC Northern Svc, 9625, "Eskimo" card in 23 days. No rp. (Bishop-PA); f/d card and 11" x 14" painting w/sked on the back in 22 days for 1 IRC. (Collins-NH).

CFRX, 6070, "Carnival" card w/o time in 3 weeks for Canadian 10¢ stamp. Third try for this one! (Kapinos-MA); same card w/o time in 29 days for 1 IRC. (Child-ME).

CHU, 7335, f/d "Sir Sanford Fleming" card and Data Transmission Sequence folder in 25 days. No rp. (McManus-BC).

CANARY IS: RTVE Relay, 11800, f/d "Antenna" card, sked, pennant and rpt form in 11 days. No rp. (Schulman-NY)

CHINA: R. Peking, 11945, f/d "Yao Mountains" card, pennant, pin, letter, sked and promise of mags in 21 days for 1 IRC. (Schumann-FL): 15060, QSL, nice letter, sked, pictures and pin in 22 days for 1 IRC. (Rabone-NY); card, pin and letter in 38 days for 2 IRC's and newspaper clipping on the death of Mao TseTung. (Wiles-WV): 11945/15060, seven different cards in 13 to 29 days. No rp. Also got special "Peking Review" mags and a letter announcing the establishment of a Memorial Hall for Mao TseTung. (Poppin-CA).

CLANDESTINE: R. Espana Independiente, 12140, beautiful f/d "Picasso" card mailed from France in 2 months on 2nd try for a total of 2 IRC's. (Hywarren-MAN): 10110, f/d fantastic "Picasso Collage" card done exclusively for REI received in 8 months for SS letter and 2 IRC's to Czech address. Envelope was postmarked "Paris". Well worth the wait! (Krueger-FL).

Condor Radio, 6206 (W. Germany), excellent folder with pirate joke cartoons in 6 months for 3 IRC's. Operates between 0930 and 1200 Sundays. Power now about 100 watts. (Campbell-AUST).

COLOMBIA: La Voz del Cinaruco, 4865, personal letter and postcard in 1 year, 5 months. This was the 2nd QSL from this station within 3 weeks for the same f/up. V/s Garrid Munoz T., Gerente. (Lazarus-LA); letter in 7 weeks for SS rpt. This is QSL #9000! (Barto-CT); SS letter after f/up in 10

months for SS rpt and mint stamps. (Sparks-CA).

La Voz del Tolima, 6040, f/d personal letter in about 1 year for SS rpt and mint stamps. V/s Boris Jose Rios Gomez. I've been after this station for over 2 years and it took 12 letters to get it! (Lazarus-LA).

Ecos del Atrato, 5020, long SS letter in 15 days after f/up for SS rpt and mint stamps. V/s Glenda Uzcatequi. (Sparks-CA).

CYPRUS: BBC Relay, 15420, no-data "Tower Bridge" card in 43 days. No rp. (Conover-PA).

CZECHOSLOVAKIA: R. Prague, 7345, f/d card in 37 days. No rp. Received Diploma for contributing to Opinion Poll on New Stockholm Appeal 3 days earlier. (McManus-BC); "Lake Macha" card in 54 days. No rp. Card had seven veries typed on it for seven rpts. Also received pennant, color slides, rpt forms, sked, Monitor Club Certificate, etc. All this in 5 airmail envelopes which arrived at my QTH on the same day! (Hoffman-PA): 6055/5930, f/d "Peace Square" card, "Cross of Zavis" postcard and 2 first day covers for stamp quiz reply in 33 days. No rp. (Meehan-CT): 5930/7345, 3 f/d cards, including 1st day issue card for 40th Anniversary broadcast in 52 days for 1 IRC. Also received first day stamp covers. (Rockwood-OH).

DENMARK: R. Denmark, 15165, f/d "Tower" card in 16 days for EE rpt. No rp. (Krueger-FL).

DODECANESE IS: VOA-Rhodes, 6015, f/d "Stamps" card in 20 days. No rp.

(Brunner-PA): 6070, f/d card in 3 days. No rp. This was VOA site #14! All on "Stamps" cards. (Kapinos-MA).

DOMINICAN REP: R. Clarin, 11700, SS letter w/date and freq in 30 days for 2 IRC's. V/s Lilly de Morales. (Gower-IL).

ECUADOR: HCJB, 11915, f/d "Bread Llama" card in 71 days. No rp. (Dubrick-IL): 6095, f/d "Owl" card, sked in 27 days for 40¢ in mint Canadian stamps. (McManus-BC): 6095/9560/11915, f/d "Indian Couple", "Llama" and "Owl" cards by request, pennant, sked and religious info in 20 days for 3 rpts in one letter and 40¢ in US stamps. Back issue cards can be requested when reporting. (Greenidge-NY).

ENGLAND: BBC, 5975, BBC World Service T-shirt and letter from Anne Kemp for requesting song played on "A Jolly Good Show". No rp. (Collins-NH).

ETHIOPIA: ETLF, 11910, f/d "Four Scenes" card, sked and religious material in 61 days for 1 IRC. (Butterfield-MA).

EUROPEAN RSFSR: R. Moscow, 7100, card in 7 weeks. No rp. No site either, even though I requested it. (Davenport-TN): 7150, card in 48 days. No rp.

(Luce-TX): 12020, f/d "CMEA" card, "Thank You" note and rpt forms in 57 days. No rp. Letter from Mrs. Stepanova arrived separately. (Poppin-CA): 17700/11690, cards in 28 days. No rp. (Beaudoin-CT). XMTR SITE CARDS: R. Moscow via Tula, 7250, card in 1 month. (Barto-CT). Via Zhigulevsk, 15185 (S. Asian Svc), f/d card in 119 days for EE rpt. No rp. (Gionet-NB). Via Mitchurinsk, 9775, card in 5 weeks. (Barto-CT). Via Serpukhov, 11950 (EE to Africa), f/d card in 104 days. No rp. (Gionet-NB). Via Moscow, 9490, f/d "CMEA" card w/site in 6 weeks for rpt on African EE Svc. No rp. (Overcamp-SC): 7290, card in 1 month. (Barto-CT): 9700, f/d "Kalinin Prospekt" card in 44 days. (Kay-NY). Via Armavir, 15385: via Ryazan, 5915: via Serpukhov, 11705/15185: via Moscow, 7175, f/d cards in 1 month. (Legge-VA).

R. Station Peace & Progress, 17835, orange card with pen sketch of Moscow buildings and red/white RSP&P logo. Card had date, time and meter band. Received in 22 days for EE rpt and 1 IRC. (Child-ME).

FINLAND: R. Finland, 15110, f/d silver "YLE50" card, sked and 2 "Hear Finland" mags in 19 days for 1 IRC. (Schumann-FL); same card, sked and pennant in 22 days. No rp. The envelope was folded, putting a crease in the card! (Bishop-PA); same card in 19 days. No rp. (Meehan-CT); f/d "50th Anniversary" card, sked and "Hear Finland" in 23 days. No rp. No pennant despite request (Greenidge-NY); same card, sked, pennant and "Hear Finland" mag in 17 days for 1 IRC. (Camillo-NY); f/d "Autumn" card for 2 IRC's. (Luce-TX).

FRANCE: RFI, 15300, f/d "Paris" card, sked, pennant in 53 days for 1 IRC. (Schumann-FL); same card, sked and blue/white plastic pennant with "RFI" on one side and "Telediffusion de France" on the other for 1 IRC. (Collins-NH): 15200, f/d "Ile de Notre Dame" card in 33 days for 1 IRC. (Dubrick-IL): 15200/15300, f/d "L'Arc de Triomphe" card, sked and blue/white pennant in 20 days. No rp. (Meehan-CT).

FRENCH GUIANA: France Regions 3, 3385, plain black/white station card in 54 days for FF rpt and 1 IRC. (Cain-LA).

GABON: RTVG, 4777, f/d card and letter in 2 months. (Barto-CT).

GALAPAGOS IS: La Voz de Galapagos, 4810, personal letter w/SS verie statement, beautiful pennant in 49 days for SS rpt. No rp. Letter said they hoped to receive more letters from me. V/s Padre Edgar Raul Pinto E. (Bishop-PA).

GEORGIAN SSR: R. Moscow via Tbilisi, 11710 (FF to Africa), f/d card in 38 days for FF rpt. No rp. (Gionet-NB).

GERMANY (E): RBI, 9730, f/d "Humboldt Universitat" card, pleasant note from Rudi Friedel in 62 days. No rp. (Meehan-CT); f/d "Series Berlin #6" card and letter in 56 days. No rp. (Schipelliti-MA); f/d "Alfred Brehm Haus" card in 68 days. No rp. "RBI Journal", 3 first day covers, mags and other brochures arrived 3 days later. (Camillo-NY): 11890, f/d "Messestadt Leipzig" card in 101 days. No rp. (Gionet-NB).

GERMANY (W): RIAS-Berlin, 6005, card w/freq, date and xmtr site in 3 months for EE rpt. No rp. (Hywarren-MAN).

VOA-Munich, 3980, f/d "Kennedy" card in 15 days for rpt on special xmsn of the Presidential Debates. No rp. (Butterfield-MA): 6195, f/d "Stamps" card in 1 week. No rp. (Kapinos-MA).

Sudwestfunk, 7265, black/white psychedelic-type card w/o time in 66 days for 1 IRC. V/s Dr. Schorcken, Technical Dir. (Butterfield-MA).

Radio Free Europe, 15170, f/d blue/white RFE card in 47 days for 1 IRC. New sked to follow. (Camillo-NY): 17835, blue/white date-only card in 10 days from US Headquarters for a 13¢ stamp. They did not specify xmtr site as requested. (Dubrick-IL).

GHANA: GBC, 4915, f/d card in 4½ months for EE rpt and 2 IRC's. (Thunberg-PA); f/d card in 44 days for 2 IRC's. Card was stapled to sked. Two weeks after I sent the rpt, I received a Pen-pal letter from a college student who said my name and address had been in a local newspaper. (Hoffman-PA).

GREECE: V. of Greece, 9760, f/d plain white card, sked in 18 days for 1 IRC. (Glazzy-CA); same card and sked in 20 days for 1 IRC. (Hoffman-PA): 17830, card in 17 days for 1 IRC. (Beaudoin-CT): 11875, f/d card and sked in 24 days. No rp. (Gercken-IL).

GUATEMALA: R. Maya de Barillas, 3325, f/d "Warrior" card in 279 days for SS rpt and mint stamps and 38 days after f/up with more mint stamps. V/s Lorán W. Veith. Power stated as 1000 watts. A definitely prized QSL! (Hardester-CA). Very nice, Mike! Very nice! ed.

TGNA, 3300, "Quetzal" card w/o time in 6 weeks for EE rpt on SS xmsn and 1 IRC. (Kapinos-MA).

HAWAII: WVVH, 5000, card w/o time in 11 days. No rp. (Schulman-NY).

HUNGARY: R. Budapest, 9655, f/d card, sked and "Thank You" note in 22 days for 2 IRC's. (Ward-NB): 9833, f/d card, sked and "Budapest International" in 1 month. No rp. (Glazzy-CA): 9585, f/d card, letter and copy of "Budapest International" in 63 days for 1 IRC. (Troster-ONT): 7215, f/d blue card in 89 days. No rp. (Luce-TX).

from
GERRY
BISHOP



Thanks MR. BISHOP..... for the report
on a United Nations broadcast at 0545 GMT, 13 MAR 1976
on 6, 055. KHZ-the details of which are correct

RADIO AND VISUAL SERVICES DIVISION
OFFICE OF PUBLIC INFORMATION

ICELAND: Reykjavik Radio, 12175, f/d "Reykjavik Capital" card in 16 days for EE rpt and 2 IRC's. Power listed as 5 kw, A3 mode. (Krueger-FL).

INDIA: AIR, 9525, "Gateway of India" card w/o freq in 3 weeks. No rp. (Schulman-NY).

INDONESIA: PIC (Indonesian Time Signal Station), 11440, f/d letter in 7

weeks. No rp. V/s Th. A. Pratomio. (Klassman-IL).

RKPKD Tingkat II, Pamekasan, letter in 20 days for II rpt and 1 IRC. V/s M. Tabrani. Description of xmtx indicates that its output power must be only about 65 watts. (Campbell-AUST).

RPDK Kediri, (Suara Canda Bhirawa), 3433, letter and colorful postcards in 68 days for II rpt and 1 IRC. V/s Mrs. Trie Sukirno. Address: Jalan Panglima Sudirman 141, Kediri, East Java. (Campbell-AUST).

RRI Sibolga, 5260, II letter in 7 weeks after f/up for II rpt and mint stamps. V/s Zainal Abidin Hatta. (Sparks-CA).

IRAN: V. of Iran, 9022, f/d "Mahabad TV" card, sked and contest details in 25 days for EE rpt. No rp. (McManus-BC).

ISRAEL: IBA, 9815, f/d card, sked and pamphlets in 112 days for 1 IRC. (Collins-NH); f/d card and rpt form in 55 days. No rp. (Thunberg-PA): 12045, f/d card in 10 weeks. No rp. (Kapinos-MA): 2442 (Galei Tsalal), Israel map card in 25 days for mint stamps. (Campbell-AUST): 11645/9815/9435, "Knesseth Building" card, sked, rpt form. No rp. (Schwartz-DE): 9815/11625/9435/12045/7412.5, f/d cards in 55 and 66 days with literature enclosed. (Poppin-CA).

ITALY: RAI, 9575, f/d "L'Aurora" card in 131 days for 2 IRC's. (Glazzy-CA); f/d card in 5 months for 1 IRC. (Cain-LA): 6010, f/d "Michelangelo" card in 6 1/2 months. No rp. (Thunberg-PA).

JAPAN: R. Japan, 15300, card, sked, rpt form and "R. Japan News" in 11 days. They returned my IRC. (Schumann-FL); card, sked, "R. Japan News" and booklets on Japan and R. Japan in 22 days. No rp. (Greenidge-NY); card, sked, and "R. Japan News" in 12 days. No rp. (Poppin-CA): 15195, card in 21 days for rpt form. No rp. (Rockwood-OH): 9585, card w/o time in 18 days. No rp. (Conover-PA); card, sked, "R. Japan News" in 26 days. No rp. (McManus-BC): 11705, card w/o time in 14 days. No rp. (Cohen-NJ). The cards were "Hakata Doll" and "Tachibina Doll".

Some of the R. Japan veries above were reported as "f/d". Here is the verie portion of a R. Japan QSL received by Guy Dunn, Paramus, NJ. Please notice that this card has the time verified. This was done at Guy's special request after 24 reports. Most R. Japan cards (and some others) do not have the date verified. Therefore, they are not "full data".

Please do not use "full data" or "f/d" as an automatic designation. Check your verie first. For "full data", you need the frequency, date and time of your report listed on the verie card or letter.

Mr. Guy Dunn

Thank you for your reception report of

March 21, 1976

23:02-23:47 GMT

We are pleased to confirm that the station you heard is Radio Japan, operating on

15195, 15105, 15270

KHz.

H. Machino *H. Machino*

Your further reports as well as comments on our programs will be much appreciated.

RADIO JAPAN

NIHON HOSO KYOKAI Joint Broadcasting Corporation, Tokyo, Japan

KENYA: V. of Kenya, 4915, aerogramme verie in 1 month for EE rpt and some used stamps. (Moritz-OH); aerogramme verie letter with lots of details but they left out the time. Received in 58 days for EE rpt on Swahili xmsn and 2 IRC's. (Gionet-NB)

KIRGHIZ SSR: R. Frunze HS 1st prgm, 4010, letter direct in 7 months for RR rpt and local postcards. (Campbell-AUST).

R. Moscow via Frunze, 11890. (S. Asian Svc), beautiful red/gold/black "Kremlin" card and a personal letter from Mrs. Inna Lazareva in 121 days. No rp. (Gionet-NB); f/d card in 1 month. (Legge-VA).

KOREA (S): KBS, 11745, card, revised current sked and pennant in 4 months for 2 IRC's. (Schwartz-DE): 11860, f/d card, sked and pennant in 57 days for EE rpt. No rp. (Crater-KS).

LIBYA: Peoples' Revolutionary Broadcasting, 6185, no-data personal letter in 60 days for EE rpt on AA music prgm. No rp. I did include a postcard of Mt. Rushmore and some used commemerative US stamps. (Conover-PA); letter with only verie statement and sked in 88 days, surface mail, for EE rpt and mint stamps which were used on the reply. V/s Q. Buzaid. Finally! After many tries! (Mayer-IL).

LITHUANIAN SSR: R. Moscow via Kaunas, 7100, card in 1 month. (Barto-CT).

MALAGASY REP: R. Nederland Relay, 11730, f/d "Happy Station" card, color postcard and wallet calendar in 17 days for 1 IRC. (Glazzy-CA).

MAURITIUS: MBC, 4850, card with red/blue/yellow/green horizontal stripes

and letter in 34 days for mint stamps. Heard on 4850-1, but card says 4855 now. V/s N. Rambert, C.E. (Campbell-AUST).

MEXICO: R. Mexico, 15385, SS form letter verie w/o time or freq, station pamphlet, sked, questionnaire and Mexican tourist info received in a surprisingly short 16 months for EE postcard reporting on one of their special xmsns during the summer of 1975. I had lost all hope of this one! (Kay-NY); SS letter w/date, tourist info, questionnaire and pamphlet on R. Mexico in "only" 1 1/2 months. V/s Victoria E. Perez de Leon. (Gower-IL).

MONACO: TWR, 7105, QSL, sked, gospel tract in 17 days. 1 IRC. (George-TX).

NETHERLANDS: R. Nederland, 9715, f/d "Eddie Startz" card in 11 days for 1 IRC. (Ward-NB).

NETHERLANDS ANTILLES: R. Nederland Relay, 6165, f/d "Eddie Startz" card, sked in 25 days and f/d "Harry van Gelder" card in 20 days. (McManus-BC).
TWR, 15320, f/d "Antenna" card in 20 days with EE

and Norwegian religious matter for a Norwegian rpt on a Norwegian xmsn and 1 IRC. (Gerardi-IL).

NEWFOUNDLAND: CKZN, 6160, card w/only date and freq and "Marytown" on the front signed by F. Holm in 25 days. No rp. Power listed as 300 watts. (Schipelliti-MA); CBC "Marytown" card in 29 days. No rp. (Camillo-NY); same card w/o time in 21 days for 1 IRC. (Child-ME).

NEW ZEALAND: RNZ, 6105, card, sked and pennant in 2 months for 2 IRC's. This is the 54th different country to send a pennant! (Barto-CT): 9540, f/d "Coastal City" card and sked in 22 days. No rp. Enclosed message asked for IRC's. (McManus-BC): 11705, f/d "Rugby" card, sked in 20 days for 1 IRC. They now require 2 IRC's. (Thunberg-PA).

NORWAY: R. Norway, 15175, f/d "Autumn Scene" card, sked and flag in 62 days. No rp. (Mayer-IL): 11860/15175, f/d "Autumn Lake" and "Waterfall" cards in 86 days. No rp. (Cohen-NJ).

PAPUA NEW GUINEA: NBC, 4890, f/d NBC map card in 17 days for 2 IRC's. (Camillo-NY).

R. Milne Bay, 3360, letter w/no specific data in 200 days for EE rpt and 3 IRC's, 68 days after f/up and more IRC's. V/s Trevor Webumo, O.I.C. Music, Radio Milne Bay, P.O. Box 111, ALOTAU, Papua New Guinea. (Hardester-CA).

PERU: R. Nacional, 9562, personal letter in 1 year and 3 months for SS rpt and mint stamps. V/s Edna Almandoz M. (Lazarus-LA).

POLAND: Polish Radio, 6095, f/d card and sked in 37 days for 3 IRC's. (Ward-NB); f/d card in 8 weeks for 1 IRC. Also received a nice letter from Lech with a promise of a cassette tape. (Kapinos-MA): 15120, f/d card in 107 days for EE rpt on NA xmsn. Also received a letter from Lech Stanislawski in which he says he is sending me a book entitled "Sports in Poland". (Gionet-NB): 7270, card in 57 days for 2 IRC's. Also received a nice long letter from Lech Stanislawski in which he asked to know more about my work in Photography and promised some mags. (Wiles-WV): 11815, f/d card, sked, postcard and personal letter in 11 weeks. No rp. (Cain-LA); f/d card, sked and letter in 4 months. No rp. (Krueger-FL). All cards "Heraldic Arms". ed.

PORTUGAL: R. Portugal, 11935, f/d card and sked in 18 days for 3 IRC's. (Ward-NB): 6045, f/d "St. Lucia" card in 16 days for 1 IRC. (Gerardi-IL): 6025, card with PP verie and sked in 25 days. No rp. (Davenport-TN); f/d "Carmo Convent" card and sked in 16 days. No rp. (Camillo-NY).

IBRA, 9670, f/d blue "World Target Area Map" card, letter, skeds, religious info and pennant in 19 days for 1 IRC. (Butterfield-MA); same f/d card and pennant in 11 days for 1 IRC. (Cohen-NJ).

Radio Free Europe, 15145, card w/o time in 6 days from Washington. Address as in the WRVTH. Site not listed as requested. (Kapinos-MA).

RHODESIA: RBC, 3396, f/d map card measuring 6 3/4 x 8 3/4 inches in 2 months. No rp. V/s B.O. Brien. Biggest card I've ever seen! (Bishop-PA).

RWANDA: Deutsche Welle Relay, 7225, f/d "Afrika" card in 148 days for EE rpt. No rp. (Gionet-NB): 17765, same f/d card and "Hallo Friends" mag in 39 days. No rp. (Hoffman-PA).

RYUKYU IS: VOA-Okinawa, 7165, f/d "Stamps" card in 5 days. (Kapinos-MA).

SEYCHELLES: FEBA, 9545, f/d map card, sked, religious info in 12 days for mint stamps. V/s Mary Berry. (Bishop-PA); f/d orange/white card, sked and religious pamphlet in 18 days for 3 IRC's. (Gower-IL): 11865, card in 3 months. (Barto-CT).

SOMALI REP: R. Mogadishu, 9585, SBS card w/o time in 8 weeks for EE rpt on Somali xmsn and 2 IRC's. (Bishop-PA); f/d "Antenna/Emblem" card in 69 days for 1 IRC. V/s Zahna (unless that's some kind of salutation, hi). (Butterfield-MA).

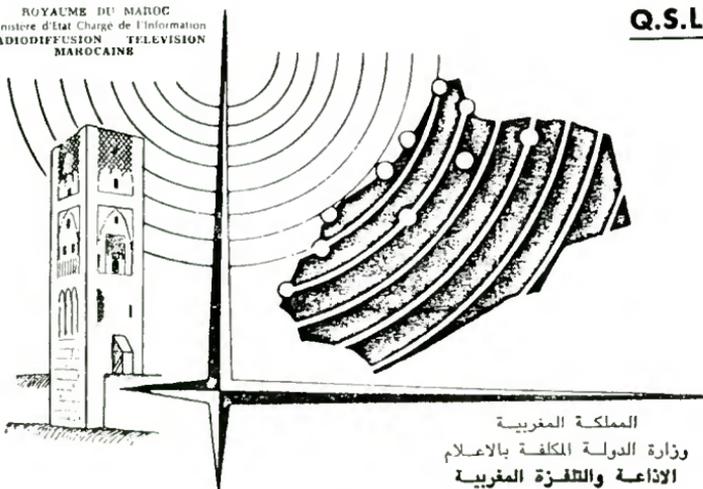
SOUTH AFRICA: R. RSA, 9585, f/d "Kaffirboom" card in 24 days. No rp. (Ward

-NB); f/d card, sked and "RSA Calling" in 3 weeks for 1 IRC. (Collins-NH): 7285, f/d "Flowering Tree" card in 25 days. No rp. (Poppin-CA): 11900, f/d "Coral Tree" card in 18 days. No rp. (Beaudoin-CT); f/d "Drakenberg" card and mag in 25 days. (Plotnick-CT); f/d "Kafferboom" card in 23 days for 1 IRC. (Hoffman-PA): 21535, f/d "Coral Tree" card in 22 days. No rp. (Krueger-FL). I give up! What's a "Kafferboom"??? ed.

ROYAUME DU MAROC
Ministère d'Etat chargé de l'Information
RADIODIFFUSION TELEVISION
MAROCAINE

Q.S.L.

from
SAM
BARTO



المملكة المغربية
وزارة الدولة المكلفة بالإعلام
الإذاعة والتلفزة المغربية

SPAIN: RTVE, 6065, SS verie card w/station seal, sked and pennant in 25 days. No rp. (Davenport-TN); "Antenna Farm" card, sked, pennant and rpt form in 22 days for EE rpt. No rp. (George-TX); f/d "Noblejas Antenna" card, sked and pennant in 60 days. No rp. (Thunberg-PA): 11880, f/d card w/site, sked and large pennant in 56 days for flower seeds. No rp. (Schippelliti-MA); f/d "Toledo Xmtr" card, sked, pennant and rpt form in 23 days for 1 IRC. (Greenidge-NY); same f/d card, sked and nice pennant in 91 days. No rp. (Troster-ONT): 11965, same f/d card, sked and pennant in 3 weeks for RNE rpt form. (Dubrick-IL): 11880/6065, cards in 2 months. (Barto-CT).
SRI LANKA: AWR, 9720 (via SLBC xmtrs), f/d "Berlin Waldfriede Hospital" card in 25 days for EE rpt and 1 IRC. (Gionet-NB).
VOA-Colombo, 11715, f/d "Stamps" card in 6 days. (Kapinos-MA).
SWAZILAND: Swazi Music Radio, 4980, letter, folder and data sheet in 5 weeks. (Barto-CT).
SWEDEN: R. Sweden, 15305, f/d "Stamp" card, sked, pamphlet, 2 DX Bulletins in 67 days for 1 IRC. (Schumann-FL).
SWITZERLAND: SBC, 9725, sked and SBC sticker in 44 days followed by a f/d "Klausjagen" card 9 days later. No rp. (Kay-NY); f/d "Old St. Nicholas Custom" card in 24 days for 1 IRC. Sked and station info came 7 days later. (Troster-ONT); f/d "Palace of Nations" card in 19 days for aerogramme rpt. (Hoffman-PA): 15140, f/d "Klausjagen" card, tourist info and sked in 85 days. No rp. (Thunberg-PA).
TAIWAN: VOFC, 17890, colorful "City of Cathay" card in 1 month for EE rpt after 2 tries. No rp. f/d registered pennant but didn't get one. (Hywarren-MAN).
TIMOR: R. Dili, 3550, f/d QSL on local agricultural postcard in 5 months. V/s Mariano J. Lopes da Cruz, Chief of Radio & TV. Card carries Indonesian stamp. (Campbell-AUST).
TURKEY: V. of Turkey, 9515, "Cartoon" card in 37 days. No rp. (Beaudoin-CT) f/d "Bosphorus Bridge" card, detailed sked, miniature flag, tourist info in 20 days for 4 IRC's and EE rpt sent registered mail. (Ward-NB): 11880, f/d "Karagoz & Hacivat" card, sked book, tourist booklet in 40 days for 1 IRC. (Schumann-FL); f/d "Donkey" card in 2 months for taped rpt and 2 IRC's. (Luca-TX); f/d "Keloglan" card and tourist literature in 29 days. No rp. (Poppin-CA); f/d "Nasreddin Hodja" card in 22 days for 1 IRC. (Hoffman-PA).
UGANDA: UBC, 15325, mimeo verie letter w/o time and promise of sked when they are printed in 22 days for EE rpt and 2 IRC's. (Meehan-CT); f/d half page form letter in 145 days and 14 days after sending f/up aerogramme for

2 IRC's sent with the original rpt. V/s unreadable. (Butterfield-MA).
UKRAINIAN SSR: R. Moscow via Kiev, 7160, f/d "Kalinin Prospekt" card in 35 days. No rp. (Meehan-CT); card in 1 month. (Barto-CT). Via Kharkov, 11950 (PF to Africa), f/d card in 41 days for FF rpt. No rp. (Gionet-NB). Via Vinnitsa, 17880 (African Svc), f/d "Kalinin Prospekt" card in 34 days. No rp. (Child-ME); 11980, f/d card in 1 month. (Legge-VA). Via Ivov, 7150, f/d "Kalinin Prospekt" card in 28 days. No rp. Site was on card. (Dubrick-IL).
UNITED STATES: VOA-Greenville, 9670, f/d "Stamps" card and letter explaining their pennant policy in 16 days. No rp. V/s Monica Reyes. (Bishop-PA).
 WINB, 15185, f/d black/white card giving ERF as over 1 Mw in 7 days for 1 IRC. (Cohen-NJ).
 UN Radio, 15410, f/d blue/white multilingual card and sked in 32 days for EE rpt and 13¢ stamp. (Glazzy-CA).
 KGEI, 5980, f/d "San Francisco" card, pennant, sked, religious info and a very amusing booklet called "Have A Good Day" in 46 days. No rp. (Schulman-NY).
URUGUAY: La Voz de Melo, 6055, letter and postcards in 6 weeks for SS rpt and stamps. V/s E. Kevin Souza, Director. (Barto-CT).
 R. El Espectador, 11835, f/d card in 7 months for SS rpt and 1 IRC. (Hywarren-MAN).
VATICAN: Vatican radio, 5995, f/d "Antenna" card in 30 days for 1 IRC. (Camillo-NY); same f/d card and sked in 14 days for 2 IRC's. (Thunberg-PA): 9605, same card in 11 days for 1 IRC. (Schumann-FL): 9645, same card in 74 days. No rp. (Beaudoin-CT).
VENEZUELA: R. Nacional, 15390, form letter and 56 page SS sked in 59 days for EE rpt. No rp. This xmsn was heard on 15400 kHz, but letter lists 15390 kHz. Space for the date of my reception was left blank! (Meehan-CT); EE form letter QSL w/date and sked pamphlet 60 days after f/up for EE rpt and 2 IRC's. (Brunner-PA); mimeo letter listing date and 15390 kHz in 6 weeks. No rp. V/s Charlie Nash. (Overcamp-SC).
 R. Lara, 4800, "Globe" card w/date and freq in 1 month for SS rpt. No rp. (Hywarren-MAN); card w/o time in 8 weeks for a Gilfer Trilingual Report form and 1 IRC. (Kapinos-MA).
 R. Coro, 4950, personal letter 20 days after f/up and 1 year, 8 months after sending SS rpt and mint stamps. V/s Rafael Jose Oberto Marmol, Director. (Lazarus-LA).
 R. Puerto La Cruz, 3365, personal letter in 10 months for SS rpt and mint stamps. V/s Rodolfo Enrique Fuentes. (Lazarus-LA).
 R. Maturin, 5040, QSL card in 24 days for SS rpt, mint stamps and franked stamps. V/s Alonso Hurtado G. This QSL came by registered mail. (Lazarus-LA).
 Ondas Panamericanas, 3215, f/d personal letter 20 days after f/up and 1 year, 10 months after sending SS rpt, tape and mint stamps. V/s Serafin Gonzales Alvarez, Director. Came by registered mail. (Lazarus-LA).
 R. Juventud, 4900, "Dancers" card w/date and freq in 1 month for SS rpt. No rp. This card and the one from R. Lara are similar in design. (Hywarren-MAN).
 R. Universo, 4880, card w/o time in 8 weeks for a Gilfer Trilingual Report and 1 IRC. (Kapinos-MA).

Terry L. Krueger, Casselberry, FL, reports the following: "A letter from Sueddeutscher Rundfunk informs me that those transmissions heard around 0200 or so are theirs, but from Sudwestfunk transmitter (7265 kHz). Therefore, all requests for QSLs should be sent to them at Postfach 820, 7570 Baden-Baden, FRG". Thanks, Terry.

As we draw up to the end of yet another year, I would like to thank everybody for the fantastic support I received during 1976. I appreciate it. As that portly comedial used to say, "You're a good group!".

And finally, "Best Wishes for the Holiday Season".

Bill



Topline tip. . .ANTARCTICA! 6012, AFAN -- On 11/2, for first time in 2 years, happened across this one 0910+ with some kind of pop mx, shrt ancts but nil QRM past 0935. On 11/11, carrier detected as early as 0630 (no other SWBC carrier in the world has the same flutter characteristics as AFAN), no audio heard till after 0830; readable by 0900 with J&W records, very brief EE ancts between selections by local-talent DJ/ancr. Heaked fair strength around 0915, although never much cuz of flutter. Still at it after 1000 but obscured by VCA/6010 s/

DX

Editor: John J. Moritz Jr.
4145 New Road
Youngstown, OH 44515
(216) 792-8627

December 1976 issue. Next deadlines are 15/12, 27/12, 14/1 and 25/1. Cr, send material as it is heard.

Hotline



ANTARCTICA (cont'd fm above) on then. Better hurry, gang: Antarctica soon goes 24 hours sunlight! (Bob Hill, California, via NU)...6012t noted hear at 0920 to past 1015 with EE man anncr, typical American general mx. No ID, but heavy flutter points down under. Heard Nov 8. Much weaker on Nov 9 at 1225GMT! (Jim Young, California) Congrats OMs!!!! ed.

NEW HEBRIDES - 3945, vila on 11/2 from 0735-0738 with M and W in FF, some WCR music at 0738; weak with occasional ham QRM (Dan Shingler, Michigan) Dissertation time: I am not questioning this log, but I would dearly appreciate it, when any of you latch on to a fine catch--like the one just above--that you spend some time listening to it, condx permitting! Detail end information of program content are of the utmost importance on these flea-flickers, as it helps others in identifying what they are hearing.ed.

SOMALIA - Hargeisa, 11646.5 s/on at 1502 with strange IS mx, anmts, and guitar music. Running // 7021 till past 1517 f/o (Jim Young)

MONGOLIA - RUB heard on 5053 from 0811-0831 with YL in lang, possibly RR? RR type traditional music followed by ID by her at 0831, with "Ulan Bator" distinctly heard. Poor reception, but still very happy with this one! (Mark Bixby, California) Bravo! ed.

TIMOR - RR Dili, 3120 at 0950 with wild music and occasional bits of march music. ID heard, and at fair level (Kevin Szot, California) Welcome back to the hobby Kev! ed

GREENLAND - 3999, Jónlands Radio -- 0102-0130 symphonic music, two ancts in (presumably) Greenlandic by woman; 0130 seemed news. Fairly respectable strength but QRM throughout by moronic 75M ham type who continually swished his VFC up and down across the sig, likely in an effort to express his disapproval of SWBC in an amateur band. Hrd 11/8 only (Bob Hill)... 3999 Godthab heard signing on 1010-1015 with IS and M and W in lang. The usual 4005a ute which heavily QRMs this free missing this morning, and hardly any ham QRM at all! (Dan Shingler)

INDONESIA - RR Sibolga, 5259.5 at 1020 with program of native music. Poor on 20Nov (Kevin Szot)

COLIVIA - Radio Panamericana, 6034 at 1035 with good folklorica wake-up music. Clear on 11/12 (Jim Ronda, OH)

BAZIL - Radio Olinda, 3285, heard at 0000 on 10/31, with FI ID and music. Poor to fair signal (Gerry Bishop, PA)

ECUADOR - Radio C.R.E.(tent), 4765, in SS from 0045-0100 w/tlk and folklorica music. Severe het and no ID heard (John Trautschold, Wisconsin)

Propagational picks. . .though we can't promise much in this direction till Jan, if we get some quiet and low geomag condx in Dec try the subcont for some fine action. Outside of this hope that we get good African reception to go along with the usual extended skeds around xmas and New Years. Finally, those needing Qatar should check out 9570 during 1230-1300 period. Should be audible. Good luck, and let me know what you hear! You hear!?

ZANZIBAR - RT, 3339, hrd especially strong several days now during the wk of 1-7 Nov. 20db's over 3-9. Carrier usually on at 0245. 1kHz tone around 0250-53. Is of a metal guitar and drum combination till 0300. Vy short singing anthem music, ID in swahili, anmts, directly into chanting. Not // 4785 (Jim Young) quite a fascinating WJNA catch, but 20db's over 3-9? I can't even hear them here in the midwest. hi ed.

PERU - 5952a, Radio Arequipa, *1035 with ID, calls, freqs, "Buenos dias--esta R. Arequipa--," into music program (Jack Jones, Mississippi)

COLOMBIA - 6000, R. Super de Medellin has taken over 6000 in early AMs, as noted here on 11/14 at 1127 with ID, news, coms (one for el banco de colombia), at fair level (Jack Jones)...4926 Em Meridiano 70 at 0135 with live broadcast of national beauty contest with commentary by the Colombian version of Bert Parks! Several quick IDs during the action (Jim Ronda)...4925 Em Meridiano 70 noted at 0241* with ID, calls, freqs, anthem and off. Believe ID given as "Radio Meridiano Setenta." (Jack Jones)

YEMEN - 5060, Aden, 2107 Arabic vocal music, recheck at 2114 OK in lang. Lotta 3B on 11/2 (Jan Shingler) Very nice! ed...YEMEN ARAB REPUBLIC, Sanaa, 4853 with flute IS 0258 and soon at 0300 into Koran chants. Vy strong on 11/14 (Terry Krueger, Florida)

SAC ROSE & PRINCE - CV, 4806.5 at *0531 brief anct in R by woman, then characteristically long, turgid march/anthem; 0534 more talk by female; 0535 local tune played by flute and guitar. (Bob Hill via NU)

HARMONIE HAITIENSE - After taking me up on my offer of last hotline, Kevin Szot rings in with the following: 2840 KUU wala-wala, Washington at 1006 in 5B with rock, contests, and ID as the "most listened to st. station!!!" 2x1420 and fair on 20 Nov (Kevin Szot) Bet you can't hear this one SH! hi ed

KIRGHIZ SSR - Prunze, 4050, at 0137 in R talk program. Poor in the noise on 11 Nov (Kevin Szot)

BEUTAK - NYAB, 7040 at 1230 s/on with mainly local type music prgm. Weak with much telegraphy interference (John Durham in November KZDKTimes)

ANGOLA - November DJWJ shows the following news on Angolans from the RTVH: Em reg do Luambo on 3345; Em reg da Huila on 3970; Em reg da Luanda on 4860; Em reg do Zaire on 4885; Em reg de Silva Porto on 4896; Em reg da Cabinda on 5033; Em reg de Benguela on 5042; and Em reg do Huambo on 5060.

AZERBAIJAN SSR - Radio Baku broadcasts to listeners abroad on 6110 and 9840kHz in Persian, or Farsi, from 1300-1330, 1400-1500 and 1700-1715, in Arabic from 1530-1600 and 1630-1700 hrs, in Turkish from 1500-1530, 1600-1630, and 1900-1950, and in Azerbaijan from 1330-1400 and 1830-1900 hrs. The address is: ul. M. Husein I, Baku 370011, Azerbaijan, USSR (Vidmantas Stilius, Dauglauskis, Lithuania, in 3JDXers, 16/11)

MEXICO - 15175, LV de America Latina hrd 11/5 from 2240-2310 in 5B, many ads by M and YL. Def ID at 2304. Does not seem // 9515. Been hearing this one a couple of weeks but could not get ID. Poor to fair level. (Tom Hall, California)

ECUADOR - 3375, Radio Melodia, from 0040 with 5B talks, P3s, IDs, lots of mentions of Ecuador (Jim Ronda)...5025, Radio Splendit from 1050 with musica folklorica, solid ID at 1057, and into personal calls, at fair to good level (Jim Ronda)

AFARS & ISSAS - Djibouti, 4780.5, first appearance of season 11/2 around 1442, Koran chants; 1445 man talking. Very weak, as usual. Is this stn still a part of FR3 net? (Bob Hill via NU) Believe so Bob, as most people report they are getting the usual black and white FR3 card from them. They verify rather quickly--about two weeks time--why not send a report for a change and join the ranks of us penniless CSL hunters. hi ed.

A WORD FROM YOUR SPONSOR - Looks like the West Coast has nailed down the honors this time around! However, we all know that the best dxers live in the midwest. hi Good to have Kevin Szot back among the ranks of the active dxers. Also nice to hear from new-comer to the hotline, Tom Hall. Remember you all, go after that dx. You can hear the powerhouses anytime; its them flea-flickers that send chills up and down your spine! When was the last time YCU looked for a Papuan, Indo, or 9Cmb sub cont special? Get with the program and give your JAH editor something to crow about. Thanks to my usual hearty band of compadres for the goodies! A very merry xmas to you all, God bless, and best 73s de john-john

Log

• Ed. Sec-A: Dan Robinson

AMERICAN UNIVERSITY
WASHINGTON, D.C.



Report Section A

- 2200 NICARAGUA R. La Lider; 0128 SS, mx and number of EE selections, good reception; also at 0348 w/mx, ID (Field 11/7) 0300-0315 SS, ID, mx, much Tom Jones (Ravenhorst 11/7)
- 2300a USSR UNID; 1244-1259 RR, R. Moscow chimes, Moscow army vs. Riazan soccer w/all stars Balderev, Shaiboff, Petrov....etc (Poppin 10/22) Also reported at 1302-1310 w/Strauss Waltzes by George..ed
- 2376 PAPUA NEW GUINEA R. Chimbu; 1202-1206* Pidgin, tlk by M, off with anthem(Corson)
- 2390 GUATEMALA LV de Atitlan; 0230 w/strong signal and clear, lots of SS tlk and mx (Barto 11/7)
- 2400 BRAZIL R. Ed de Sao Jose; 0213-0234 in PP w/ID, marimba type mx, inst & vocal mx, tlk by M--weak but readable (Barto 11/7)
- 2420 GUATEMALA R. Rumbos; presumed 2 x 1210 at 0038-0115 in SS, ID, mention of Central America, SS & EE pops (Overcamp) 0517-0550 SS, mx, nx, ID-"Esta es R. Rumbos en Guatemala" hrd every night (Ravenhorst 11/6)
- 2450 BRAZIL R. Cultura de Aracatuba; 0130-0148 PP w/clear ID, vocals and a short nx/cast--very good signals and other PF signals hrd 2420, 2480,2457 (Barto 11/7)
- 2450 PAPUA NEW GUINEA R. Western Highlands; 1155-1202* Pidgin, tlk by M, song by a chorus, s/off anmt by W and off w/anthem (Corson 10/14)
- 2800a USSR RM; 1318-1331 in CC, Russian rev. song, mentioned Ho Chih Minh, march mx at 1330 (Poppin 10/23)
- 2850 N. KOREA Pyongyang; 0833 KK, tlk by W, operatic songs (Brookwell 10/15) 1333-1336 KK, cmtly in KK (Poppin 10/23) Poppin also rpts 2862 for Pyongyang...ed
- 2960 USA WRDW; 2 x 1480 at 0241 EE, active again this season w/usual soul mx(Boomer) See note on harmonics at end of section.....ed
- 3015 N. KOREA R. Pyongyang; 1100-1115 presumed KK, tremendous signal(Unknown rptr) Apologies to whoever's item this was, but unless name of contributor is on every logging, the item will be anonymous....ed
- 3120 E. TIMOR RRI Dili; 1141-1200 w/very clear signals, pop vocals by M&W in II, tlks by M, many mentions of Dili and some anmts by W; both this and Kupang hrd w/good clarity (Unknown)
- 3200 CHINA PLA Fuzhou; 1145 CC, tlk by W, poor w/QRN (Osterman 11/1)
- 3204 NIGERIA NBC-IBADAN; 2229 EE, "Shaft" and TC for "11:30"; ID as "R. Nigeria broadcasting from Ibadan" and into rel. px (Florian 10/10)
- 3205 JAVA RRI-Bandung; 1157-1200 II, some splash from China on 3200 (Unknown)
- 3218 NUMBERS STATION; 0454 German numbers by W, weak, while DW-3995 strong (Hauser)
- 3220 PAPUA NEW GUINEA R. Morobe; 1155 w/M in Pidgin tlk (Whitacre 10/14)
- 3222 TOGO Lama Kara; 2212-2231* w/pop and local mx, singing, M in FF w/ID, choir, NA and off (Whitacre 10/7) 2219-2232* African vocals, M in FF tlk (Moritz 10/10) 2228-2230* FF, pop mx, tlk by M, NA at s/off (Florian 10/10)
- 3240t ECUADOR R. Turismo; *1000 w/anthem that didn't sound like that of Ecuador; mx and nx (Field 10/19) 1020-1040 SS, w/mentions of Quito and Ecuador--is Peru on this early? (Barto?? 11/15)
- 3245 VENEZUELA R. Libertador; 0120-0135 SS, mx, tlk, ID's (Tannenwald, Turmen 10/12)
- 3250 KALINANTAN RRI-Bandjarmasin; 1552-1558* II, tlk, hymnlike mx, Love Ambon 1555 w/anmts, 1556 ID, and off 1558 (Junqua 10/8)
- 3250 SOUTH AFRICA SABC; 0110 Afrikaans, pop mx w/M DJ (Bryan 11/1) 0310-0432 pop mx and ads, nx at 0430 w/EE ID (Hywarren, Earhart, Poppin)
- 3255 VENEZUELA LV del Tigre; 0232-0243 SS, ballads, M ancr, ads and ID 0240 (Earhart)
- 3265 INDONESIA UNID; 1233-1300 Indo, tlk, 1250-1300 PNG-type mx, then M in more tlk; fair but under UTE (Junqua 10/31)
- 3275 PAPUA NEW GUINEA R. So.Highlands; 1159 t/in to 1203:45* in Pidgin, s/off anmts, short NA of sorts, M in tlk again w/sound of gong or bird call (Whitacre 10/9)
- 3280 ECUADOR LV del Napo; 1039 SS, ballads & mx (MacKay 10/2)
- 3285 BELIZE RB; 0024-0100 EE, in move to avoid 3300 Cultural & clutter, LA vocals, ads, very clear EE ID, 1cl TC 0042 when apparently switched to EE programming (Moritz 10/31, Mayer 10/29) 0118-0132 SS/EE, ads, nx, personal messages, many nites is covered by UTE (Tuchscherer 10/31) 0240-0250 EE, 1cl anmts //834khz (Lineback 10/31) 0413-0506v* ads for rum, ID, Prayer, NA 0505 and GSTQ 0506 (McLaughlin, Jones, and MacKay)
- 3290 GUYANA GBS; 0830-0900 EE, music px w/Hindi, Af, Calypso...ads, with good signal but bad UTE QRM (Hancock 11/5) Also noted on 5950, 2145 by yours truly.....ed

- 3300 GUATEMALA TGNA; 0420 EE, rel. program (Beirs 10/15) 0420-0430 EE, rel. tlk by M, heavy UTE (Hutchins 11/5) 0430 s/off anmts (Hywarren)
- 3300 BELIZE RB; two reports of RB here are for 10/17 & 11/6--see 3285....ed
- 3302 VENEZUELA LV de la Patria; 0255--- a station with this ID was hrd s/off 0255 after Venezuelan anthem; this stn used to operate here years ago, possibly they have reactivated (Barto 11/7) Interesting Sam, but no other rpts here for this..ed
- 3305 PAPUA NEW GUINEA R. Western District; 1157 w/M in Pidgin tlk, mx? (Whitacre)
- 3315t BRAZIL R. Assuncao Ceterense; 0200-0211 in PP w/mentions of "Fortaleza" and tlks by M & W (Barto 11/7)
- 3315 ECUADOR R. Pastaza; 0258-0300 SS, ID and vocals, weak with co-channel QRM (Barto) 0350-0403* SS, Ecuadorian mx, ID and NA at s/off (Lineback 11/7)
- 3322 BOUGAINVILLE IS R.B.; 1130-1205* native pop mx, G&W mx, M&W ancr in Pidgin and EE and NA at s/off (Whitacre)
- 3325 VENEZUELA R. Monagas; 0340-0350 SS, ID's, LA pops, tlk (Lineback 11/7) 0500 in SS, LA mx and many ID's (Cohen 11/6) Another happy Yaesu owner, right John?....ed
- 3325 GUATEMALA R. Maya; 0900-0919 Indian lang, s/on w/NA, ID, rel. mx (Cain 11/1) Nebron rpts same with no time...necesitamos la hora Larry....ed
- 3326 GUATEMALA R. Maya; 1115 SS, American oldies, M in tlk 1121 //2360 (Miller 11/2)
- 3330 PERU UNID; 0144-0155 a stn w/Indian and Peruvian type mx, peaking above CHU; vocals by W, some instrumentals and M in SS--possibly R. Ondas del Huallaga (Barto 11/9) To my knowledge they haven't been reported lately Sam....ed
- 3335 PAPUA NEW GUINEA R. Wewak; 1150 through noise, M ancr, native pops (Whitacre)
- 3332 ZANZIBAR RTZ; 0256--347 OC and into IS at 0258, anthem, Swahili ID and anmts, into chanting; faded badly by 0347 (Barto 10/27, Young 10/26&27) They've been missing in my log book for about two years also Sam, not to mention my QSL hopes. UNID; 1215-1232 M in tlk in lang, but too weak to get ID; Indo and Philippines are both possible (Corson 10/21)
- 3355 VENEZUELA R. Valencia; *1200 (Barto? 11/12)
- 3360 PAPUA NEW GUINEA R. Milne Bay; pops and ancr. to 1200* (Whitacre)
- 3365 BRAZIL R. Cultura Araraquara; 0009-0035t/o in PP, MCR mx, two ID's (Whitacre)
- 3365 VENEZUELA R. Puerto La Cruz; 0206-0225 SS, ads, LA mx, M ancr (Krueger 10/14)
- 3375 ANGOLA R. Kac; 2234 PP, light inst. mx, tlk by M 2239 (Florian 10/10)
- 3380 MALAWI ABC; band mx, M in EE anmts to 2200* (Whitacre) 0310-0345 in Chichewa; 1cl mx, European mx, ID (Osterman 10/3)
- 3380 ECUADOR R. Iiris; 2330 SS, mx IE, ads with mentions of "Esmeraldas" (Eishop 10/7) 0205-0306* ID, mx (Field 10/10)
- 3380 GUATEMALA R. Chertis; 0258 SS, tlk, marimba mx, 0300* (Jones 10/14)
- 3385 FR. GUYANA FR3; 0420-0500* FF, sounded like political interview, clear IS and II--is a fast verifier (Hancock 10/17) 1117 M in FF, pop mx, 1200* (Petravick 10/30)
- 3385 UNID; 1257, tlk to 1300, time pops and ID, then mx--totally missed ID; is this Muri? (Laves 10/22) Listed in WRTVH, Kayan to 1300; don't know if this is accurate.
- 3385 BRAZIL UNID; a station w/instrumental march mx followed by a soccer game from 0023-0134; at 0134 M said "hinuto de Tefe" and sources here have it that Em. de Educ Rural from Tefe is on this freq (Barto 11/8) Don't know if they are active, but I'll give it a whirl....ed
- 3390 ECUADOR R. Zaracay; 1025-1110 SS, mx, ID's, ads (Jones 11/10, Cain 11/1, Field 10/25) 0310 in SS, mx, II (Osterman 10/25) 0450 SS, Andean mx, ID (Cohen 11/6)
- 3395t TIMOR RRI-Dili; 1316 in lang, no ID (Hoffmann 11/7) Check this--Tanjung Karang is listed LR-A Nov. as NF and 3120, 3550 for Dili and Kupang
- 3396 NIGERIA NBC-Kaduna; 2224 Hausa, jazz mx, tlk by M (Florian 10/10) *0430-0505 EE, s/on with NA, ID in EE, into chanting from Koran (Corson 10/12)
- 3400 UNID; 0315 station here in EE, ancd call letters KRA and spoke of revolution 14 years ago--mentioned 49,41, 25 meter bands; s/off 0359 (Poppin 10/29) At first I thought you had an AM stn here George, but if you say they mentioned those meter bands, well....try to check it out again and inform us of results..ed
- 3414 SUMATRA RRI-Medan; 1158-1207 II, tlk by M, possible mx 1200 (Barto?? 11/15)
- 3425 NEPAL RN; 1145-1300 Nepali, OC 1145, IS as WRTVH, ID 1150 by M, tlk by W, and into 1cl mx, more tlk by M&W, not bad signals (7 rprs)
- 3450 CHINA RP; 1324-1328 CC, patriotic mx and vocals (Eryan 11/1)
- 3488a BOLIVIA R. Alfonso Padilla Vega; 0049-0100 SS, tlks and ID (Barto 11/8)
- 1550 TIMOR RRI-Kupang; 1126-1150 orchestral mx, tlk by M in II, island mx, vocals by W, ID at 1130 (Barto 11/14) 1205-1301 Indo, nx program, mx interlude 1218, then long tlk by M; Love Ambon 1259 but lost (Corson 10/13)
- 900 CHINA Hailaer; presumed site, 1044 w/W in CC tlk, Ham QRM (Moritz 10/30)
- 904 ADMIRALTY IS R. Manus; 1015-1028 M in Pidgin w/mentions of PNG, vocal selection, fighting Ham QRM all the way (Moritz 10/10) 1010-1020 mx, weak (Cain 11/1)
- 910 JAPAN FER; 0907-0915 EE/JJ tlk, songs (Poppin 10/11) 1334-1340 EE, mx (Bryan)
- 925 JAPAN NSB; 0830-0845 JJ tlk by M (Cain 11/1) 1341-1344 JJ, tlk by M (Bryan 11/1)
- 925 PAPUA NEW GUINEA NBC; 0829 //4890, NSB dominant on freq (Cain 11/1)
- 945 NEW HEBRIDES R. Vila; 0720-0745 M&W in FF tlk, poss. some Pidgin as well, 0738 MOR mx (Cain 11/1, Shingler 11/2)

- 3945 BALI & LESSER SUNDA RRI-Denpasar; 1307 Indo, M&W in nx (Junqua 10/7)
- 3952 GT. BRITAIN BBC; 0545-0547 EE, World Today (McLaughlin 11/5)
- 3955 POLAND Polish Radio; 2005 Finnish, nx, discussion, orchestral mx 2010 to close 2029, then into FF--first time hrd this outlet; 75mb now very congested for European stations using 3950-3999 for lcl coverage (Padula 10/20)
- 3955 SOUTH AFRICA R. RSA; 0340-0347 EE, ID, Good Morning Africa px (Poppin 10/19)
- 3960 SUMATRA RRI-Padang; 1130 in Indo (Barto 11/14)
- 3970 CAMEROON R. Busea; 2145 t/in hrd def. Af. mx w/bongos, etc. and occasional snatches of M in FF tlk; off by 2200 recheck--on 10/12, NA in clear at 2200:35 s/off, M in FF s/off anmts (Whitacre)
- 3975 GT BRITAIN BBC; 2135 M in Italian svc, W ancr, orch. interludes, 2144 M in EE w/ID and anmts (Whitacre 11/5) 0353 AA px, chanting, px to N. Africa (Earhart) 0645 FF/EE lang lessons (Cohen 11/2)
- 3980 W. GERMANY VOA-Munich; 0600-0615 EE, 0600 time pips, ID, nx, special feature on Lebanon (Herkimer 10/28)
- 3980 SOUTH AFRICA SABC; 0240-0245 EE/Afrikaans, pop mx, M DJ (Bryan 11/1) 0352-0402 EE/Afrikaans, ads, chime, hrd RSA theme mx (Poppin 10/19)
- 3995 ASIATIC SSR Nikolaevsk; 1347-1400 RR, RR popular mx, W DJ, IS and time pips at 1400; and same program on 4040 (Bryan 11/1)
- 3999 GREENLAND Gronlands Radio; 1010-1015 s/on, IS, 1015 W in lang w/nx (Shingler 11/5) 2246-2331 lang, pop mx with anmts by W, tlk by M 2317 (Corson 11/5) 2318 t/in hrd M in presumed Greenlandic, best ever; still here in spot checks 0105 w/M in tlk, and 0200 w/M ancr!! Never hrd this late before (Whitacre 11/5) 0050 M in lang, no TC 0100, tlk hrd till after 0206 (Young 10/27)
- 4020 CHINA RP; 1401-1406 KK, M in tlk (Bryan 11/1)
- 4030 ASIATIC SSR Anadyr; 0445, HS type px, HS IS 0500 (Young 10/26)
- 4035 TIBET Lhasa; 1105-1128 in CC, march mx, M in CC tlk, then W back 1123 (Moritz)
- 4040 ASIATIC SSR Vladivostok; 1347-1400 RR, popular mx, W DJ, IS and time pips, and off at 1400 (Bryan 11/1)
- 4050 USSR UNID; 1150-1200 in RR, station hrd here 11/10 (Barto) Haven't hrd this one, but maybe someone else can help out...ed
- 4055 USSR UNID; 1303-1307 RR, piano mx (Poppin 10/16)
- 4068 CHINA Hubeaote; 1407-1410 Mongolian, W in tlk (Bryan 11/1)
- 4104 UNID; 1250 Vietnamese type lang, light mx, tlk, seems non-Communist type format (Young 10/29)
- 4190 CHINA RP; 2245 W in CC tlk, 2252 rev. mx, good signal (Shingler 10/26)
- 4380 CHINA PLA-Fouzhou; 1417 CC, patriotic mx (Bryan 11/1)
- 4485 ASIATIC SSR Petropavlovsk; 0850-0910 presumed RR ID, mx TC, nx (Hoffmann 10/31) 1145-1200 RR, opera mx, tlk by M, RR vocals, time pips 1200 (Osterman 10/1, Florian 10/23) 1234-1421 light opera mx; pop mx 1421 w/M DJ (Poppin 10/16, Bryan 11/1)
- 4485 ASIATIC SSR Vladivostok; Vlad. organ IS and ID 0700, Tikey Okean and RS Unik IS at 0800 (Brookwell 10/22) Larry, what is Tikey Okean and Unik? Forgive my ignorance--I can see Okean(Ocean) but the rest.....ed.
- 4500 AUSTRALIA VNG; time marker //7500,12000,1100-1400 (Conover, Brookwell)
- 4520 ASIATIC SSR Palana; 0730 HS w/RR tlk, mx (Brookwell 10/16)
- 4588 USSR UNID; 1250-1302 RR, Mayak IS 1259, 1300 time pips and unreadable ID; first time noted since March 76; Mayak IS also at 1400, RR nx, anmts, mx (Junqua 10/19, Young 10/29)
- 4610t ASIATIC SSR Khabarovsk; RR px //4485 0832 (Brookwell 10/29) 1209-1217 in RR, TC "Govorit" 22 chasov 14 minoot" Zone is east of Khabarovsk (Poppin 10/16)
- 4620 CHINA RP; 1426 in KK, M in tlk, oriental mx (Bryan 11/1)
- 4635 TADZHIK SSR Dushanbe; 2347 classical mx, piano (Shingler 10/9)
- 4668 BOLIVIA LV del Yacuma; 0019-0024 in SS w/tlk by M, weak (Barto 11/8)
- 4879 ECUADOR R. Nac. Espejo; 0448-0540 Ecuadorian mx, full ID (Laves 11/7, Earhart) 0750 SS M & W in tlk (Brookwell 10/25)
- 4690t JAVA RKIP; 1302 Indo, poss. nx and anmts (Junqua 10/19) Location G1b?? Is this Surabaya you think you have...ed
- 4698 BOLIVIA UNID; 0200-0400 bits and pieces of Bolivian mx fading in and out--a Bol. straying? (Laves 11/7) Exactly, Alan..per Pitt McNeil this is R. Riberalta varying from 4694 up to 4698, hrd here with goos signals past few nights...ed
- 4700 UNID; 2250 continuous chanting to 0000*, AA; nothing listed (Burke 10/24) Sure about this frequency Lynn?...ed
- 4719 SULAWESI RRI-Ujung Pandang; 1240-1250 on 11/2, and again 1322 11/3 Indo, tlk by M (Lineback) 1431-1434 Indo, M in tlk, mx, mention "Surabaya" and "Ujung Pandang" (Bryan 11/1)
- 4720t BOLIVIA R. Riberalta; 1037 SS, tlk between M&W, no ID hrd (Yajko 10/17) Beware of Havana spur on 4720 which has been mistaken for Riberalta...ed
- 4721t CAPE VERDE IS RC Mindelo; 1000 PP w/anrc, S.Sea songs with drums and xylophone, same freq. as SSB Andrews Air Force Base (Brookwell 11/1) Had misgivings about putting this item in, and maintain that this is a highly questionable logging...ed

- 4725 BURMA BBS; 1100t in Burmese, SS, mx w/anor (Brookwell 10/21) 1150-1200 in lang, lcl mx (Sarto 11/15) 1327 lcl mx, W in tlk, chimes 1330 (Bryan 11/2)
- 4738 BOLIVIA R. Abaroa; 0125-0135 SS/Indian lang, Indian mx, tlk by M&W (Bryan 11/1) 0130 lively mx, yelling, singing, anmts in SS (Young 10/24)
- 4740 UNID; 1005 SS, music, 1000s/on--very weak, a Bolivian (Field 10/12) How about Abaroa, listed s/on 1000...ed
- 4755 COLOMBIA Em Nuevo Mundo; 0540-0555 group singing with fife and drum type background (Earhart 11/7) 1102-1125 in SS with ads, tlk by LJ (Johnson 11/2)
- 4755 BRAZIL R. Dif de Maranhao; 2222-2230 PP, M w/tlk, ID, (Mayer 10/18)
- 4760 VENEZUELA R. Frontera; 1000, SS ballads, V in tlk, ID (Vokes 10/28) 1025 ID hrd with ad following (Field 10/12) 1100 poor w/SS ID's & IA ballads (Laves 10/30)
- 4764 SUMATRA RRI-Medan; 1203 M in Indo, very nice signal (Shingler 11/7) 1340-1347 Indo, two men in tlk, brief mx and more tlk after (Bryan 11/2)
- 4765 CONGO IVR; 2250-0016 FF, Af. mx, Congolese tunes, tlk (5 rpters) 0405-0526 in FF, NA, ID, freqs 0400 (Mooney 10/16, Brookwell)
- 4765 ECUADOR C.R.E.; *1044 SS, NA, ID, freqs (Jones 10/21) 1106 ID "Informativos a Dios?" or something to that effect (Laves 10/29)
- 4770 LIBERIA ELMA; 2145-2230 w/Religious programming, VOA mx, all in FF (5 rpters) 0657-0705 FF, M w/ID, and M w/nx (Bryan 11/1)
- 4770 VENEZUELA R. Bolivar; 0025 through to 0200 IA mx, lots of singing ID's (Cress, Hywarren, Mooney) One additional rpt from Kubak for R. Coleba--no go; to my knowledge there is no such station--please check references RRTVH, FRIENDX...ed
- 4775 JAVA RRI-Jakarta; 1250-1255 typical Indo px and good signals until 1255 when UTE wiped em out; R. Afghanistan sked *1300 here (Laves 10/30)
- 4775 BRAZIL Voz do Oeste; 2316-0003 PP, tlks by V, mx at good level, also some ads (Tuchscherer 10/18, Field 10/19)
- 4775 BOLIVIA R. Dif Tropico; 1000-1013 SS, ID and IA mx to 1013 when lost to UTE (Tuchscherer 10/28) Your UNID Marlin....?..ed
- 4777 GAMBIA RTVG; 2230-2315 FF, mx, anmts, ID and nx 2300 (Bishop 10/7, Schwartz) 0447-0504 FF, string mx, vocals, M in tlk (Bryan 11/1) 0510-0530, mx px w/DJ, rock mx (Hancock 10/16)
- 4780 ARAB & ISAM FR3; 0314-0338 in lang, different Arab type mx, vocal and inst., no anmts (Boomer 10/8)
- 4780 ANGOLA R. Baku; 2140-2145 semi-classical mx to 2159* (Shingler 10/29) Lang for above.....ed
- 4780 VENEZUELA Voz de Carabobo; 1015 SS, mx, tlk and ads (Tannenwald 10/16) 0120 SS, ID in SS (Conover 10/22)
- 4782 BHM REP R. Korte; 0315-0331 SS, ID's and IA mx, TC's (Tuchscherer 11/1)
- 4783 MALI Rdif Nationale; 0650-0656 FF, I in tlk, IS (Bryan 11/1) 0700 FF, ID and mx, lcl mx after (Bishop 10/8)
- 4785 TANZANIA RT; 1520-1600 Swahili, tlk, 1522 Af. mx, 1600 ID and nx (Junqua 11/2) 0305-0340 Swahili, soft drum beats, Afro. mx and what sounded like a speech, chanting after s/on anmts--is not //3339 (Corson 10/12, Young 10/28)
- 4785 CHINA Yunnan J&T; 1014 fighting ute, W w/CC tlks; is sked //4759inaudible (Laves)
- 4785 BRAZIL R. Ribamar; 0125 PP tlk, anmts, mentioned "Sao Luis" (Vokes 11/7)
- 4790 ECUADOR Sistema de Em. Atalaya; 0450-0510t/o SS, mx and ballads (Earhart 11/7)
- 4790.2 PERU H. Atlantida; 1030 SS, mx and tlk, ID (Tannenwald 10/16) 0355-0440 SS, ads for "Inca-cola" good ID and LA pops; 0440 TC-"11:34 en los estudios de R. Atlantida la fabulosa" (Roberts 10/26, Hauser 10/29)
- 4790 BANGLADESH RR; 1604-1612 Bengali? lcl mx, covered at 1612 (Junqua 10/16)
- 4795 ECUADOR LV de los Curas; 0445-0545 SS, IA mx, NA, s/off (Cain, Miller 11/7)
- 4796 BOLIVIA R. Nueva America; 0200 IA type programming, very readable (Laves 11/7)
- 4799.8 ECUADOR R. Pop. Independiente; 0614-0640 SS, vocals, IA mx, TC, ID 0636 as "R. Popular...." (McLaughlin 10/10)
- 4800 VENEZUELA R. Lara; 1005 in SS, mx and TC's, ID (Tannenwald 10/16) 2315 in SS, mx lengthy ID (Burke 10/17) 0340-0357* W gave ID and freq at s/off, then NA and off (Earhart)
- 4800 CHINA RP; 1348-1354 CC, political tlks, hymns, M&W (Bryan 11/2)
- 4805 JAVA RRI-Jakarta; 1229-1301 Indo, chanting type mx, Love Ambon 1258 and into nx (Corson 10/14)
- 4806 BRAZIL R. Dif Amazonas; 0122 PP nxcast, ID (Vokes 11/7)
- 4806 SAO TOLE & PRINCIPE R. Mac; 2123-2158 in PP w/guitar mx, vocals (Smith 11/6)
- 4810 GALAPAGOS IS LV de Galapagos; 2340-0403 in SS, Ecuadorian and LA mx, TC's, anmts, some rel. programming; chirping birds and NA at s/off (12 rpters)
- 4815 PERU R. Samaren; 0650 SS, U.S. pop mx, ID (Cain 11/6)
- 4815nf COLOMBIA R. Guatapuri; 0410-0545 SS, IA mx, TC's and ID's (6 rpters) This should have been listed in last month's LR-A but I misplaced Marlin Field's rpt, sorry Marlin....ed
- 4815 CHINA RP; 1200 IS, M&W w/ID's, rev. mx and excerpts from speech, listed Mongolian (Whitacre 10/24)

- 4816v COLOMBIA R. Guatapuri; 1056 strong with ID/jingle, then nx (Laves 10/29)
0420-0628 SS ID's, LA mx, ads, moved up 1 khz. (5 rpters)
- 4817a BOLIVIA R. Nac; 0250-0259 SS, tlk by M, anthem at s/off, got one word "La Paz"
Bryan 11/1) Needs some further checking..ed
- 4820 ECUADOR R. Paz y Bien; 1002 ID and mx, no sign of Tricolor (Field 10/25)
- 4820 VENEZUELA R. Tricolor; SS vocals, then ID at 0603 (Hywarren)
- 4820 HONDURAS HRVC; 2345-0500* EE, rel. programming, mx (5 rpters)
- 4820 ANGOLA R. Nac; 0525-0536 in PP, mx and vocals, tlk by M (Bryan 11/1)
- 4825 ECUADOR R. Luz y Vida; 0928 in SS, LA mx, ID after each song (Brookwell 10/30)
0351-0354* SS, LA mx, tlks, ID and s/off w/NA 0354 (Florian 11/4)
- 4825 DOM REP LV de las Fuerzas Armadas; 0255-0305 SS, pops and instrumentals, ID's as
"La emisora cultural, LV de las Fuerzas Armadas, de la Republica Dominicana"
(Moritz 11/5) 0330-0358* LA & US mx, ID's, freqs--AM, FM, SW--NA at s/off 0358,
(Drennan 10/12, Earhart 10/10)
- 4825 GUATEMALA R. Mam; 2318 with LA mx, SS, battling w/Fuerzas Armadas (Miller 11/5)
0235-0305 SS, marimba mx, tlks by M, good ID 0302 (Roberts 10/28)
- 4829.3 PERU R. Apurimac; 0345-0357* SS, EE pop mx, W in tlk, ID, NA (McLaughlin 10/8)
Beware of s/off of R. Tachira; Apurimac often goes beyond 0400...ed
- 4830 GABON RTVG; 2221 FF, tlk by M, native vocals, ID (Florian 10/10)
- 4832 COSTA RICA R. Reloj; 1125-1130 pop mx, ID (Johnson 11/2) 0130-0300 in SS w/LA
mx, ID's (Drennan 10/15)
- 4835 GUATEMALA R. Tesulutlan; 2323 ID, as loud as R. Reloj (Field 11/5) 0009-0023
SS, instrumental mx, many ID's (Cress 10/20) 0030 SS, xylophone mx, complete ID
0033 and suddenly off 0036 (Whitacre 10/21, Florian 10/17) 0014 (Jones 10/26)
Two rpts of 0036*...ed
- 4835 UNITD; EE lang, nx 0030 and ID-"This is shortwave service of....." and three
freqs, given including 4835; after 0030"BBC World Svc", mx program (Field 10/11)
- 4840 VENEZUELA R. Valera; 1003 SS, ads, LA mx (Jones 10/14) 0218-0333 SS tlk, ment.
Maracaibo (Laves 11/7, Miller 11/6)
- 4840 CHINA PLA-Fouzhou; 1355-1401 CC, battle hymns, M and W (Bryan 11/2) 0727 M and
W in tlk, inst. mx (Brookwell 10/14)
- 4843 CONGO Pt. Noire; 0405-0423 in vernacular, regional svc, group chants (McLaughlin
10/78) Pt. Noire, by the way, means "Black/dark" point...ed
- 4845 MOLUCCAS RRI-Ambon; 1320 Indo, man w/tlk (Lineback 11/3)
- 4845 BOLIVIA R. Fides; 2030-2125* SS, rel. px (Hancock 10/11) John, is that s/off
2125? If so, what happened to Nouakchott--isn't this a bit early for Fides to
be signing off..ed
- 4845 MAURITANIA Rdif Nationale; 2325-2351 chants from Koran, AA, and s/off 0002 w/NA
(Florian 10/7, Schwartz 10/7) 0600-0635 AA, chants, native songs, anmts (Hancock,
Bryan 11/1,)
- 4845 BOTSWANA RB; 2143 in Setswana, lcl mx, tlk (Yajko 10/17) *0355 w/IS, cowbell and
animal sounds, NA 0359, Setswana ID by W, and into mx, sometimes a sermon also
(Osterman, Herkimer, Bryan, Hywarren)
- 4850t UZBEK SSR Tashkent; 1201 with classical music (Shingler 11/7)
- 4850 VENEZUELA R. Capital; 0110 SS, wild LA pop mx, ID (Miller 11/4)
- 4850 DOM REP R. Clarin; 0430-0445 semi-classical/piano mx, SS, one ID (Earhart)
- 4853a YEMEN R. Sanaa; 2000-2100 M in AA tlk to 2015, AA mx/anmts, chants (Moritz 10/30,
Padula 10/25, Shingler 10/31) 0317 in clear, AA chanting (Laves 11/7) 1423 AA
chanting here weakly, tlk by M voice (Young 10/27)
- 4855 BRAZIL RC do Para; 0318-0335 all tlk to 0327, when Sao Paulo mentioned, 0332
mx interlude, ads and ID (Earhart 10/18)
- 4860 UNITD; 2114-2200 in EE, very hearty DJ with 50's and 60's pop and rock mx, tlk,
no ads (Osterman 10/30)
- 4860 PERU R. Chinchaycocha; 0455-0500 SS, Andean vocals, ID and TC at 0457 and into
pop vocals (Roberts 10/18) 0514 ID, then Andean mx (Hywarren)
- 4865 AZORES Em. Reg dos Acores; 2114-2117 M in PP tlk, song at 2117 (Shingler 11/2)
- 4865 MOZAMBIQUE RM; 0617 in lang, Af songs, some excited talk, slow drum & dinner
gong IS (Brookwell 10/25)
- 4870 BENIN LVR; 13 reporters--2103-2302* political tlk in FF, local singing w/shouting,
shouts of "Revolution", slogans, FF and vernacular; ID, NA, s/off 2302; one report
has 0200* on 11/7; 0518 past 0630 with *0512, ID in FF, into militant chants
against imperialism, colonialism, one night w/*0430
- 4870 ECUADOR R. Rio Amazonas; 0045-0105 SS, beautiful mx, vocals of rel. nature, Indiar
lang (Cress 10/26)
- 4871 WEST IRIAN RRI-Sorong; 1148 Indo, vocals, tlk by W (Florian 10/11)
- 4875 BOLIVIA La Cruz del Sur; 0233 EE/SS w/s-off anmts, 15 minutes earlier had BBC nx
relay (Hywarren)
- 4875nf IRIAN JAYA RRI-Sorong; 1241-1318 Indo, US style pop vocals by W, brief anmts,
theme, pips, positive RRI ID and nx at 1300 (Lineback 11/3) 1243-1338 Indo pops,
"Love Ambon" 1259, pips and into nx, followed by a speech w/mentions of "President-
ial"; assumed Sorong since no sign on 4871 (Corson 11/3)

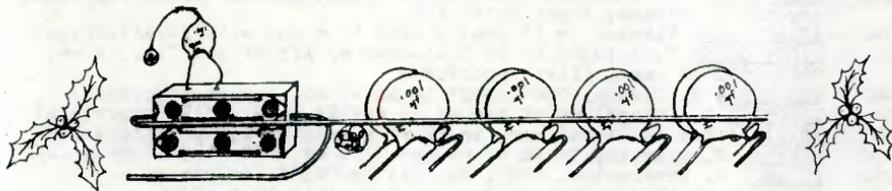
- 4875 COLOMBIA Ecos del Combeima; 0307-0544 SS, LA mx, ID's, anmts, "Super" net promo, and 0652-0850 with the same, mx, M DJ, LA mx (7 rpters)
- 4876.3 COLOMBIA Ecos del Combeima; 1130 & 0322-0405 in SS, LA mx--is now up 1 khz. from above 4875 (Johnson 11/2, Wiseblood 11/1)
- 4880 VEZUELA R. Universo; 2250 with SS tlk, ID 2300, mx, tlks, sports(Tannenwald)
- 4880 DOM REP R. Comercial; 0317 in SS, clear ID, jingles, LA mx (Miller 11/7)
- 4881 DOM REP R. Comercial; 0328-0345 SS, LA mx, ID (Tuchscherer 10/20) 0525-0545 SS, ID (Hoffmann 11/6)
- 4883 CHINA RP; 1215 w/CC tlk by W in //4905; seasonal freq (Whitacre 11/7)
- 4885 COLOMBIA Ondas del Meta; 0335-0350 in SS, light mx, anmts, ID and TC at 0340 (Roberts 10/27)
- 4885 KENYA VOK; 1459-1512 Swahili, mx, rx at 1500, martial mx 1510, 1511 ID by W and lcl pop mx (Junqua 11/2)
- 4885 SUNATRA RRI-Bukittinggi; 1322-1332 Indo, lcl pop vocals, 1330 lcl reed mx and tlk (Junqua 10/19)
- 4885 PERU R. Huancavelica; 0453-0504 in SS w/vocals and inst Peruvian mx, several ID's, (Barto 11/11)
- 4890 VEZUELA Rdf Venezolana; 0955-1045 in SS, "Estacion de Alegria" mx, ID's (Hoffmann 10/31, Tannenwald 10/16) 0256-0400* w/LI, NA (Rubak 10/10, Hywarren, Bryan 11/1)
- 4890 SENEGAL Radiodiffusion du Senegal; 2214 FF, cnty by W, ID (Schwartz 10/6) 0630 in FF, with AA chanting, ID and rx 0700 (Bishop 10/7)
- 4890 PAPUA NEW GUINEA NBC; 0805-1300* EE, lcl rx and wx 0805, mx px, US pops, NA at s/off (10 rpters)
- 4891 EQUADOR R. Centinela del Sur; 0444* SS anmts then NA to 0446 (Hywarren)
- 4895 COLOMBIA Brisas del Citara; 0312-0335 SS, typically Colombian mx program, ads, TC and ID noted (Roberts 10/27) 0420-0435 SS, LA mx, vocals (Cress 10/25)
- 4896 UNID; 0436-0500* in SS, lively mx w/percussion & singing--am sure of freq and lang (Bogel 10/26)
- 4900 VEZUELA R. Juventud; 0318-0322 SS, LA mx, anmt, ID's (Rubak 10/10) 0349-0355 mx, James Brown and Led Zeppelin, LA mx also to NA and s/off 0400 (Miller 11/6, Wiseblood 11/5)

That's it for this month. Before I depart on a long-needed vacation, I want to say thanks to the some 92 reporters we had this month for LR-A. Throughout this DK season, LR-A depends on support like this to provide a reasonably accurate compilation of stations in the low frequency range. A brief word about harmonic reports: Harmonic DXing is a legitimate part of SWL/DXing. Many of us enjoy chasing low frequency harmonics, domestic as well as foreign, and this includes myself. Any harmonic warranting inclusion will be included. But, in the past, I have received domestic harmonic reports which, in my opinion, did not warrant such inclusion. When a domestic harmonic appears on a frequency used by a legitimate SWBC station overseas (i.e. 3120 WAGC, Centre AL), it is obviously important for listeners to be aware of this. Well, enough said.

One other thing: Please try to remember to put names on every item, and please write legibly, especially new reporters. I am pleased to see so many new reporters to LR, but I wouldn't want to lose you just because I couldn't read the name on an item or envelope, right?

73's and good listening...DAN

HELPING HAND: For sale, Unelco #1914 1 year old, 9-19MHZ, superhetrodyne, excellent condition. Received 60 countries with this--great as XMAS gift. \$38 post paid. Also, Science Fair Globe Patrol, .55-30 MHZ, assembled with manual. \$18 postpaid. For both, contact Dave Sarrazin, 2743 S. Vrain St., Denver, CO 80236.



Log

SECTION B
4900 - 6200

EDITOR: SAM BARTO
DECEMBER EDITOR: JOE DILEO

Report

DESIGN: INTERNATIONAL CLUB FOR
DXing and COMMUNICATIONS



I would like to thank ace Connecticut DXer Joe DiLeo for editing this months column. I will be hospitalized for a short period with an ear infection. I truly appreciate Joe stepping in and helping out. Check the next section for Joe's logging of Radio Andorra. Well, you can take over.

- 4904.5 CHAD RNT, N'djamena, *0430-0500 in FF w/ IS, NA, and Afr mx. Also, 2030-2100 w/ Afr mx. (Bishop)(Schwartz)(Mooney)
- 4905 BRAZIL R. Relogio2220-2300 w/ typical PP tlk and mx. (Masca)(Cain) Also 0230- w/ time pips and PP tlk. (Volces)
- 4905 CHINA RP, Nanning, w/ man in CC, Probably nx. (Whit)(no time?-ed.)
- 4905 ETHIOPIA ETLF, *0255-0315 w/ IS into LL and pgm of local chants. (Laves, Mooney 11/7)
- 4908v CAMBODIA Phnom-Penh, 1215-1315 in LL w/ mx, tlks.(five reporters)
- 4910 ECUADOR Emisora Gran Colombia *1100 in SS w/ NA and mx.(Jones 11/6) 0200-0315 w/ sports pgms. (Miller, OH)(Roberts)
- 4910 GUINEA Conakry hrd at 2340 w/ Afr mx in Vern. (Schwartz,10/13)
- 4915 BRAZIL R. Dif. Macapa, 0250-0300* , PP w/ Brazilian pops and an abrupt s-off. (Roberts, 10/27)
- 4915 CHINA Nanning in CC w/ speeches 1220-1230 // 4905. (Lineback 10/24)
- 4915 GHANA GBC-1 0545-0620 w/ Afr mx, nx at 0600 in EE. (Ravenhorst, Hancock, Bryan, Schwartz)
- 4915 KENYA V. of Kenya hrd from 0325-0400 fade in LL w/ tlks and a request pgm. (Whit, 9/30)
- 4917.5 MOZAMBIQUE site unknown, here w/ IS and NA// 4896, 3338. Hrd one day only, 10/27.(Young)
- 4920 AUSTRALIA ABC, Brisbane in EE from 0700 f/in to past 1300 w/ tlks nx, mx, and cmntry. (Conover, Tannenwold, Wiseblood)
- 4920 UKRAINIAN SSR RMoscow fr Kiev w/ mx and tlks. RR. (Beaudoin, Schwartz)
- 4921 ECUADOR R. Quito, 0400- in SS w/ tlks. (Florian)
- 4925 MANCHURIA Haerpin in CC w/ anthem, tlks.(Hoffman),also 1412-1415 w/m and w tlking. (Bryan)(Wiseblood)
- 4925v COLOMBIA Em. Meridiano 70 in SS w/ US and LA mx nitely now, hrd s-off at 0241. (Jones10/11)(Smith 10/31)(Tuchscherer 10/21)
- 4930 GEORGIAN SSR Tblisi w/ pips at 0200 in RR w/ om and yl and some orch mx. not // 5040. (DiLeo)(Shingler)
- 4930 UNID in RR w/ pips at 2200;also 0059 w/ Mayak IS. (Shingler 10/29)
- 4935 PERU R. Tropical in SS w/ tlks on Peru. (Laves 10/30)
- 4935-6 UNID Asian in tonal oriental lang at 1220, gone by 1250. Any ideas anyone? (Lineback, Young both 11/7)
- 4940 ASIAN RSPSR Yakutsk in RR poetry read by m and w,1412-1427(Bryan)
- 4940 IVORY COAST R. Abidjan in FF 2215-2245 w/ Afr mx and Tlks. Also, 0605-0630 w/ same. (five reporters)
- 4940 VENEZUELA R. Yaracuy 0200-0400* in SS w/ mx. (seven reporters)
- 4945 COLOMBIA R. Colosal on 24 hrs w/ SS and LA pops. (five reporters)
- 4947 BRAZIL A Voz Sao Francisco, in PP w/ sports at 2315. (Volces 11/7)
- 4950 SARAWAK R.Malaysia, in EE w/ nx and ID's at 1428- 1432.(Bryan 11/2)
- 4960 ECUADOR R. Federacion, 0250, SS,tlks to 0258*.(Volces)
- 4960 CHINA RP in CC w/ woman tlking at 1235. (Lineback 11/2)
- 4965 COLOMBIA R. Santa Fe in SS w/ LA pops 0300-0640.(Grenier, Bryan, Poppon)
- 4970 VENEZUELA R. Rumbos, in SS w/ LA mx and nx, 0200-0430. Also, 0945-1015 w/ same. (eight reporters)
- 4970 SABAH Kota Kinabalu hrd at 1435 in EE w/ nx. (Bryan 11/2)

- 4972 ECUADOR R. Tarqui, SS, 1110-1131, nx and ID by om. (Tuchscherer)
- 4972.5 CAMEROON R. Yaoude good sigs at 2055 in FF w/ Afr mx. (BP 10/25), also 0511 in EE w/ nx and tlks on Africa. (Miller, OH, 11/6)
- 4980 GHANA GBC-2, Ejura in EE 2130- w/ rel. tlks. also, 0600-0630 in EE w/ tlks, nx. (nine reporters)
- 4980 VENEZUELA Ecos del Torbes, in SS 0015- w/ LA mx. (five reporters)
- 4985 BRAZIL R. Brasil Central, PP, 0200-0700, w/ typical Braz. format of PP pops and annmmts. (Bryan, Filka, Earhart, Rubak, Bogel)
- 4985t MALASIA Penang in LL at 1313, no ID hrd. (Hoffman 11/7) (see below ed)
- 4986 INDONESIA RRI, Ujung Pandang, II, 1255-1301, mx, tlks, ID not positive. nx at 1300. (Lineback 11/7) (be careful of these two, ed.)
- 4990 NIGERIA NBC, Sogunle, EE, 2145-2306*, Afr. mx, nx, tlks, pledge of allegiance and NA at s-off. (Bryan, McCoy, Mooney, Osterman)
- 4990 VENEZUELA R. Barquisimeto, SS, 0043-0357*, LA mx w/ many ID's, jingles and time chex. (Conover, Rubak)
- 4995 PERU R. Andina, Huancayo, SS, Andes flute mx 0400- 0445. (Conover, Field, Roberts)
- 5010 CAMEROON R. Garoua, FF, 2040-2202*, w/ Afr mx and ancmts off w/ NA followed by drumbeat. (BP, 10/25) (Whit, 10/7)
- 5010 COLOMBIA R. Surcolombiana, SS, 0315-, LA mx. (Rubak)
- 5010 PERU R. Eco, w/ LA pops and some US, 0100-0430 in SS. (six reporters)
- 5014.9 GERMANY EAST "Oskar Victor" alternating w/ electronic mx ID sig at 0401; into GG numbers at 0405. (Hauser, TN)
- 5015 ASIAN RFSR Vladivostok in RR w/ tlk and some classical mx, 0605-0730. (Brookwell, Bryan), also 1335, PR, w/ ID and mx. (Hoffman)
- 5015 BRAZIL R. Cult. de Cuiaba, PP, 0215-, w/ DJ, mx and ID. (Bryan 11/1)
- 5015 KARELIAN SSR, Archangelsk w/ om in RR at 2135. (Shingler 10/29)
- 5020 COLOMBIA Ecos del Atrato, at 2250 in SS w/ mx, ID, time chex. Tannenwold 10/15)
- 5020 NIGER ORTN, 0540-0608, FF, w/ Afr mx, nx at 0600. (Bishop, Schwartz)
- 5025 BRAZIL, Unid w/ PP tik at 2220. (Field) (most likely Borborema, ed.)
- 5025 PERU R. Quillabamba, 0006-, in SS w/ LA pops and ID. (Jones, Miss.)
- 5025 ECUADOR R. Splendit at 0412 w/ LA mx, tlks, and ads. (Florian 11/4)
- 5026 UGANDA UBC, 2058-2105* w/ orch mx in EE, nx, NA at s-off. poor. (Whit 11/5)
- 5030 SARAWAK R. Malaysia, LL, 1438-1444 w/ pop mx. (Bryan, 11/1)
- 5030 VENEZUELA R. Relog Continente, 0225-, SS tik by om. (Bryan, 11/1)
- 5035 KAZAKH SSR Alma Ata w/ relay of RM in CC at 0100. (Shingler, 10/29)
- 5037.5 UNID stn here w/ light mx, tlking in LL at 1128. (Young, 10/27)
- 5038 CENTRAL AFR. REP. Bangui here in FF from 2050- 2300*. Also from 0440 w/ Afr and rock mx in FF. (twelve reporters)
- 5039 BURMA Burma BC 1130-1300 in Burmese w/ YL and Asian mx. sigs very good most days. (seven reporters)
- 5039 SUDAN R. Omdurman in AA w/ Koran at *0400-0415. (Florian, 11/4) (Lineback, 10/11), also hrd at 2040 w/ pol pgm in AA hetting against Bangui. Stn still QSL's as 4994 tho not hrd there. (BP, 10/25)
- 5040 COLOMBIA R. Cinco in SS 0400- w/ Caracol pgms. (Field, Roberts), also at 0850 in SS w/ LA pops. (Moritz)
- 5040 PERU R. Lib. de Junin 0440 -0500 in SS w/ Andean vocals and ID's w/ time chex. (Roberts, Field), also 0730*. (Brookwell)
- 5040 VENEZUELA R. Maturin in SS, 2345-, w/ mx. (Field, Jones)
- 5041 GUINEA-BISSAU R. Dif. Nac. hrd at 2253 in PP w/ cont. mx. (Conover)
- 5041 UNID Indonesian here but terrible het from Burma. needs checking. (no time? ed) (Young, 10/27)
- 5045 BOLIVIA R. Altiplano in SS at 0750 w/ LA mx, ancmnts. (Brookwell)
- 5045 BRAZIL R. Presidente Prudente from 0040-, w/ mx and much tik in PP. (Field) also, to 0305* w/ same. (Tuchscherer 11/1)
- 5045 COOK ISL. Raratonga at 0800 hrd in EE // to R. Australia 5995, very weak, // established at 0759 w/ "Waltzing Matilda". Also hrd as late as 0849 in EE w/ South Seas mx but no ID hrd. (Barto, Laves, Vokes, Young, all on 10/30), (Junqua, 10/14)
- 5045 UNID hrd at 0937 w/ bird calls, seagull cry, rooster crow over mx from Bolivia. any ideas? (Brookwell)
- 5047 TOGO Lome in FF 2245-2303 w/ western and afr. mx. (Drennan, Yajko)
- 5050 VENEZUELA R. Mundial at 0840 in SS w/ mx, time, ads. (Tannenwold)
- 5052 SINGAPORE R. Singapore hrd 1337-1347 in EE w/ nx which may have been BBC. wk. (Hoffman, 11/7), also at 1449 w/ EE nx, comment by m and w. (Bryan 11/2)
- 5057 ALBANIA Gjirokastra at 0504 in LL w/ piano exercise mx amd male announcer. (Young) also at 2105 in LL. (Shingler)
- 5060 ECUADOR R. Nac. Progreso in SS at 0208 w/ folklorico mx and at 1106 in SS w/ mx and ancmnts. (Jones, Moritz)
- 5060 YEMEN Aden in AA at 2107 w/ AA vocal mx. (Shingler, 11/2)
- 5060 INDONESIA Unid hrd 1245-1255 in II vy strong w/ tik. (Mayer 11/1)
- 5065 KARELIAN SSR Petrozavodsk at 0650 w/ classical mx, IS at 0659 into RR at 0700 // 4780. (Shingler 11/5)
- 5075 COLOMBIA R. Sutatenza, SS, w/ mx, ID's at 0030-0320. (Bryan, Mooney)

5075 CHINA R. Peking at 1340 in CC w/ patriotic hymns. (Bryan 11/4)

5095 COLOMBIA R. Sutatenza, SS, m and w tlk at 0029. (Mooney, 10/19)

5751 USA VOA hrd here at 0325 in EE w/ "Breakfast Show", not SSB as reported in Sept. FRENEX. (Brown, 10/11)

5900 ISRAEL IBA reactivated here and hrd w/ gd sigs at 2230-2300 when nx and "Calling All Listeners" hrd in EE. (Hauser, Zilmer)

5910 ASIAN RSFSR Krasnyarsk or Vladivostok here in RR w/ mx, nx, ID for RM at 0900. (Brookwell)

5915 RSFSR R. Moscow, 2250-2255* in RR. (McLaughlin), 0100- R. Peace and Progress hrd in SS w/ speeches and tlks. (Huchins, Brown)

5920 RSFSR R. Moscow at 2005 in EE w/ mx, cmntry in the European Service. Also featured tlk on workers DX Club. (Beaudoin)

5930 CZECHOSLOVAKIA R. Prague in EE at 0100 w/ nx. (Schwartz, Pearson, Bernstein)

5940 RSFSR R. Moscow in EE from 2300 w/ nx, cmntry, features, and mx. (Florian, Watson)

5950 MANCHURIA hrd w/ CC ID and mx at 0930. also hrd at 1356 in CC w/ tlk by m and w and some mx. (Bryan 11/4) (Brookwell 11/3)

5951a ECUADOR R. Cuenca hrd at 1048-1110, SS, w/ beautiful folklorico mx and ancmnts by man in echo effect. VOA QRM after 1053. (Barto, Miller, Moritz, Tuhscherer)

5951a PERU R. Arequipa hrd *1035- in SS w/ LAMx, ads, ID's. (Miller, OH, Jones, MISS), also to 0405* w/ same. (Tuhscherer) (make sure on these two. Earlier reports indicated Arequipa slightly above Cuenca tho not apparent in the reports I received. Cuenca format generally soft w/ Andean typemx while Arequipa plays LA pops, ed)

5954 COSTA RICA R. Casino at 0445 in EE w/ mx, time chex. (Beirs)

5955 GUATEMALA R. Cultural on late w/ hymns in EE. (BP, 10/16)

5960 ANTIGUA DW activated here 11/6 in EE w/ IS at 0528. better than 6100, but weaker than 6185 direct from Germany. (Hauser, 11/6)

5960mf CANADA RCI hrd testing 11/7 and then w/ regular programs 11/8 at 0330 in FF w/ nx. (Hauser, Luce, Poppin)

5960 JAPAN R. Japan, 1047-1100* in SS w/ mx. (Jones, 11/9)

5965 BOLIVIA R. Nac. Huanuni 0955-1017 hrd w/ martial mx followed by om in SS w/ clear ID at 1000. Pleased w/ this one! (Moritz 10/16)

5965 HUNGARY R. Budapest, EE, at 2130 w/ international nx. (Schwartz)

5965 MALAYSIA Kuala Lumpur hrd w/ classical guitar mx in LL at 1425-1435, ancmnts by om. (Wiselood 11/6)

5967 DOM. REP. RTV Dominicana, SS, 2055 w/ nat'l lottery results running // to Clarin on 11700. (Krueger, 10/10)

5970 ASIAN RSFSR Khabarovsk hrd at 1400 in RR w/ ID (Bryan, 11/4)

5970 PORTUGAL RFE in CZ at *0600 w/ nx by yl. (Earhart Kae)

5980t LITHUANIAN SSR R. Vilnius possibly the one here in EE at 0112 w/ yv heavy QRM. (Hauser, TN)

5980 SOUTH AFRICA RSA here in EE at 2100 w/ nx and again at 0300 to Africa w/ EE nx. (BP, Bryan, Florian, Poppin)

5985 VATICAN R. Vaticana w/ EE rel. nx 0100-0115. (Pollard)

5987 CELEBES RRI, Menaos hrd at 1430 w/ II ID then soft instr. mx at fair level. (Mayer, 11/2)

5990 JAPAN NHK at 1300 in EE/JJ w/ ID for GOS under BBC. poor. (Brown)

5990 RUMANIA R. Bucharest, EE, W/ nx at 0130 followed by pgm on a Youth Club in Rumania. (Zilmer)

5990 USA VOA ctivated some special freqs for the election returns on 11/3 including this one hrd 0127, EE. (Hauser, TN)

5995 ASCENSION ISL. BBC 2200- I note question about site- according to sked this was Ascension. (Legge), also hrd 0013 in PP at closing // 9765. (Hauser)

5995 AUSTRALIA R. Australia, Lyndhurst, EE at 1407 w/ nx, ID. (Bryan)

5995 PHILIPPINES VOA in EE w/ transmsn to SEA at 1215) (Conover, 10/10).

5995 USA VOA, Greenville 0300-0545 w/ EE pgm of mx. (Edelstein, Richardson)

6000 BRAZIL R. Inconfidencia at 2305 w/ tlks, mx, ads. (Florian 11/8) PP.

6000 CANADA RCI, 0130-0230 in SS/EE w/ mx, weekend mag. (Nebron)

6000 SAUDI ARABIA BSKSA, Riyadh, at 2035 w/ om reading nx followed by AA music, all in AA. (Mayer, 10/31) (Shingler, 11/2)

6000 ASIAN RSFSR Uaid site in RR at 0936 w/ ID for youth station and pgm of mx. (Poppin)

6005 ASCENSION ISL. BBC, EE, 0205 w/ nx cmntry. also at 0520 in EE w/ pop mx. (Bogel, Hoffman)

6006 COSTA RICA R. Reloj hrd at 0527 w/ LA mx, time chex. (Edelstein)

6010 RSFSR RM w/ EE pgm concerning Kamachka at 2117. (Mackay)

6010 VENEZUELA R. Los Andes in SS at 1058 w/ LA mx, ID's. (Jones, Miss)

6015 AUSTRIA ORF, Vienna hrd at 0430 in EE w/ nx, sports. (Pollard)

6015 BRAZIL R. Clube de Pernambuco in PP at 0148 w/ tlk by om. (Bryan)

6015 NEW ZEALAND RNZ*1034-1215* in EE w/ mx, nx, sports and features. (Florian, Jones, Zilmer)

6020 USSR RM, EE, 2320-, w/ mailbag followed by weather. (Woltman)

- 6025t MALAYSIA RM, Kuala Lumpur, 1258-1307 in LL w/ om and y1 in tlk. no ID but possible IS of bells w/ chimes. (Osterman, 11/1)
- 6025 NIGERIA NBC, Enugu in EE at 2112-2305* w/ Afr vocal mx, nx at 2300. (Lineback, 10/25)(Shingler 11/8)
- 6025 PORTUGAL R. Portugal, 0230- w/ EE to NA. (Davenport)
- 6025 UZBEK R. Tashkent hrd 1200-1310 in EE to 1230 into LL w/ native music and tlks. (Jones, Roberts, Osterman)
- 6030 JAPAN R. Japan in RR at 1230 after ID in EE/JJ. fair. (Petrawick)
- 6034.5 COLOMBIA R. Nacional tent here in SS w/ all classical mx but no ID due to het against Brazil at 2335. (Hauser, TN, 11/7)
- 6035 LIBERIA VOA, Monrovia opened early 10/16 for election debates and heard at strong level *0200 in EE. (BF)
- 6040 ANTIGUA DW 0130--0150 in EE to NA at vy strng level. (Brooks, Conrad, Hauser, Rojewski)
- 6040 E. GERMANY RBI hrd in SS at 0020 and again at 0226 w/ LA pgm of tlks. (Jones, Mooney, Schwartz)
- 6040 UKOGBANI VOA Wooferton at 2050-2105 in EE w/ nx at 2100. (Kae)
- 6045 AUSTRALIA RA, Lyndhurst, 1155-1300, in EE w/ various pgms and features, // 5995. (Jones, Conover, Osterman, Richardson)
- 6045 BRAZIL R. Clube Paranaense w/ PP tlks, ads. fair at 2348. (Laves)
- 6045 FRANCE RFI at 0500 hrd in FF under SBC. (Noonan)
- 6045 SWEDEN R. Sweden in SW at 0205 w/ nx by om and mx. (Bryan)
- 6055 ANTIGUA BBC LA Svc now here 0030-0415 in SS ex-9765 (Legge)
- 6055 ASCENSION ISL. BEC here in SS at 0219. (Hauser)(which is it? ed)
- 6055 JAPAN NSE, Tokyo, 0625-0650, JJ, w/ tlks. strong. (Wiseblood, 11/7)
- 6055t RWANDA possibly Kigali here w/ AA type vocals to 2102*. fits sked for Rwanda. Kuwait also listed but not sked at this time per WRTH. hrd two days, 10/31, 11/3. (Shingler)
- 6060 ARGENTINA R. Nac. per ID at 0925 in SS w/ US pops. (Jones 10/27)
- 6060 SICILY Caltanissetta hrd at 2040-2100 w/ opera mx cont to 2100 when ID hrd in IT. heavy QRM. (Herkimer, 10/23)
- 6060 TANGIER VOA, 0450, EE, w/ "Breakfast Show". (Bishop, Camillo)
- 6065nf CANADA New freq for CBC NS ex-5960 hrd 11/7 at 1229. Also sked from 2300. Spain absent Mon GMT but I expect trouble here other days. (Hauser, TN)
- 6065 SWEDEN R. Sweden in w/ EE from 2100 at fair level. (Boomer, Zilmer)
- 6070 CANADA CFRX noted in EE 0310-0415 and also 1700- w/ nx, mx etc. (Burke, Hall, Overcamp)
- 6070 VENEZUELA R. San Sebastian, 0547-0630, SS, w/ ads, LA pops and ID's used the phrase "mas musica" many times. (Edelstein, Johnson)
- 6080 MALTA "Malta Calling" at 2045-2100 in EE. IBRA pgms hrd 2100-2115*. (six reporters)
- 6080 SEYCHELLES FEBA, LL, 0043-0100, w/ rel pgm, IS at 0059. (Boomer)
- 6082 PERU R. Nac. hrd 1015 in SS w/ Peruvian mx, and at 0545-0600 w/ LA mx until wiped out by VOA. (Hoffman, 11/4)(Jones, 10/12)
- 6085 BRAZIL R. Jornal do Comercio, Recife, 2345-0040, in PP w/ om and report on a futebol game. (Hywarren, Zilmer)
- 6085 CANADA RCI hrd from 0100 in EE w/ nx, mx, features. (Cain, Smith)
- 6085 GERMANY, WEST As of 11/76 DW no longer sked here but nevertheless hrd on 11/8 in GG from 0155 IS. (Hauser, TN)
- 6087 TAIWAN BCC, Taipei, in at 1800 after USSR off w/ CC tlks by man to tune out 1804. poor-fair. (Wiseblood, 11/6)
- 6090 LUXEMBOURG R. Lux. in GG, 1930 w/nx, pop mx. (Schwartz), also, 2359-0007 in EE w/ pop mx. (Mooney, Turner)
- 6090 NIGERIA RTV Kaduna hrd 2140-2311* in LL w/ local mx, koran reading from 2250-2300. (Wiseblood)
- 6095 BRAZIL R. Tupi here in PP, 2215-, w/ mx, many ID's. (Zilmer)
- 6095 COLOMBIA La Voz del Centro w/ SS ads, piano mx from 2321-. (Florian)
- 6095 ECUADOR HCJB hrd from 0200 in EE w/ various rel. pgms. also at 0600-0615 w/ "Passport". (Bryan, Turner, Hoffman)
- 6097 SOMALIA R. Mogadiscio in Somali w/ local mx, nx at 2045 by om hrd // w/ 9585) (Mayer, 11/2)
- 6100.5 CLANDESTINE, USA, hrd w/ non-stop rock and jazz mx, 2330-2400. probably within 750 mi. of my QTH. (Wiseblood)-10/15)
- 6100 MALTA DW hrd w/ folk mx in GG at 2320. (Florian)
- 6100 MOROCCO RTVM hrd at 2330 in AA w/ chanting, singing. (Bishop)
- 6105 FINLAND R. Finland first planned to use 6120 but changed to 6105 due to RTVE presence. However check on 11/8 found only mess of QRM at 0330. (Hauser, TN)
- 6105 MEXICO Su Pantera hrd in SS, 1100-1132 w/ mx, some US. (Florian, Jones, Zilmer), also at 0440 in SS w/ LA pops. (Bishop)
- 6105 NEW ZEALAND RNZ hrd in EE at 1034* w/ theme song. (Jones, 10/18)
- 6110 PHILIPPINES VOA hrd in EE 1100-1325 w/ usual. (Camillo, Richardson)
- 6110 UKOGBANI BEC here at 0500-0506 in EE w/ pol. tlk. (Edelstein)
- 6115 COLOMBIA LV del LLano in SS at *0929 w/ ID, pgm for campesinos. (Jones, MISS)
- 6115 MEXICO XEUDS hrd at 0128 w/ ID in SS at vy gd level. (Hoffman)

- 6115 SWEDEN R. Sweden hrd 0250-0300 in EE w/ pgm on philately. (Bryan)
 6120 SPAIN RTVE at 0428 in SS w/ US easy listening mx. (Jones, MISS) also at 0110-0125 in SS w/ speech and tlks. (Edelstein)
 6125 USA VOA hrd in RR w/ m and w in nx at 0854-0858. (Edelstein)
 6125 RSEFSR RM hrd 2300-0115 in EE w/ NA svc. (Florian, Noonan, Richardson)
- 6130 GHANA R. Ghana in EE, 2150-2301* (Beirs, Drennan, Wiseblood)
 6130 LAOS Rdif. Nat. w/fr sig on 10/21, 1206 hrd SEA type mx, 1208 w/ m and w in LL presume Laotian. (Whit)
 6130 SAUDI ARABIA BSKSA in AA 2030-2100 w/ tlks and mx. (Beaudoin)
 6130 SPAIN RNE str IS and ID covers USSR to 0100 but fades to permit Moscow EE nx at 0100. (Brookwell, 10/29)
 6130 UGANDA UBC hrd in LL at 2145 w/ afr mx //9730. (Zilmer, 10/12)
 6130 USSR Unid site prob. Novosibirsk or Vlad. at 0030 in EE until clobbered by RNE at 0049. (Brookwell, 10/29)
 6135 CHILE R. Univ. de Concepcion in SS at 1015 w/ nx, tlks. (Jones, 10/13)
 6135 POLAND Pol. R. hrd in EE at 2245 w/ feature on medicine and also at 0206 w/ prog revue. (Cohen, Zilmer)
 6135 SAUDI ARABIA BSKSA hrd here ex-6130 in AA w/ western mx. (BP, 10/23)
 6140 GREECE VOG in EE at 2120 w/ tlk and in GR at 2230. (Mayer, Osterman)
 6145 ANTIGUA DW; *0958-1010 in PP w/ IS, ID, and nx. (Barto, Dileo)
 6145 ALGERIA RTVA at 0615-0627 in AA w/ chanting. (Edelstein, 11/1)
 6150 AUSTRALIA ABC, Melbourne; 0800- EE nx, weather, mx. (Wiseblood, 11/7)
 6150 COLOMBIA LV del Huila in SS 0345-0401 w/ LA mx and ID's. (Bryan)
 6155 BRAZIL R. Cult. de Bahia w/ sports in PP at 0000. (Field, 10/10)
 6155 JAPAN FEN 0800-0845 in EE w/ upbeat mx. (Brookwell, Wiseblood)
 6156 HAITI R. Citadelle in FF at 1045 w/ mx, tlks. (Zilmer, 10/27)
 6160 ALGERIA RTVA in FF Svc W/ AA mx and ID at 0630. (Ravenhorst, 11/11)
 6160 COLOMBIA Em. Nueva Granada in SS at 1100 w/ RCN nx. also 0000-0440 w/ LA mx, ads. (Cress, Hall, Jones, Mayer)
 6160 UKOGBANI VOA w/ RR at *0300 into nx. (Conover, 10/9)
 6165 BRAZIL R. Cult. Sao Paulo in PP at 2345 w/ mx and tlk. (Zilmer)
 6165 USSR unid site RM in CC at 1250; IS at 1300 into LL. (Petrawick)
 6165 VIETNAM Saigon hrd in VV at 1215 w/ tlks by om and y1 followed by pgm of mx. (Vokes, 10/26)
- 6175 ANTIGUA BBC-WS hrd at *2300 in EE w/ nx and features. also at *0430 in EE w/ nx and ragtime piano. (Mooney, Nebron, Ravenhorst, Wiseblood)
 6175 BRAZIL R. Guarani; 0845 in PP w/ mx and tlk. (Tannenwold, 10/6)
 6175 JAPAN NHK hrd here at 0740-0800 in JJ w/ oriental mx on mellow string instrument and chanting. (Wiseblood)
 6175 MALAYSIA V. of Malaysia; *2200 into II Svc//9750, 6100. (BP)
 6175 USSR Unid site hrd here at 0430 in RR w/ Malay IS. (Brown, 10/9)
 6180 CYPRUS BBC; 2050 in EE w/ rel pgm at gd strength. (Brown), also at 2100 in WS w/ nx and features. (Vokes, 10/25)
 6180 GUATEMALA LV de Guatemala at 0315 in SS w/ futbol. (Hall, CA)
 6180 NORWAY R. Norway hrd at 2330 in Norwegian tlk. (Zilmer, 10/12) also at *0251 in NN w/ IS in nx at 0300. (Conover, 10/19)
 6180 VENEZUELA R. Turismo at 0945 in SS w/ Ven. mx and ID's. (Jones)
 6183.1 POLAND Polish R. hrd here in EE/PL; 0109-0159 w/ Polish mx and nx. (Hauser, 11/8) (Zilmer, 10/30)
- 6185 BRAZIL R. Bandierantes in PP at 0845 w/ mx, tlks. (Tannenwold)
 6185 ETHIOPIA R. Ethiopia hrd *0330 in Amharic w/ Somali type mx after IS and ID. (Mayer, 10/14)
 6185 LIBYA Tripoli hrd 1935-2230 in AA w/ tlks, chants, nx in progress at 1935. (Hywarren, Schwartz, Zilmer)
 6185 TAIWAN VOFC w/ CC svc 0055-0105, ID hrd at 0100 into tlk. (Hoffman)
 6185nf ASIAN RSEFSR RM from unid site w/ EE to WCNA 0330-0400, and again at 0500-0530 w/ usual EE pgms. (Hall, Nebron)
- 6190 COLOMBIA LV de los Centauros in SS at 1054 until buried by BBC at 1055. LA mx, tlks. (Jones)
 6190 NETH. ANTILLES TWR hrd w/ RR at 0350; rel pgm. (Brookwell, Conover)
 6195 ANTIGUA BBC from *1958-2020 w/ ID as "Caribbean relay" into EE nx and "World Press Review". (Bishop, Krueger)
 6195 CHILE R. Nac. de Chile hrd in SS w/ pop mx at 0919. (Jones, MISS)
 6195 MALAYSIA BBC-Tebrau in EE at 1420 and again at 1645-1715 in EE w/ nx at 1700. (Bryan, Wiseblood)
 6195 GERMANY. WEST VOA-Munich at 2159 in EE just before s-off at 2200 with QRM from BBC. (Florian)
- 6200 ALBANIA R. Tirana at 0310 in EE w/ tlk. (Brookwell, 10/26)
 Also these two misplaced goodies:
 4955 PERU R. Cultural Amauta hrd in SS at 1105 w/ Andean mx. (Barto)
 5055 BRAZIL Unid 2335-0006 w/ PP rel. pgm. no ID hrd. As I recall, Marlin was toying with this one. Ever get an ID, Marlin? (Moritz 10/31)

That's it for this month - Apologies for any mistakes as this was a new experience for me. Best wishes to Sam who should be home from Waterbury Hospital and fully recovered as you read this, 73's, Joe D.

SECTION "C"

Log

• Ed. Sec-C: Tom Gavaras

6201-11700

Report

DEADLINE: 12TH OF MONTH



- 6230 ANDORRA R. Andorra; 0816-0825 w/clear ID & mx "Welcome Back" was played as one of the selections. weak level but the station peaked at times (DiLeo, Barto 11/7) Great!
- 6250a KOREA (NORTH) KCBS; 0910-0928* M in seeming KK tlc to 0919, when group song, then W in KK to 0922, when followed by a couple female chorus songs, then W back again. I presume this HS, not FS as pgm & s/off fits KCBS to tee. F-Poor in noise (Moritz). UNID; 0332-0345 US style easy listening instrumentals, W ancr in lang. F (Lineback).
- 6261 CHINA R. Peking; 1122 CC tlc (Yajko). *1200 EE pgm (Osterman) 2314 CC tlc (Florian).
- 6290 MONGOLIA R. Ulan Bator; *1221 mx, arnts in EE, nx & light mx, all weak to moderate modulation, but covered by CKN CW QRM. In-between CW, signal very good (Young 10/23)
- 6343 KOREA (NORTH) R. Pyongyang; 0932+ JJ tlc, chorus mx, etc. (Poppin, Brookwell).
- 6540 KOREA (NORTH) KCBS; 0628-0705 KK M and W w/emphatic speeches (Wiseblood 11/6) 0815 KK Man harangue Military band mx, then woman harangue (Busy People) (Brookwell 10/26).
- 6696 LAOS R. Xieng Khouang; 1320 w/chant type mx, instrumental selections//4602 (Young).
- 6937 CHINA R. Peking (Kunming); 2320 CC talk (Hohnstein 10/23).
- 6995 CHINA R. Peking; 1455* YL CC tlc & oriental mx (Hohnstein 10/27).
- 7035 CHINA R. Peking; 2330 Chinese talk (Hohnstein 10/23).
- 7041t BHUTAN NYAB; 1303 Highly tentative w/carrier & occasional mx noted till 1325. SSB Japanese ARO on frequency. (Young 10/27).
- 7050 EGYPT R. Cairo (HS); 0355-0405 AA nx by M, Egyptian mx (Rubak 10/10).
- 7060 CHINA R. Peking; 2310 Chinese talk (Hohnstein 10/23).
- 7065 ALBANIA R. Tirana; 0010-0028* EE tlc on unemployment & taxation (Bernstein, Ihnat).
- 7080v PAKISTAN R. Pakistan; 2120-2146* EE tlc, pop mx, etc.//9445 (MacKay, Zilmer).
- 7090 ALBANIA R. Tirana; 0400 IS, RR nx (Rubak) -I have Bulgarian listed (ed)- 0458* non-EE w/sign off message & ID (Hohnstein 10/12). -I have Greek listed (ed)-
- 7105 BULGARIA R. Moscow Relay; 0126+ EE nx, cmntry, etc. //7150, 7165, 7250, 7290, 7320 (Yajko, Bishop). 2300 EE nx (Hohnstein). -RM lists 7100 but is actually 7105 (ed).-
- 7105 MONACO TWR; 0625-0854* EE ID, relig. pgm, 'Revive your Heart' (Hohnstein, Conover, Luce).
- 7110 MALI Rdf du Mali; *0758, native instrument, drums, then into local language 0801 w/tribal mx, 10/15; again 10/16, still audible as late as 0845; via long path (Padula).
- 7110 SAUDI ARABIA BSKSA (Riyad); 2233 AA nx, ID, local mx. (Janqua-Japan 10/20).
- 7115 BULGARIA R. Sofia; 0454-0459* EE xmsn to British Isles, mx, freq. sked (Watson 10/23)
- 7115 BULGARIA (?) R. Moscow Relay; 0030 EE ID, 'Greetings from Moscow' pgm (Hutchins 11/3) 0240 EE news//7205, 7440 (Hohnstein 10/25). 2345 EE nx //7105 (Hohnstein 10/23).
- 7115 MOROCCO RTVM (Sebaa-Aioun); 0133 Positive FF ID, AA mx (Schwartz 10/16)-10 KW! Nicel
- 7120 ALBANIA R. Peking Relay; 0301-0305 EE news (Rubak 10/25).
- 7135 BULGARIA (?) R. Moscow; 0530 EE nx (Hohnstein). 2030 FF for Africa. RM made extensive freq. & sked arrangements on 10/21, 2 weeks before the "official" starting time for the main event! Has done this for many years, apparently trying to establish prior claim on certain channels (Padula). 2350 SS M&W tlc (Brookwell).
- 7135 PAKISTAN R. Pakistan; 1310-1325 Sub-cont. mx; strong but QRM (Shingler 11/5)-10KW!!
- 7135 FRANCE RFI; 0359-0402 FF news, ID (Rubak 10/12).
- 7140nf USSR R. Moscow; 1945 Swahili pgm for Africa (Padula-Australia 10/22).
- 7145nf INDIA AIR; GOS for Australia, EE discussion on nx at 2050 (ex 7150) (Padula-Austr.)
- 7150 USSR R. Kiev; 0030-0100 EE nx, cmntry, etc. (Hohnstein, Crater, Camillo, Bishop).
- 7150 USSR R. Moscow; 0410 EE nx, Moscow Mailbag//7165, 7245, 7285, 7320 (Rubak 10/10).
- 7150nf HUNGARY R. Budapest; *2000 GK for Europe (may replace 7200)//7180 (Padula).
- 7150 KOREA (SOUTH) R. Korea; 2005 CC for Asia; previously only on MW, now on SW (Padula).
- 7155 GREAT BRITAIN RCI Relay; 0718 EE sports, nx, 0720 FF pgm (Hohnstein, Osterman).
- 7160 USSR R. Moscow; 0212-0235 EE mx, nx, 'What is Communism' pgm (Ihnat 9/29).
- 7160 GREECE VOA (Kavala); *0600 PP(?) w/pop mx (Hohnstein 10/12).
- 7165 ETHIOPIA ETIF; 0400 EE Religious pgm (Hohnstein 10/19).
- 7165 RYUKYU ISLANDS VOA; 1100+ EE nx, etc. (Belrs, Burke, Camillo).
- 7170 NEW CALEDONIA R. Noumea; 0900 FF pgm (Conover 10/25).
- 7170 UNID; 0635-0705 FF w/no ID, mostly US EE songs (Hoffman 11/4) -It is New Caledonia-

- 7170 GREECE VOA (Kavala); 0229* EE ID (Wash. DC) xms to S. Asia (Conover 10/9).
- 7185 CHINA R. Peking (Lanzhou); 2223 'International', silence to 2230, then IS and 'East is Red' into what sounded like CC pgm (Shingler 11/8).
- 7185 USSR R. Moscow; 2010 FF to Africa, 2100 AA (replaces CC formerly at this time (Padula)
- 7190 YEMEN (FDR) DYBS; 2047-2200* AA tlk, chant, mx, ID (McCoy, Mayer, Osterman, Florian).
- 7195 LIBERIA VOA; 0325 EE ID, mystery disease in Africa (Conover 10/18).
- 7200 USSR MAYAK; 1500 RR ID (Hohnstein). 1958+ Guitar mx, IS, mx (Wiseblood).
- 7203 KOREA (NORTH) R. Pyongyang; 1000-1100 EE propaganda (Beirs, Conover, Camillo).
- 7205 PHILIPPINES VOA (Tinang); 1530* EE sign off (Hohnstein 10/27).
- 7205 GREECE VOA (Rhodes); 2156-2200* lang, EE ID, s/off (Florian 10/8, Hohnstein 10/10)
- 7205 USSR R. Moscow; 2305-0000 EE nx (Hutchins, Watson, Hohnstein) 0225 EE cmtry (Golden).
- 7215nf MONACO TWR; 1950 Yiddish pgm, 2000 EE ID & Address, s/off (Padula-Australia 10/21).
- 7215 USSR R. Vilnius; 2305 EE nx, tlk on UN (Bernstein) 0130* EE; R.V. weekend halfhours in EE re-scheduled to half hour later // 7150 (better) (Hauser, Hohnstein).
- 7215 USSR V. of the Homeland (Golos Rodina); RR pgm. 0130. Weak but over Budapest (Hauser).
- 7215 USSR R. Kiev; 0042 EE 'Music from Ukraina', ID (Hohnstein 10/25).
- 7215a HUNGARY R. Budapest; 0130 SS Nx, mx, talk by man & woman (Gercken 10/7). (Padula-Aus
- 7220 MALAYSIA R. Malaysia; 2340 relay of HS in CC w/tlk, mx, ads. Former VOM channel ↗
- 7225 RWANDA DW Relay; 0515 EE & FF w/nx (Hohnstein 10/8).
- 7230 IRAQ R. Baghdad; V. of Masses pgm 2030-2100+ w/AA political talks, national mx, TC & ID 2100. Consistently on 7230, previously used 7225, also hrd around 0500 (Padula)
- 7230 USSR R. Moscow 0030 PP pgm (Hohnstein 10/24).
- 7230 MOROCCO VOA; 0500 EE w/Breakfast Show (Hohnstein 10/8).
- 7240 GREECE VOA (Kavala); 0328 RR to USSR. Poor level (Conover 10/18).
- 7240 USSR R. Moscow; 0530 FF news//7250 & 7390 (Hohnstein 10/12).
- 7245 ANGOLA R. National; 2345-2355 PP cmtry about Angola affairs. Good (Padula-Australia)
- 7245 USSR R. Moscow; 0100 SS News pgm//7320 & 7400 (Hohnstein 10/25).
- 7255nf BULGARIA R. Sofia; 0510 Serbo-Croatian. Seems Mon-Sats only. (Padula-Australia).
- 7260 GERMANY (East) RBI; 0545 GG news (Hohnstein 10/8). -I have Portugese listed (ed)-
- 7260 MONACO TWR; 0200 GG Transmission & classical mx // 7290 (Hohnstein 10/25).
- 7260 MONGOLIA R. Ulan Bator; *0845 Mongolian HS after long break in carrier. This sta. noted w/many breaks in pgm'ing, as if announcers leave the mike for coffee breaks at odd times 10/15 (Padula-Australia).
- 7265 GERMANY (WEST) Sudwestfunk; 0720-0740 GG pops & Jazz, ads, ID. Fair-Poor (Osterman).
- 7270 SOUTH AFRICA RSA; 0300+ EE 'Good Morning Africa'//5980 (Padula, Glazzy, Rubak). *0400 EE ID, nx, etc (Poppin, Brown, Bishop). 2115 EE MOR mx (Hohnstein).
- 7270nf AUSTRIA ORF; 2200-2300 GG anncs, waltz mx. Experimental freq. for Europe (Padula-Au)
- 7275 CYPRUS BEC; 0040-0059 CC(?) tlk by woman (Cain 10/29).
- 7275 NIGERIA VON; *0645-0711 EE w/IS, NA, ID, Etc (Edelstein 10/16, Hohnstein 10/8).
- 7280 GREECE EIRT (Thessaloniki); Greek nx for Europe, taken from HS, 2020-2030*; this service now 1 hr early 1930-2030 due reversion to standard time in Greece (Padula-Au)
- 7280 LIBERIA VOA; 0500-0625 EE Breakfast Shpw (Johnson 11/10, Beirs, Hoffmann 11/4).
- 7285 MALAGASY REP. R. Nederland; 2255-2310 SS tlk, ID (Beaudin) -I have Indonesian listed (ed)- 2300-0018 African Dialect mx (Hohnstein, McLaughlin) -Believe Indo (ed)-
- 7285 SOUTH AFRICA SABC; 0540 EE pgm, commercials, MOR mx. Poor modulation (Hohnstein).
- 7290 AUSTRALIA R. Australia; 0915 EE w/DJ & Rock mx in EE (Conover 10/25).
- 7295 GREECE VOA (Kavala); 0525-0620 EE tlk about the Election, nx (Hohnstein, Hoffmann).
- 7305 USSR R. Moscow; 2310 Oriental lang pgm (Hohnstein) 0020 MAYAK pgm in RR (Brookwell).
- 7320 USSR R. Moscow; 0019+ EE DX Program (Poppin 10/21).
- 7335 USSR R. Moscow (?); 0525 Violin mx, 0530 s/off w/RM IS with out announcement (Cress)
- 7355 USSR R. Moscow; 2330 EE news//7320 (Hohnstein 10/8).
- 7374 VIETNAM VOV; 2315 VV pgm, fade out by 2345 (Hohnstein 10/8).
- 7380 USSR R P&P; SS 0105 // 7175, 7230, 7330, 7370, 7380 (Hohnstein 10/24).
- 7390 USSR R. Moscow; 0040+ SS Propaganda pgm (Brookwell). 0415 EE reading letters (Woltman)
- 7412½ ISRAEL IBA; 0400 EE nx (Grenier). *0500 EE nx, cmtry. 0515 FF pgm (Pearson, Wisebloo Hohnstein). 0511 EE & FF pgm. Machine Gun type jamming hrd. Few days later it was announced in paper that the machine gun noise originated in Minsk, USSR (Poppin 10/26 *2000 EE nx, etc (Schwartz, Hohnstein). 2230-2300 EE nx (Earhart, Woltman, Schwartz).
- 7440 USSR R. Moscow; 2100 ID in non-EE lang (Hohnstein) 0515 EE//7400, 7390 (Hohnstein).
- 7460v ISRAEL IBA; *0358-0540 Hebrew HS pgm//9009 (Hohnstein, Cress, Conover, Cohen).
- 7500 AUSTRALIA VNG; Time pips & ID 0741 (Hywarren) 1100 EE ID (Conover) 1214 ID (Mooney).
- 9009 ISRAEL IBA; 0426+ Hebrew HS w/tlk by woman, light mx, ads (Rubak 10/10).
- 9022 IRAN VOI; *2000-2030 EE IS, ID, local nx, native mx (Hancock, Drennan, Conover).
- 9355 ISRAEL IBA; Hebrew HS *2000 w/tlk, mx, ads, etc. (Zilmer 10/24, Hauser 11/8).
- 9380 CHINA R. Peking; 1010-1025* EE w/tlk abt Mao//9460 to Aus & N.Z. (Earhart, MacKay).
- 9425 ISRAEL IBA; 2000 EE nx to Africa//15540, 9009, 7412, 5900 (Zilmer 11/7).
- 9435 ISRAEL IBA; 2207 FF nx to Africa, 2230 EE nx, review of Jewish World (Earhart, Conover)
- 9445 PAKISTAN R. Pakistan; 2115-2145* EE nx, pop mx (Cohen, Earhart, Zilmer, Beirs).
- 9450 USSR MAYAK; 1845 RR w/light rock mixed w/operatic mx, IS at 1900 (Wiseblood 11/7).
- 9460 PAKISTAN R. Pakistan; *1630-1645* EE GOS w/slow speed nx. Fair (Mayer 10/31).
- 9475 EGYPT R. Cairo; 0215-0255 EE nx, mx, ID (Poppin, Hoffmann, Earhart, Williamson, Cain).
- 9480 ALBANIA R. Tirana; 1845 EE tlk on Albania economy (Cohen) 2053-2056* EE tlk (Florian).
- 9490 USSR R. Moscow; 2200-2230 PP pgm, 2230-2300 SS pgm (Wiseblood 10/23).

- 9490 USSR Unid; 0515-0614 RR w/light mx, IS is FS. 1st pgm relay Zhioulevsk?(Edelstein).
 9500 USSR Unid; 0900+ RR interview w/road cleaning worker, wx (Poppin 10/29).
 9505 JAPAN NHK; 0407 EE tk on economy, 0415 JJ(Poppin) 0610 EE tk abt Tokyo(Hoffmann).
 9505 SEYCHELLES FEBA; 1730-1800+ EE ID, relig pgm, 'All kinds of Music(Osterman,Conrad).
 9505 PERU R. America; 1125 SS ID, Calls, ads (Jones). 2345 SS ads, US & LA rock(Hall).
 9510 CHINA R. Peking; 1030-1045 Orchestra number w/female announcer in CC(Earhart 10/16).
 9510 PAKISTAN; 1820-1905* AA w/string,west mx.Off w/'Arabiyah Islamabad Pakistan'(Osterman)
 9510 VENEZUELA R. Barquisimeto; 2320-0002 SS Speeches, ID, ads (Earhart, Hall).
 9510 ALGERIA Rdf TV Algerienne; 1805+ AA chanting & tk(Bogel)-Thought 1800 s/off?(ed)-
 9515 AUSTRALIA RA;0652-2230 EE(Earhart,Johnson,Hoffmann,Edelstein,McKrell)1133 EE(Woltman)
 9515 TURKEY VOT; 2220-2255 EE DX pgm, ID, US pop mx (Bernstein, Schwartz).
 9520 PAPUA NEW GUINEA NBC; 0723 EE Request pgm, freq. announced. RHC QRM (MacKay 10/31).
 9525 INDIA AIR; 1950-2230 EE ID, Hindi mx, nx(Yajko,Beirs,Roberts,Cohen,Zilmer,Cain,Conrad)
 9525 JAPAN NHK; 2345-0045 EE nx to N. America (replaces 11705)//11800 (Zilmer 11/7).
 9525nf KOREA (SOUTH) R. Korea; testing 0850 FF into 0900 RR. Jammed after 0900, EE at 1000.
 Annce'd: 11860, 9720, 9625, 9655, 9640, 9580, 9525, 7240, 7150. Not audible on most(Padula).
 9530nf MONACO TWR; *0415 EE w/ID then into Armenian. Sundays only (Padula-Australia 10/24)
 9530 SPAIN RTVE; 1045+ SS w/continuous mx, SS ID by female, nx (Earhart 10/16).
 9535 SWITZERLAND SBC; 1800 Italian, yodeling, 1830 GG(Watson). 2101 EE ID,nx(Richardson)
 9540 NEW ZEALAND RNZ; 0540-0630 EE nx, wx, jazz, opear, pop mx//11705(Osterman,Johnson).
 9540 POLAND Polish R.; 1630 IS, Polish ID,nx(Mayer). 1839-1855* EE nx(Krueger,Conover).
 9545 SYRIA SARBS; 2058 AA ID 'min Dimansh', nx (Schwartz 10/17).
 9545 SEYCHELLES FEBA; 0310 xylophone IS, EE ID, pgm in lang, etc (Bishop 10/8).
 9550 FINLAND R. Finland; 2100-2130 EE 'Its Saturday' to West Europe (Zilmer 10/30).
 9555 PHILIPPINES VOA (Tinang); 1450 CC pgm // 9545. Very weak (MacKay 10/10).
 9560 ANTIGUA BBC; 2259-0014* FP to Brazil w/books & authors pgm (Hauser 11/7).
 9560 BULGARIA R. Sofia; 2205-2230* EE nx, cmntry, local mx (Zilmer 10/16).
 9566v CHILE VOG; 0105 EE ID(Hoffmann) 0200 SS tk(Yajko) 2250+ EE cmntry(Zilmer,Bernstein).
 9570 ROMANIA R. Bucharest; 0205 EE ID, Flute mx (sounded like AA mx) (Conover 10/22).
 9570 SWITZERLAND SBC; 2258+ PP w/IS & PP pgm. Hrd IS without Aerial (Earhart 10/8).
 9575 ITALY RAI; *0100-0120* EE ID, nx (Glazzy,Hall). 2245-0315 Italian w/mx & nx(Cress).
 9575 INDIA AIR (Bombay); 1315 native mx, tk by OM in language, etc(Shingler,Petravich).
 9575 UNID; 2203 FF 'La Voix de l'Evangile' missionary pgm mention. TWR?? (Hauser 11/7).
 9580 PHILIPPINES VOP; 1443-1525 EE 'Heroes in Profile', mx, tk (Grenier, Bogel).
 9585 SOUTH AFRICA RSA; 2138+ EE DX Corner (Williamson,Johnson). 2210-2251 EE & Xhosa
 w/live b'cast of independence ceremonies for Transkei (Bogel, Conover). 2230-2320 EE
 ID, nx (Poppin,Davenport,Hoffmann,Schwartz,Conover). 0408-0426* EE ID (Hoffmann).
 9585 SOMALIA R. Mog.; 1130 Lang tk(Camillo) 1341 OM lang(Shingler) 2059* Somali ID(Brown).
 9585 USSR Yakutsk; 0032+ RR Peoples artists w/excellent tenor & soprano (Poppin 10/29).
 9590 ANTIGUA DW; 2135 Portugese pgm (Hauser 11/7).
 9590 CHILE R. Balmaceda; 2320-2335* SS tk, ID(Zilmer) 0135 US election returns, SS(Hauser)
 9590 NORWAY R. Norway; 1400 EE w/Norway This Week, nx & views to W. Europe (Zilmer 10/24)
 9595t JAPAN NSB; 0735 JJ w/western mx, repeated mention of Tokyo, no ID (Hoffmann 11/4).
 9595 BRAZIL R. Cultura de Bahia; 0931 PP ID(Conover) 2320+ PP tk & ID's (Cain).
 9600 USSR R. Rodina;*2000 RR ID, quiet talk, soft mx. Very strong (Cohen 11/1).
 9600 USSR R. Tashkent; 1200-1230 EE nx, cmntry, pgm on National Day parade (Camillo).
 9605 VATICAN STATE VR; *0100 EE ID, 0115 FF pgm(Rojewski,Hoffmann,Glazzy,Mooney,Hall).
 9605 ANTIGUA DW; 1302-1330 EE ID into GG pgm (Brooks 11/7, Hausner 11/7, Petravick).
 9605 SEYCHELLES FEBA; 0200 lang, mx 'What a Friend We have in Jesus', EE ID (Gercken)
 9610 USSR R. Vilnius; 0120 EE mailbag (Rojewski) 2302 new time for weekend EE (ex-2230)
 also announcing in part 11690 & 15100. Also hrd on 7400, 7215, 7150 (Hauser).
 9610 AUSTRALIA ABC-Perth; 1215+ EE play presentation, musical variety(Yajko,Burice).
 9620 YUGOSLAVIA R. Belgrade; *2200 EE pgm, 2215 FF (Crater,MacKay,Schwartz,Brown).
 9630 SWEDEN R. Sweden; 1100 EE ID, nx, cmntry (Zilmer 10/29, McLaughlin 10/31).
 9635 BRAZIL R. Aparecida; 0055 PP w/Brazil Ballads, ID. Fair signal (Yajko 10/17).
 9635 IRAQ R. Baghdad; 1344 AA mx (OM singing); mixing w/BBC (Shingler 11/5).
 9640 ANTIGUA DW; 0230 IS, EE ID into SS pgm (Rojewski 11/5, Hauser 11/8).
 9640 KOREA (SOUTH) R. Korea; 0605 SS nx & listeners corner. 0700 SS(Grenier, George).
 9645 NORWAY R. Norway; *0053 IS, Norwegian ID(Conover). 0620 EE cmntry (Johnson).
 9654 THAILAND R. Thailand; 1014 ID, oriental mx, IS (Vokes). 1233-1244 w/M in Thai w/nx,
 Far east type mx (Whitacre). 1359 IS into Burmese//11905 (covered by DW)(Tuchscher).
 9660 VENEZUELA R. Rumbos; 0313 SS ID, ads, mx (Earhart). 0400 SS mx (Luce).
 9665 KOREA (SOUTH) R. Korea; 1130 EE nx, cmntry, mailbag, features, etc (Brooks).
 9670 PORTUGAL IBERA; 2030-2100 EE ID, religious tk. AWR s/on at 2100(Camillo,Drennan).
 9675 KOREA (SOUTH) R. Korea; 0450 Korean(?) tk (Luce 10/23).
 9675 PERU R. Del Pacifico; 1145 SS ID "--Desde Lima, Peru--", Religious mx(Jones 10/16).
 9685 BRAZIL R. Gazeta; 0755-0812 SS mx, tk by M. Much QRM (Edelstein 10/16).
 9692 CHINA R. Peking; *2300 IS, ID in lang, talk, mx //9880 (Zilmer 10/19).
 9690 ARGENTINA RAE; 0030 SS ID (Turner). 0318 EE tk abt Labor, etc (Earhart).
 9690 ROMANIA R. Bucharest; 1319 EE ID, pgm of Native Romanian mx (Miller 11/6).
 9695 BRAZIL R. Rio Mar; 2315 PP ID & tk. Fair-Poor signal (Beaudoin 10/31).
 9700 BULGARIA R. Sofia; 0025-0030 EE ID & tk by M & W. Nx in Bulgarian (Turner 10/4).
 9700 AUSTRALIA RA; 2258 EE announcement, time pips into Thai(?) pgm. Strong (Brooks 11/9)

- 9705 ALGERIA RTVA; 1630-1640 AA w/AA mx (Mayer 10/23).
- 9705 INDIA AIR; 1135-1140* w/lang to 1135, then 5 min of EE. Off at 1140 (Zilmer).
- 9705 MEXICO XERMX; 00L5-0118 SS tk & ID (Bogel, Earhart). 1410 SS tk, Pop mx (Earhart).
- 9709t MAURITIUS MBC; Strongly believed the one here 1247-1300 w/beautiful Indian instrumental mx on string instrument, M on at 1253 in presumed Hindustani followed by some sort of closing tune in noise. Presume 1300* but could not tell do to RM IS at this time. Lang definitely not FF. (Moritz 10/24, Whitacre 10/14).
- 9710 USSR R P&P; *0130 IS, SS tk by man (Earhart 10/9).
- 9710 USSR Unid; 0436+ RR w/terrific male vocalist 'Why don't the tears understand' (Poppin)
- 9715 NETHERLAND ANTIILLES RN; *0500+ EE DX Juice Box, etc. (Poppin 11/4, Pollard 10/24).
- 9720 SRI LANKA SLBC; 0700+ EE ID, Greetings to Listeners, pop mx, etc. (Noonan, Drennan).
- 9725 BELGIUM BRT-4; 0035 EE discussion of industry in Belgium (Burke 10/27).
- 9725 SWITZERLAND SBC; 0145 EE nx (Zilmer 10/27).
- 9730 GERMANY (EAST) RFI; *0100 EE to N. Am. Worst European signal beamed our way (Boomer)
- 9730 USSR R. Rodina; 1340-1400 RR w/classical mx, IS, ID, nx (Florian 10/11).
- 9730 USSR R. Yerevan; 0307 Armenian ID, cmntry; 0322 EE nx, etc. (Poppin 11/5).
- 9730 UGANDA UBC; 2030-2100* EE nx, cmntry, mx (Beirs, Drennan, Hauser, Ravenhorst, Miller, Hall, Florian). 2200 Vern. w/African mx, AA chanting, tk//6130 (Zilmer, Schwartz).
- 9735 USSR R. Moscow; 0720 EE usual boring pgm. Good signal (Johnson 10/4).
- 9740t MALAYSIA BBC; 1635-1645 EE w/ID (w/out site). QRM. (Hoffmann 10/31).
- 9745 IRAQ R. Baghdad; 1930-2020 EE IS, ID, nx, listeners mailbag (Mooney, Osterman, Camillo, Drennan). 2051 GG ID & AA mx; 2131 FF pgm (Cress 10/28, Schwartz 10/17).
- 9750 CHILE R. Minería; 0958-1100 SS ID, nx, ads, etc. (Zilmer 10/25, Krueger 10/16).
- 9750mf GREECE VOG; 0020 EE nx (Mooney) 2325 Greek nx for Canal Zone (Padula-Australia).
- 9750 LIBERIA VOA; 0600 EE ID & news. Fair signal (Hoffmann 11/5).
- 9750 SWITZERLAND SBC; *2300 SS pgm to Brazil (Beaudoin 10/30). -I have Portugese listed-
- 9760 GREECE VOG; 0015 EE ID, nx, mx (Edelstein, Earhart, Rojewski). 0519 Turkish nx to Mid East (Padula). 1410 Greek nx (Padula). 1901-1950* Greek, EE, FF, GG (McCoy, Krueger).
- 9760 AUSTRALIA RA; 1130 EE IS, nx at this unlisted time (Zilmer 10/24).
- 9765 ANTIGUA BBC; 0151 SS L.America service. Pgm on contemporary composers (McCoy 11/5)
- 9765 KOREA (NORTH) R. Pyongyang; 1400 Lang w/tlk & mx (Zilmer 10/24).
- 9770 HAITI LVEH; 1135 EE 'Hobby of Kings'. (Mooney). 1315 EE ID, relig. pgm (Conover).
- 9770 USSR R. Moscow; 0425 EE ID, cmntry (Poppin). 0800 EE to Australia (ex17700) (Padula)
- 9780 KAZAKHSTAN SSR R. Alma Atai; 0000 IS (ID'd IS w/RCI tape), anthem, tk (Noonan).
- 9780 YEMEN R. San'a; 1612 AA chanting (Young) 2030-2126 AA tk, chanting, ID (McCoy, Petravick, Florian, Osterman, Hywarren). 2309 AA tk & mx pgm. Jamming QRM (Brown).
- 9790 ALBANIA R. Tirana; 0005 PP tk. Poor (Brown 10/8). -I have Albanian listed (ed)-
- 9795 USSR MAYAK; 0840+ RR ID, 1940's Big Band mx 'Poor Butterfly', TC, etc (Poppin 10/11)
- 9805 EGYPT R. Cairo; 2214 EE nx. Good signal (Mooney 10/10).
- 9810 USSR R. Moscow; RR 0454 Terrific baritone pop song 'Zhalayoo Vahm', ID, TC (Poppin)
- 9815 ISRAEL IBA; *0500 EE ID, cmntry; 0515 FF pgm (Pollard, Poppin, Schwartz). *2000-2030* EE ID, nx (Bernstein, Schwartz). 2043 IBA barely detectable audio under terrible multiplex QRM, which was almost rock-steady; 11/7; same type of QRM was on 9420 & 9010, other IBA freqs being 9425 & 9009--straining probability that coincident (Hauser) 2230-2300 EE nx, ID, mailbag, Hit Parade, etc (Edelstein, Poppin, George, Woltman).
- 9820 KOREA (NORTH) R. Pyongyang; 0606-0750 EE ID, nx, cmntry (Poppin, George).
- 9820 CHINA R. Peking; 2348-2355 Lang w/some Asian type mx. Not Pyongyang. (Earhart).
- 9912 INDIA AIR; 2200 EE news pgm (Zilmer 10/25).
- 9945 CHINA R. Peking; 1351+ lang w/tlk by M&W. Poor signal (Florian 10/11).
- 9977 KOREA (NORTH) R. Pyongyang; *1800-1820 EE ID, nx (McKrell). 1900 EE ID, propaganda (Glazzy). 2146 Lang. Pgm was very garbled, NA, s/off (Florian). -I have FF listed-
- 10000 HAWAII WNVH; 1308 EE with time pips (Conover 10/10).
- 10000 ARGENTINA LOL; 2325 SS ID & Time every 5 minutes, LOL in code, Time pips (Bishop).
- 10004 USSR RID; 0115 Time pips w/RID in morse code. Beautiful signal (Bishop 10/30).
- 10040 VIETNAM VOV; 1015 EE tk, cmntry (MacKay, Krueger). 1810 EE nx, cmntry (Hall).
- 11375 CHINA R. Peking; 1248 Serbo-Croat (Presumed) w/tlk abt Mao. Not on/11675 (Hauser).
- 11600 CHINA R. Peking; 1128* s/off with International (M. Smith 10/16). Language??
- 11620 INDIA AIR; 2200 EE news pgm (Zilmer 10/25).
- 11625 ISRAEL IBA; *2100 RR ID (Schwartz). 2230-2300 EE ID, world nx (Earhart, Poppin).
- 11644.6 SOMALIA R. Hargeisa; *1500 s/on w/anthem, arnts, chanting//7121½ (Young, Vokes)
- 11650 CHINA R. Peking; *0200 SS IS, ID (Conover). 0438 EE w/CC lang lessons (Poppin).
- 11655 ISRAEL IBA; 1234 FF with news program. Fair signal (Tajko 10/17).
- 11675 CHINA R. Peking; *0000 EE nx about Mao, editorial//11945 (Bernstein, Richardson, Cohen)
- 11680t CHINA R. Peking; 1540 RR with anti-Russian propaganda. No ID (Schwartz 10/24).
- 11690mf USSR R. Moscow; *0800-1000* w/EE to Australia (ex 15255) (Padula-Australia 10/21).
- 11695 CLANDESTINE BULGARIA Radio-ye Peyk-e Iran; 1530-1612 Farsi w/ID, propaganda, mx interludes. (Florian 10/10, Schwartz 10/24, Ravenhorst 10/25, Krueger 10/17).
- 11700 DOMINICAN REP. R. Clarin; 1910-2108 SS ID, tropical mx, lottery (Krueger, Grenier, Florian, Rubak). 2326-2358 EE ID, QSL info., tourist info. Mon-Fri (Miller, McCoy, Zilmer). 0058-0104* SS Full ID at end of nx bulletin, trumpet, NA, off air (Brown).
- 11700 VATICAN STATE VR; 0008 SS ID, nx (Edelstein). 2115 EE Religious nx (Zilmer).

Thank you to all who sent in reports this month! Merry Christmas & A Happy New Year!

REMINDER TO NEW MEMBERS! PLEASE SEND ALL LOGGINGS TO DISTRIBUTING
EDITOR GREG RAVENHORST!! DEADLINE: 12th OF EACH
MONTH.

Log

SECTION

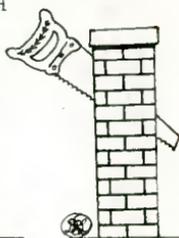
Report



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Special thanks to NASWA member Diane Levesque for this month's
INCREDIBLE logo!! IMPORTANT: This month a total of 604 individual
loggings were sent in for this section. Due to the space limitations
involved, only something over 400 of these can be printed. Given this
situation, please try to understand if your report did not get listed
this time round! Correspondence welcomed on this or other matters.

- 11705 JAPAN NHK; 0000-0045* EE, N.Am. Svc. (4 reporters).
11705 NEW ZEALAND; 0355-0602* EE, "National Pgm" relay (8 reporters).
11705 USSR "Radiostantsiya Atlantika"; 1530 RR, mx, P (Florian 10/10).
11705 VATICAN VR; 2045-2100 EE, mx & interview (Richardson 10/9).
11715 SWITZERLAND; 0145-0215 EE, "Dateline" (Golden 10/28, Zilmer 10/27).
11715 INDIA AIR; 0740, 1cl svc in Indian lang (Padula-AUST 10/11).
11720 CHINA RP; 0040-0055+ SS, one excellent song (Poppin 10/7).
11735 USSR "Radiostantsiya Rodina"; 2359-0028 RR, reception inconsis-
tent, is this a NF? (Poppin 11/6). New FE site or Sinterpol; -ed.
11740 AUSTRALIA RA; 0530-0744 EE, poor, Vatican QRM (4 reporters).
11740 INDIA AIR; 2200 EE, nx, poor (Zilmer 10/25).
11750 PAKISTAN RP; 2343 ?-lang, IS to 2345, then tlk & mx to S.A. Asia,
heard under BBC, poor (Zilmer 10/12).
11755NF FINLAND RP; 1427 IS, to N.Am, very poor, w/Moscow on freq,
even worse than 15110, which is rarely listenable (Hauser 11/7).
11760 CUBA RHC; 0510-0542 EE, nx etc. (Bogel 11/1, Earhart 10/31).
11760 CYPRUS BBC W.S.; fade in 1133 via short path (Padula-AUST 10/4).
11765 MALTA Deutsche Welle; 1115-1215 JJ, site Malta (Padula-AUS 10/20).
11770 YEMEN (SOUTH) D.Y.B.S.; *1100 AA, ID into Koran (Padula-AUS 10/4).
11775 ROMANIA RB; 1251-1257* FF, folk mx, s/off with IS (Florian 10/23).
11775 SWITZERLAND SBC; 0900-0930 EE to Far East, good (Brookwell 10/27).
11780 NEW ZEALAND RNZ; *0603 EE, opening ann. & abruptly into pgm at
0607 (Mackay 10/31). Very strong signal (Poppin 10/30).
11785 BRAZIL R. Guaiba; 2350-0100+ PP, various other S. Americans also
noted this day on 25 mb, at unusually enhanced levels (Padula 10/9).
11785 NETH. ANTILLES TWR; 0301-0311 SS, rel. song, fair (Earhart 10/14).
11785 RWANDA DW; local ID 1045 FF, then pgm for Africa (Padula 10/24).
11790v INDONESIA VOI; 1400-1458 EE (5 reporters). P.O. Box 157 (Poppin
10/23). 2335-0000 EE, nx & electric organ (Osterman 10/27).
11790 NETH ANTILLES TWR; 0325-0330* SS, tlk, hymn, fair (Earhart 10/20).
11795 GERMANY (WEST) DW; 1403 GG for C.Asia, NF (Padula-AUST 10/9).
11800 ITALY RAI; 1930-1945 EE to U.K., nx (Rojewski 10/30, Yajko 10/16).
11800NF JAPAN NHK; 2345-0045 EE to N.Am., replaces 15300, //9525 (Zilmer
11/7). Reception good for about 10 minutes & then deteriorated.
Also on 9525 which was not usable (Aston 11/7).
11800 NETH. ANTILLES TWR; 2300-2330 PP, rel pgm, exc. (Brown 10/27).
11800NF PHILIPPINES R. Veritas; *1130 Vietnamese, good (Padula-AUST 10/4).
11800NF SOUTH AFRICA R. RSA; 1900 PP, 2147 EE, //11900 (Hauser 11/7).
2226-2320* EE to N.A., //s 11900, 9585, 5980 (Poppin 11/7, Zilmer
11/7). TWR QRM 2215 on (Brooks 11/10). Sched also lists 4875! -ed.
11800 SRI LANKA SLBC; *1030 EE All Asia Svc., ex-11835 (Padula-AUS 10/5).
11805 BRAZIL R. Globo; 0002-0132 PP, D.J.-style L.A. mx, ads, jingles,
good signals (Edelstein 10/23, Filka 10/21, Padula 10/10, Rubak).
11810 CHILE LV de C; 1310 EE, ann'd EE at 1030, 1150, 1310, 1430, 2030,
2250, 0010, 0210, & 0310 GMT (Zilmer 10/17).
11810 INDIA AIR; 1355-1410 (1500*-ed) EE, songs & tlk (Beaudoin 10/17).
11810 USSR RM; *0645 EE, coverage of celebrations of Revolution (Hut-
chins 11/7). 1245-1308 AA/FF, M&W, mx (McLaughlin 10/31).

- 11815 ASCENSION IS. BBB W.S.; during 1830-2000 period best W.S. freq here, ex-11820; 2030 into PP to Europe/Africa (Hauser-TN).
- 11815 INDIA AIR; 2300+ EE, "parliamentary reforms" cmnt (D.Johnson 9/11).
- 11815 NETH. ANTILLES TWR; 1155-1205 EE, Sodom & Gomorrah (Earhart 10/16).
- 11815 POLAND R. Warsaw; *1230-1255* EE, Chopin concert (Camillo 10/30).
- 11815 USA WYFR; 2051* Russian rel pgm, ex-11805? (Padula-AUST 10/22).
- 11820 ASCENSION BBC; 0053 SS, still here w/relay sound (Hauser 11/8).
- 11825 SOCIETY IS. R. Tahiti; 0141-0510 PF/Tahitian (5 reporters).
- 11835 ECUADOR HCJB; 0430 into RR, EE ID, good (Poppin 10/19, 10/31).
- 11835 HAITI 4VEJ ("R.S.4VEH"); 2040+ SS, Bible talks (Padula-AUST 9/30).
- 11835 SRI LANKA SLBC; 0800-0830, 1000+, national pgms in local langs. External Svc. moved to 11800 from 1030-1130 but at other times the national svc. is carried // on both freqs (Padula-AUST 10/5).
- 11835 SUDAN R. Omduran; 0420-1835 AA, Arab & Western mx, political tlk, good (Mackay 10/31, Hall 11/5, Mayer 11/2, Padula-AUST 10/16).
- 11835 URUGUAY R. El Espectador; 2345-0230 SS, ads, ID "desde la República de Uruguay", good until HCJB *0230 (Hall 10/20, Filka 10/18).
- 11845 AUSTRALIA RA-Shep.; *0400-0500 EE, 0500+ FF, Afr.Svc., world & Aust. nx & reports, fair (Bogel 11/1, Poppin 10/19).
- 11845 CANADA RCI; 0340-0350 SS, tlks, good (Earhart 10/20).
- 11845 KUWAIT RK; 1710-1730 EE, U.S. pops, TC: 8:30am (Schwartz 10/17).
- 11845 NEW ZEALAND RNZ; 0630* EE, ann'd freqs (Earhart 11/7).
- 11850 INDIA AIR; *0130 reg. svc, lcl lang, nx (Padula 10/17).
- 11850 NORWAY RN; *1700-1720 NN, EE ID, nx & views in NN, VOA signed off this freq about 30 sec before Norway came on. FINALLY! (Ravenhorst 10/25). 1800 EE to W.N.Am., poor (Zilmer 10/24).
- 11860 USSR "R. Kiev"; 0315-0328+ EE, QRM R. Korea (Poppin 10/22). R. Moscow; *1530-1600* "Roundup of Events", to Asia (Ravenhorst 10/25).
- 11865.8 BRAZIL RC Pernambuco; 0025-0100 PP, f (Yajko 10/16, Florian 10/11).
- 11870 NORWAY RN; 2200 EE, "Norway this Week", fair (Zilmer 10/17).
- 11870 SWEDEN RS; *1400 EE to Asia, ex-15240 (Padula 10/9, Zilmer 10/31).
- 11875 UNID; Brazilian here, very rare, sports bc 0015-0030, same pgm as on 15145 also heard at this time (Padula-AUST 10/10). Could this be a new channel for R. Jornal do Comercio? -ed.
- 11885.5 BRAZIL R. Ipanema; 0045-0110 PP, vocals & string mx, clear ID 0058, fair but fluttery signal (Cress 10/27).
- 11890 CZECHOSLOVAKIA R. Prague; 1745 EE, good signal (Beirs 10/10).
- 11890 FRANCE RFI; 1709 EE, just when "Paris c/Africa" is serving N.Am. well on 19m. they drop most such channels for: 11890, plus 11930, & 11705, also jammed 9715 (Hauser 11/7).
- 11890 PHILIPPINES FEBC; 0900 EE, pgm about stamps, f (Brookwell 10/14).
- 11895 NORWAY RN; 0013 NN, good (Poppin 11/1); 1200 EE, f (Zilmer 10/31).
- 11900 USSR RM; 0414-0430 RR, Armenian rock beat entitled "Pleasant to rest a bit", time chimes for 7:30, "Moscow Nights" (Poppin 10/25).
- 11900 SOUTH AFRICA R. RSA; 0620-0640 EE, to W.Afr., fading (Earhart 10/7, Edelstein 11/1); 1625 EE (Grenier 10/2); 1735 DD (Schwartz 10/16); 2100-2130 EE (Plotnick 10/16); *2226-2320* EE, visit to R. Nepal on "DX Corner" (W. Watson 10/30).
- 11905 THAILAND RT; 2350 EE nx read by lady (Padula-AUST 10/2).
- 11910 QRM; Numbers station *1730-1741 GG. W ann., good (Aston 11/7).
- 11915 ECUADOR HCJB; 0130-0230 EE, exo (Bernstein 10/31, Pollard 10/19).
- 11925 GREECE VOG; 1800 Greek, IS then M, under Portugal (Mayer 11/2).
- 11940 BELGIUM ORU/BRT; 1730-1745 EE, pop mx, dx pgm (Sunday), mailbag (Tues.) (Boomer 10/24, Rojewski 11/2, Hall 11/5).
- 11940 ROMANIA R. Bucharest; 1300-1304 EE, nx (Zilmer 10/31, Florian 10/23).
- 11940 USSR RM; 0452-0501 CC, tlks w/interludes of jazz; at 0500 RS Peace & Progress ID (McLaughlin 10/27). 0730 Indonesian to 0800-1000 EE for Australia (Padula-AUST 10/21).
- 11940 CHINA RP; 2300 SS, nx (Florian 10/10); 0000-0200 EE to N.Am. (8 reporters); //11675 at *0055 (Cress 10/28).
- 11945 LIBERIA ELWA; 1945-2052* EE, Afr. chants, rel pgms, nx summary at sign-off (Cohen 10/31, Filka 10/17, Vokes 10/28, Yajko 10/16).
- 11950 BRAZIL R. Min. Educacao; 0034 PP, cl mx, fair (Yajko 10/17).
- 11950 SAUDI ARABIA (tent.) BSKSA; 1605-1705 AA, stringed instr & singing to 1625, then ez mx, nx by W at 1700 (Ravenhorst 10/25).
- 11950 KAZAKH SSR R. Alma Ata; 0130 Kazakh, relay of HS, tlks, mx w/lcl ID at 0159 (Padula 10/10); 1630-1650, IS chimes (Roberts 10/10).
- 11965 BRAZIL R. Record; 0030-0048 PP, ads, soccer matches, excited ann., sound effects (Yajko 10/17, McLaughlin 10/31).
- 11970 CUBA RHC; 2220 SS, L.A. mx (Grenier 10/30).
- 11990 CZECHOSLOVAKIA R. Prague; 1450 EE (Johnson 11/1).

- 12140 ROMANIA R. Espana Ind.; 2350-2355 SS, anthem 2353 (Cress 10/26).
 12175 ICELAND Reykjavik R.; 1000-1100 EE, short nx & wx, then mixed mx & poetry, fair (Johnson 11/2); 1148-1208 EE, test tape then orch mx with W ann (Laves 10/29); 1248-1253 w/mx at 1251 then ID at 1253 followed by test tape; 1840-1850 EE, not bc (Krueger 10/25).
- 12380 NETH. ANTILLES TWR; 0431 Czech, 6190 x 2, weak (Hauser 10/29).
 14900 GREENLAND Godthab R.; 1935-2035 EE, Greenland statistics, fair (Cress 10/25). 1955 EE, that travel ad masquerading as a PTP marker: "Greenland is the largest island in the world" etc. (Hauser 11/7).
- 15012 VIETNAM VOV; 1934 VV, W tlk, fair (Brookwell 10/10); showing well in EE 2030-2100+, tone is much more pleasant, with previous hardcore political bias now very much diminished. Talks about sports events, general nx items, highway construction (Padula-AUST 10/11).
- 15060 CHINA RP; 2340 CC, fair (Yajko 10/13); 0000-0035 EE (8 reporters).
 15100 USSR "R. Kiev"; 2229 Ukrainian, IS, ID, tlk M&W (Hywarren). 0031-0057+ EE, spoke to concerned young workers (Poppin 10/28, Florian 10/31). ASIATIC RSPSR, Vladivostok, RM relay, *0100 (Conover 10/10).
- 15105 GRENADA RG; 2005-2205 EE, mx requests & greetings (Beaudoin 10/23, Yajko 10/16, Padula-AUST 10/11, Schwartz 10/17).
 15105 JAPAN NHK; 2000-2315 EE/JJ, regular Gen Svc pgm (7 reporters).
 15110 FINLAND RF; 1330-1400 & 1430-1500 EE to N.Am. (5 reporters).
 15120 NIGERIA VON; *1800-1930 EE, talking drum IS, ID, nx, mx pgm, severe splatter (Mayer 10/16, Hall 10/12, Mackay 10/10).
- 15120 VATICAN VR; 2035 FF, rel disc., to Africa (Padula-AUST 10/24).
 15145 BRAZIL R. Jornal do Comm.; 2140-0130 PP, very fast sports broadcasts (Cain 10/10, Padula-AUST 10/10, Yajko 10/13, Turner 10/14).
 15150 CHILE LV de C; cf. 11810, 2230-0120 EE/SS (8 reporters).
 15165v BRAZIL Ceara R. Clube; 1845-2045 PP, mx & tlk, sports commentary, fair signal, rough fading (Cain 11/1, Yajko 10/16).
- 15165 DENMARK RD; *1730-1815* DD, all Danish pgm exc. EE ID at S/on & S/off (Ravenhorst 10/25); *1726-1801 DD to Greenland (Krueger 10/24).
 15165 MALAGASY REP RN-Talata; 1700 Dutch news report (Grenier 10/31).
 15165 VATICAN VR; 1500 EE/?-lang to India/Southeast Asia (Mooney 10/23).
 15170 SOCIETY IS. R. Tahiti; 2322-0444 FF/Tahitian (5 reporters).
 15175.5 MEXICO LV de la America Latina; 2135-2200 SS, Mex. mx, dramatic sketch, announcements by M & W, good (Cress 10/29); 2240-2310, ads by M&W, sports, tlk (Hall 11/5, Zilmer 10/17).
- 15175 NORWAY RN; 1612 EE to N.Am. (Zilmer 10/24); 1800 EE, ID, fair (Hall 10/26); 2210 EE, weekly Sun. pgm in EE, poor (Beirs 10/17).
- 15180 USSR RM; 0022-0045 EE, cmntry, choral mx, poor (W. Watson 10/24).
 15185NF ANTIGUA Deutsche Welle; *1200-1220* GG, ID in EE, announced site and that pgm is for S.Am., good (Zilmer 11/3).
- 15185 SRI LANKA VOA; 0130-0200 EE, "Breakfast Show", weak (Hall 10/28).
 15185 USSR "RS Peace & Progress"; 1230-1300 EE, nx, cmntry (Bishop 10/8).
 15190 CONGO REP Rdf TV Congolaise; 1735-2130 FF & 2130+ EE (7 reporters).
 15220 MALAGASY REP RN-Talata; 2000-2025 FF (Grenier 11/6, Earhart 10/9).
 15225 TAIWAN VOPC; 0053 CC until VOA QRM 0059, songs (Brookwell 10/31).
 15235 PHILIPPINES FEBC; 0035-0105, ID, rel mx, good (Hoffman 11/5).
 15245 BRAZIL R. Nac. Brasilia; 2015-2030 GG, IDs, L.A. mx (Noonan 10/30); 2100-2200 EE, 2200+ PP, pgms about Brazil, topics (7 reporters).
- 15245 USSR RM; 2311 EE, "Thinking Out Loud", good (Florian 10/10); "R. Kiev", 0030-0058, ann'd //s 17720, 15210, 15100, 7250, 7150; to N.Am. with nx, "Ukrainian Sports Diary" (Brown 10/12).
- 15265 BRAZIL R. Excelsior; 2152-0000 PP, U.S. pops & Brazilian ballads, ads & IDs, fair/good (McLaughlin 11/4, Hall 11/3, Zilmer 10/18).
- 15290 ARGENTINA R. El Mundo; fade in 2120 SS, anncts and ID 2130, then continued w/symphony concert selections. Very rare here these days-blocked around 2135 by VOA-Philippines co-channel (Padula-AUS 10/10).
- 15290 CANADA RCI; 2002 EE, new svc to Oceania; in reality RCI uses exactly the same facilities for S.Pac. as for USA, so this is also a USA service, having been designed for eastern USA (Hauser 11/7).
- 15290 PHILIPPINES VOA-Tinang; 2220-0050 EE, pops, nx about a new bicycle law in U.S. (Beirs 10/10, Earhart 10/10, D. Johnson 10/17).
- 15300 JAPAN NHK; cf. 11800, *2345-0045*EE to N.Am. (6 reporters).
 15305 SWEDEN RS; 1400-1430 EE to N.Am. (Schwartz 10/9, Florian 10/11).
 15320 AUSTRALIA RA-Shep; *0000-0100 FF, 0100-0500 EE, 0500+ FF; mx, nx, songs (Cain 10/10, Poppin 10/5 & 10/19, Turner 10/11, Hoffmann 10/15).
 15325 CANADA RCI; *1800-1827 EE, usual pgm but only one-half hour! Then into FF - what gives? (Ravenhorst 11/7).
 15325 PAKISTAN RP; 0630 ?-lang, mx w/sitar & other inst (Johnson 11/9).

- 15335 AUSTRIA ORF; *1700 GG to Afr., cultural pgm: cl. mx, poetry (Cohen 10/24). 1830-1855* EE, fair (Beirs 10/10, Miller 10/24).
- 15345 ARGENTINA R. Nacional; *1259 SS, musica popular, f (Zilmer 10/17).
- 15355 PORTUGAL RFE; 1545-1610 Czech, rock, nx w/jammers (Brown 10/30).
- 15365 USA VOA-Dixon; 2330-0000 CC, EE lessons (Brown 10/26, Hoffman 10/31).
- 15420 CYPRUS BBC-Limassol; 1700-1728 W.S. (Ravenhorst 10/25, Beirs 10/10).
- 15435 MALAYSIA BBC-Tebrau; *2300-2345 W.S. (Cohen 10/23, Zilmer 10/24), flutter in their signal made copy fair then poor (Earhart 10/23).
- 15460 USSR "R.S.P.&P."; 1300 EE, internat'l economic relations from the Soviet perspective; splatter from Simferpol 15455 (Golden 10/27).
- 15485 ISRAEL IBA; 1200-1228 EE, good (Zilmer 11/1, Earhart 10/18).
- 15650 KOREA (NORTH) R. Pyongyang; 0424-0433 SS, electric rail transport; *2200-2250* KK, tlks, mx, anthem 2248 (Krueger 10/3, Zilmer 10/25).
- 17705 USSR R. Pacific Ocean; 0700-0800* RR Fridays only (Padula 10/22).
- 17720 USA WINB; 2004-2050* EE, religious (Noonan 10/30, Padula 10/25).
- 17720 USSR RM; *0730 Indonesian, replaces former CC (Padula-AUST 10/22).
- 17725 JAPAN NHK; 0130 EE, "Current Topics", good (Rojewski 10/28).
- 17725 PORTUGAL RFE; 1850-1900 Bulgarian, old discs & nx (Brookwell 10/25).
- 17730 IRAN NIRT; 1020 Farsi, HS relay, ads (Padula-AUST 10/7).
- 17745 EGYPT R. Cairo; 1130 AA, //17625 (Mackay 10/2, Yajko 10/17).
- 17750 CUBA RHC; 2120-2140* EE, "P.O.Box 7026" (Bernstein 10/31, Noonan 11/4).
- 17750 KUWAIT RK; 0745 EE for Asia, ex-15345, pop mx (Padula-AUST 10/14).
- 17770 AUSTRIA ORF; 1830-1845 EE, nx, sports, UN report (Camillo 10/23).
- 17775 SWEDEN RS; 1158, special SSB test, mx distorted (Zilmer 10/24).
- 17780 ECUADOR HGJB; 1815-1840 Czech/GG, fair (Earhart 10/9).
- 17785 USSR RM; 0740 CC, ex-17815 (Padula-AUST 10/21).
- 17790 SWEDEN RS; 1758 Swedish, SSB test, EE ID, poor (Zilmer 10/24).
- 17795 AUSTRALIA RA; 0100-0200 EE to Pac. (Osterman 10/11, Rojewski 10/29).
- 17795 NORWAY RN; 1457-1610 NN/EE, local nx (Florian 10/23, Zilmer 10/24).
- 17800 TAIWAN VOPC; *1100-1115 CC. IS, mx, song (Schwartz 10/7).
- 17810 PHILIPPINES FBBC; 2342-0100 EE (Brookwell 10/11, Osterman 10/10).
- 17810 ENGLAND/HOLLAND; BBC-PP/RN-EE at 1420 co-channel (Hauser 11/7).
- 17815 ISRAEL IBA; *1356 Yiddish or RR? - severe jamming (Conover 10/25).
- 17825 BULGARIA R. Sofia; 1908 EE to Africa, poor audio (Mackay 10/9).
- 17825 JAPAN NHK; 0130 EE, cmntry, //15420 (Poppin 10/15).
- 17825 USSR RM; *1400 ?-lang, to Far East? - RM's IS (Mackay 10/10).
- 17825 VATICAN VR; *1500 Hindi, following EE ID, good (Florian 10/23).
- 17830 GREECE VOG; *1200-1250* Greek/EE, //15345 (Mackay 10/3).
- 17830 NETH. ANTILLES RN; *1958-2005+ FF (Noonan 10/30, Conover 10/10).
- 17830 SWITZERLAND SBC; 1530-1600 EE, DX M-G-R (Camillo 10/23); 1745-1800* Arabic (Beaudoin 10/27, McLaughlin 10/30).
- 17835 USSR R. Pacific Ocean; *0700+ RR on a Fri.; a recent NF - many are used for this svc, originating in Vladivostok. Transmitters may be anywhere! (Padula-AUSTRALIA).
- 17840 CZECHOSLOVAKIA R. Prague; 1400-1455 EE (Mackay 10/3, Zilmer 10/24).
- 17860 USSR RM; 1350-1359* EE, "R.S.P.&P." (Mackay 10/10).
- 17870 AUSTRALIA RA; 0258-0300 EE, ann. re. Carnarvon (Poppin 10/21).
- 17880 MALAYSIA BBC-Tebrau; 0000-0035 EE, p (Zilmer 10/13, Grenier 10/31).
- 17880 PORTUGAL RP; 1715-1728 EE, 1730 FF, nx, local mx (Zilmer 10/24).
- 17885 CYPRUS BBC-Limassol; 1400 W.S., mix w/Moscow to Afr. (Mackay 10/2).
- 17885 USSR "R.S.P.&P."; *1430-1459* EE to Africa (Mackay 10/3).
- 17890 TAIWAN VOPC; 0012-0028 CC, military mx, speech with crowd noises (Osterman 10/11); *0200-0230 EE, CC pops (Glazzy 10/16).
- 17920 EGYPT R. Cairo; 1330 EE, ID with news (Conover 10/24).
- 21460 BELGIUM ORU; 1220 FF, 1300 DD, 1500 FF (latter //17740) (Mackay 10/9); 1500-1555 FF, sports, mx, exc. (Cohen 10/30, Conover 10/10).
- 21465 EGYPT R. Cairo; 1223 AA, Arab music, weak (Mackay 10/9).
- 21475 BELGIUM ORU; 1228 & 1535 DD, mx, p (Mackay 10/9, Conover 10/10).
- 21510 ITALY RAI; *1500+ II (Mackay 10/10, Osterman 10/10, Conover 10/10).
- 21540 GERMANY (EAST) RBI; 1225-1244* EE, dx show (Richardson 10/11); 1310 GG to S.Asia (Mackay); 1350 Hindi (Osterman 10/11).
- 21580 FRANCE RFI; 1415-1700 FF, strong, //15315, 21620; at 1701 EE & FF IDs (Zilmer 10/24, Conover 10/10, McLaughlin 10/30).
- 21650 ITALY RAI; 1507 II, Sunday soccer, //15385, 21510 (Mackay 10/10).
- 21655 NORWAY RN; 1300-1450 EE/NN (Mackay 10/9, Osterman 10/9, Zilmer 10/24).
- 21670 CZECHOSLOVAKIA R. Prague; 1430-1500 EE to Asia, Pac., 1530+ EE to Africa, nx, cmntry, mx, strong (Osterman 10/4, Mackay 10/9).
- 21680 USSR RM; 1325 RR, HS, //15150, 21490 (Mackay 10/9).

Indications are that the solar cycle is on the upswing. Best wishes & 73s!

What a month! Many thanks to the 92 reporters who wrote in this month. That is the most that I have seen since I started working at this. Let's keep sending in those reports, and give the editors plenty to look over. This is the last issue for 1976, and for this year, I had a total of 231 reporters throughout the year since February. Thank you! Write in reports in '77 also!

David BALL, Downsview, Ont, Canada (DX-150A)...Sam BARTO, Watertown, CT ... Robert BEAUDOIN, Bridgeport, CT (R-388)...Jim BEIRS, Wheaton, IL...Barry BERNSTEIN, Spring Valley, NY (RF-1150)...Gerry BISHOP, Christiana, PA (DX160) Bill BOGEL, Santa Barbara, CA (RF-1150)...Bruce BOOMER, Nutter Fort, WV (HQ 180/HQ-200)...Alan BROOKS, Oakdale, CT (DX-150A)...Larry BROOKWELL, San Diego, CA (R4B)...Noel BROWN, Ann Arbor, MI (SB-313)...Jim BRYAN, Tracy, CA (SPR4)...Lynn BURKE, Newport News, VA (SPR4)...Roy CAIN, Monroe, LA (DX-160) Michael CAMILLO, Brooklyn, NY...Mike CASSELL, Greensboro, NC...Jon COHEN, Willingboro, NJ (FRG7)...Jack CONOVER, Pittsburgh, PA (SPR4)...James CONRAD, Waterloo, IA (HQ-160/XCR-30)...Kent CORSON, Dubuque, IA (HQ-200)...Michael CRATER, Topeka, KA (SPR4)...Hadley CRESS, Harrisonburg, VA (R4C/HRO-500)...William DAVENPORT, Nashville, TN (DX-160)...William DRENNAN, Rosemere, Que, Canada (R959D)...Kenneth EARHART, Allentown, PA (FRG7/SX-190)...Larry EDELSTEIN, Centereach, NY (SPR4)...Marlin FIELD, Hillsdale, MI (SX-100)...Dennis FILKA, Parma Hts, OH (SPR4/DX-160)...Jay FLORIAN, Round Lake, IL (SPR4) Charles GEORGE, Dallas, TX (Staromer II)...Myron GERCKEN, Watseka, IL (DX160) Mike GLAZZY, San Jose, CA (SX-130)...Jay GOLDEN, Chicago, IL (51J4/SX-190). Peter GRENIER, Azusa, CA (FRG7)...Tom HALL, San Francisco, CA (SW4A)...John HANCOCK, Mobile, AL (SPR4)...Editor Glenn HAUSER, Knoxville, TN (HQ-160)...John HERKIMER, Caledonia, NY (HQ129X)...Werner HOFFMANN, Santa Barbara, CA (CRF320/SSR-1)...William HOHNSTEIN, Lincoln, NE (SB-300/FT-101E)...Jeff HOWER, Denver, CO (DX-160)...Chas. HUTCHINS, Rumford Pt, ME (NC-183)...Aaron HYWARREN, Winnipeg, Man, Canada (AR2A)...Joe IHNAT, Jr, Coraopolis, PA (DX-160)...Dale JOHNSON, Winnipeg, Man, Canada (SB-310/SX-42)...Jack JONES, Jackson, MS (DX-160)...Gib JUNQUA, Osaka, Japan (R4C)...Terry KRUEGER, Casselberry, FL (QR-666)...Alan LIVES, Austin, TX (R-390A)...Editor Jerry LINSEBACK, St. Joseph, IL (SPR4)...Daniel LUCE, Austin, TX (SW-717/BC-348)...Bob MCCOY, Lincoln, NE (DX-150B)...Pat McKRELL, Rohnert Park, CA (DX-160)...Pete McLAUGHLIN, Dover, DE (SPR4/Lloyds Port.)...Don MACKAY, Newark, DE (SPR4) Publisher Alan MAYER, Park Forest, IL (SPR4)...Albert MILLER, Youngstown, OH (HRO-500)...Brian MOONEY, Islington, Ont, Canada (FRG7)...Editor John MORITZ Youngstown, OH (HQ-180)...Larry NEBRON, Daly City, CA (SX-190/SW4A)...Timothy NOONAN, Milwaukee, WI (SW4A)...Sydney OSTERMAN, Toronto, Ont, Canada (FRG7)...Tom OVERCAMP, Seneca, SC (SP-600/BC-221AK)...Bob PADULA, Surrey Hills, Vic, Australia, (CR-100)...W.J. PEARSON, Avonmore, PA (DX-160)...Don PETRAVICK, Chicago, IL (2-C)...Alan PLOTNICK, Hamden, CT (SPR4)...Eunice POLLARD, Warwick, RI (XCR-30)...George POPPIN, San Francisco, CA (CRF-5090) Editor Greg RAVENHORST, Hollandale, MN (R4C)...Mike RICHARDSON, Glens Falls NY (Patrolman 10)...W. Conrad RICHARDSON, Lynchburg, VA (DX-160/BC221/NC190) Jim ROBERTS, Winnipeg, Man, Canada (Eddystone 940)...Don ROJEWSKI, Tacoma, WA (SPR4)...Chris RUBAK, Palatine, IL...Richard SCHWARTZ, Dover DE (SX-190/S108)...Dan SHINGLER, St. Clair Shores, MI (DX-160)...Myron SMITH, Spencerport, NY (SX-190)...Todd SMITH, Wilton, CT (GR-64)...Leon TANNENWALD, New York, NY (SPR4)...John TUCHSCHERER, Neenah, WI (HQ-180A/HQ-100A)...Kevin TURNER, Marietta, GA (DX-160)...Robert VOKES, Austin, TX (XCR-30)...William WATSON, USS Petrel, Charleston, SC (R-1051B/URR)...Bill WHITACRE, Lansing, MI (R4B/SPR4)...Jerry WILLIAMSON, Chicago, IL...Steve WISEBLOOD, Santa Maria CA (M660A)...Frank WOLTMAN, Cambridge, WI (DX-160)...Robert YAJKO, Leechburg, PA (SPR4)...James YOUNG, Wrightwood, CA (HQ-180A)...Robert ZILMER, Milwaukee, WI (SPR4/R-390A)...Sorry! Almost Forgot Kim OWEN, Denver, CO (DX160)

HELPING HAND: Wanted. Parts for a Hammarlund HQ-180A. Contact W.C. Buras, 1805 Neyrey Dr., Metairie, LA 70001.

HELPING HAND: For Sale. Barlow Wadley XCR-30, \$185 plus shipping. Also, a Realistic Astronaut 10, \$75 plus shipping. Both like new, in original carton with manual. Contact Rick Cole, 610-1st Ave, Oregon City, Oregon 97045. Phone #503/655-5233.

HELPING HAND: For Sale. Drake 2A, \$145, includes xtals for some SWBC bands, and CB band. Drake SW4A, \$225. Drake 2C, \$175, includes crystal for CB band. Above prices include shipping and manuals. Contact Donald Birch, 4420 North Newland Blvd, Tucson, Arizona 85705.

THE END OF 1976: In thanks to those that reported every month, and followed the format for reporting that I've suggested often, I put their names in a hat, and pick one out. To show my personal thanks, I gave away a year's subscription to DX Hotline to the name I picked out. Congrats, Frank Woltrman. Lastly, in this Xmas season, I wish for you God's blessings, and a truly Merry Christmas, and a Joyous New Year! From our house to yours, Merry Xmas!! Greg, Carol, & Pamela (8 months!)

NASWA

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