

FRENDX

SWEDEN CALLING DX-ERS

Bulletin nr 1493

Date 78-08-08

radio sweden

International service of the Swedish Broadcasting Corp.
S-105 10 Stockholm, Sweden

All times GMT
Editor this week

George Wood

Angola. Contrary to the report in DX-B 1486, Radio Nacional has not left 4820 kHz. This fq is still in use with reduced power and can be heard evenings. 4790 kHz, as reported, is a new fq parallel to 4820 and with higher power. Other fq:s heard recently include: 3355, 3375, 7245, 9535, 9660 and 11955 kHz. (Mikki Vce-lar, S.Africa).

Belgium. BRT has a DX programme in Spanish called "Rincon DX" on the first and third Sun. of each month. The programme is broadcast from 0730 to 0800. Contact to: BRT, Paul Koenig, Avenue de la Liberte 1, 1050 Brussels, Belgium. (Emilio Povr-

Brazil. The second harmonic of the 14.33 MHz station has been heard 3000 km away from the transmitter. The second harmonic would be heard on week-days after 0800. (George Wood, Brazil).

Cameroon. The 1030-1130 and 1130-1230 kHz (Mikki Vce-lar, Cameroon). (Francesco Clemente, Cameroon).

China. Here is a list of frequencies: 11695 and 15200 kHz. (Africa: 1830-1930 kHz, 2130-2230 kHz, 2430-2530 kHz, 2730-2830 kHz, 3030-3130 kHz, 3330-3430 kHz, 3630-3730 kHz, 3930-4030 kHz, 4230-4330 kHz, 4530-4630 kHz, 4830-4930 kHz, 5130-5230 kHz, 5430-5530 kHz, 5730-5830 kHz, 6030-6130 kHz, 6330-6430 kHz, 6630-6730 kHz, 6930-7030 kHz, 7230-7330 kHz, 7530-7630 kHz, 7830-7930 kHz, 8130-8230 kHz, 8430-8530 kHz, 8730-8830 kHz, 9030-9130 kHz, 9330-9430 kHz, 9630-9730 kHz, 9930-10030 kHz, 10230-10330 kHz, 10530-10630 kHz, 10830-10930 kHz, 11130-11230 kHz, 11430-11530 kHz, 11730-11830 kHz, 12030-12130 kHz, 12330-12430 kHz, 12630-12730 kHz, 12930-13030 kHz, 13230-13330 kHz, 13530-13630 kHz, 13830-13930 kHz, 14130-14230 kHz, 14430-14530 kHz, 14730-14830 kHz, 15030-15130 kHz, 15330-15430 kHz, 15630-15730 kHz, 15930-16030 kHz, 16230-16330 kHz, 16530-16630 kHz, 16830-16930 kHz, 17130-17230 kHz, 17430-17530 kHz, 17730-17830 kHz, 18030-18130 kHz, 18330-18430 kHz, 18630-18730 kHz, 18930-19030 kHz, 19230-19330 kHz, 19530-19630 kHz, 19830-19930 kHz, 20030-20130 kHz, 20230-20330 kHz, 20430-20530 kHz, 20630-20730 kHz, 20830-20930 kHz, 21030-21130 kHz, 21230-21330 kHz, 21430-21530 kHz, 21630-21730 kHz, 21830-21930 kHz, 22030-22130 kHz, 22230-22330 kHz, 22430-22530 kHz, 22630-22730 kHz, 22830-22930 kHz, 23030-23130 kHz, 23230-23330 kHz, 23430-23530 kHz, 23630-23730 kHz, 23830-23930 kHz, 24030-24130 kHz, 24230-24330 kHz, 24430-24530 kHz, 24630-24730 kHz, 24830-24930 kHz, 25030-25130 kHz, 25230-25330 kHz, 25430-25530 kHz, 25630-25730 kHz, 25830-25930 kHz, 26030-26130 kHz, 26230-26330 kHz, 26430-26530 kHz, 26630-26730 kHz, 26830-26930 kHz, 27030-27130 kHz, 27230-27330 kHz, 27430-27530 kHz, 27630-27730 kHz, 27830-27930 kHz, 28030-28130 kHz, 28230-28330 kHz, 28430-28530 kHz, 28630-28730 kHz, 28830-28930 kHz, 29030-29130 kHz, 29230-29330 kHz, 29430-29530 kHz, 29630-29730 kHz, 29830-29930 kHz, 30030-30130 kHz, 30230-30330 kHz, 30430-30530 kHz, 30630-30730 kHz, 30830-30930 kHz, 31030-31130 kHz, 31230-31330 kHz, 31430-31530 kHz, 31630-31730 kHz, 31830-31930 kHz, 32030-32130 kHz, 32230-32330 kHz, 32430-32530 kHz, 32630-32730 kHz, 32830-32930 kHz, 33030-33130 kHz, 33230-33330 kHz, 33430-33530 kHz, 33630-33730 kHz, 33830-33930 kHz, 34030-34130 kHz, 34230-34330 kHz, 34430-34530 kHz, 34630-34730 kHz, 34830-34930 kHz, 35030-35130 kHz, 35230-35330 kHz, 35430-35530 kHz, 35630-35730 kHz, 35830-35930 kHz, 36030-36130 kHz, 36230-36330 kHz, 36430-36530 kHz, 36630-36730 kHz, 36830-36930 kHz, 37030-37130 kHz, 37230-37330 kHz, 37430-37530 kHz, 37630-37730 kHz, 37830-37930 kHz, 38030-38130 kHz, 38230-38330 kHz, 38430-38530 kHz, 38630-38730 kHz, 38830-38930 kHz, 39030-39130 kHz, 39230-39330 kHz, 39430-39530 kHz, 39630-39730 kHz, 39830-39930 kHz, 40030-40130 kHz, 40230-40330 kHz, 40430-40530 kHz, 40630-40730 kHz, 40830-40930 kHz, 41030-41130 kHz, 41230-41330 kHz, 41430-41530 kHz, 41630-41730 kHz, 41830-41930 kHz, 42030-42130 kHz, 42230-42330 kHz, 42430-42530 kHz, 42630-42730 kHz, 42830-42930 kHz, 43030-43130 kHz, 43230-43330 kHz, 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Welcome to 53 new members joining in time to receive the October FRENDX. We hope they find their new membership to be helpful.

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|---------------------------------------|--|
| BAUDINO, James, Joliet, IL | MULANAX, J.L., Pampa, TX |
| BROWN, Clif, Chicago, IL | MULL, Mickey, High Point, NC |
| BUCHANAN, George R., Dallas, TX | NELSON, Daniel C., Rhinelander, WI |
| CEDER, Shaul, Far Rockaway, NY | PAWLAK, Stanley T., Brooklyn, NY |
| CHURCHILL, CDR Bruce, Middletown, RI | PERKO, Joseph J., St. Augustine, FL |
| COLLINS, Frank M., Bastrop, LA | ROBERTSON, Brian, Edinburg, TX |
| DACOLIAS, Dave, St. Maries, ID | ROSSHEIM, Allen, Lancaster, SC |
| DICKEY, Donald D., Bloomington, MN** | SALEM, Charles, Jr., Hastings, MN |
| DUBA, Mark A., Burlington, CT ** | SHKLAR, Ruth, Brookline, MA |
| FELDMAN, Gerald, Canton, MA | SHOEMAKER, Ronald, Grand Rapids, MI |
| FRANK, Stephen, Pamona, NY | SINIAPKIN, Serge, Mt. Morris, NY |
| GETZ, Milo, St. Charles, MO | SMITH, Harley, Gainesville, FL |
| GOLDMAN, Jeffrey, Bridgeport, CT ** | SMITH, Harold S., Schenectady, NY |
| GRIFFIN, Robert A., Keflavik, Iceland | STEPHENS, Ralph, Huntington Beach, CA |
| HAINES, Bruce F., Seattle, WA | STOLLER, Richard, Old Bethpage, NY |
| HAMPTONIE, Henry M., Los Angeles, CA | SWEDBERG, Eric, Astoria, OR |
| HANKS, John W., Delmont, PA | SWENSEN, Kent E., Murray, UT |
| HIGGS, William J., Alexandria, VA ** | UDELSON, Joseph, Nashville, TN |
| HUDGENS, Lloyd, Ft. Walton Beach, FL | UNGER, Dale M., Hanover, PA |
| JOHNSON, Kenneth R., Duluth, MN | WALKER, Floyd B., Ft. Wayne, TN |
| JORDAN, Brandon, Adamsville, TN ** | WELCH, Mike, Ames, IA |
| KERN, Will, W. Terre Haute, IN | WILLIAMS, Morgan G., Sr., Columbus, OH |
| KROLL, Ulrich G., Huntsville, AL | WIMMERS, Bernard, Jr., PPO Maimi |
| LABOSSIERE, David L., Enfield, CT | WITHERS, Milton, Richardson, TX |
| MCCOWN, Lowell E., Auxier, KY ** | WRBICAN, Bill, Creighton, PA |
| MCAIR, M. Kelly, Midland, TX | |
| MAKOSKI, Larry, E. Brunswick, NJ | |
| MANN, John H., Wingham, Ont. ** | |

** Nice to have you back with NASWA after a short absence.

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DX LIMERICKS

This month's trash is from John Lackmann, Lexington, VA. The dictionary defines a limerick as a nonsensical verse having five lines in which the first, second and fifth longer lines rhyme, as do the shorter third and fourth. Any NASWA member who wants to try his/her hand at such nonsense is invited to send his/her creation to HQ for possible publication in future issues. Remember, it must be a true limerick.

A WARC member named Hans,
Said to all of his SWL fans,
"I propose that we lobby,
On behalf of the hobby,
For quadrupled frequency bands:"

A thoughtful DXer named Snow,
Said, "To heaven I guess I won't go,
For I have a misgiving,
That 'Real Tips for Living',
Is not the best part of the show."

Shortwave Center



JERRY A. LINEBACK, EDITOR
P. O. Box 325
St. Joseph Illinois 61873

NOVEMBER 1978

Greetings. We hope you find this month's SWC and FRENEX interesting and useful. This is your magazine. Our material is submitted by you, the NASWA Associate. We are grateful for this month's contributors and ask that you send your items to the appropriate editors for next month. SWC solicits long and short articles on any subject relating to shortwave broadcast radio. Send your contributions to me at the address above.

Capital Experiences

WASHINGTON CONNECTIONS: DX EXPERIENCES IN
THE NATION'S CAPITAL

by Daniel A. Robinson, Washington DC

The Diplomatic List--in Washington, DC, anyone who really knows their way around the diplomatic circles has one. The list is a dark blue magazine available from the U.S. Government Printing Office (published by the Department of State), literally is a master directory for Embassy Row in Washington. It contains not only the current addresses and phone numbers of each country's major embassy personnel, but supplies the names, titles, addresses, and phone numbers of most minor personnel as well, all the way down to the Assistant Agricultural Counselor or Naval Attache.

At the beginning of my own college and DX career in Washington, DC, some three years ago, I obtained a copy of the Diplomatic List at a State Department book store. Without realizing it, I had set out on a trail that would lead me to, among other things, lavish embassy parties, conversations with numerous ambassadors and consulate officials, contacts with the CIA and its radio arm, the FBIS, visits to back-room radio monitoring posts accessible only to "authorized personnel," and lasting relationships with political refugees and exiles from Angola, Uganda, Thailand, and the Basque region of Spain. Many of the experiences that follow are not uncommon in Washington -- the city is as much a mosaic of ethnic and international diversity as it is bureaucratically complicated. The difference, however, comes with one's involvement with radio, specifically shortwave radio. For obvious reasons, many of the personalities portrayed here shall go nameless. Nevertheless, this account is purely factual.

Embassies in Washington are scattered throughout the Northwest portion of the city, generally along or in the vicinity of Embassy Row on Massachusetts Avenue, an impressive line of red brick and Victorian style mansions with various national flags flying outside. Many Third World embassies are located on Leroy Place, including the Nepalese and Mauritanian embassies. The Ambassador of Nepal, according to the Diplomatic List, is His Excellency Padma Bahadur Khatri. The name is one that should be instantly familiar to most DXers -- Khatri -- the verification signer from Radio Nepal. A QSL from Radio Nepal had long eluded me, and my purpose one day in September 1976 was to obtain one with the assistance of the embassy. A letter, forwarded by the embassy to K. B. Khatri in Kathmandu soon brought results.

The Embassy of Mauritania is adjacent to the Nepalese embassy, and on the same day I had an appointment with the First Secretary (the official just under the Ambassador in rank) to discuss the possibility of establishing a tape service for broadcasts from Nouakchott. Mr. Mekhalla Ould Sidi was indeed interested, especially after hearing an excellent sign-on recording of Mauritania on a cassette. "Yes, yes, of course, I am very familiar with radio hobbyists," he told me in response to my query. In fact, said Mr. Sidi in an enthusiastic tone of voice, he had once received a letter from a DXer requesting verification of a reception report of Radiodiffusion de Mauritania. He went into an adjoining room and brought out a letter with the embassy reply. The originator of this special diplomatic DX request?? Probably the best known QSLer the hobby has ever known, Mr. Gerry Dexter!

With so many foreign nationals residing within its boundaries, the District of Columbia (and its suburbs) is in every sense of the word, an international city. Meeting someone from another country is often easier than saying "howdy" to a fellow American. I submit, as an example, my encounter with a former Ugandan diplomat, Mr. X, whom I met one rainy night on the last bus from downtown. We were the only two persons on the bus at 1 a.m., and I recognized him as being an East African. Moving up to the seat behind the gentleman, I introduced myself and inquired as to his country of origin. "The State of Blood," he replied. Somewhat startled, it took me only a few seconds to determine just what he ment, and to a certain extent, his personal feelings toward the regime of Ugandan President Idi Amin Dada. I briefly mentioned my own DX connections with Radio Uganda, touching on the Blue and Red networks and the new international service, at which point Mr. X laughed and said, "You know, it's just another propaganda ploy by Amin . . . he is fully aware of the condition of Uganda's economy and whatever publicity he can gather through the new international station will do his regime well . . ." Mr. X showed me his wallet containing Ugandan government credentials, stamped invalid. We exchanged addresses and phone numbers and, ringing the bell for the next stop, he met my extended hand with one even firmer and stepped out into the wet DC night.

In November 1977, reports of reception of Radio Lesotho were soming fast and furious, and indeed, since the reactivation of that station, Maseru has been a frequent visitor to the shacks of many DXers. By Washington standards, the Embassy of Lesotho is a small operation with only two embassy personnel listed in the Diplomatic List. The economic and political interests of Lesotho, as with many other Third World nations does not warrant one of the large and luxurious mansions along Massachusetts Avenue. One Winter day, a call to the Embassy of Lesotho brought a somewhat incredulous reply from the desk receptionist. "But one can't hear Radio Lesotho in this country . . . it is very weak in power and only for Maseru listeners," she told me. Most DXers have run into this problem before, the classic case of a non-DXer confronting the realities of the forces of ether. I first explained to her who I was, to allay any fears that I might be a CIA employee attempting to pry some top-secret Lesotho government information out of her. "Listen, may I play you a tape recording of Radio Lesotho right here on the telephone, right now?" I asked her, and hit the play button. The evidence was quite overwhelming -- a crystal clear recording of Radio Lesotho at its 0400 sign-on.

Some days later I received a call from Mr. Maieane, First Secretary of the Embassy of Lesotho, inviting me to meet with him and explain how it was possible to hear Radio Lesotho in Washington, DC. That same day, his black embassy Granada pulled up in front of my dorm, and carrying my SPR-4 and a Dan Jamison stick antenna for demonstration purposes, I went with Mr. Maieane to his Bethesda, Maryland apartment. After a demonstration of the SPR-4's capabilities at 2200 GMT, he asked with great anticipation if I could do the same with his radio, a Blaupunkt table console model. I said it would be quite impossible for him to hear Radio Lesotho on his own radio, but before I left that day I had set up an outdoor antenna for him, a 50 foot wire snaking 10 stories down the side of the building. Since that day, I have met Mr. Maieane only twice, and only regret I couldn't have worked a proper miracle with his old Blaupunkt.

Many Washington embassies are located in offices, and a substantial number of these are in the Watergate complex overlooking the Potamic River. In 1976, the Diplomatic List had Sweden, Yemen Arab Republic, U.A.E., Sudan, Somalia, Qatar, and the Bahamas in various suites in Watergate. Armed with a cassette recorder containing a series of recordings of the Sudan, Radio Mogadishu, Qatar Broadcasting Service, and the Yemen Arab Republic, I set out one day to visit these embassies and introduce the uninitiated to shortwave reception. Without exception, and after some expected suspicion as to my motives, the embassy personnel were quite amazed that they could actually hear their home countries in Washington, some on a daily basis. A counselor from the Yemeni embassy inquired as to how to obtain the best receivers for monitoring Radio Sanaa -- cost was no obstacle. A Somali official sat open-mouthed as I played a perfect tape of Radio Mogadishu, and was even more impressed by a fairly poor tape I had of Radio Hargeisa. Many months later, at the height of the conflict in the Ogaden, I was to enlist the help of a Somali receptionist in forwarding a reception report to Radio Hargeisa -- no reply has been forthcoming, proof that even the most direct connections often yield few results.

One of the most interesting things about knowing one's way around the Washington embassy circuit is the out-of-the-way places one will find shortwave receivers and SWLs. DXers are very few, but consider, for example, the lone SW4-A that serves the OAS (Organization of American States) in the magnificent Pan American Union building; the receiver, rack mounted in the OAS basement is used to record programs not of domestic Latin American broadcasters, but of VoA, UN/OAS, and other major international stations.

In the Indonesian Embassy, Mr. Suradja Puraatmadja tuned his Zenith Trans-Oceanic every day hoping to catch the Voice of Indonesia overseas service. He knew little of regional Indonesian outlets (not that he could have heard them on the Zenith), but was nevertheless pleased with the list I left with him. Many of the offices at the ICA (formerly the USIA),

and VoA are equipped with receivers -- curiously they are not the latest models and are usually tuned to FM for the office secretaries rather than shortwave.

Carlos was an Angolan refugee, a "political" as they are called. I met him one day on the bus and came to know him as a friend and appreciate the difficulties he had experienced after leaving his home near Lobito in Angola. Carlos would pay me many visits in the late evenings to listen to Emisora Oficial or to Radio Clube do Huambo, the latter being the first of the regional Angolan stations to be reactivated after the civil war in that country. There were other foreign students for whom I monitored and taped broadcasts. During the brief civil disturbances in Sierra Leone, I stayed up many evenings well past 0600 GMT for local newscasts from Freetown. Arab and Iranian students (there are literally thousands in Washington) stopped by regularly to hear the latest from Riyadh, Tehran, Amman, or Cairo. One Saudi promptly ran out to the nearest electronic store and plunked down \$150.00 for an ICF-5900W, as easily as if he were buying a Coke. I must confess that I had considerable trouble explaining to him how the receiver worked and that every Arabic speaking station was not Riyadh. For an entire year I roomed with a Persian and my SPR-4's dial was frozen on 15084 kHz while DX catches beckoned on 60 metres. Several lavish Iranian Embassy parties attended by hundreds of well-known dignitaries, and offering large amounts of Iranian beef and rice soon compensated for any inconveniences.

Some years ago, a lengthy article in FRENDX outlined the history of the Foreign Broadcast Information Service (FBIS). The FBIS remains virtually unknown to most Americans and I would venture to say, to Washingtonians as well. For many visitors to the Washington headquarters of the FBI, a mammoth concrete edifice on Pennsylvania Avenue, the monitoring of foreign broadcasts is portrayed as a function of the FBI!! A display photograph at the beginning of an FBI tour shows an agent with an earphone presumably monitoring broadcasts from overseas on a Zenith Transoceanic. So much for misinformation. No mention is made of the FBIS. The FBI, to my knowledge, does not indulge in foreign broadcast monitoring, and even if my own information proves faulty in this respect, how many Americans are aware of this FBI function??

On several occasions, I took the initiative and phoned FBIS -- there is a number listed in the government section of the Yellow Pages, as well as one for the National Technical Information Service. The Azores/Portugal controversy, as well as the reactivation of Surinam and Guinea Bissau, made me wonder if the FBIS was on its toes (or dials). I was able to break through the effective secretarial barrier several times and spoke to a gentleman in charge of "L & R" (presumably Listening and Research). No, they had not detected the new frequencies of Surinam and Guinea Bissau and at the time did not know if 4865 was a transmitter in the Azores or in Portugal (neither did the Portuguese Embassy, embassies being notorious for out-of-date or inaccurate information).

Radio Swan de Honduras caused quite a stir when it reactivated on 6000 kHz, from the Honduran city of San Pedro de Sula. The reply from a Honduran Embassy official to my personal inquiry was a cold "no comment" and a denial of any knowledge of either the present or past Radio Swan -- curious, since the old Radio Swan's purpose, location, and source of funding were no secret. Many former USIA and State Department employees were, and still are very much aware of the facilities on Swan Island, still utilized today, but not for commercial radio broadcasts. Radio Swan has yet to return to the air from Honduras.

REFLECTIONS: IS THERE A ROLE FOR THE SWL?

I think back on the experiences described herein with not a small amount of wonder. Yet, I cannot escape a feeling of frustration. It is based on the knowledge that shortwave radio is an invaluable resource, but one that remains such an unknown to so many people, regardless of recent increased publicity given the "hobby." For me, the question can be phrased: Is there a role for the shortwave listening community beyond the present scope of SWling as an exciting, but isolated activity?

With regard, for instance, to the upcoming WARC 79, there has been an obvious lack of a unified voice for the SWL and DXer, or given that voice, the acceptance of its views. Understandable, SWL representation at meetings in Washington prior to WARC has been limited. Has there, however, been an official policy stand by SWLs through ANARC with regard to international broadcasting in the tropical bands? Not really -- only a general undercurrent of disapproval.

DXers and SWLs alike are bound by common experience. Most of us, young and old, recall the first DX "trip," a stimulating and mind-expanding event. The advances in broadcast technology have enhanced the effectiveness on international broadcasting, making our listening easier in some respects, more difficult in others.

Small nations send their voices across oceans with increased power, and we cheered the addition of new DX countries while protesting the closing of many other stations. Now, the very improvements in broadcasting that permitted improved reception of radio across man-made and natural boundaries, ironically threaten DXing. We would hope that the technology that produced communications satellites and high-power shortwave transmitters would also be able

to solve the problems of overcrowding in the radio spectrum. But as DXers, we know instinctively that La Voz de Galapagos cannot survive amidst a combination of 500 kW giants.

Shortwave listening, in summary, has yet to become a "culture building" tool, an active influence upon public opinion or U.S. foreign policy. Shortwave listeners are much more than a branch of amateur radio, a stepping stone to the "apogee" of the radio hobby. We are, and can offer, much more. We're part of a growing network of international communication (and recently, the objective of considerable commercial enterprise on the part of equipment manufacturers). Let's not be passive about our role. In times of increasing international tension, very often initiated by government policy out of touch with actual human needs and desires, we could very well make the difference between disaster and the sane resolution of our problems.

Head of the U.S. Delegation-WARC 79
Office of International Communications Policy
Room 5824
Department of State
Washington DC 20520

WARC 79

(Note: This letter was sent by Larry
Magns, Rockledge, PA, on 18 Sep 1978)

Dear Sir:

For the past three years I have been attending the FCC International Broadcasting Service Group (IBSG) meetings as the representative of the Association of North American Radio Clubs (ANARC), and one of its member organizations, the North American Shortwave Association. ANARC is the umbrella organization for United States and Canadian shortwave broadcast listening groups, and as such endeavors to act in behalf of the American shortwave broadcast listenership-at-large.

Public involvement in the U.S. WARC decision-making process has been nearly nonexistent, even though there are several million shortwave broadcast listeners in this country. In domestic broadcasting, the FCC simultaneously licenses stations and represents the interest of listeners to those stations. By contrast, in international broadcasting the FCC licenses stations whose audiences lie outside of this country, while the broadcasters to whom the American public listens operate outside the purview of the Commission. Over the past three years the Commission has resolved this dilemma by tending to concentrate on the requirements of FCC-licensed American broadcasters, with relatively little concern for the not insubstantial difficulties faced by American audiences trying to hear overseas broadcasts.

There is no substitute for the FCC in this capacity. Foreign broadcasting interests are excluded from the U.S. WARC decision-making process; Government agencies concerned with HF broadcasting are statutorily disallowed from targeting broadcasts to audiences within the U.S.; no substantial American commercial interests, e.g. advertisers, are involved with IB transmissions to the U.S.; and there is no lobby in Washington to fill the vacuum. In short, whereas the public convenience and necessity is paramount in decisions affecting domestic broadcasting, the U.S. listening public's requirements concerning IB are met only to the extent they coincide with other interests being fulfilled.

As you pointed out in our conversation last Friday, at this late hour the question is not whether the U.S. WARC decision-making process is suitable *vis à vis* U.S. listeners to foreign broadcasts. I concur, especially in that, thanks to the excellent conduct of the IBSG participants, many of the problems facing U.S. listeners have been given careful consideration. The Chairman, Mr. Leinwoll, in particular has extended himself to ensure all views were fairly heard and that sound ideas were properly researched for possible submission to the Commission. Despite this, there exists a gulf between the FCC 8th Notice of Inquiry and the best interests of the American listening public.

First, the American listening audience, insofar as can be determined by comments from shortwave listeners and the studies done a decade ago by Professor Don D. Smith, includes a sizeable number of listeners concerned primarily with Home Service programming, either relayed over the International broadcasting bands, or as found in the Home Service "Tropical" shortwave bands. Many of these listeners are expatriates and "ethnics," but a number are Americans "traveling" to other countries by radio, who find Home Service programming more suitable than programs, usually of a political nature, especially tailored for foreign audiences. The Tropical Bands, notably the 5 MHz band extending from 4750 to 5050 kHz, thus serve a notable function: Utilizing only a single channel of spectrum space, usually at low power, Tropical Broadcasters simultaneously reach both domestic and overseas audiences. Added to the fact that these bands are also shared with Fixed Services, the Tropical Bands are a worthy example of spectrum conservation.

In the 8th NOI, the Commission changed the definition of the 5 MHz band portion from 5005-5060 kHz from Tropical Broadcasting ("202") to International Broadcasting. Tropical broadcasters, to their credit, operate at far lower powers than their international counterparts. Many are 1 kW or less, and few exceed 50 kW (cf. the 1978 World Radio TV Handbook). Intrusion

of International broadcasting into the Tropical Bands thus makes harmful interference to Tropical domestic broadcasters inevitable, unless they, too, become parties to the "power race" that has long been taking place within the IB bands.

The interests of American shortwave broadcast listeners thus would be adversely affected, and international cross-cultural communication among peoples diminished, should the 5 MHz Tropical Band be altered to allow International Broadcasting. Further, although it does not affect American listeners directly, the 8th NOI 5 MHz IB proposal is by now well known throughout the Tropical broadcasting community, and the strong negative reaction suggests that pursuing this proposal to Geneva will result in alienating smaller nations, whose support may be needed for American proposals.

A more suitable alternative may be to rationalize the existing 4 MHz IB band to allow it to properly handle the broadcasting load when the maximum useable frequency is below the 6 MHz IB band.

Second, from the viewpoint of American listeners, the diversity of available program material is being threatened by increased activity on the part of a relative handful of broadcasters. Certain of these stations operate the same unjammed programming to the same ITU target zone on 30 or more shortwave channels simultaneously (per BBC Monitoring Service).

The following may provide a framework for a solution:

1. Power limits for all unjammed services, e.g. no more than 350 kW per transmitter, with a "grandfather clause" to cover existing transmitters of greater power.
2. Limit of one channel per broadcaster per band carrying simultaneous unjammed programming to the same ITU target zone.
3. Creation of special band segments, e.g. of 100 kHz each, within each IB band for the exclusive use of Tropical countries, plus non-tropical nations with populations under, say, 50 million.

This should adequately meet the needs of American listeners and broadcasters, while satisfying requirements of those nations whose support the U.S. may seek at Geneva.

In closing, I would like to commend the Commission and the IBSG Members for accomplishing a great deal despite a procedural arrangement that has not necessarily been in the best interests of the American listening public. Especially noteworthy has been the cooperative effort to eliminate sharing between IB and Amateur in the 4 and 7 MHz bands. At this late hour it would be pointless to propose fundamental procedural changes in the WARC process, but I would be grateful if you, as chairman of the United States Delegation, would consider the points enumerated in this memorandum.

Respectfully,
(Signed) L. Magne

Smart Receiver

THE INTELLIGENT RECEIVER-RO-153 by PHILIPS

by Steven P. d'Adolf, North Andover, MA

For those of you who were heard to express an "oh" and an "ah" at Gilfer's presentation and description of the NRD-505 receiver by the Japan Radio Company, here is a receiver with even more exotic features. The receiver is the new Philips RO-153 which was designed with a microprocessor as part of the receiver. It is one of the very first LF/MF/HF general-purpose receivers to exploit microprocessor techniques, not only as an electronic memory for storing a number of channels for instant recall, but also to dedicate a central processing unit as an aid to tuning and control. This makes possible, for example, such features as a continuously variable tuning rate - the microprocessor "senses" the rate at which the tuning knob is being turned and adapts the synthesizer increments accordingly. With such a facility it then becomes logical to provide synthesizer increments as low as 1 Hz. The microprocessor similarly provides the facility of automatic searching at selected rates between the limits of any two programmed frequencies, with the ability to stop searching when a desired signal is received. Automatic search is available in nine rates from 10 Hz to 6 kHz per second.

Ten different frequencies can be stored in the random access memory (RAM) devices. These frequencies can be changed at any time by means of the panel-mounted key-pad buttons. By means of a small accumulator, the information is retained in non-volatile form for up to six months in the absence of normal power. New frequencies can be tapped into the memory while still listening to the frequency previously chosen. To avoid accidental erasure of data, a special erase button must be activated simultaneously in the manner of audio tape recorders.

Rather wryfully the designers point out that the "tuning knob" is strictly unnecessary since the full range of tuning operations can be carried out by means of the keypad buttons, including variable speed searching. Nevertheless, they feel that the time has not come yet to break with traditional practice, and so the knob is fitted and coupled to the microprocessor.

The unit is of modular construction and many of the plug in modules can be checked individually with external test equipment. A wide range of crystal selectivity filters

are readily available and up to five can be fitted to meet the user's requirements.

With the rapid rise in the use of microprocessors for home and business use, it should not have been unexpected to see their use in general coverage receivers. By themselves sophisticated receivers and special purpose microprocessors are not new. What is new and significant is the marriage of the two using digital techniques but within the framework of the analog circuitry still needed for the signal path.

(Parts of the above article are from a review of the receiver in Telecommunications magazine written by Pat Hawker.)

***** Friends via SW

DX FRIENDS VIA RADIO PRAGUE

by Ed Ricchezza, Philadelphia PA

This experience happened in the fall of 1970 - a few months after I started DXing. I was listening to the DX program from Radio Prague and Peter Skála, their propagation engineer was answering technical questions. My ears perked up when I heard " . . . from Philadelphia, Pennsylvania." I was immediately intrigued because the questioner had antenna problems similar to mine. He lived in a center city hi-rise made of concrete and steel. So did I. Unfortunately for me I hadn't gotten his name; but fortunately there was a repeat broadcast at 0300. This time I was ready and had my tape recorder to back me up. Reception was not so good, though, and I had trouble catching the name, sounding something like "Magnam."

I checked the telephone directory and came up with a name that might be it. When a wavering, feminine voice answered, I figured I was off base. When that voice threatened to call the police if I bothered her again "with this DX nonsense" I knew for sure and did the only polite thing: I promptly hung up. Next in the directory was a "Magne, L. E." (or Lawrence E., I forget which). Ah! Jackpot! Because even though I wasn't quite sure of the surname, I did catch the initials quite clearly (why I didn't think of that at my first phone book survey, I don't know). And - here is the bombshell - the address was "The Savoy" a hi-rise partly diagonal across Rittenhouse Square from my building; in fact, I can see the Savoy from my 12th floor window.

I made the phone call and sure enough it was our good friend Larry. (He told me later that he thought I was some insurance salesman). He paid me a visit bringing with him his Joystick and Joymatch and we had a regular session. In fact it was the first of very many which followed weekly.

While Larry had not yet made the DX Scene, he already was an expert. Since I was a beginner (I didn't even know the difference between 4VEH and a ceramic insulator) you can bet I learned plenty. I can safely say that more than 75% of my SW knowledge came from Larry. In addition to the many different facets of DX he taught me the fine points of soldering, how to use a 100 KHz callibrator without the benefit of a BFO, how to connect my wireless mike to the audio of my SW-4A, etc.

I wrote about this experience to Radio Prague and Jana Pavlikova read it over a subsequent DX program. I had taped this and it was listening to this tape recently that prompted me to write this article.

Larry has moved away from the neighborhood and for several years now I have been on my own. It was a happy experience and I will conclude this with the same thought I expressed in my letter to Radio Prague: "Isn't it amazing that through Radio Prague, about 4000 miles away, I became acquainted with another DXer a scant few minutes walk away."

***** This 'n That

WCSC BROADCAST MUSEUM

by Steven P. d'Adolf, North Andover MA

While I only DX on the shortwave bands, I have a very strong interest in all aspects of the communications field. I happened to be in the city of Charleston, South Carolina and ran across the WCSC Broadcast Museum and was able to learn more about the development of broadcasting.

The site of the Museum was once pastureland bordering a canal (now Calhoun Street) and was laid out as the Mazyck Borough suburb in the year 1786. The museum is run by WCSC-AM (1390), WXTC-FM (96.9) and WCSC-TV (5). It is located at 80 Alexander Street in a house built over 175 years ago. The house lost its third story in the earthquake of 1886.

Inside the museum are antique radios and TV's, mikes, earphones, photos, and other memorabilia from the beginnings of broadcasting. From an educational point of view, electromagnetic waves are illustrated as well as laser and AM and FM broadcast techniques. You can see how holography works, see demonstrations of electron action and see the principles of television explained. If you want to reminisce of pre-TV days, you can listen to recordings of the early days of radio.

It is not worth a large detour, but if you happen to be in the area, I recomend a stop for the whole family.

EQUADORIAN FOOTBALL TEAMS by Steven P. d'Adolf, North Andover MA

Since I have a very limited knowledge of Spanish, I am always on the lookout for anything that will help me identify what I am hearing. A common practice on many South American stations is the reading of the "futbol" scores. I have found the following information that I obtained from the Ecuadorian newspaper EL UNIVERSO, very helpful

POSICIONES EN EL FUTBOL

GRUPO "A"

Nacional
Tecnico U.
D. Cuenca
Emelec
L.D.U. (P)
D. Quito
L.D.U. (Q)
Barcelona
U. Catolica
Manta

GRUPO "B"

Amrica
Bonita Banana
U.D. Valdez
Everest
Aucas
L.D.U. (C)
D. Quefedo
Audaz Oct.
Luq-San
9 De Octubre
Olmedo
Milagro S.

Games are played in: Guayaquil, Quito, Milagro, Portoviejo, Cuenca, Ambato, and Machala. The actual positions of the teams in the league is not very important, unless you are a futbol fan, but the names and the locations of the games might be helpful.

Looking for used equipment? HAM TRADER, lists ham radio equipment for sale by indi- Published by A. L. Brand, P. O. Box 311, Sycamore, IL 60178. Subscriptions are \$2.00 for 7 issues, issued twice monthly. Ad rates for personal ads is 30¢ per word.

Want to find out what the propagation conditions will be before they happen? Try MAIL-A-PROP, published by George Jacobs, P. O. Box 1714, Silver Spring, MD, 20902. Put out twice monthly. A trial subscription is available, 5 issues for \$6.00. Annual subscription of 26 issues is \$25.00, send a legal-sized SASE for free sample.

Tom Overcamp reports that a catalog of radio manuals for ham/SWL receivers built in the period 1935 to 1970. Manuals range from \$2-10 for machine copies. For catalog send 25¢ to HI, Inc., P. O. Box 864, Council Bluffs, Iowa, 51501.

Steve d'Adolf reports that CPT Corporation of Hopkins, MN, has come out with a modified IBM selectric that prints from right to left for use in Arabic speaking countries. And all this time you thought your reports to Yemen were being ignored for lack of interest by the station personnel. Not true, your typewriter was typing your Arabic in the wrong direction, hi! This new typewriter will certainly correct this fault and is therefore a "must" for the DXer who takes his reception report writing seriously.

We have received an information sheet from McKay Dymek announcing their new DR-55 general coverage communications receiver. It is fully synthesized and is available for about \$800.00. In the earlier discussion of the Philips microprocessor receiver, the Dymek has thrown away the tuning knob, and one step beyond the current bunch of receivers, the digital display too. The frequency is simply set by rotary switches. There are four switches, the first three are for MHz and 100 KHz. The last knob tunes 00-99 KHz. It has a complete range of modes, noise limiter, AGC, S meter, a preselector, and ceramic filters. Collins Mechanicals are available as an option for SSB, CW, and RTTY. This is a rack mounted monitors receiver, but may be of interest to DXers too. For more information, write McKay Dymek, P. O. Box 2100, Pomona, CA 91766.

DXpedition

NORTH TO ALASKA

by Herman M. Speece, Jr., Union Grove, NC

"You guys will never make it." These words echoed back from across the miles as we rolled across Indiana. That had been the prevalent view of our peers in North Carolina as we had prepared for a cross-country trip whose eventual destination was Anchorage, Alaska. However, this had only made us that much more determined to make the journey!

I am not a DXer of distinguished repute as are many of NASWA's members. Nor do I pursue the hobby as diligently as I should sometimes. But I was determined to take advantage of this opportunity to try my hand at DXing from the various locations, types of terrain, and physical conditions on this long route. (I have been known to tweak a mean knob at times!) My equipment consists of a Collins R-392, Panasonic RF-2200, and a Realistic DX-150B. I chose for this trip the RF-2200, due to its portability, frequency readout, and overall performance. I constructed a wooden box of such dimensions so as to use the original styrofoam packing blocks around the receiver and of sufficient size to accommodate a spare set of batteries, log book, FRENDX, and WRTH. I also carried a set of headphones, an absolute must at times. All my DXing was done with the receiver's whip antenna only.

We camped along the way in a tent, sometimes retreating to the Toyota truck's small camper for the night when severe weather forced the issue.

Without going into excessive detail, I would like to put forth a few of my observations about DXing of this type. First, one must travel fairly light; that is, the DXer must do without some of the more elaborate trappings he may be use to in his permanent DX shack. However, he must not abbreviate his equipment to the point of leaving behind basic necessities of the hobby. The traveling DXer must also be careful not to infringe on the rights of those around him while enjoying the hobby himself and should be ready to respond good-naturely to the questions of the curious and uninformed around him such as "Why do you listen to that when there is F. M.?" (This question was not asked of me while on the Al-Can Highway, where sometimes even the SW bands were sparsely populated with stations!) The traveling DXer must also be ready to improvise when necessary; like, what do you do when one of those large Alaskan mosquitoes keeps turning off your RF-2200 when he lands on the power switch? (as long as he was interested in the radio, I didn't worry!) Seriously, you must be prepared for unexpected equipment failures and should also carry a few hand tools and spare batteries, etc. in case you might need them. You should be fairly familiar with your receiver and should check it out before leaving. It would be quite exasperating to have a DXpedition ruined by a minor maintenance detail being overlooked.

Handy references should be another item not forgotten. As I mentioned before, the WRTH and recent issues of FRENDX are very helpful on a trip like this.

The traveling DXer should also try to locate a quiet campground each night if possible. From our experiences, federal, state and provincial campgrounds usually proved to be best suited for this purpose and were generally cheaper in the balance too.

I found that this trip changed my outlook toward radio considerably. Here in the United States we pretty much take for granted radio and television--mainly as entertainment. The further west we got in our travels and especially into Canada's Yukon the more it began to dawn on us that radio here was much more than just entertainment. Here in these vast areas, most of which are almost totally uninhabited, shortwave radio is the only means of speedy communication of news and other vital information, as well as entertainment. There are very few places left in North America where a person cannot sit down with a modern radio receiver, turn it on, and not be able to pick up at least one A.M. station. Such is the case in parts of the Yukon and British Columbia. When this happened to me in Canada, it began to occur to me just how far out in the "boonies" I really was! This is truly

short wave territory. I switched the receiver over to SW and after some searching felt a little rush of pride and relief to hear the first strains of "Yankee Doodle", followed by sign-on of the VOA in English. Some of you probably think I'm a little sentimental by saying that but let me tell you little things like this mean alot when you're 5,000 miles from home!

One of the big things I noticed on this journey was the quietness of reception. I am usually plagued by power line noise at my permanent set-up in North Carolina, so I welcomed this change in reception quality. With the lengthening period of daylight as we went further north, I tended to favor the higher SW frequencies in my listening. As I expected, most stations I logged were in the Pacific or Asia; however, some Europeans were logged along with a very few South and Central Americans.

A trip like this will give you a new outlook on some things, but others never change. I recommend DXpeditions no matter how long or short or to wherever. This one did much to enhance my appreciation for a hobby already held in personal high esteem.

Monitoring?

MONITORING vs DXING - REVISITED

by Bill Whitacre, Lansing MI

Recently in these pages there appeared an article by me entitled "Racal: the Ultimate or just another old receiver?" It was written in the interest of finally seeing a review of this long acclaimed receiver in FRENDX. In the October issue of SWC, Alan Thompson of England pointed out some "glaring inaccuracies" which he later called "not of great importance." In my opinion the corrections of my article were themselves in error. I would like to point some of these out and in addition add some other information on this matter.

Firstly, Mr. Thompson points out the difference between the RA-17, 117, and all their variations. I was indeed mistaken in reporting that the 117 designation on the Racal meant it was of U.S. manufacture, but equally as wrong was Mr. Thompson when he gives us the designation RA-???-CX as being the U.S. made receivers. In conversations with at least two Racal engineers and one man selling these receivers here in the U.S., I now find that the designation for the U.S. made receivers is RA-6117, which is what my receiver is.

Mr. Thompson then goes on to tell us the difference between DXing and professional monitoring. The Racal RA-17 series, like the R-390/388 series was made before the new style "user ease" receivers were put out, like the 51S-1, 651S-1, and other upper-price bracket receivers. These receivers, the later ones, have done away with many of the features which make the R-390A and RA-17 series so popular as truly fine, general coverage DX machines. These features include independent mode and selectivity selection, noise limiting, variable AVC time constants, and others. These receivers were, fortunately for the DXer, over-designed for the jobs they are usually relegated to today - monitoring! About the only thing these receivers lack is some type of notch or rejection circuitry, most often found in receivers today that are truly designed for DXing. In short, who cares what a receiver was designed to do, if it does well what you want it to do!

Finally Mr. Thompson finds my comparison between the RA-6117, R-4B, and R-390A "quite valueless!" From all the responses I received from my previous article, almost all of them commented that they particularly liked the comparison I did between the receivers! Indeed, what better way is there to compare three receivers so very well qualified to be "best receivers for DXing?" I think the comparison made was quite objective and is based on years of experience with many different receivers. I stand by every one of the rankings I gave the different receivers.

It should be noted that I'm not along in my fondness for the RA-17 series of receivers. Gerry Dexter and Don Jensen both use RA-17s exclusively for DXing and, although you don't see their names very often in these pages anymore, believe me, they are both alive and well and DXing the heck out of the Latins and Indonesians! I should note that I made it clear in my article that my favorite receiver is the R-4B, an improvised shortwave machine, made for ham bands use! Just goes to show that you can't judge a receiver by what it was designed for. I thank Jerry for this space and welcome any comments on this subject to 2609 Devonshire, Lansing, MI 48910, anytime.

Page 10 has run over, so I will use this space to sign-off by saying thanks to our contributors for this month. Keep the material coming. 73 to all, Jerry

FRG-7

FRG-7 NOTES

by Richard M. Utter, Rochester, NY

As an FRG-7 owner, I've discovered a few stray facts which may prove useful to others who rely upon the Yaesu receiver. But before I continue, a work of WARNING! Letters from clumsy wouldbe technicians saying that their radios caught fire after making one of my modifications will be received with little sympathy. Every change has been tested in at least one FRG-7, in some cases two or three - with satisfactory results. Review your abilities before attacking your FRG-7 with a soldering iron; be sure that you can make the changes properly. It should also be pointed out that receiver alteration voids the manufacturer's warranty; some of the mods will also hinder or prevent portable operation.

To put it bluntly, the FRG-7 ANL circuit doesn't work. It takes a discerning ear to tell whether the ANL is on, let alone catch it limiting some noise. ANL action can be improved immensely by using a 0.039 microfarad value for C433. This change has a minimal effect on audio quality. Use a high quality polyester capacitor in this application, rather than a wide tolerance ceramic cap.

If your FRG-7 is addicted to AC outlets and you're uninterested in portable operation, then the External DC jack can be easily converted to serve as a power source. Just disconnect the wire attached to the center terminal of this jack and replace it with another; the other end of this new wire is connected to the output end of the power supply filter choke. A reasonably smooth 16-17 VDC is available by utilizing this connection; the current drain of anything hooked to the jack should be kept to less than 200 mA. In my case, I added another jack in parallel to the one Yaesu provides. The two jacks furnish power to a digital dial and a preselector.

Over a period of several months, my father's FRG-7 developed severe backlash in the main tuning mechanism. This was especially evident after he hooked up his digital dial. He finally traced the cause of the backlash to the standard 'lubricant' which Yaesu uses on the reduction gears. This material actually hardens as time passes, until the gears begin to bind. The solution is to remove the offending substance and relubricate with a high quality grease such as Lubriplate. If your FRG-7's dial has more than 300 or 400 Hz of backlash, then it's time to do this.

My FRG-7, as received, was plagued with microphonics; the slightest tap on the cabinet was cause for several seconds of loud resonances. A hasty check of the radio's innards revealed two possible causes, a loose cover on the crystal oscillator box and a missing screw in the main tuning capacitor enclosure. Some creative metal forming and an additional screw cured the microphonics. I should also mention that excessively high volume levels will also cause microphonics. Only reducing the volume will eliminate these.

For some reason, radio manufactures have decided that a mere 'shortwave receiver doesn't require a standby switch, an option I'm unwilling to do without. Fortunately, the FRG-7 allows the implementation of a standby switch at minimum cost. As you peer into the bottom of the receiver chassis, you'll notice that the dial lamp switch has an extra set of three uncommitted terminals. We're interested in the two lower ones (again, assuming the radio is bottom up). Solder a wire to each of the two terminals, the other end of either wire is connected to the solder lug of the mute connector, the remaining wire goes to any convenient ground. Once these connections are made, the FRG-7 can be placed in standby mode by turning the dial lamp switch off, while leaving the main power switch on. Since the power is on at all times, any possible warmup drift is eliminated.

Attempts to use a high quality (non-AIC) tape deck with the FRG-7 are doomed to failure, due to the record output's high impedance. The root of the problem is R8, a 22 kohm resistor in series with the record jack. If you short out this resistor, you'll not only make better tapes, but - by plugging your deck's output into the record jack - be able to play them back through the receiver's audio system as well. R8 is concealed within a length of plastic tubing running between the volume control and the record jack.

Here are some other things to think about in connection with this modification -

1. Even with R8 shorted out, the FRG-7 may still not be able to provide enough drive for some tape decks. A simple one transistor preamplifier will be necessary in these cases. I'll trade your SASE for my preamp schematic.

2. If you wish to play back tapes through the FRG-7, the installation of the standby option is recommended. Otherwise, you'll have to tune the preselector and unlock the MHz oscillator to insure that received signals don't compete with the playback. With the standby option, you simply turn the lamp switch to 'off' and play back the tape.

3. The intelligent FRG-7 owner will install an additional jack in parallel with the existing record jack, but on the rear panel, where such things belong.

It is hoped that every FRG-7 owner found something of interest in this article. Your questions, suggestions, and comments are quite welcome. My address is 121 Glenora Gardens, Rochester, NY 14615. The inclusion of a large SASE with your note assures a punctual and ungrumpy reply. Good luck and good listening!

Listeners NOTEBOOK

GLENN HAUSER

University Radio WUOT NOV.
Knoxville, TN 37916 1978



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ENGLISH SCHEDULES NOTE: If you would like a quick-reference list of English broadcasts audible in North America, arranged by country and time, for the November-February season, order a copy of the November REVIEW OF INTERNATIONAL BROADCASTING, @ 75c in US stamps or \$1 Canadian, from gh, address above, with a view to subscribing @ US\$9.00 per year. For a similar listing arranged by time, see the December POPULAR ELECTRONICS, on sale at newstands everywhere.

U S S R As noted elsewhere in LN, Radio Moscow now has a "World Service" in English, much of it beamed to or audible in NAM, in addition to Nam service. We are still awaiting definitive frequency schedules of this new service (gh) WS to expand, fqs to change 25/10 (BBC MS)

U S A AFRTS unexpectedly dropped 6155 in early October, clearing the frequency for Austria in the evenings, Haiti in the mornings; but for D78, WYFR is scheduled to use 6155 again, but only at 0300-0500, being on 5985 at 0100-0300, both from Scituate (via Pete Grenier, CA)

As you may have noticed, R. Moscow has been clobbering the BBC WS on 11750. For D78, BBC moves its relay via Greenville from 9510 to 11750, at 0030-0330. That'll show 'em! (gh)

U K O G B A N I BBC WS D78 to Nam, UK sites: 15215 1100-1330. 11910 2200-2430. 11750 2000-2430. 9510 2000-0330. 7325 2245-0330. 5975 2200-0430. To ANZ & Pac crossing N/Cam: 9640 & 7150 0545-0915. 5975 0545-0730. 11955 0700-0915. The supposedly never intended for Nam, 9410 is often superior to other frequencies, on the air 0900-0730 (gh)

TURKEY VOT makes its quarterly programming and frequency changes at the beginning of Oct, Jan, Apr, Jul instead of per ITU "seasons". (gh) 2130-2300 now on 11955, 9515, 7170, 6185 (Tony Buhagiar, Ont., 4/10) Providing improved freq diversity (gh) 1200-1300 on 15135 ex-15145 (BBC MS 12/10)

SWEDEN (Cf Oct LN-3) If you want to try for the 1230-1300 R. Sweden BC, 21690 180° to Af, and 11935 55° EAs. If 21505 is QRM'd at 1400-1430, try 21700 90° SAs. The 2100-2130 sometimes comes in during winter as well as or better than evenings to Nam; 11845 180° Af, 9605 145° ME (gh)

SRI LANKA SLBC announces its 1845-1945 is a test to Af/ME on 11870 9720; Eaf 17850 15115. The last is actually 15120; daily except Weds. Reports and advertising solicited. Xmsn apparently no longer beamed to Eur: formerly had nx and now only music and IDs (BBCMS 12/10)

SPAIN REE D78 to C&Wcu 2030-2230 11840 9505 7155; optional alternatives: 7275 6100 6045. To Nam now daily including Mons GMT: 0000-0200 11880 9630. 0515-0615 9630 and 6065 or 6120 (Spanish Foreign Radio, via Mac Leonhardt)

PORTUGAL AWR via Sines now on 9665 ex-9670 Suns 0900-1000 (David Sapsford, UK, RA DX 15/10)

PHILIPPINES FEBC: 2300-2400 15450. 2300-0100 11890 or 11895. 2300-0500 21515. 0000-0500 17810. 0800-1000 11765. 1245-1530 15440 (FEBC via BBCMS 9/78) Maybe changes now (gh)

PAKISTAN R. Pakistan has added an EG nxcst in formerly all-Urdu WS to UK, since 16/10 at 1005 on 21625 17665 (BBC WRC 18/10)

OMAN BBC Masirah D78: 17770 0900-1330. 15310 0700-0815, 0900-1515. 11955 0230-0330. 11780 0700-0815. 9590 0300-0330. 7250 1700-2030. 6195 0030-0330 (Nov London Calling)

NEW ZEALAND RNZ D78 sked, actually begun 28/10 1700 when NZ began DST; effective to 1215 3/3: Xmtr I: 1700-2005 11960. 2015-0415 17860 or 17770. 0425-0715 11945. 0730-1115 6105. Xmtr II: 1700-0145 15345. 0200-0530 15280. 0540-1115 6105. Time of 0145/0200 freq change may vary when broadcasting sport. EG except Maori and Polynesian langs: Mon-Fri 0455, Sun 0430, Mon-Fri 0600-0630 (RNZ)

NETHERLANDS RN D78: no freq changes for EG from any site shown compared to S78 (gh)

MALTA "Malta Calling" Sats 2045-2115 on 6010 ex-5980 (BBCMS 12/10)

LEBANON New R. Lebanon sked: Af 15180 ex-17765 1830-1900. Nam 11925 ex-11960 0230-0300 (Khajag Latchinian, Lebanon, SCDX 3/10)

KOREA SOUTH Like Turkey, R. Korea made quarterly changes 2/10. The new BC at 2000-2030 replaces 0230 (gh) Nam: 0630 9640. 1600 9640 & 9720 (altho sounded like 9740). 1800 9720, 2000 11860. Lam: 2000 11860. 1000 9580. Eur: 0530 ex-0630 9870. 1330 9870 & 11965. 2000 7550. 2300 7550 & 9640. ME (new) 1600 7550. General Svc: 0830 9525. 1130 7275. 1600 7275 (via Wilder Pickard II, IL)

KOREA NORTH R. P'yongyang: 0600-0950 11533 9420. 1100-1250 11533 9977 3560. 1300-1850 11885 9977 3560. 2000-2150 9420 6575 3840. 2300-2450 11533 9977 3560. Longer blocks are made up of 110-min BCs & 10-min pause. 1100 & 2300 to the Americas (BBC MS 9/78) **JAPAN** LN-13
ISRAEL IBA final D78; best to NAM underlined; AsPac*: 0500-0515 9833 11638 11655 15415 17685 17795 17815 21495*. 1200-1230 11655 15405 15530* 17685 17795 21495 21565 25605. 2000-2030 9009* 9425 9630 9815 11655 11960 17685. 2230-2300 7412.5 9435 9630 9815 11655 11960 (9435 also for SE USA/Carib/CAM/NSAm (Larry Magne, PA, 8/10)

FRANCE France-Inter has short EG nx around 1409, noted in Aug so maybe 1 hr later now. About 2 mins of headlines, traffic report, wx, emergency messages for tourists. Referred to another "Newsflash" at 0915 (local). Hrd on SW relay fqs, 15440 etc (SWNS 2/10) Checked 21/10 from 1504 to 1515 but no EG. "Coopération Radiophonique" 1515-1545 has a little (gh)

FINLAND R. Finland D78; NAM underlined; daily: 0930-1000 11755 15270 21495. 1300-1330 11755 15210 15265. 1430-1500 6120 11755 15210 15265. 1930-2000 6120 9585 11755. 2130-2200 9585 11910. 2330-2400 9565 11800. Sun only: 0800-0930 11755 21495. 1330-1430 11755 6120 15210 15265 (R. Finland) already on 9565 ex-9755 at 2330 by 7/10 (Richard E. Wood, NH) Our recommendations are having some effect; no more half the year at 0300 instead of 2330; 15105 finally abandoned to the QRM. Soon off RCI's 9755. But 17 or 21 MHz would be better at 1300-1500 (gh)

ECUADOR HCJB changes as of 26/9: Eu 1900-2030 17770 ex-17760; 0700-0830 9585 ex-9730 (HCJB 30/9 amnt)

CYPRUS BBC EMR D78: 21660 0900-1615. 17885 0600-0730. 15420 0400-0730, 0900-1745. 15380 0200-0330. 11955 0200-0230. 11760 0600-1330 (0815-0900 break some days). 11750 0400-0545. 9750 0600-0730. 7260 0400-0430. 7210 0300-0330. 7140 0000-0330. 6180 0400-0730, 1700-2315

CANADA BBC via Sackville D78: 17840 1600-1745 (Sat/Sun 1500-). 11775 1600-1709 (Sat/Sun 1500-1745). 9590 2200-2430. 6120 2300-0430. 5990 1100-1330 (BBC)

AUSTRIA ORF changes in Oct to continue D78: 1230-1300 Nam 21530 ex-17725 (a great improvement -gh). 0430-0500 WNA 5945 ex-6015 (het -gh), AuAs 17770 ex-17740. As of D78, 1830-1900 to SAF on 17770 ex-17745. See USA, LN-1 for the all-important WYFR affect on 6155 (gh)

AUSTRALIA RA final D78 sked shows no changes in Eu or NAM svcs (gh) Consistently noted on 11800 to Eur at 1800-2000, still not listed in printed sked (Richard E. Wood, NH, 7/10) Is in final D78 sked: Carnarvon 250 kW, 325° (gh)

ASCENSION BBC WS D78 to Whem: 15260 2000-0330; 9580 2300-0330 (not 17260 as in Nov London Calling -gh); to Saf, also good off the back in NAM: 17885 0730-1745. 15400 0600-0730, 1430-2030. 11860 0500-0730. 11820 1800-2030. 6005 0400-0545, 2000-2245 (BBC)

ANTIGUA No changes planned for D78 BBC WS frequency usage (gh) **ALGERIA** LN-13

ALBANIA R. Tirana to NAM 0000-0030 9750 7065. 0130-0200 & 0230-0300 9750 7120. 0330-0400 7300 6200 1457 (BBCMS 9/78) Yes, they say mediumwave 1457 is to NAM at this hour! (gh)

OTHER SCHEDULES **YEMEN NORTH** Sana'a on 49m has returned to 6050 ex-6135 at 0300-0700 & 1100-2105, exc Fri continuously 0300-2105 (BBC MS 5/10) To put the record straight, Sana'a is back on 4853 for good after its brief operation on 4976 a few months back (Victor Goonetilleke, Sri Lanka, July/August UADX)

VIETNAM New station: **Radio Hoang Lien Son**, observed since late Sept on 5601 at *1130-1200* and *1400-1430*, first heard 23/9. All programming are talk and music in Vietnamese. My 11th Vietnamese local station (Isao Ugusa, Far Eastern DX Review) R. Thanh Hoa obs resumed at *1030-1100* and *1400-1430* on 4881. R. Cao Lang discontinued Chinese on 6256 and closes at 1400* (Ugusa, FEDXR) **USSR** LN-13

TURKEY VO: on 15135 ex-15145 at 0357-1200 & 1500-1700 for ES in Turkish; 1200-1500 in EG, UK, FS, AR (BBCMS 12/10)

SWEDEN R. Sweden D78 SSB xmsns on 5A3J of Swedish Program I: 0500-0830 21550 80° SAs/Au. 0930-1200 21555 110° ME/SAs. 1200-1600 21555 170° ME/Af. 1600-1800 21555 170° Af. 1800-2000 15190 250° Afr/Lam. 2000-2130 11950 Afr/Lam 250°, from Varberg site (STA)

SPAIN REE D78 to Nam in SP: 2245-2355 11880 11815 11775 9630 9360. 0000-0200 11775 9360. 0200-0400 11775 9630 9360 6065-or-6120. 0400-0515 same. Also, to NW Atlantic maritime area: 2145-2245 11880 11815 9630; 2245-2355 11880 11815 11775 9630 9360. Sun only to NAM 1400-2005 on 15185 11815 (REE via Mac Leonhardt, IN)

SAUDI ARABIA Holy Qur'an Stn obs on OOB 11685 ex-11820 1800-2100 (BBC WRC 18/10) 1200-1255 Turkish ES from Jiddah now on 15110, including news 1230-1240 (BBCMS 28/9) more, LN-13

QATAR QBS monitored 16/8 on 9570 at 0430-0900, 1343 until 1700 Madrid QRM; not active after 1800 (Rikard Johansson, on board T/T Okeanos, at Das Island, via DSWCI Oct SW News)

PHILIPPINES "The Voice of Love" is part of FEBC: RS 1100-1130 9715, 1130-1230 9755. GM 1230-1245 9715. 1600-1700 RS & GM on 11850 (via Yoshiaki Hayashi, JADJ, via Oct ADXN)

PARAGUAY R. Charitas since 1/10 move to DST has Japanese on 6110 at 1000-1100, ex-1100-1200 when on GMT -4 (Tony Jones, Paraguay)

MOROCCO Rabat DS in AR on 15335 ex-15155 at 1000-2200 (BBC WRC 18/10)

9/78)

MALTA Libya ES in AR to Eu & Naf via Cyclops: 0700-0800 7135 5960; 1800-2000 5960 (BBCMS)

LIBYA ROTSPLAJ Tripoli DS in AR 1100-1615 apx on 9660 ex-9650; in addition to 15100 11700 9500. ES "Voice of the Arab Homeland" on same freqs from 1700 (BBCMS 28/9)

LAOS Luang Prabang regional DS obs on 7000 ex-4703 the only 4770 and 580 kHz anc'd, both unheard. 2300-0200, 0400-0500, 0930-1430 (BBCMS 28/9)

KOREA NORTH R. Pyongyang ES in KR to SK & Japan now ops 2000-1947, ex-2000-1800. Pgms for Japan are at 1030-1100, 2130-2200. Fq sked: 6401 & 3320 2000-1800. 6251 2000-0930, 1500-1800. 3015 2000-0100, 0300-0900, 1500-1947 + MW (BBCMS 12/10) Other R. Pyongyang non-EG ES: 0400-0550 FR Eu 11533 9420. 0400-0550 JP Japan 11780 6770 3840. 0400-0600 AR NGME&AF 11885 9977 3560. 0600-0800 FR same. 0600-0800 Std Ch to China 11780 6770 3840. 0800-0850 KR same as AR above. 0800-0950 FR SEAs same as Ch above. 0900-1050 RS FE 11885 9977 3560. 0900-1455 JP Japan 6540 3015. 1000-1050 KR SEAs 11780 3840. 1000-1200 SP LAm 9420 6770. 1030-1100 KR Japan 6400 3320. 1100-1300 Std Ch China 11780 3840. 1100-1800 KR SK 6400 3320. 1200-1400 SP LAm 9420 6770. 1300-1450 FR SEAs 11780 3840. 1400-1450 KR LAm 9420 6770. 1500-1650 RS Eu 9420 6575 3840. 1500-1700 AR NGME&AF 11533 6338. 1700-1850 FR Eu 9420 6575 3840. 1700-1900 AR NGME&AF 11533 6338. 1900-1950 KR Eu&NGME&AF 11885 9977 9420 6575 3560. 1900-2100 FR NGME&AF 11533 6338. 2000-2130 KR SK 6400 6250 3320. 2000-2150 JP Japan 9977 7203 3560. 2100-2150 KR Eu 11533 6338. 2130-2200 KR Japan 6400 6250 3320. 2200-2250 KR SEAs & LAm 11780 11533 9977 9420 6770 3560. 2200-1030 KR SK 6400 3320. 2200-0930 KR SK 6250 2300-0100 SP LAm 11780 9420. 2300-0100 Std Ch China 6770 3840 (BBC MS 9/78)

ISRAEL IBA Hebrew HS relay 0400(Sat 0500)-2310 on (Fq useage depends on hour) 9445 9815 11638 12077.5 15545 17630; also at 2300-2310 on 2230 EG fqs. Easy Hebrew mainly for Upan students, 0455-0500 on 11638 11655 15415. Ladino=Judeo-Español 0435-0440 and SP 0445-0455 on 9435 11638 11655 11845 15145 17795 17815 (11638 may not be used for Ladino only). Mogh-rabi=Judeo-Arabic at 0440-0445 on same fqs; best in NAM underlined (Larry Magne, PA, 8/10)

ETHIOPIA VORE sked, if I interpret it correctly: Natl Svc on 7110 and/or 5990 Mon-Sat 0330-0600, 0900-1200(Sat -1300), 1430-2000. Extl Svc on 7165 and/or 9610 daily 1200-1800 incl. EG 1500-1600. ES actually on 9615, hrd several times since 9/9, fair to good from 1300, and 16/10 mostly readable until about 1530, half an hour into EG (Wendel Craighead, KS)

EGYPT Cairo DS in AR on 12050 ex-12005 from 0700 all day (BBC WRC 18/10)

ECUADOR Info obs on a visit to Ecuador: R. La Voz de la Frontera, nom 3310, on about 3200 due to crystal drift, non-commercial, *0000-0300*. La Voz de Aگویán, Baños, now named La Voz del Santuario, on the air local morns & eves but silent Mondays, on 3300. Escuelas RadioFónicas Populares, 3985 sked *1000-1400*, *1700-0300*. La Voz de Saquisilil, 4900, 2300* due to nighttime power supply problems. R. Nac. Espejo en El Puyo has nothing to do with the RNE stn in Quito; 5040 at *2000-0400*. R. Jesús del Gran Poder 5050 is on the air only one hour a week, Fri at 2400 (sic, whatever that means -gh) to relay Emisora Gran Colombia. R. Pastaza, El Puyo, 3315 *1145-1800*, *2330-0400* (Jean-Jaques Bloch, France, DSWCI SWI)

BRAZIL Obs skeds: 3225 Lins R. Clube 0730-0400. 3245 R. CI. Varginha *0900 ex-*0930. 3245 R. Aruana, Barra Garça 0800-0300. 3295 R. Iguatemi, Osasco SP, 0800-0300 (Tony Jones, 2/10)

BOLIVIA Here is an advance look at the listing Tony Jones has compiled for the 1979 World Radio-TV Handbook, correct to 1/10; another magnificent research job, Tony; thanks! (gh)

3260 CP185 R. Paitití (Guayaramerín) 1130-? and ?-0400 (split schedule); nominal 3255 (n)

3280 CP194 R. Chaco (Yacuiba) 0945-0300 (Sun 1115-2300v) (varies 2300/2330/2400)

3340 CP99 R. Viloco (Viloco, La Paz) 1000-? and ?-0300 (split schedule) /2200-0100

3350 CP103 R. 27 de Diciembre (Villa Montes) 2000/2100/2200-0200/0300 (nom. 2200-0200); Sun/

3370 CP114 R. San Miguel (Ríberalta) 1100-0200 (ex-3460v)

3380 CP167 R. Cumbre (Tazna, Rosario) 1000/1030/1190-? and 2100-0300/0400 (Sun 1200-? and 2200-0300) Note: both s/on and s/off times are seasonal

3390 CP175 R. Camargo (Camargo) 2230-0300 (occasionally -0330*)

3425 ---- R. Charcas (Monteagudo) 2230-0300 (Sun 2230-0200) Nom. s/on is 2300, but nearly always comes on at 2230. No morning broadcast. 1 kW

3480v ---- R. Padilla (Padilla) 2215-0245

4095 ---- R. Comarapa (Comarapa) 2230-0300 (ex-4135v) (3958n)

4467v CP142 R. Movima (Santa Ana de Yacuma) 2130-0300v (also morning but impossible to hear)

4640v ---- R. 23 de Marzo (Tupiza) 1130-? and 2200-0300 (occl 0200*) (Sun 1200-?; no p.m.)

4740 CP147 R. Mamoré (Guayaramerín) 1100-? and ?-0300 (Sun to 0100* apx, also split) 4750n

4755v CP62 R. Em. Bolivia (Oruro) 0900-0400 (Sun 0900-0300) 4760n

4762 CP136 R. Abaroa (Ríberalta) 1000/1030-0400 (Sun -0300) S/on is seasonal. 4760n

4775 CP84 R. Los Andes (Tarija) 1100-0400 (Sun 1100-0000/0100v)

- 4775 CP117 R. Riberalta (Riberalta) 1100-0400
 4785v CP152 R. Ballivián (San Borja) not known if still active; too much QRM. 4785n, not 4795
 4797v R. Nueva América (La Paz) 1030-?, ?-0400 (Suns -0200) 4795n
 4805 CP131 R. Frontera (Yacuiba) 1030-0300 (Sun 1100-1700v, tho MW continues later on 1280)
 4808 CP168 R. La Voz de la Frontera (Puerto Suárez) very irregular and has mod problems
 4823 R. Grigoté (Santa Cruz de la Sierra) 1000-0330 (Sun 1000-0200)
 4845 R. Fides (La Paz) inactive
 4853 CP66 R. Centenario (Santa Cruz de la Sierra) irregular but sked 1000-0400; 4855n
 4875 CP75 R. La Cruz del Sur (La Paz) 1000-1800 & 2200-0330 (Sat -0230) (Sun 1000-0200)
 4887 CP17 R. Sarazenda (Camiri) 1100-0400 (Sun 1200-0300) 4885n
 4915 R. Amorcé (Santa Cruz de la Sierra) 1000-0400 (Sun 1000-0100) currently inactive
 4938 R. Norte (Montero) 1000-0400 (Sun 1130-0300) Weekday s/on varies 0930/1000/1030 depending on the time of year. 4935n
 4965 CP90 R. Juan XXIII (San Ignacio de Velasco) 0930 (Sun 1030)-1700 & 1900-0130. 1 KW
 4980 CP162 R. Bacallón Topáter (Oruro) 0900 (Sun 1100)-0400
 4992 CP163 R. Ánimas (Chocaya, Ánimas) 1030-1800 & 2100-0400 (Sun 1130/1200-1800) 4990n
 5005 R. Cristal (La Paz) 1100-0400 (Sun 1100-0300)
 5012v R. Trópico (Trinidad) 1000-0400 (Sun -0100) Drifts 5011-5013; 5015n? ex-4775
 5020 CP109 R. Dos de Febrero (Rurrenabaque) 1130-? & ?-0230 (split schedule)
 5020 CP178 R. Cuarto Centenario (Tupiza) 1200(Sun 1200)-1800 & 2200-0230
 5012 ---- R. Roboré (Roboré) 1100-0300 (Sun 1100-1300) (fq as given and in order by Tony)
 5582 ---- R. San José (San José de Chiquitos) 1130-0345 (Sun 1130-1600) 5585n
 5660 unID, unlisted, in San Ramón, Beni, *2300-0200* ID in 3 syllables, no call or fq
 5955 R. Pio Doce (Siglo Veinte) 0900 (Sun 1000)-0400
 5965 R. Nacional (Huanabí) 0930-0400 (Sun 1100-0200)
 5975v R. Nacional (Cochabamba) active but impossible to ascertain schedule
 5995 R. Loyola (Sucre) irregular (nominally *1000)
 6005 CP58 R. Progreso (La Paz) 0825-0700
 6034 CP92 R. Panamericana (La Paz) 1030 (Sun 1100)-0130v; MW continues later. 6035n
 6069 R. El Cándor (Oruro) 1000-0500 (Sun 1000-0100) 6070n
 6082 ---- R. 21 de Diciembre (Catavi) 1000(Sun 1100)-1800 & 2100-0400 (Sun -0100) Evening reception impossible in 1978; irregular reception this fq, so 1977 sked; MW too
 6125v CP161 R. Stentor (La Paz) 1200-0400 currently on 6173
 6135v CP32 R. Santa Cruz (Santa Cruz de la Sierra) active but sked unknown
 6155 R. Fides (La Paz) 1030/1100 (seasonal) (Sun 1330)-?; evening reception impossible
 6185 R. Batallón Colorados (La Paz) 1100-1300, 1600-1800, 2300-0300 (Sun 1300-1630 + evening; tho not possible to establish full sked.) Very irregular
 6195 R. Cristal (La Paz) announced //5005, but not hrd
 6210 CP81 R. Luis de Fuentes (Tarija) 1100-2130, 2300-0200 (Sun 1100-1800v) more below
 6293v R. Nuevo --- (ex R. Tupiza) ?-1930 & 2130-0400. Drifts down as day progresses, usually settling somewhere between 6285 & 6289. Mod problems & makes own QRM!
 9607 R. Piraf (Santa Cruz de la Sierra) inactive 9605n
 9715 R. La Plata (Sucre) 1330-1800 (MW starts earlier); evening reception impossible (end of report from Tony Jones) 6293 is R. Nuevos Horizontes, Tupiza, 1100-0300. R. Luis de Fuentes sked is Mon-Fri 1100-2130, 2300-0200; Sat -0200v, Sun 1200-1900v (WRTH via SWN)
- BELGIUM RTBF French: Mon-Sat: 0500-0615 11850 9615. 0630-0800 17765 15210. 1030-1300 21460 15210. 1300-1330 on 21475 21460 17740 15210 M/W/F (T/T Dutch, both for missionaries; Sat DT & FR for seamen). 1530-1645 21460 5965. 1700-2130 17715 11735. Sundays: 0530-0645 11850 9615. 0700-1700 21460 15210. 1700-2100 17715 11735 (RTBF via BBC MS 10/78)
- AUSTRALIA R. Australia, Lyndhurst, 15240, special Antarctic xmsn in FR 0430 22/9 following EG at 0400 (Peter Bunn, Vic., ADXN) List 10 kW on 110° beam; this is Fris only. As far as I know this FR xmsn never appears in RA skeds; and the EG was only recently included (gh)
- ANGOLA RNA has Spanish at 2100-2130 Mon-Fri; 1515-1600 Sun on 9660 7245. Benguela now *0350 -2300 on 5042 6150 (Richard Ginbey, RSA, via R. RSA DX Corner 30/9) ALGERIA LN-13
- ANDORRA Swedish advertisers have bought time on R. Andorra for pgms in Swedish, mostly pop mx, experimentally on Thursdays 2100-2300 as from 21/9. Rather than 6230, R. Andorra considering using 6220 or 6215 for this (Roy Sandgren, Sweden, SCDX 26/9) Hrd testing on 6230 after 2100 relaying SP MW. Letter from stn says intends to begin spl pgms on SW in EG and Swedish 2100-2300 (Thomas Drescher, GFR, SCDX 26/9) Hrd on 6215 at 2141-2236 Thu 28/9 but in Dutch and French; low audio; sounded more like 10 than 25 kW (Pitt McNeil, DC, TDXN)
- ALBANIA R. Tirana has begun a Chinese svc, 1/9: 0500-0600 19 & 25m; 1100-1200 11935 15405; 1300-1400 11935 + 31m (Benjamin Wang, Spain, SCDX 19/9) Presumably to FE, 0500-0600 & 1100-1200 on 14330 and 11915+, 1300-1400 11915+; amounting to 21h per week. Unconfirmed report that it may have started at September begin (BBCMS 5/10) In Std Chinese to China at 0500-0600 & 1100-1200 on 14330 and 11920; 1300-1400 on 11915 and 9765. Times are announced in Peking time (BBCMS 12/10) 14330 hrd, probably 2 x 7165 (Ken Elgart, GA, 22/10)
- AFGHANISTAN Kabul, 4774, *0030 during Ramadan, an hour earlier than usual 0130. This started last year and now we should expect it every year. Aden 11770 also came on an hour earlier at 1100 during Ramazan (as we call it), since back to *1200 (Victor Goonetilleke, UADX)

MISCELÁNEA RADIAL

ZAIRE La Voix du Zaïre obs on new 11645 in FR 2100-0330+ (Andrew Blumberg, NY, SCDX 26/9)

VATICAN On 3/9 at 1700 the new 500 kW xmtr with unique rotatable antenna was used for the first time experimentally to cover inauguration of Pope John Paul I (ADXX) more, LN-13

U S S R Since 3/10, R. Moscow and R. Station Peace & Progress have widely publicized the new "Radio Moscow World Service" in English. Extracts from a 4/10 talk: (BBC MS 12/10)

"On Tues 3/10 at exactly 7 a.m. Moscow time, the matter-of-fact voice of announcer Karl Yegorov said: 'This is Radio Moscow World Service. Here is the news'. A new radio service was born, as the result of your requests. R. Moscow has always had a wide following of listeners all over the world--listeners that any radio station could be proud of, listeners that we do not talk at or even talk to, but that we converse with.

"Yes, it has been a dialogue, for R. Moscow broadcasts have always been answered by hundreds of thousands of letters every year. These letters have recently demanded a broadening of our operations. They asked for more news from and about the Soviet Union, more information about the Soviet way of life and how people here see things from major events to the problems of everyday life.

"R. Moscow's WS in English was conceived as the response to those demands. It has been tailored to fit your requests...it will take you into the homes of Soviet people, it will lead you into city streets and help you strike up conversations with the man in the street.

"RMSWS will not be addressing any particular country or even continent; it will be speaking to all people, and every individual person, on things that are important to all human beings, regardless of where they live and who they are; and in all cases it will be telling you about the USSR and what makes us tick as a nation and as individuals.

"The Service is on the air daily from 0400 to 1600 GMT, and from 2100 to 2300 hours, and in the near future you will be able to hear us around-the-clock in the 13, 16, 19, 25, 31, 41 and 49 meter bands. This is, in the world's most basic sense, your service--RMSWS in English."

A recent check of in-band frequency bookings with the ITU shows R. Moscow and its associated services intend to employ a total of 39 500-kW SW xmtrs during D78; comparing this with J78, it seems the USSR is now operating at least 42 500-kW xmtrs from 24 different sites. ##

Soviet Radio is interfering with itself to a hitherto unprecedented degree this season. Thus at 0300 7/10, R. Moscow in Spanish to Chile and the first HS were noted at equal strength on 9490 and 12070; and the same Spanish service was mixed with Mayak on 12010 (R. Wood NH)

Moscow Chinese hrd on 21690 at 2230 past 2300 26/9; even tho in 13mb, is a harmonic, 3 x 7245 (Bob Padula, ADXX) Would you believe 3 x 7230? (gh)

R. Tashkent is running an essay contest, prizes for which are 5- and 10-day free trips to Uzbekistan. Full rules appear in October REVIEW OF INTERNATIONAL BROADCASTING. It appears one would have to be a regular listener to RT to have any chance; and tho no restrictions are given, I'll bet the ultimate winners are in nearby SAs target area, not Nam! (gh)

U S A Some VOA QSLs have incorrect sites. Staff shortage causing poor quality control. Be careful (Harold Sellers, DX Ontario) Cf Greece, Aug LN-6. VOA has for nearly 3 years used a satellite feed to the Philippines during winter 0200-0330 since it's hard to rely on HF from west coast. VOA is going to use full time satellite feeds for this circuit which will mean that Delano & Dixon will cease to operate, but will be kept ready for emergency (Victor Goonetilleke, Sri Lanka, UADX) This is contradicted in Oct LN-12 (gh)

URUGUAY SODRE on 15272.5 at 2345 29/8 SP classical mx, drift from 15275 (Richard E. Wood NH)

U K O G B A N I BBC received about 100,000 forecasts in its World Cup competition. There were 800 correct entries and 12 finalists were picked from a hat by a British Airways hostess. Winner was 81-year-old Seichi Yoshida, of Kobe, Japan, who arrives in London this month with his wife on a free trip. He and the 11 runners-up each receive a radio set. Hal Burton, ISWL section editor, won a 10-day all expenses paid trip to Poland in a World Cup contest organized by R. Warsaw. Hal was the only UK winner out of 550 entries (Gordon Nattaras, S. African DX Club, Oct)

Lots of BBC-UK harmonics showing up on the 30-MHz band, 15/10 between 1400 and 1500: 30780 (Hungarian) 2 x 15390; 30360 (Arabic) 2 x 15180; 30140 (WS) 2 x 15070; 29020 (WS) 4 x 7255 (gh)

(Cf Oct LN-9) After Georgi Markov's death, Scotland Yard confirmed that Bulgarian defector and BBC broadcaster Markov was killed by unknown materials contained in a 1/15-inch pellet where he had been jabbed with an umbrella. Another Bulgarian defector, Vladimir Kostov had earlier been stabbed with an identical pellet in Paris, but survived. Bulgaria has officially denied any involvement. Three weeks after Markov died, another Bulgarian defector died in London, Vladimir Simeonov. He had also worked for BBC Bulgarian service. Death was caused by a fall down the stairs in his London home; it was termed 'suspicious'. Simeonov was to give a statement on the Markov case. A fourth Bulgarian defector, Stefan Bankov, says two men fired several shotgun rounds at him in Los Angeles in August, but missed. In 1974 he had been temporarily paralyzed when doused with a chemical aboard a flight. Alexander Lieven, head of BBC European Services, said Markov was an obvious target for assassination because he had been part of the highest circles of Bulgaria and was noted for his charges of corruption and sex scandals among Bulgaria's communist leaders. But Simeonov had simply been a student (summarized by gh from Wash. Post, AP, UPI, Newsday, Reuter, Toronto Globe & Mail, via Bob Foxworth, NY, and via SWNS)

U A E Dubai still inactive on 6040 since could not be logged 'on the spot'. Abu Dhabi not heard on 9620 (Rikard Johansson, Aug maritime mobile Persian Gulf, via DSWCI SW News)

SWEDEN A White Paper concludes that our SW listeners are dial twiddlers who collect stations rather than listen to them. We encourage listeners to write to the Swedish Foreign Ministry to correct this impression. The woman who wrote the report threw out all our listener research surveys and chose instead to ask Swedish embassies abroad if anyone ever contacted them about our programs. I don't know any DXers who would, but since no one had, the conclusion was that no one listens to us. The White Paper praises the more elite forms of culture at our expense (George Wood, R. Sweden, 9/10) Per the Saturday Show, Foreign Minister Karin Suder would like R. Sweden transferred to the Swedish Foreign Ministry. But then Mrs. Suder and her entire government were kicked out of office. How's that for a turn around? The point was made that embassies are a more effective place to write if you have a complaint about matters which involve the foreign image of a country (Richard Varron, NJ, SPEEDXGRAM)

ROMANIA/GERMANY EAST Two Warsaw Pact members are conflicting with each other, both in EG to NAM at the same time on the same freq, 11840--Bucharest 0400-0430, RBI 0330-0415 (R. Wood NH)

PORTUGAL/JAPAN R. Japan's relay via Portugal has clipped audio indicating satellite feed from Japan to Sines (Victor Goonetilleke, Sri Lanka, UADX) Victor was referring to the July tests; I tend to agree from the sound of the Oct tests on 11825 at 2200 (gh) RHODESIA LN-13

PERU (cf Sept LN-13) It's Quillabamba on 5025, not Andahuaylas (Tony Jones, Paraguay)

PARAGUAY R. Nacional, 9735, still off the air, awaiting test equipment from the US to make final checks of antenna impedance, output power, etc. Will then work up to 100 kW, all being well. 6025 currently operating on approximately 1 kW (Tony Jones, Paraguay, 2/10)

OMAN (CF Oct LN-8) Should have read "Cyprus on at 0330," not 1330 (gh) NGERIA LN-13

NICARAGUA La Voz de los Centauros heard on 17865, 19/9 at 0300 with echo IDs, fair. No trace on fundamental 5960 (Andrea Lawendel, Italy, PLAY-DX) That would be 5955... (gh)

A lack of SWBC activity from Nicaragua during the September war until Rfid. Nacional re-activated 5950 28/9 (gh) First noted at 0400, very strong, to 0700; fq anc'd; 50 kW; re OAS resolution and playing classical mx (Stu Klein, FL) At 0155 28/9; everything happy down there now. Not on at 0900, but full blast 0945; 29/9 at 0840, SIO 544 (Jack Jones, MS) Long political lecture 29/9 0940, 1028 IDs; next day already on at 0800; powerhouse (Jerry Berg, MA) Strong at 0145 2/10 (Lenny Saaf, IL) Noted 0500 14/10 (J. Findlater, CA) An ammt I heard said they were testing 100 kW xmtr at half power (gh) Well heard in Britain too, around 0430, on 5949 (Noel Green, BBC WRC 11/10)

NEW ZEALAND The SW svc is a 1½-man affair from the programme/management end--Geoff Hagggett, and me, part-time. RNZ is very pro-DXer; every letter and report is answered and tabulated by country for the big day when the Treasury announces a feasibility study of upping power and 'going serious' on SW. I'm not employed by RNZ; am sales manager with Air NZ. I type-set by hand and print the QSLs myself on an 1880-vintage American treadled platen (Tony King, Oct. REVIEW OF INTERNATIONAL BROADCASTING)

NETHERLANDS You won't find them listed in WRTVH or in their English program schedule, but RN does have a number of overseas mail forwarding drops which could save you some postage if you don't mind the delay. They are listed in the Dutch schedule: Kotak Pos 2301, Jakarta, Indonesia. P.O.B. 1121 - Station C, Scarborough, Ont, M1J 2Z8, Canada. B.P. 222, Niamey, Niger. C.P. 3222, Rio de Janeiro, Brazil. Postbus 2506, Paramaribo, Surinam. Postbus 45, Kralendijk, Bonaire, N.A. (gh)

(Wood, NH)

MOROCCO Agadir local ID hrd on 6095 0100 10/10; regional xmtr, or Agadir pgm via net? (R. E./MALDIVES R. Maldives transmitters were constructed and installed by Mr. Q. A. Wickramasinghe and each of the 6 bears a plaque 'Made in Maldives'. The studios are housed in a building overlooking the sea. In between the station and the sea the antenna farm is located. In the evenings boys and girls play football and basketball underneath the radio towers of the antennas of R. Maldives and the Telecomms dept (A. J. Sampath, India, visiting Maldives, UADX)

MALAWI MBC noted running late to 2210* on 5995 3380 (Richard Ginbey, R. RSA DX Corner 21/10)

MADAGASCAR Antananarivo ES noted well past 2400 on 2495 3285 (Ginbey, R. RSA DX 21/10)

LEBANON Voice of Lebanon, 6550, Muzak-type mx, AR ammts, no ID, s/on sometime between 0400 and 0412 when first hrd 28/9 (Terry Krueger, FL, TDXN)

KENYA VOK has been reported at 1010 on 11950 (Gerry Wood, RSA, via Getzel, SPEEDX 10/78)

JAPAN AFN Tokyo, 3910, sometimes on, sometimes off; hrd in July at 1230 (Goonetilleke, UADX)

INDONESIA RRI Fak Fak full-data QSL in EC says 4790 is 1000 watts, despite previously received letter for reception same date saying 500; different signers (Ed Kusalk, Ontario)

HAYTI (CF Oct LN-15) The 6156 station, hrd pre-AFRTS for a total of maybe 10 hours, from *1000, had no Citadelle IDs--nothing but R. Nationale. Was cutting thru het, too strong to have been R. Citadelle's listed 250 watts; RN may have been testing new xmtr (Stu Klein, FL)

GRENADEA RG was off air during Aug, I think due to Hurricane Cora. In Barbados, I couldn't hear SW or MW from them. But 15105 is back; 9550 is no longer used! (Steve Webster, Ont.)

GREENLAND Godthab had very strong carrier soon after 1000, then very weak IS several times, roughly 1008-1015 on 5980, on top of other unID stn. Mostly classical piano mx past 1025, 19/9. If R. Finland stays on new 9575, as noted at 1930, it will become increasingly difficult to hear Greenland here (Victor C. Jaar, PQ) Missing from D78 sked; to 9585 (gh) +LN-13

FRANCE RPT apparently testing in FR to Americas with DJ show 16/9 0145 on 11755 11870 9565/ Not hrd since (Richard E. Wood, NH, 15/10) Now active on 25620 daily to 1400*; strong (gh)

FINLAND R. Finland doesn't issue QSLs. Instead we have Audience Cards, my own invention! Our cards don't confirm date, time and frequency, only that we thank you for your letter. Mean? No, we just don't have enough secretarial time. Not everyone likes them. Dr. Richard Wood was dissatisfied. I apologise to the technically-minded. We do want reception reports with data--from listeners who are sure of their facts. With our location, we need all the reliable and comprehensive info we can get. But since we're already getting about 300 data reports a week, you could say we are keener to receive program comments. Why bother? Because we are responsive to criticism; your support strengthens our position; R. Finland audience cards are the most attractive confirmation cards in the world. OK, I'm biased. There is a different card for every month of the year--depending on the month your report deals with, not when we receive it. And finally, to all who write to ask and then wonder where they went wrong, we issue no pens, pennants, report forms, stickers, posters, brochures, or T-shirts. This is a radio station, not a supermarket (Patrick Humphreys, R. Finland, 10/78)

EQUATORIAL GUINEA R. Malsbo, 6250, best around 2050, bells 2100, Spanish to 2108*. WRTH is wrong listing EG to 2100, SP to 2300*! (Steve Webster, Ont) On a Monday to 2105* but hrd on a Saturday to 2300 (Richard M. Utter, NY)

ECUADOR AIDX is sponsoring a return trip to HCJB's "Project 500" in Elkhart IN--the construction of a 500 kW xmtr. A car pool will be arranged for those in the Chicago area, for the Nov. 11 trip. For details, contact Jeff White weekends at 312-894-3726; or Pete Jakl, weekdays at 312-543-4490. The Nov. 17 AIDX meeting at 7 p.m. in the Schaumburg Public Library will feature two speakers from HCJB, Dee Baklenko and Chuck Howard (Oct AIDX Journal) + LN-13

DOMINICAN REPUBLIC The harmonic of R. Rutas, La Romana, is being hrd on 2720 as far north as Canada (SWNS) Such as Crystal Beach, Ont., which is no further from the D.R. than Houston TX? (gh) I stopped in for a visit to R. Clarin. On AH, they have dropped 24h NSP to 0900-0500 and is now 10 kW fulltime on 860. They have 4 x 50 kW xmtrs not in use or irregular. Their other stn in Santiago is now irr. nitetime only on 850, but mostly off the air. I'm too close to receive 1700. RTVD is now 0900-0500, very strong on educational pgms. They cancel baseball games which R. Clarin got in place of (Dick Clark, Dominican Republic)

CYPRUS (Cf Oct LN-7) R. Bayrak hrd daily in Athens on 6287, despite announced 6150 (Tony Buhagiar, Greece, 21/9) Good signals to anthem end 0328 both 21/9 and 22/9, but frequency variable, starting at 6277 and up to 6279 at 0345 21/9; 22/9 started at 6276.4 and characteristic upward drift of about 100 Hz/minute; ute QRM minimal 22/9 (Bob Foxworth, NY, TDXN)

CUBA RHC new 11865 *0100 EG to NAM 15/10 (Richard Wood, NH) Not hrd here; xmtr error? (gh)

COSTA RICA R. Universidad on 6103, 13/10 0300 SP classical mx (Richard E. Wood, NH)

COOK ISLANDS RCI best hrd 2/10 on 5045, carrier on 0426, drums IS, EG s/on, 0429 ID, news by YL in Maori, then island mx, ads at 0449, soap jingle; hrd past 0500 with long talk, knocked out by Topo carrier het 5047, at 0510. Better reception than on 6/9 (Ed Kusalik, Ont.)

COLOMBIA 4875, 21/8 0420 La Voz del Norte, hrd by one reporter; 4875, 26/8 0415 R. Súper, Medellín, hrd by another; two conflicting tips at first sight (PLAY-DX) Both Norte and Súper hrd here 16/9 0930-1000; big het, Norte generally dominant, Súper on low side (Jerry Berg MA) R. Melodia operated 24h on 6140 with 2 kW, announcing power would soon be increased to 10 kW. Then Engineer R. Gallo told us of a temporary cessation of 6140 test xmns; and he says the station does not QSL (David Correa, La Salle DX Club "Monitor DX" Sept-Oct) Hrd at 0926 7/10 still with no mention of SW, just 30 kW on MW; "La Cadena Líder" (Jack Jones, MS) more, LN-13

CENTRAL AFRICAN EMPIRE (Cf Oct LN-7) Bangui 2050 15/10 in FR ID as "La Voix de l'Empire Centrafricain" on 5000 (Richard E. Wood, NH)

CAPE VERDE Voz de São Vicente, 3930 hrd 26/9 and 28/9 from 2320 w/light classical mx, IDs, ham QRM (Gerry Bishop, PA)

CANADA (Cf Oct LN-15) 3lmb RCI spur turned out to be mistuned 9755 xmtr, not 9535 one (gh) RCI hrd on 9315 strong 0245 24/9 in SP, 9755/9535 mixing product; not hrd since (Lenny Saaf, IL) CBC NS 8/10 hrd on 11720 with erroneous cart giving fqs 6065 and 9625 at 1400, 1405, 1500, 1505, played all morning (Richard E. Wood, NH) Somebody must have started believing the carts! As since then missing from 11720 even after 1300, and a trace of something on 6065, checked 15/10 and 21/10. 11720 QRM, but moving to 6065 is no improvement! (gh) Mistakes at Sackville continue daily. 11775 BBC relay 15/10 at 1650 suddenly switched to RCI-Russian--in the middle of "The Spy Who Came In From The Cold" (Richard E. Wood, NH)

BRAZIL New stn s/on 7/9 on 4915 is R. Nacional de Macapá, ZYF360, 1 kW hrd 2110; SIO 454 9/9 to 0300*. Addr is Rua Candido Mendes 525, 68900 Macapá AP. 2310, new R. Progresso, Sousa PB ZYG480 hrd 0025-0300* 27/9, SIO 252 (Djacy Frank Silva, Brazil, SPEEDX GRAM) R. Progresso hrd in Scandinavia to 0300 too, 250 W. On 2500 R. Par(a)navai, PR hrd on 2 x 1250 (Jan Tunér RN DX Juke Box 13/10) A stn hrd several times on 2320 at SWNS HQ around 2330 is believed to

be R. 8 de Setembro at Descalvado. Definitely announced as Estado de São Paulo (Oct SWNS) 5055, R. Mauá, vy nice 24/9 with IDs 2257, 2330. Announces as "Canal Nacional" and gives this SW fqy only + MW. Not sure if same as R. Mauá-3305 reported by Tony Jones, who believes this one is in São João de Meriti. 5055 announces as Rio, but SJM is in Rio state. There was a R. Mauá listed for 11885, 9705 and 1130 thru WRH 76, but in WRH 77 those fqs are listed as R. Ipanema. Vy good signal from this one in the PMS (Jerry Berg, MA) My guess is that this is the successor to the old 9695 and 11885 channels (Fred Heutte, 3/10, TDXN)

ARGENTINA El Mundo on 18670, Rivadavia on 5882, etc., etc. are utility transmissions, PTP links during sports events. Rivadavia has an enormous net of stations taking its football coverage. The DX world should know that any Argentine DX on SW other than RAE, Belgrano, Splendid, El Mundo, etc. on known SW frequencies, must be considered utility. So DX editors can quit listing these. Also, Argentina is not a tropical country and can't use 60 meters. Broadcasting is tightly controlled by the government, not like in Bolivia, and stations are not able to violate existing allocations (Carlos Maslatón, ADXCI, 8/10) Who cares if they are officially PTP, when they allow us to listen to certain stations & programs? (gh)

ALGERIA Is that Algeria on 15230v? Awful modulation, fq varies 15227-15233, what a choice--mixes with Cuba from 1700, also in AR to same target; hets Tunisia 15225, Arabic to same zone and may suffer from RN via Madagascar also in AR on 15220. Ironic since Algeria has been in forefront of countries re WARC-79, invariably in a negative role, criticizing perceived imperialist 'plots' in the existing setup. Would be nice if they set their own house in order before casting stones at others! (Larry Magne, PA) Noted on 15232 in AR at 2030; 11894 at 0800 and 1330 (Noel Green, BBC WRC 27/9) 17/10 AR DS on 10195, another mistuned xmtr (BBC WRC 18/10)

CLANDESTINE CRANNY

KDOR pirate "Dorwart Broadcasting Co." on 830 kHz in Los Angeles has been tracked down by SWNS Correspondent Paul S. Lotsf. They are 1 1/2 blocks from KHJ's studios--just south of Hollywood. KDOR is operated by a DXer. KDOR claims to have been visited by the FCC but has not been closed. Various reasons have been offered for this, none of which make sense. There seems to be no end to the fun and games which go on within the DX sub-culture. At the time of Lotsf's visit they were using 75 watts, but this may have been reduced as of 27/9 (SWNS Oct)

CFAB is or was a pirate--definitely not TIS, somewhere between Niagara Falls and Hamilton. I believe the station is currently off the air (C. M. Stanbury, Ont., 11/10) My office is not aware of such a station, but we are bringing the matter to the attention of our regional office. This would indeed be illegal in Canada, as there has been no initiative to allow such stations on 530, 1610 or 1620 kHz as in the USA. You may be interested to know that there is a legitimate CFAB--250 watts on 1450 kHz in Windsor NS (W. G. Robson, Chief, Broadcast Applications Engineering Division, Telecommunication Regulatory Service, Ottawa, 7/9 via Mike Hardester, Okinawa) 1620 kHz; cf Oct LN-10

WFAT, 1620a, New York hrd 0518-0827, excellent sig. Guy said his name was Larry McCrea (sp?) with live-call-ins. IDs as "Free Speech Radio". Has his hands filled with lunatics calling up--one guy claiming he was raising money for the "Alaskan Foundation Society for the Humanities". The same guy called back 5 times, each with a different cause. Number given out was (212) 664-9979. It was real; the guy told me WFAT will soon have a 'bunch of QSLs' (Bryan Lee, Brooklyn CT, 23/9 IRCA DX Monitor) Bogus WFAT still active on 1630 from Brooklyn (NY) sporadically. 14/9 *0600 with "Larry McGray" at same number. They avoid political issues as a rule. This xmtr drifts slowly downward about a kHz in 15 or 20 minutes, usually stabilizing on 1629.4. Other pirates hrd on 1626 and 1628 with weaker signals after 0400 don't appear to be same xmtr (Bob Foxworth, NY, TDXN)

The Voice of Peace, 3400, hrd 8/9 2225 testing in EG giving freqs 7170, 7290, 9150, 9155. What's this, Glenn? (Mario Guida, Play-DX, Italy) Wish I knew (gh)

Radio Alpha 92.5 FM Stereo with mailing address in Essex, 80 watts to dipole, a free radio station broadcasting on Bank Holidays. Broad rock spectrum of music; reception good in London region and outlying districts. Next sked xmsns on Boxing Day and New Years Day (viaBarto)

Baltic pirate planned. Some Britons plan to set up in Dec on a Dutch vessel under Panamanian flag in the sound between Denmark & Sweden, to broadcast 20hpd to Denmark, Finland, FRG, Sweden, Norway--music, ads and news (Berlingske Tidende via Yleisradio 27/9 via BBCMS 5/10)

R. Cavendish hrd on 6260 at 1000. Britain R. International 6220 1000. Thameside R. via EMR 6260 0900-0930. R. Solent City regular on 6285 0830. ABC Radio Ireland 2330 on 1320 from Cork. ABC Europe to use 31m in Sept (Allen Dean, WDXC MM) R. Condor International uses 6317 (Simon Knott, WDXC) R. Corsair on 6255 at 0920--(Mick Webster, WDXC) European Music Radio will use 41m, probably 7315 with 50 watts from 17/9 (Kevin O'Sullivan, WDXC)

Radio CBN, 26785, Sydney, EG at 1000, very poor strength 8/9, soon inaudible (Rob Williams, NSW, ADXN) Report to advertised address returned as unknown (Peter Bunn, ed., ADXN)

Fretelin radio, East Timor from Maumere, ceased 6/78 (Indonesian Foreign Minister via journalists on a visit to New Zealand, via Antara 22/9 via BBCMS 28/9)

Radio Liberation Eritrea is asking for donations to go on the air. AESNA, Box 1247, NY NY 10027, 212-222-5403; or B.P. 326, Montréal, N.D.G., Québec (Victor C. Jaar, via L'Onde Sept)

Voice of Palestine, Voice of the Palestine Revolution tho announced it would be on 1138 kHz from 13/9, was found on 1120 at varying times 13-14-15/9 announcing experimental pgms. 17/9 obs on 1149, but 18/9 returned to 1120 at 1000-1110, 1400-1700 with normal pgming (BBC MS 21/9) Now stabilized on 1120 daily in AR at 1000-1100, 1400-1700 with 20-min nx at 1015, 1415, 1500, 1600 (BBCMS 28/9) Believed located in the Lebanon; anti-Israel, pro-Palestine; Arabic ID "Sawt al-Filistiniyah, Sawt Ath Thowrah al Filistiniyah"; PLO-controlled. Has been noted with extended xmsns during crises; EG & FR news occasionally included (BBCMS 9/78) Anc'd that as from 3/10 would also BC 0500-0630, but not traced on 1120 kHz 3 to 5/10; 6/10 *1130 but off the air abruptly 30 sec later (BBCMS 12/10) more, LN-13

Free Lebanon Radio, "the radio of Lebanese Steadfastness and Resistance", hrd on 1560 kHz at 0550 4/10 concluding AR nx; 5-min EG & FR nx at 0630, 0645; anti-Syrian, apparently pro-Sham'un. S/on, s/off times vary but obs at 0545-0900, 1100-1400, 1600-2000. English nx also at 1230, 1730 (BBCMS) more Lebanon; VOAS, LN-13

Voice of One Lebanon/Voice of Arab Syria clans now on 6165 ex-6170, plus 9510 (BBCMS 12/10)

Zimbabwe Will Be Free is a pgm in R. Moscow Ndebele and Shona services. In Ndebele 1530-1600 on 21645 17820 15505 12055 Thu, repeated Mons. Shona same days 1600-1630 on 21645 17820 and 15520. Contains ZNF, ZAPU, ZPLA opinions, says R. Moscow (BBCMS 5/10)

Voice of the Emigrant, the Journal of Italian Workers Abroad, continues on 908 kHz via Burg, East Germany, in Italian Wed/Fri 2015-2115 (BBCMS 21/9)

Radio Rebelde was back with Comandante David at the mike, 3/10 at 0206 tune-in on 7088; again 16/10 0154 on 7079; first time hrd since June; had feared this stn had been found and closed by Cuban govt (Harry Helms, SC)

YUGOSLAVIA; more WARC-79 LN-13

FUTURE PLANS WARC 1979 The US State Dept has appointed an advisory committee to assist the US delegation under Glen Robinson, chairman of the delegation to the 1979 World Administrative Radio Conference. On the committee are six persons representing land mobile interests, 13 for public interest and minority groups, three for educational interests and one representing commercial broadcasters. The US must submit its proposals for the conference to ITU HQ by next January. The meetings in Geneva, Switzerland begin Sept 1979 and last for 10 weeks (Aug Broadcast Engineering, via SWNS)

U S S R In the foreseeable future you will be able to hear our Radio Moscow World Service any time of the day and night and in any part of the world (Eugene Milov, R. Moscow 23/9, BBCMS)

U S A WYFR will begin using its 3rd xmtr in Florida before yearend. The construction of the transmitter building is virtually completed, and its interior is beginning to take shape (WYFR D78 sked, via Pete Grenier) So 2 will still remain in MA into 1979, it seems (gh)

SRI LANKA W. German Federal Minister had talks in Colombo, and now the DW relay station will start construction. There is also speculation about 250 kW xmtrs being installed at VOA/SLEB and maybe even a DW/VOA tie up with the new station (Victor Goonetilleke, UADX July/August)

Saipan FEBC has secured 16 acres of mountaintop terrain on Saipan for its projected SW station on American soil. The governments which so graciously allow the Gospel to be broadcast from their shores to China, may not be able to do so indefinitely. The recent closures of Gospel radio stations in Africa underline the obvious. The installation of the two 100 kW xmtrs will cost one million US dollars in the next two years. The project is called "China Open Door Phase III", Phase I having been HLDA South Korea, Phase II DWRF Philippines, 250 kW AM stations audible on any ordinary receiver in China! (Broadcaster, 9/78, via G. Bishop)

MEDIUMWAVE SHIFT 23/11 is the big day when Eurafrikan MW stns are to shift to uniform 9-kHz separations, and 1 kHz higher than at present (2 kHz at top of band), meaning a totally different DX potential in NAM; also many new stations and changes in existing services. Also, Asia and the Pacific shift from 10-kHz to 9 kHz, opening up many 'split channel' DX possibilities in NAM, formerly co-channel, which remains on 10 kHz spacings (gh) NEW ZEALAND LN-13

MALI R. Mali's SW xmtrs were bought from Czechoslovakia in 1962 and have been in use ever since. They are no longer in production and R. Mali has been forced to make constant adjustments to the xmtrs 'which were about to expire'. The Chinese-made xmtrs on Kati Road were for external BC only. Thanks to a loan from West Germany, R. Mali will be able to buy two SW xmtrs, with a power of 50 and 100 kW; installation should be complete by end 1979 (BBCMS)

ISRAEL Prime time service for IBA to NAM is a dead issue. It has been considered and turned down. But listeners' opinions on the matter are still wanted (Larry Magne, PA)

HAWAII (Cf Oct LN-11, Sept LN-13, Aug LN-12) I was interested in reading in the last "SWL" bulletin that Glenn Hauser announced on DX Digest that HCJB has purchased a construction permit for a SW station in Hawaii. HCJB has never even applied for such a permit. BGEA has an application pending, with no idea when the FCC will act. If granted, it would be a Billy Graham project and not HCJB. We might help with programming and technical assistance at their request. It will certainly not be an HCJB relay station as some have apparently suggested. (Clayton Howard, via Jeff White, IL) As can be seen in the accounts referred to above, I never said HCJB had bought CP, just quoted KAIM head saying they planned to turn it over to HCJB. Nor have I ever said it would be an HCJB relay station. Those who quote me should be careful to be accurate! And you and KAIM need to consolidate your stories (gh)

GUYANA R. Demarara will be merging with the GBS. The British-owned company announced this, saying it is due to financial difficulties (Steve Webster, Ont.)

GABON The former Radio Voice of the Gospel, whose station ETLF was nationalized by the Ethiopian govt, is to start xmsns from the new 500 kW xmtrs of La Voix de Rénovation in Gabon (Hamar Dagblad, via Kjell Arne Olsen, Norway, SCDX 3/10) The tests 12/7 and 13/7 were probing the endurance of the Moyabi 500 kW xmtrs. Stn will return to air in next few months, probably on freqs near the ones used before. The stn says it will then be comparable to RFI, VOA, DW and the BBC (Julius Hermans, SCDX 10/10) How grandiose! Power ain't everything... (gh)

DIGITAL vs SSB SSB on SBC seems okay, but I can't see it in the future. My guess is that digital techniques will take over before SSB. I envisage that the ordinary studio signal will be sampled say 40,000 times a second and the amplitude recorded in digital form. The receiver then uses the digits to reconstruct the audio signal to near studio quality. As long as the rx can pick out the info, the final result is in-studio quality, no matter if the digital info in its path to the rx goes into a fade or becomes distorted. So the stn will either be heard well or not at all--no DX, hi! Rubbish, you might say, but the technology, via computers is with us now, tho super stable low cost digital SW radios are not. Digital is being tested however in the UK and other countries. Richer stns would adopt it first, but the resulting quality gain would surely boost listenership, leading to digital/AM/FM radios on the market. Of course there would be problems--digital jammers and possibly different countries with incompatible systems could cause the idea to flop (Jonathan Marks, UK, Oct. REVIEW OF INTERNATIONAL BROADCASTING)

COSTA RICA R. Universidad plans to transmit 3 different programs simultaneously, one on AM, one on FM, and an international one on SW, as recently testing on 6105 (G.M. Céspedes ADXCI)

BRAZIL New stn not yet in operation is on 3385, 5 kW R. Jornal da Transamazônica, Altamira, alternate freq 5025 (WRTH via DSWCI SW News Oct)

AUSTRALIA Installation of new xmtrs and antennas continues at Shepparton. Some rather sophisticated antenna systems are to be installed; tests have already been made on various unscheduled frequencies. Upgrading of the Darwin centre is about to commence, but I am uncertain as to exact nature of new installation. There are no operations at present, due to unavailability of power or antennas. I am led to believe that the xmitting equipment is substantially intact, following Cyclone Tracy (Bob Padula, Victoria, 25/9)

DX PROGRAMS

U S S R R. Moscow now has only one DX pgm in EG, "Radio Moscow World Service DX Club", Sats 0530, 1130, 1830, 2130 (RM DXC 21/10) At 0532, 1132, 1832 Sats plus usual times to Nam (RM DXC 15/10) Suns 2210, Mons 0410, 0810 (R. Moscow 30/9 via 30/9 via BBCMS) Fluxy (gh)

SRI LANKA Radio Monitors International via SLBC now sked Suns 0415 on 15425 9720, Mons 1115 on 17850 11835 15120, Mons 1900 17850 15115 11870 9720 (R. Australia Japanese DX 8/10) The last word I had was that the 1900 BC was on Suns; maybe neither, cf LN-1 (gh)

SPAIN When SFR added a Sun (GMT Mon) BC to Nam, the DX pgm was moved 24h later, so now Mons 0045, 0145, 0600 (gh)

PORTUGAL Clive Jenkins, General Secretary of World DX Club, produces World DX News, Suns 0930-0945 on AWR, on new 9665. The most recent innovation has been weekly up-to-the-minute DX news items thanks to a telephone link between club HQ in the UK, and AWR Lisbon (WDXC)

PHILIPPINES Evelyn Salvador Agato is no longer doing the R. Veritas DX pgms; the new editor of R. Veritas Listeners International is Masu Chao (William Miller, CA, SCDX 10/10)

NETHERLANDS ANTILLES TWR Bonaire has reduced its EG svc to As, now 0055-0135 on 11925. The DX Special on Thu has been suspended (Oliver T. Goonawardena, Sri Lanka, ADXN Oct)

NETHERLANDS R. Nederland PT DX pgm "Rádio Atividade" now begins promptly after 2300 time sig on 15180 15315, Thursdays (gh) Dutch by Radio has ended, so DX Juke Box will again be 30 min every week (Alan Roe, DSWCI SWN) On 7/11 RN begins a DX pgm in Arabic, probably the first DX pgm in that lang, 10 min in length on Tues (Martin van Delft, Holland, SCDX 10/10) AR xmsns are at 1530-1620 on Lopik 21640 17810 9895; 1630-1720 Mad 21685 11730, Lopik 21640 17810 15220 9895 6020; 1730-1820 Bonaire 21640 17810, Lopik 11730; 1830-1920 Lopik 15385 15220 and 11740 (gh)

FINLAND (Cf Oct LN-12) R. Finland has started a new fortnightly DX pgm, World of Radio, as part of the 90-min Sun pgm, Oct 8 and 22 (Juhani Niinistö, R. Finland, SCDX 26/9) So if they keep to sked, Nov. 5, 19, Dec. 3, 17, 31 ect (gh)

CANADA A reminder that you can now get all the DX news on the first airing of RCI DX Digest Suns 1805 on 17760 15260. Then it's alternating editions in 1900(Eu), 2000, 0100, 0200, 0300 and 0400 GMT Mon; and a repeat Weds 1900(Af) (gh) ODXA Newline is broadcast from Toronto with 12w PEP on 27395 LSB (alternate 27145), GMT Sat 1000, Sun 0400. I checked with local authorities and this is not illegal. QSLs are offered if r.p. is enclosed in reports to ODXA HQ, 1910-1202 York Mills Rd, Don Mills, Ont. M3A 1Y2 (Steve Webster)

ARGENTINA 12-min DXismo Arg. al Mundo now in SP fortnightly on RAE, Wed 1933 11710, Thu 0133 & 0433 9690, Sat 2203 11710, Sun 0108 9690 (Carlos Maslatón, SCDX 26/9) Welcome back (gh)

PROGRAM NEWS

U S A Fine Arts radio is beginning a 13-week experiment Nov. 3.

At last, something besides government, military-commercial, or religious hucksterism on US shortwave! A patron of the arts has bought air time on WINB: GMT Sats 0100-0200 MUSIC FROM OBERLIN, 0200-0230 locally-originated music; GMT Suns 0100-0200 CLEVELAND ORCHESTRA POPS CONCERTS, 0200-0300 ADVENTURES IN GOOD MUSIC WITH KARL HAAS. Listener response will determine whether the project continues and grows beyond January. Please write not to WINB, but to **Fine Arts, P.O. Box 1003, Waterloo IA 50704**. The transmission is on 50 kW to SAM, but audible in much of NAM and elsewhere. The frequency is expected to remain 15145 (gh)

WYFR's OPEN FORUM tackles these questions, among other times at 0305 on 6155: 9/11, Why doesn't God do something about all the sickness in the world? 5/12, What is the meaning of the number 7 in the Bible? (gh)

SINGAPORE, TAHITI LN-13

U S R Paul Kuznetsov promises 'every listener' a copy of R. Moscow's new World Service program schedule once it is finalized. Meanwhile various portions of it have been announced (gh) Basically 10 mins of news on the hour, then 20 min of commentary. On the half hour, news in brief and various features: TOP TEN in two 25-min editions, Suns 1330 & 1430, rep 2030 & 2130, Mon 0830 & 0930. MUSIC ON REQUEST, Thu 0530, 1130, 1730 (RM DX 22/10)

U K O G B A N I Some November BBC WS hilites: THE SHRINKING SHOALS in two parts, 7th & 14th 1430, 9th & 16th 0330, 10th & 17th 2030. THE WAY OF EVERYMAN, Sats 1130, Suns 1830, Mons 2330: week of 4th, Islam; 11th, Marxism; 18th, Zen Buddhism, 25th Sikhism. REITH LECTURES, 6 by Rev Dr E.R. Norman on the role of churches and Christian groups overseas, Tues 2115, Weds 0230, 1430. A CITY AND ITS MUSIC (London), Mons 1430, Thurs 1000, Fris 0630--at times conspiring against NAM listeners. ANIMAL, VEGETABLE OR MINERAL, Suns 0330, Tues 0830, Weds 1215, Thurs 1830. THE BRONTËS OF HAWORTH by Christopher Fry, Suns 1915, Fris 0030, 1330.

SOUTH AFRICA R. RSA ES in EG & Afrikaans Suns only 1300-1500 on 21535 15220 11900 says it is specifically to "the boys on the border in northern South West Africa". It contains a short religious service, musical requests with dedications, and news 1445-1455. THE DEFENCE FORCE IN THE NEWS is within the musical request pgm 1335-1345; news commentary 1400-1406 (BBC)

PAKISTAN On 7/10 new radio & TV pgms were introduced which would be 'more purposeful and in consonance with Islamic society'--sports, drama, poetry, discussions, educational and recreational pgms, political talks. Vulgar songs and dance pgms have been banned and no music will be played during the recitation of 'praise of God and Prophet'. 'Ladies appearing on TV would be required to wear a dress within the bounds of decency'. Vulgar and obscene ads will be discontinued and agencies have been asked not to project ladies in ads of articles not basically used by them (Federal Minister for Info & BC, via R. Pakistan 28/9, via BBC MS)

NEW ZEALAND RNZ news, by GMT days: Daily 1700, 1730, 1800, 2000, 2300, 0500, 0730, 0900, 1100. Sun-Thu 1855, 1930. Sun-Fri 2200. Mon-Fri 0100, 0200, 0400. Fri & Sat 1830, 1900. Sat & Sun 0300. Sat 2100. News support pgms: 1800 Sun-Thu Morning Report, 2300 Mon-Fri Mid-day Report, 0500 Mon-Fri Evening Report, 0910 Mon-Fri Checkpoint. Sports: SportsCall Sat & Sun 0545; NZ Rugby Tour of UK, from 1330 GMT on 6105 or 11960. Pacific Newsletter, Sat 0430. All Things Considered (including Faith for Today, Viewpoint, Today's Book) Mon-Fri (no time given). Appointment with John Gordon, music and song for mature tastes, Mon-Fri 0300. Round about, magazine of music and interviews, with Philip Liner, from 0400. Evening Showcase, daily from 0630--stories, plays, news, special reports. Arthur Cushen's DX World, First Sun 0915. Mailbox, 3rd Sun 0915 (RNZ) RNZ has an old time radio show Thu 0305-0335 (MacCollom, IN, SPEEDX Oct Program Panorama)

NETHERLANDS Happy Station will celebrate its 50th anniversary on the air with live around-the-clock broadcasts 19/11. R. Nederland's new EG schedule magazine has been expanded and includes sketches of each program, and photos of the presenters (gh)

INDIA AIR Panel Survey The Audience Research Unit intends to conduct a panel survey and a systematic feed-back to our different broadcasts beamed for USA. The panel members would be requested off and on to fill up the structured schedules. It is requested that names of your club members interested in becoming panel members be sent to me along with bio-data (G.P.L. Srivastava, All India Radio Audience Research Officer, Box 500, New Delhi; 21/9) That's not quite the way we operate, so if you're interested, and can hear AIR regularly, contact him directly. It's news to me that AIR has any BCs intended for the USA! (gh) AIR has begun Hindi lang lessons for English speakers, Thus 2015-2030 on 9912 11620 11740 (Richard E. Wood, Univ. of New Hampshire)

HUNGARY R. Budapest marks the Bertolt Brecht centenary with STILL IT MOVES, on a Brecht play on Galileo, 21/11 Tue 2100; 22/11 Wed 0200, 0300, 1030, 1200, 1430. INSIDE HUNGARY on the same times each Wed/Thu (Budapest International)

much more **FINLAND LN-13**

FINLAND Maybe the best way to understand a people and their culture is thru literature. Diana Tullberg's popular series of translations and dramatisations of the best of Finnish literature continues this winter on R. Finland. First transmission is on the date given at 1930, then repeated over the following 24h, GMT Thu/Fri; also in Sunday Best 10 days later. 23/11 "Two Dialogues" by Maria Jotuni; 7/12 "First Love" by Joel Lehtonen; 11/1 "The Last Journey" by Pentti Haanpää; 1/2 "Homecoming" by Mika Waltari. "Made in Finland" moves to alternate Thu/Fri, for the latest in Finnish products, ideas and designs (R. Finland 9/78)

PUBLICATIONS Modern Electronics is to be merged with CQ, the ham mag, per Mort Waters, former ME editor. They were plagued with distribution problems since their inception (Harry Helms, SC) Yes, I never found one on a newsstand. I understand ME carried a number of fine DX articles by you. I've also heard a rumour that Communications World is going under (gh)

RDXL Mediumwave Pirate List bring you a lot of very interesting info about 75 European MW pirates hearable for DXers in Europe. 16 pages, for 3 IRCs to: Romsdal DX Lag Sales & Publications Dept., P O Box 1050, N-6401 Molde, Norway (Play-DX 2/10) We have a news magazine about free radio/offshore, called RDXL News, published every 6 or 7 weeks, at 2 IRCs, next edition due out 9/9, and orders from the USA would be more than welcome. RDXL is the HQ for Radio Seabear and Radio Birdsong International (Jerry Cane, RDXL, 2/9 letter to Sam Barto CT)

SWL Guide, 414 Newcastle Rd, Syracuse NY 13219, offers these specials while they last: 1978 WRTVH, \$9 + 60¢ postage. 1977 Comms World & Comms Handbook, \$1 each, plus 40¢ postage for one or both. 1978 Comms World, \$1.10; 1978 Comms Handbook \$1.60, plus 40¢ postage for one or both. (Todd Graves)

L'Onde, xeroxed monthly magazine in French of Club Ondes Courtes du Quebec. Much more graphically interesting than US DX magazines, includes a wide variety of columns on MW & SW DX, SWL, and of course a good source on French-language programming and schedules. Sept issue was 40p. First class to Canada & US per year C\$12.50; elsewhere by air C\$15.50, by check or postal money order. Club has been going 4 years and looks like a winner. COCQ, 3420 Chemin Ste-Foy, App. 5, Sainte-Foy, Quebec, Canada GLX 1S6 (gh) Albanian mag: LN-13

World DX Club has a new address: Flat 2, 71 King Charles Road, Surbiton, Surrey, England KT5 8PG. The club, however, is not desperate for new members (WDXC)

Benelux DX Club publishes a monthly magazine in Dutch and English, all re-typed on a single machine (whose face does not appeal to me) Tho 855 members, does not get much support for its SW loggings section; many other columns, best of which is TV DX, always including many photos of DX IDs and test patterns. Aug issue was 48p; seems to have increased the proportion of Dutch to English copy. Membership fee is 36 guilders per year (not including overseas postage) Postgiro 68 83 78. BDXC, Postbus 1306, 6501 BH Nijmegen, Nederland (gh)

New MW Channel Plan in Japan, effective 23/11/78, 4 crammed pages by new freq, also showing old freq, power, call, net, stn name, city, province, compiled by Yoshiaki Hayashi. 2 IRCs by airmail from JADX, P O Box 1766, Tokyo Central, 100-91 Japan (gh)

Monitor DX, bimonthly bulletin of La Salle DX Club, Apartado Aéreo 8528, Bogotá, D.E., Colombia. Not much quantity; Sept/Oct issue was 12 pages, but interesting to see DX from the Colombian point of view. Domestic subscriptions until 31/12/78 are 100 Colombian pesos (gh)

TIME JUMPS Poland back to GMT + 1 on 1/10. Lebanon back to GMT + 2 on 1/10. Chile did not revert to DST on 2/10, still GMT - 4 (Tony Jones)
Cuba back to GMT -5 on 8/10. Algeria back to GMT +1 on 22/9. Albania GMT +1 1/10 (BBC MS)

ELEVEN METER WATCH 25605 Pioneer IBA continues here in our mornings, including EG 1200-1230. Jammed after 1400 (gh)
25620 RFI used this channel weekly for Antarctica in the middle of our night, but in Oct began regular use until 1400*, strong; no mention of it at closing. (gh)
25620 R. Moscow hrd testing on this freq; they have not previously used 11m. 20/10 1430-1530 with 2 xmtrs and languages (not ISB), one of which was WS in EG; also brief test heard 21/10 after 1400 (Larry Magne, PA) Checked 22/10 but had only a trace of a carrier (gh)
25690 R. Liberty, Portugal, regular mornings, along with heavy jamming (gh)
25790 R. RSA to use this D78 1056-1650 with 250 kW. (gh)
25800 Hanoi, Viet HS good 22/9 at 2314; 4th harmonic of 6450! (Bob Padula, Australia, ADXN)
26040 VOA-Greenville has been active here circa 1500-1900 (gh) (ADXN)
26095 VOA-Dixon has been active here 2200-2400 (gh) Extended to 0100 for special occasion
BBC early on announced it would not use 11m; they will live to regret this, as conditions are excellent and getting better and better as the sunspot count zooms. Years ago they used 25650 and 25720 (gh)

IN MY OPINION JAMMING (Cf Oct LN-13) (C. M. Stanbury II, Ont.) It's hard to understand exactly what Robins is disputing when he says he doesn't take my conspiracy theories seriously. Several investigators, including a special committee of the US Senate, have established involvement by US govt agencies in the Chilean coup. So certainly there was a conspiracy. Further Robins' own implied suggestion that the jamming came secretly from the US would constitute even more of a conspiracy. ... As 'flying transmitter' technology was already available in the early 1960s, it seems reasonable to assume that even more advanced portable systems were available at the time of the Chilean conspiracy. This conclusion is further supported by the fact that certain Chilean SWBC stations showed substantial increases in signal strength immediately after the coup.

(Reliable official source which cannot be identified:) According to the transmitter manufacturer, they were definitely in Chile and bought specifically for jamming, not broadcasting or PTP. Not even the Russians have charged the U.S. with jamming.

LAST MINUTE ITEMS

YUGOSLAVIA R. Yugoslavia has invited international bids for delivery of equipment for a SW xmsn centre, consisting of a 500 kW xmttr and an appropriate antenna system. Bids must be submitted by 15/12 and construction is expected to begin next year ('Borba' newspaper 7/10 via BBC MS 19/10)

WARC-79 ZBS Zambia reports that the Minister of Info BC & Tourism has called on a group of non-aligned broadcast engineers to fight for a fair share of the frequency spectrum, currently being dominated by developed countries. Opening the 2nd conference of non-aligned BC experts in Lusaka 9/10, minister added that Zambia had had a long term problem with foreign BC stns interfering with its own radio services. The third meeting of the committee for co-operation of BC orgs of non-aligned countries was to take place in Arusha, Tanzania 16-23 Oct. I.a. to discuss WARC preparation and satellite BC. AIR reported the Indian delegation had left for this meeting (BBC MS 19/10)

VATICAN Tech tests to SEAs & Au on 15150 and to Cam 15180 hrd to 1625* (J. Fitzsimons WDXC)

USSR Some D78 site registrations with ITU: Kalatch 15200 0730-1700. Kalinin 6105 2130-0300 & 21635 0600-0900. Konevo 11850 0600-1400. Kursk 17745 0900-1530 & 17860 1030-1300. Vologda 15350 0700-1200. Riga 15220 0430-1200. Baku 21490 1200-1530. Yerevan 500 kW 11890 1300-1430. Alma Ata 500 kW 9610 1400-2200. Dushanbe 21505 0900-1230. Prunze 17825 0900-1230. (U-Blavoveshchensk 9580 0230-0730. Ohhotsk 9600 0000-2400 HS. Yuzhno-Sakh. 11860 0130-0330 HN)

UKOGBANI From 5/11, Nam BBC listeners now get a 'Good Evening' from Antigua after complaints that this is the only relay which is discourteous when it signs on (Russell Shapiro, WDXC)

TAHITI FR3 news direct for Paris sked in FR at 1615 1645 1715 1800 2230 0700. Daily 0300-0600 variety, public info, messages, Tahitian folk concerts (via Marty Delfin, TX)

SINGAPORE Some RS EG pgms on 5052/11940: Thu 1200-1300 On Feminine Lines. Fri 1400-1430 Men From the Ministry. Sun 1230-1300 Many A Slip (via Pete Grenier, CA)

SA'UDI ARABIA BSKSA Jiddah ES in Indonesian 1300-1355 21530 ex-21480 (BBCMS 19/12)

RHODESIA RBC test GS daylight 7285 //6020, irr, but 7285 maybe soon regular. Also Af svc on 41m (Richard Ginbey, R. RSA DX Corner 21/10)

PHILIPPINES FEBC target for BC from Iba site is Nov 78 (Global Update, via Marlin Field, MI)

NIGERIA ID of Gongola BC Corp has changed from R. Yola to R. Gongola (FRC 15/10 via BBC MS)

NEW ZEALAND A new SW svc is being planned to provide a wider and more reliable overseas coverage (1978 report of the Comms Working Party of the Nat'l Research Advisory Council, NZDXT)

JAPAN D78 no changes in R. Japan 2345, 0130 to Nam. GS to Ams: 17755 2200-0130, 15105 0200-0430, 9505 0500-1830, 15105 1900-2130. EG Eur 0800-0830 on 21640 17825 (via Wilder Pickard)

FRANCE Super-SW DX merges with TVDX! (gh) France TV audio hrd 22/10 on 41250 kHz around 1740 GMT; British TV audio also hrd earlier on 41500 kHz (David Crawford, FL) Get these while you can, as by the next sunspot peak c. 1990 these low channels are to be phased out (gh)

FINLAND R. Finland day by day features sked for Nov: 5th OUT & ABOUT on the central town of Tampere. 6th FRESH AIR on sled-dog racing with Siberian huskies; STARTING FINNISH lesson 3. 7th VOICES OF FINLAND--the Finnish Tango. 8th SPOTLIGHT--role of the press in forming public opinion. 9th MADE IN FINLAND--agriculture & food production; ON THE TOWN--Cumulus, a group of versatile musicians. 10th NEWSMAGAZINE--weekly roundup of Finnish & Nordic news stories. 11th INTERNATIONAL LETTERBOX. 12th SUNDAY BEST includes: VOICES OF FINLAND--lyrical composer Jyrj Kilpinen; FINLAND IN FOCUS--missionary activity in Namibia; SUNDAY REVIEW on the week's news; MADE IN FINLAND--Finnish clothes. 12th OUT & ABOUT--winter holidays. 13th STANDPOINT--Finland & the Finns on the world scene; STARTING FINNISH--lesson 4. 14th VOICES OF FINLAND--Sibelius' music. 15th SPOTLIGHT--wide ranging current events. 16th RADIO DRAMA--The Tale of the Pallid Maiden, by Aleksis Kivi. 17th & 18th as last week. 19th SUNDAY BEST incl. VOICES OF FINLAND--song writers; RADIO DRAMA--repeat of Thu. FINNISH RADIO LIGHT ORCHESTRA; SUNDAY REVIEW; WORLD OF RADIO--DX special. 19th FINLAND IN FOCUS--Residential planning and housing conditions. Date shown is first airing 1930; at 1300, 1430 a day later; remainder appears in November REVIEW OF INTERNATIONAL BROADCASTING (gh)

ECUADOR R. Popular Independiente 4800 now 2 kW; R. Luz y Vida 4850 ex-4830; Canal Juvenil has left SW, for MW only (Jean-Jaques Bloch, DSWCI Oct SW News)

COLOMBIA (Cf Oct LN-7) R. Nueva Granada is now IDING only as R. Sucesos, best after 0730. Still mentions RCM, or is it RCN--Radio Cadena Nacional? (Marty Delfin, TX, 15/10)

CLANDESTINE V. of Arab Syria, via Iraq 9510 6165, since 1/10 gradually discontinued anti-Syrian propaganda line, dropping them from s/on, s/off anmts 12/10. R. of Free & United Lebanon obs since 12/10 in AR on 1308, 0530-0815, 1030-1315, 1600-1850. From Ihdin, pro-former president Franjyah. VOPVOPR since 12/10 irr. on 1150 & 1120 kHz (BBC MS 19/10)

ALGERIA ROTDPR ES, fqs subject to constant variation: 1705-1800 PLO's VOPVOPR in AR 9705 9685. 1900-2000 EG EU/NAF/ME 11075 9510 7145 (last anc'd, not confirmed). 2000-2100 SP EU & NAF 11075 9510. 0003-0030 SP Voice of the Chilean Resistance 6160 (BBCMS 10/78)

ALBANIA has 2 bi-monthly magazines, in EG, FR, GM, SP, IT for US\$3.60 or equivalent, illustrated, containing what one might expect. Addr: N. Librit, Tirana (Russell Shapiro, WDXC)

naswa AWARDS reports

Dan Henderson
7921 Anfred Drive
Laurel, Maryland, 20810

November, 1978

The following report gives all awards issued during the period 1 July 1978 through 30 September 1978. All awards are listed in chronological order of issue.

AFRICAN CONTINENTAL DXPERT

Chris Lobbell

EUROPEAN CONTINENTAL DXER

Greg Danylechenko
Brett Saylor
Jack Murphy
David Benner
Chuck Mitchell
Robert Vance
Chris Lobbell
Robert I. Cate

EUROPEAN CONTINENTAL DXPERT

Onil Gionet

SOUTH AMERICAN CONTINENTAL DXER

Paul Routenburg
Chris Lobbell

NORTH AMERICAN CONTINENTAL DXER

Chris Lobbell

DXER DE PACIFICA

Rita Vernetti
Onil Gionet
Chuck Mitchell

ASIAN CONTINENTAL DXPERT

Chris Lobbell

WORLD WIDE DXER

Ewald Bartunek
Clarence Wilson
Greg Danylchenko
Robert A. Gess
Dave Twiggs
S. David Klein
Ben Radcliff
Wade Moore
Gary Biasini
Wesley Thompson
Robert I. Cate

DX CENTURION

Chuck Mitchell

EMISSORA REGIONAL DXER

Paul Routenburg

ECCLESIASTIC DXER

John M. Kapinos
S, David Klein

ARAB WORLD DXER


Paul Routenburg

SENIOR PAPUA NEW GUINEA DXER

Paul Routenburg

As you can see, this quarter indicated that not too many people are getting enough QSIs to qualify for the awards available. I do hope that all of you are in receipt of the new NASWA country list and awards pamphlet, for it is the best yet. It can be obtained from NASWA headquarters, or from the awards chairman (I have a few). I do think that it answers all questions that you may have regarding the program, although I eventually get around to answering all that you write and ask me. I do ask that if you expect to receive an answer, please enclose a SASE or a postal card. You wouldn't believe my postal bill! Well, until next month, I do hope to hear from more of you regarding awards, and get those applications in!

73 till next time,


Dan Henderson

QSL REPORT

NASWA QSL Column...for the dedicated collector.

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

Have you had this feeling

ADMIRALTY ISLANDS: Radio Manus 3905 f/d "Map" cd. In 49 wks. for ms. v/s John Isislr, Acting Station Manager. (Cannon).

AFGHANISTAN: Radio Afghanistan 15365 very nice multi-colored cd. In 5 wks. (Barto).

ALBANIA: Radio Tirana 6200 "Revolutionary" cd. in 2 mo. (E. Mill)

ALGERIA: RTVA 9685 f/d blue & white cd. In 1 mo. (Barto).

ANTIGUA: BBC 6195 cd. In 22 ds. w/ sked and forms. (Clifford).

ARGENTINA: LOL 10000 folder cd. In 156 ds. v/s Superintendent of the Naval

Observatory. (Valko). 15000 same in 6 wks. for 1 IRC. (Kapinos)...Thanks for the letter.

ASCENSION ISLAND: BBC 15260 "Bridge" cd. In 97 ds. for 1 IRC. (Farrell).

ASIATIC RUSSIA: Radio Moscow via Kenga on 11960 w/ f/d "Forest" cd. in 38 ds. (C. Hoffman).

via Petropavlovsk-Kamchatsky on 15180 in 1 mo. (Lobdell). same site for 15420 in 43 ds. (Farrell).....Glad to meet you again at the outing Chris...Sam.

AUSTRALIA: VNG 12000 exceptionally neat cd. In 37 ds. for 1 IRC. (R. Miller). same in 15 ds.

for 1 IRC. (Whitney). VLW9 9610 f/d "Map" cd. in 18 ds. for 1 IRC. (Leithner). Radio Aust-

ralla via Lyndhurst on 5995 w/ f/d "Kangaroo" cd. In 75 ds. (Clifford). via Shepparton on

17795 and on 21680 w/ "Fringe Lily" cd. in 81 ds. (Shaffer). same for 17795 in 97 ds. w/

the "Pink Rose Cone" cd. (Farrell). 17795

w/ a ltr. from Keith Glover. (Harris).

AUSTRIA: ORF 15270 Moosbrunn f/d "Shortwave

Transmitter" cd. In 2 mo. (Matthews).

BANGLA DESH: Radio Bangla Desh 15520 f/d

plain cd. In 76 ds. for 1 IRC. v/s Mabzul

ul Hosain, Director. (Blossom).

BIAFRA: NBC Enugu 6025 f/d form ltr. In 160

ds. w/ International sked. (Cannon).

BELIZE: Radio Belize 3300 yellow "Map and

Logo" cd. in 2 wks. (Klein).

BENIN: La Voix de la Revolution 4870 f/d

cd. In 28 ds. for a FR rpt. and 2

IRCS. (Danylchenko).

BONAIRE: Radio Nederland 6165 f/d "50

Anniversary" cd. In 19 ds. (Sand-

born). same in 55 ds. (Shaffer). In

75 ds. (Reitz). 6165 w/ "Staff" cd.

in @ 1 mo. (Harris). 9715 In 60 ds.

(Laird). in 15 ds. w/ f/d "Costume"

(Byron). 9770 w/ same cd. in 15 ds.

(Byron). Trans World Radio 11925

f/d cd. in 81 ds. (Ashabranner).

BOUGANVILLE: Radio North Solomons

3322.5 friendly ltr. in 38 ds. for

1 IRC. v/s Aloysius Rumina. (Klein).

BRASIL: Radio Jornal do Comercio 15145

f/d "Building" cd. in 32 ds. for a

PT rpt. and ms. v/s Arthur S. Miranda.

(C. Hoffman). Radio Sociedade de Feira de Santana 4865 f/d "30th Anniversary" cd. In 2 yrs.

for a PT rpt. and ms. v/s María Leuiza Caponi. (Abra-

ham). Radio Educadora 6 de Agosto 3405 (x - Radio

Xapuxá) ltr. in 3 wks. from Jose Ailton de Farias,

Director. Also rcvd. a very beautiful 21" multi-color

40th Anniversary pennant. (Barto). Radio Bandeirantes

6185 cd. in 1 mo. (Barto). Radio

Nacional de Brasília 9665 and on

11780 w/ plain white f/d cd. in

5 wks. (Barto).

BULGARIA: Radio Sofia 9765 cd. in 45

ds. (Hears). 15330 w/ f/d "Pampovovo

in the Rhodopes" cd. In 40 ds.

(Fraser). same cd. in 29 ds. (Cuc-

ura). 9765 w/ f/d cd. in 47 ds.

This was the first QSL in their

new series. (Sylvester).





AUSTRIAN ARMY-TRAINING TRANSMITTER

SCHULUNGSENDER

des

Österreichischen Bundesheeres

A 1102 WIEN Gubriegerstraße 45

OEY 21 OEY 52



**Funk + Fernsehen
aus
Berlin**

SFB



**RADIO
des
VALLÉES D'ANDORRE**

TOUNEURE D'ANDORRE
C. M. 67 m. P. 11
O. C. 4758 m. 1. 1. 1. 1.

circa
1960



BYELORUSSIA: Radio Moscow via Minsk on 15150 w/ f/d cd. in 5 wks. (Kapinos).

CAMEROON: Radio Garoua 5010 f/d form ltr. in 24 wks. for a FR rpt.

and 1 IRC. v/s Ebo Zame Maurloe. (Klein). same in 170 ds.

for an EG rpt. and 2 IRCs. (Weber). same in 6 1/2 mo.

for an EG rpt. and 1 IRC. (Lazarus).

CANADA: CFVP 6030 f/d cd. in 3 wks. for 1 IRC.

v/s Carol Donilly. Station uses only 100 watts.

(Tuchscherer)...Very nice...Sam. CHU 14670

and on 7335 w/ f/d "Fleming" cd. in 2 wks. (Syl-

vester). CFCX 6005 Coughnawa "Studio Building"

cd. in 6 wks. for ms. (Klein). same in 89 ds. for 1

IRC. (Farrell). RCI 15325 w/ f/d "Do it Yourself" cd.

in 15 ds. (Sandborn). 5960 w/ "Satellite" cd. and a

red and white pennant in 13 ds. (Sylvester).

CHAD: Radio Tchad 4904.5 f/d "Three Scenes" cd. in 35 ds.

(Shaffer). same in 18 ds. (Valko)...Thanks for the calls.

CHILE: La Voz de Chile 15150 f/d "Diego Portales Building" cd.

in 3 yrs. for an EG rpt. v/s Gabor J. Torey H., Director.

(Sapoznikow). same in 4 1/2 yrs. for an EG/SP rpt. for ms. (Kusa-

lik). 11800 w/ f/d "Dawn at the Central Mountain" cd. in 128

ds. for an EG rpt. v/s Georges Grechnoff, Coordinator. (Clifford).

9560 f/d cd. in 3 yrs. and 11 mo. for an EG rpt. (McVicar)...Yes

patience is the word with this particular station...Sam.

COLOMBIA: La Voz de los Centauros 5955 cd. w/ verle statement in 3 wks.

for a SP rpt. and ms. (Lobdell). Emisora Ondas del Darien 6085 a very

nice ltr. w/ verle statement and info. about Turbo in 33 ds. for a SP

rpt. and ms. v/s Sr. Manuel Cardona Agudelo, Director.

New address: Carrera 45 No. 49-69, Medellin. (McVicar).

same in 18 ds. for a SP rpt. and an award. New address:

Apartado Aereo 189/1289, Medellin. (Klein)...We seem to have

two new addresses here fellas...maybe they are both correct.

CZECHOSLOVAKIA: Radio Prague 11990 f/d "Castle of Hradcany" cd.

in 5 mo. (Margrutz). same in 80 ds. for 1 IRC. (Austin). same in

33 ds. (Toope). same in 79 ds. (Ashabranner). 11990 w/ f/d "View of

Prague" cd. (Harris). 7345 w/ f/d "Hradcany" cd. in 69 ds. (Leith-

ner). 7345 and 5930 in 57 ds. (Mears). 11990 in 61 ds. w/ "Bratis-

lava" cd. (Mears).

DENMARK: Radio Denmark 15165 f/d "Radiohouse" cd.

in 18 ds. v/s B. Baug. (Danylchenko). same in

3 wks. w/ schedule. (Margrutz).

DJIBOUTI: Radio TV Djibouti 4780 cd. w/ date in 6 mo. (Gower).

This station is not reported all that often...Sam.

DOMINICAN REPUBLIC: Radio Clarin 4850 f/d cd. in 350 ds. for an

EG/SP rpt. (Weber). La Voz de la Libertad 3205 f/d ltr. in 5

mo. Also rcvd. a beautiful 18" yellow, green, blue and white

"39th Anniversary" pennant. v/s Salvador Castillo Reyes, Dir-

ector Manager. (Barto).

ECUADOR: HCJB 11915 f/d "Indian Farmer" cd. in 55 ds. (McCants). same

cd. in 6 wks. (Lobdell). HD210A 7600 personal ltr. in 4 wks. for 1

IRC. (Kapinos).

EGYPT: Radio Cairo 9475 cd.

in 72 ds. (E. Miller).

ETHIOPIA: Voice of Revolu-

tionary Ethiopia 7110

very nice ltr. from

Yohannes Rupheal, Pro-

gram Exchange Coordin-

ator in 30 ds. for an

EG rpt. and 3 IRCs.

Also rcvd. sked. (Onken).

SUPPORT NASWA - FRENCH
AND THE ENTIRE BULLETIN



Radio Berlin International

Die Stimme der Deutschen Demokratischen Republik



This is the new RBI pennant. It is basic blue.



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CONFIRMAÇÃO (Persuasion Card)

Para (To) NASWA COLUMN SUPPORTERS

Confirmamos a sua referência sobre a nossa

We hereby confirm your report on our

emissão de 26/2/59 as -

broadcast, on us -

GMT da estação CSB 52

pela qual nos confessamos muito obrigados.

for which we cordially thank you

Director

(Signature)

Emissora Católica Portuguesa

(Portuguese Catholic Radio Station)

Oldie but a goodie.

This station is

still active.

Lisboa

PORTUGAL

Frequência 6154 Kc.

Frequency 6154 Kc.

Potência 500 Watts

Power 500 Watts

Sinal de intervalo 6096

Internal signal

Horário 8:50-10:50, 12-15:00

Schedule 18:50-24 (GMT)

EUROPEAN RUSSIA: Radio Moscow via Moscow on 9530 w/ f/d cd. In 45 ds. (Farrell) 9680 In 35 ds. (Fraser). via Moscow on 15360, via Armavir on 17875 and via Tula on 17880 In 5 wks. for the EG to Africa Service. (Barto).

FINLAND: Radio Finland 15265 "Architecture" cd. In 34 ds. v/s Helena Poka. (Leithner).

FRANCE: Radio France International 15300 f/d "Eiffel Tower and Jardins du Palais de Chaillot" cd. In 58 ds. for a FR rpt. and 1 IRC. (Clifford). 17720 In @ 1 mo. (Harris).

GALAPAGOS: La Voz de Galapagos 4810 cd. of "Island Animals" In 27 ds. for a SP rpt. (Shaffer).

GEORGIAN SSR: Radio Moscow via Tbilisi on 11805 w/ f/d cd. In 5 wks (Kapinos)

GERMAN DEM. REPUBLIC: RBI 9730 via Liepzig "Four Gold Medalists" cd. in 3 mo. w/ pennant. (E. Miller). same in 4 mo. (Kapinos). 11890 In 25 ds. w/ station pennant and a ltr. (Sylvester).

GHANA: GBC 3366 f/d cd. In 280 ds. (Weber). 3350 In 39 ds. for an EG rpt. and 1 IRC. (R. Miller). 4915 w/ f/d cd. in 3 mo. w/ a few pen pal letters (Beware) for 1 IRC. (Kapinos). same In 32 ds. (Toope).

GREECE: Voice of Greece 11730 via Avlis f/d cd. In 1 mo. for an EG rpt. w/ sked. (E. Miller).

GUATEMALA: TGNA 3300 f/d "Queztlal" cd. In 87 ds. (Sylvester)

HAITI: Radio 4VEH 11835 f/d "Studio" cd. In 44 ds. for an EG rpt. and 2 IRCs. v/s Edna Beachy, QSL Secretary. (Onken). same In 16 ds. w/ ltr. (Sylvester).

HAWAII: WWH 15000 f/d cd. In 16 ds. (Lalrd). same In 3 wks. (Kapinos).

HOLLAND: Radio Nederland 15220 f/d cd. In 11 ds. (Danylich)

HONDURAS: HRVC 4820 "Map" cd. In 166 ds. (Valko). same In 56 ds. for an EG rpt. and 1 IRC. v/s Miss Ines Alvarado A., (Clifford). same In 204 ds. for a Gilfer rpt. and 1 IRC. (Dawson)...Thank you for the Alberta flower.

HUNGARY: Radio Budapest 15160 f/d orange cd. In 36 ds. for 1 IRC. (Whitney). 15225 via Jazzbereny site In 45 ds. v/s Eva Valls, Foreign Language Dept. (Byron). same In 58 ds. along with an application to join their shortwave club. (Leithner)...Stay with ours. HI...Sam.

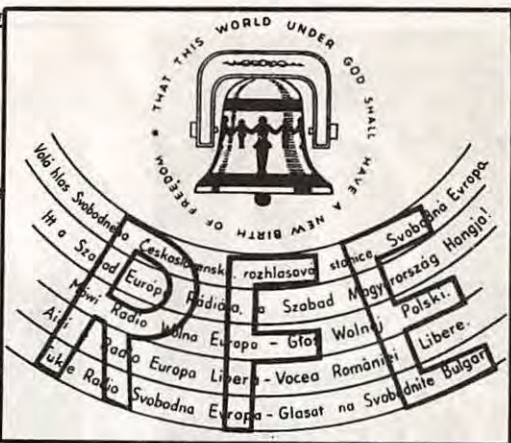
ICELAND: Gufunes Radio 12175 f/d cd. In 120 ds. for an EG rpt. and 1 IRC. (Weber).

INDIA: All India Radio 9912 via Aligarh f/d "Victoria Terminus" cd. w/ site in 7 mo. for 3 IRCs. (Kusalik). same site for 11620 in 28 wks. (Klein). 11620 in 5 1/2 mo. w/ "Chaitya Hall" cd. & sked. (Shaffer).

IRAN: Voice of Iran 15084 f/d green and gold cd. In 24 ds. w/ pennant. (Shaffer).

IRAQ: Radio Baghdad 11905 "Map" cd. In 5 wks. w/ eagle emblem for 1 IRC. (E. Miller).

ISRAEL: IBA 25605 and on 21495 w/ f/d cd. In 5 wks. w/ station sticker (Barto). 11655 w/ "Independence Day" cd. in 36 ds. (Byron). same cd. for 15485 In 54 ds. for 1 IRC. (Clifford). same for 15240 In 45 ds. (Mears).



RADIO ANDORRE

Emissions internationales
Boite Postale N° 1
ANDORRE LA VIELLE

Cher Auditeur

Nous vous accusons réception de votre aimable lettre nous donnant un compte-rendu de nos émissions diffusées sur Kels: 6530 m: 48,15

Vos renseignements nous sont très utiles et vous en remercions.

Espérant vous lire à nouveau, veuillez agréer l'assurance de nos sentiments très distingués.

RADIO ANDORRE

7°26
43°44

circa 1960
QSL

RADIO MONTE-CARLO

Principauté de MONACO

ORH: 1466 kc	205 m	10 kw	CALL 3AM2
6035 kc	49 m71	30 kw	3AM3
7140 kc	42 m02	30 kw	3AM4

7140 kc 42° 02



Bestimmt für Ihr Auto!



RADIO BREMEN

JAPAN: Radio Japan 17825 "Doll" cd. In 31 ds. (Toope). same in 3 wks. for 2 IRCs. (Kusallk). In @ 1 mo. (Harris). JJY 5000 w/ green "Costume" cd. In 4 mo. for 1 IRC. (Abraham). NSB 6055 "Wolf" cd. in 52 ds. cd. In Japanese. (Klein).

JAVA: Voice of Indonesia 11790 f/d "Puppet" cd. In 43 ds. for 2 IRCs. (Sylvester).

JORDAN: Radio Jordan 7155 f/d ltr. in 77 ds for an EG rpt. (Shaffer).

KAZAKH SSR: Radio Alma Ata 9780 German language QSL arrived in 2 mo. for an EG rpt. and 2 IRCs. v/s Georg Rau. (Lazarus).

KIRGHIZ SSR: Radio Moscow

via Frunze on 11820

cd. In 4 wks for a rpt

on the EG Service. (Ab-

raham). 17835 in 5 wks

for the EG to Africa

Service. (Barto). 17820 w/ f/d cd. in 5 wks. for the African Service. (Kapinos).

KOREAN DEM. REP: Radio Pyongyang 9977 cd., pennant, books, in 3 mo. (E. Miller).

KUWAIT: Radio Kuwait 12085 f/d folder cd. In 4 mo. (Kapinos).

LATVIAN SSR: Radio Moscow via Riga on 15140 f/d cd. In 3 wks. for EG rpt. Several of my rpts

for their non-Eg Service were rejected. (Abraham). same in 5 wks. for SEA Service (Kapinos).

LESOTHO: Voice of Lesotho

4800 f/d "Flag" cd. In

3 yrs. and 2 mo. for an

EG rpt. and 2 IRCs. Very

unexpected QSL. This is

my C/V #152. (Abraham).

LITHUANIAN SSR: Radio Vil-

nius 9600 f/d "Flower"

cd. In 98 ds (Sapoznikow)



Polskie Radio

*This is the
old style BBC
QSL card.*

**THIS
IS
LONDON**

circa pre - 1970



BBC

RADIO-TÉLÉ-LUXEMBOURG
Compagnie Luxembourgeoise de Télédiffusion

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Radio Japan

SINES: SPECIAL VERIFICATION

B&W reproduction
does not do this
this beautiful
card justice.



NOREA RADIO
 EVANGELIET TIL JORDENS ENDER
 GRENSEN 19 OSLOI

QSL Column report forms can be obtained by writing to your NASWA QSL Column Editor. Be sure to include a .15¢ or a .28¢ SASE.

ESTACION DE LA ALEGRIA
 RADIO NEDERLAND

This column and the rest of the bulletin can only be successful with your support.

LITHUANIAN SSR: Radio Vilnius 12060 f/d cd.

In 99ds. (Willever). same in 93 ds. (Fraser).

LUXEMBOURG: Radio Luxembourg 6090 Villa Louvigny "Coat of Arms" cd. In 2½ mo. (E. Miller).

MALAGASY REP: Radio Nederland 15220 f/d "Wereldomroep Building" cd. in 13 ds. (Clifford). 11740 w/ f/d "Dutch Girl" cd. in 49 ds. for 1 IRC. (Austin). 11730 w/ f/d "Satellite" cd. in 55 ds. (Shaffer).

MALAWI: MBC 3380 Blantyre blue mimeo form ltr. w/ f/d In 3 mo. for 2 IRCs. (Lobdell). same in 2 yrs. and 3 mo. for ms. and 2 IRCs.

This was after 2 follow ups. (Abraham).

MALAYSIA: Voice of Malaysia 9750 via Kuala Lumpur f/d green "Map and Logo" cd. in 65 ds. (Shaffer). 15295 via Kuala Lumpur w/ same cd. in 59 ds. for 2 IRCs. (Danylchenko). 7295 via Pulau Pinang w/ same cd. in 23 ds. for 1 IRC and an EG rpt. (Clifford).

MEXICO: Radio Mexico 15190 ltr. in 417 ds for an EG rpt. v/s L. Eduardo Lopez Castro. (Byron).

MONACO: Trans World Radio 7105 cd. in 3½ wks. for an EG rpt. and 1 IRC (E. Mii).

MONGOLIA: Radio Ulan-Bator 12070 1er). f/d blue and gold cd. in 90 ds. for an EG rpt. and 2 IRCs. Also rcvd. a very beautiful red, blue and gold pennant. A very rare QSL for me. (Onken).

NEW CALEDONIA: FR3 7170 and on 11710 f/d ltr. in 57 ds. for a FR rpt. and 2 IRCs v/s A. Dujardin. (Danylchenko). 11710 in 55 ds. for an EG ltr. and a Gilfer rpt. form and 3 IRCs. (D. W. Johnson). partial data ltr. in 40 ds. for a FR rpt. and 1 IRC (Clifford).

NEW ZEALAND: Radio New Zealand rcvd. 4 different RNZ SW Service pennants (yellow, blue, white and tan) along w/ Kiwi pin and a pendant from Gregg Bares. Thank you. Guess RNZ has the goodlies... go get em gang. (Barto). 17860 w/ f/d "30th Anniversary" cd. In 16 ds. This was card #119 out of 150 to be issued. (M. Harris).
 Read on.....



Heraldic arms of Polish Towns

Polskie Radio has some very nice QSLs at the present time.

RADIO CLUBE PORTUGUES
 SOC. ANONIMA COOPERATIVA DE RESPONSABILIDADE LIM. TADA.



SERING LUCK STRING

Radio Monte Carlo



NEW ZEALAND: Radio New Zealand

same f/d cd. In 3 wks. for 2 IRCs. This was QSL #120. (Lobdell). 17860 cd. In 15 ds. for 2 IRCs. This was QSL #136. (Prisco). 17710 same f/d cd. In 2 wks. This was cd. #10. (Shaffer). 11780 cd. In 2 1/2 wks. for 1 IRC. (E. Miller). 15130 f/d "Lake" cd. In 26 ds. for 1 IRC. w/ sked and pennant. (Sylvester).

NIGERIA: Radio TV Kaduna 6090 f/d cd. and 4 blank cds. in 33 ds. for 2 IRCs. v/s Jimmy K. Hassan (Gower). Voice of Nigeria 15120 cd. in 1 mo. for 1 IRC. (R. Miller). 11770 f/d green and white cd. in 25 ds. (Sylvester). same in 34 ds. for 1 IRC. (Clifford).

NORWAY: Radio Norway 17840 f/d "Mountain Flower" cd. In 37 ds. for 1 IRC. (Sandborn). 11895 f/d "Inlet" cd. in 26 ds. for 2 IRCs.

(Whitney). 17795 cd. In @ 1 mo. (Harris).

This station issues some of the most beautiful scenic QSL cards.

OMAN: BBC Masirah

Island 17770 cd.

w/ no site in 2 wks. (Lobdell). 11955 same cd. in 2 wks. (Barto)

Both of our reports were in accordance w/ the BBC Oman sked.

Like you Chris I'm counting this until it is proven different.

PAKISTAN: Radio Pakistan 17845 f/d "Fountain" cd. in 8 wks. (Shaffer). 17665 "Main Gate" cd. In only 11 ds. This was my QSL #39.

I'd love to give you credit. Place your name after each item...Sam.

PAPUA NEW GUINEA: NBC 4890

Port Moresby f/d "Map"

cd. In 2 mo. for 2 IRCs.

Also rcvd. sticker. (Whitney).

PERU: Radio Atlantida tney).

4790 ltr. in 93 ds. for a SP

rpt. and ms. Pennant was also

received. (C. Hoffman).

PHILIPPINES: VOA 15155 Poro f/d cd.

In 9 ds. v/s Kathy Burson (Farr-

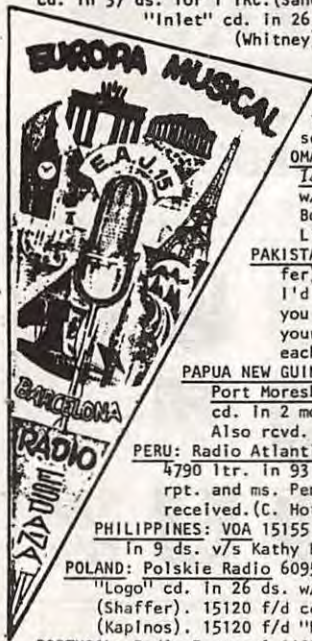
POLAND: Polskie Radio 6095 f/d ell).

"Logo" cd. In 26 ds. w/ pennant.

(Shaffer). 15120 f/d cd. in 7 wks.

(Kapinos). 15120 f/d "Runners" cd. in 74 ds. v/s Zdzislaw Frackiewicz. (Leithner).

PORTUGAL: Radio Portugal 11935 f/d cd. in 5 wks. w/ sked. (Sapoznikow).



OMA CZECHOSLOVAKIA



TéléDiffusion de France

SUPPORT NASWA



SUPPORT FRENCH

from the collection of Chris Lobdell

VERIFICATION TECHNIQUES

I would like to thank all of you for the very kind comments concerning this publication. I noticed that many of you have implemented many of the suggestions contained in the article. The beginner as well as the more experienced QSLers can make use of this publication. There are still many copies available. You can order yours from your NASWA QSL Editor for \$2.50 each. The publication is approximately 50 pages in length...Happy QSLing...Sam

SUPPORT NASWA & FRENDS



Designed by:
Jon Egerton
ENGLAND

THE VOICE OF HOPE
123 Regent Street
London W1R 7HA, England

LA VOIX DE L'ESPERANCE
Postale 5409
Paris 9e, France

STIMME DER HOFFNUNG
Am Elfengrund 66
6100 Darmstadt 13, Germany

QSL Series II: Listeners designed QSL cards

Date: 29-1-78
Hour (GMT): 2100-2129
Frequency (KHz): 9670 (3102m)
SINES
Portugal

To: T. ROLAND DESROBIERS
Your report is hereby verified as fully correct.
We would be glad to hear from you again.

DEUTSCHLANDFUNK SENDET FÜR DEUTSCHLAND UND EUROPA

PORTUGAL: Radio Portugal 17880 f/d "Native Costumes" cd.

In 27 ds. (Toope). same f/d cd. in 93 ds. for 2 IRCs. (Whitney). 11935 f/d cd. in 105 ds. for 1 IRC. (Clifford) AWR 9670 Sines f/d cd. in 2 mo. for 1 IRC. (Kapinos).

RHODESIA: RBC 3396 Gwelo large white cd. in 1 mo. for 1 IRC (Lobdell). same in 45 ds. w/ sked. (Shaffer).

RWANDA: Deutsche Welle 15410 cd. in 54 ds. (Valko). same in 16 wks. & a ltr. on their QSL policy. (Klein).

SARAWAK: Radio Malaysia 4950 Kuching f/d "Broadcasting" cd. in 3 wks. for 2 IRCs. (Abraham).

SEYCHELLES: FEBA n/d cd. in 4 mo. Sea Tortois stamps on the QSL. Seems appropriate. (Sylvester)

SINGAPORE: Radio Singapore 11940 f/d "Singapore by Night" cd. in 4 mo. for 2 IRCs. (Tuchscherer). same in 45 ds. (Sylvester). BBC RELAY 9725 n/d cd. in 80 ds. They sent me a ltr. which states...most listeners are satisfied with the present card and the extra staff needed to issue many thousands of full QSLs would be considerable. However, listeners will receive a proper QSL if they provide new and useful information about a BBC transmission. Examples are reports on reception of new frequencies, or the identity of a station which has just started to cause interference to the BBC. Thank you for this information. (R. McVicar).



RADIO NEDERLAND

Another Oldie but a goodie from the land of tulips.

We have pleasure in verifying your report on the reception of our transmission

FREQUENCY 7,490 mc/s

DATE May 4, 1958

TIME 1.40 (GMT)

Thank you very much Keep tuning in!

Keep those reports coming in gang

RADIO

Red and white
SBC sticker.

+SBC

Swiss Broadcasting
Corporation
European and
Overseas Services



Paris Calling Africa



from the collections of
G. D. Dawson and Marjorie Burns



P.O.B. 9516 - PARIS - FRANCE

SOUTH AFRICA: Voice of South Africa 11900 f/d cd. In 38 ds. (Mears). same In 22 ds. w/ f/d

"Malachte Kingfisher" cd. (Clifford). Radio RSA 5980 and 9585 and 11745 In 3 wks. (Barto).

SPAIN: Voice of Spain 6065 "Antenna" cd. in @ 1 mo. (Harris).

SRI LANKA: Sri Lanka Broadcasting Corp. 15452(?) f/d cd. in 20 ds. for an EG rpt. (M. Harris).

SWEDEN: Radio Sweden 11705 f/d "Map" cd. in 12 ds. for 1 IRC. (R. Miller). 17790 w/ "Map" cd. in @ 1 mo. (Harris).

SWITZERLAND: SBC 11715 f/d "Building" cd. in 2 mo. for 1 IRC.

After Nov. 5th the SBC is changing their name to *Swiss Radio International*. (AustIn). 6135 In 1 mo. (Mears).

TAHITI: Radio Tahiti 15170 f/d "Nudle Cutie" cd. In 73 ds. for a FR rpt. and 1 IRC.

(Onken). same cd. In 2 mo. for an EG rpt. and 1 IRC. (Abraham). same cd. In 46 ds. for an EG rpt. and 2 IRCs. (Shaffer). same cd. for 11825

In 3 mo. for a FR rpt. and 2 IRCs. (Fraser).

TAIWAN: Voice of Free China 17890 f/d "Horse Paint-

ing" cd. w/ a personal ltr. In 4 1/2 mo. for an

EG rpt. and 2 IRCs. v/s Fifi Ding (thats a new

one...Sam.) Pennant, flag and sked also rcvd.

along with magazines. (Kusalik).

TOGO: Radio Togo 5047 Lome f/d "Globe & Map" cd. In

36 ds. for a FR rpt. and 1 IRC. (Onken). Radio *Lama-Kara* 3222 w/ f/d "Emblem" cd. in 12 wks. for a FR rpt. and 1 IRC. (Klein).

TURKEY: Voice of Turkey 9515 f/d "Love and Peace in Turkish Humor" cd. In 35 ds. for 2 IRCs. Also rcvd. a station pennant. (Name please)...VOT now has 3 different pennants that I know of...Sam.



**RADIO NEDERLAND
WERELDOMROEP**



QRA 47°09'40"N 18°24'00"E

MAGYAR KIRÁLYI POSTA
ROYAL HUNGARIAN POST

SZÉKESFEHÉRVÁR HUNGARY
STATION of THE ROYAL HUNGARIAN POST

TO RADIO: J. W. Vreight
Tarrytown
UR_CRD RECD Feb 26
1976

TRANSMITTER: OUTPUT 7 KW
QRG 13.7 MC AERIAL
Kortz dip

PSE QSL VIA: BUDAPEST
RADIOLABOR. HUNGARY



JUSTICE FOR HUNGARY I

REMARKS:
MANY THANKS FOR
YOUR REPORT!

1936 QSL
from Bill
Yohana

73'S BEST DX OM:

The above pennant is from the French DX Club Ondes Courtes International Française.



ATATORK SQUARE LEFKOŞA MERSİN - 10 TURKEY

Our Ref.

Your Ref.

Mr. Samuel L. Barto,
NASWA QSL Editor,
245 Cherry Avenue, J-11,
Watertown, Conn.,
USA 06795.



Dear Sir,

Thank you for your reception report of 23/9/1978. Enclosed please find our QSL Card as requested.

As you will notice from our QSL Card our transmitter have recently been tuned to 6.150 MHz which is our actual frequency.

We would very much appreciate if you could drop us a few lines from time to time about our reception in your country.

Best regards.

(Hakki Suha.)

Director.

TURKISH FEDERATED STATE OF CYPRUS: Radio Bayrak 6282 ltr. QSL and folder from Hakki Suha, Director in 3 wks. Thanks to tip from Dan Robinson via Pitt McNeil for the logging on this one. (Barto).

UGANDA: Uganda Broadcasting Corp. 15325 f/d ltr. In 5 mo. for an EG rpt. v/s Cosma Warugaba, Controller of Programmes. Message also rcvd. from Idi Amin Dada...beautiful... (Margritz).

same in 70 ds. for 1 IRC. (Austin). in 76 ds. for an EG rpt. and 2 IRCs. (Cucura)



1979 TROPICAL BANDS MONITORING AND CONTEST

This years event has been scheduled from 0001 GMT on Dec. 30th, 1978 to 2359 GMT on Jan. 28th, 1979.

Upon receipt of an SASE, complete contest and monitoring data will be sent to you by the event coordinator.. James Young, P.O. Box 576, Wrightwood, Calif. USA. 92397

UKRANIAN SSR: Radio Moscow

via Vinnitsa on 11850 f/d cd. In 47 ds. (Farrell). via Lvov on 11750 In 46 ds. (Farrell).

Radio Kiev 11780 f/d cd. In 41 ds. (Toope).

USA WINB 15185 cd. In 3 wks. (Mears). AFRTS

Bethany 15330 cd. In 18 ds. (Mears). via Greenville on 6030 In 7 wks. (Klein). WYFR 17845 cd. In 1 wk. (Mears). 21525 w/ "World Globe" cd. In 33 ds. (McCants). VOA

Dixon 21610 cd. in 9 ds (Lobdell). Voice of the Voyager 5850 two cds. rcvd. one for a rpt. & the other for a telephone call to the station. (Kusalik)...Probably won't see too many more of these QSLs being reported...Sam.

VATICAN: Vatican Radio 6015 "Control Room" cd. In 3 wks. w/ sked. (E. Miller).

VENEZUELA: YVTO 6100 Observatorio Naval Cagigal f/d cd. in 16 ds. for a SP rpt. and ms. Also rcvd. ltr. from Jesus A. Escalona C., (Prisco). same in 415 ds. for 1 IRC and a cassette tape. (R. Miller). same in 30 ds. for a SP rpt. and ms. (C. Hoffman). same in 18 ds. for an EG rpt. (Valko). f/d cd. in 18 ds. (Sylvester). in 6 wks. for a SP rpt. and ms. (Lazarus).

Radio Nacional 15400 f/d "Flamingo" cd. in 40 ds. for an EG rpt. and 2 IRCs. v/s Charlie Nash. (Burke). Ecos del Torbes 4980 ltr. in 30 ds. for a SP rpt. and 1 IRC. from G. Gonzales Lovera, Director. Also rcvd. a 30th Anniversary station sticker. (Clifford).

VIETNAM: Voice of Vietnam 15012 f/d form ltr. in 140 ds. for an EG rpt. and 2 IRCs. (Byron).

YUGOSLAVIA: Radio Yugoslavia 9620 f/d folder cds. in 5 mo. and 3 wks. for 1 IRC. (Kapinos). 9620 n/d cd. in 3 mo. for an EG rpt. (E. Miller).



SWR

EINE
FREIE
STIMME
DER
FREIEN
WELT

Well I guess that's it for another month gang.



This month we had an even 100 countries reported by our members. This is below our normal but not too bad considering that this is the time that a great many people are returning to college or just starting school. We should pick up next month. I must admit that I like the layout of this particular column better than any other we've had. What do you think? Next month we will feature 48 mb European shortwave pirates. It promises to be very interesting...Sam.



update

November 1978 Number 30

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

(816) 931-5943 0030-0400 GMT

UPCOMING DEADLINES: 10 November (Mid-Nov) 20 November (Dec) 10 December (Mid-Dec)

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

- AUSTRIA** ORF heard on 21530 at 1258 w/ IS, EG ID, and into GM at 1300 w/ nx. Good sigs. (Bob Zilmer, WI; 10-15)
- BELIZE** R. Belize, 3285, in EG 1149 w/ talk on insect control. Miserable UTE QRM. (Jack Jones, MISS; 10-17)
- CANADA** CFRX, 6070, in EG 0906; Ontario weather, sports nx; this one rarely overcomes perpetual howl on this freq. (Jones, MISS; 10-13)
- CHILE** R. Univ. de Concepcion, in SP 1016; px annced as "Panorama Informativo." (Jones, MISS; 10-20)
- CHINA (P.R.)** PLA in CH on 3200 // 3400 w/ talks by W and poor sig at 1143+ on 18 Oct. (Bill Whitacre, MICH) +++ Peking per Young in TDXN on 4787 at 1145+ w/ CH opera. Poor sigs and UTE QRM. (Whitacre, MICH; 10-18) +++ Peking, 6225, at 2225+ w/ fair sig, wailing and excited talk by M in CH. Questionable until "East is Red" at 2230 then W in CH w/ annmmts and M w/ nx. Not // 6290 also audible this time. (Whitacre, MICH) +++ RP, 9820, in EG 1243; discussion of some sort of Chinese flute followed by music played on same. Sounded like ones I used to make out of cane stalks way back . . . Different tune though. (Jones, MISS 10-15) *** touche, Jack. tba
- COLOMBIA** LV del Norte, 4875, at 0330 w/ ID, freqs, and latin mx. (Jim Fedor, CAL)+++ R. Melodia, 6140, in SP 0926; usual rolling vibes IS, ID, MW fgy and power (30 kW), but still no mention of SW. "La Cadena Lider", TC, "La Hora Exacta." (Jones, MISS; 10-7)
- COSTA RICA** R. Univ. de Costa Rica, 6103a, in SP 0343; ID, talk. They have definitely moved up a few kHz. Het, probably with Su Pantera, 6105. (Jones, MISS; 10-14)
- EGYPT** Cairo, 15375, in EG 2100 w/ nx, comment, and mx to 2200*. (Zilmer, WISC; 10-15)
- FRANCE** RFI, 25620, in FR 1300; nx. This is a new freq and has been heard as early as 1130 and as late as 1400. Heard every morning when band is open. Good sigs sometimes. (Zilmer, WI)
- GABON** RTVG, 4777, in FR 0515; local mx, talks by W, ID at 0530 and drum mx. (Fedor, CAL)
- GHANA** GBC 2, 3366, in EG 0600 w/ ID, TCs and nx by M. (Fedor, CAL)
- GREECE** VOG, 11730, in EG w/ NAM Ser at 0020 w/ excellent sigs. (Fedor, CAL)
- GUAM** KTRW, 11810, in EG 1030-1058* w/ ID and IS. (Zilmer, WI; 10-17)
- GUATEMALA** R. Maya, 3325, in SP *1024; NA, ID, "Esta es R. Maya, transmite desde Barillas," marimba mx, Indian talks. (Jones, MISS; 10-19)
- INDIA** AIR Gauhati, 4775, in Indian like lang ("Assamese" listed) 1215+; talks by M, sometimes quite excited. (Whitacre, MICH; 10-17)
- INDONESIA** RRI Samarinda (Borneo), 3294.5 TENTATIVELY noted at 1145+ in Indo; talks by M periodically interrupted by island nx; possibly a play, local Krongcong mx and W singing, then annmmts by W, SCI, and Jakarta nx relay on hour. (Whitacre, MICH; 10-17)+++ RRI Fak Fak (Irian Jaya), 4788, in Indo 1217+ w/ fair sig and bad modulation; M talking after Jakarta nx relay. (Whitacre, MI; 10-17)
- ISRAEL** IBA heard under R. Norway on 21730 at 1200 w/ EG nx, weather, ads, "Kaleidoscope" px. This is a low power tx // with 21495 which is the main beam to NAM and Eur. (Zilmer, WI)
- JAPAN** RJ will continue to use its present sked to NAM during Nov 5 to Feb 3 period. It is: 2345-0045 on 17825, 15270; 0130-0300 on 21640, 17825, 17725, 15195. (Zilmer, WI)
- NEPAL** RN, 3425, in better than usual at 1205 18 Oct but still very weak w/ talk by M in Nepalese. (Whitacre, MICH)
- NORWAY** R. Norway, 21730, in EG 1200; nx and views style pgmng, and stronger than Israel on same freq. However, as soon as IBA goes to Yiddish or RS, they are jammed which also knocks out Norway in EG. So, at 1400 RN is now jammed. (Zilmer, WI)
- PAKISTAN** RP, 17665, in EG at 1100 w/ nx to 1115*. (Zilmer, WI; 10-13)
- PERU** R Nacional, 6082, in SP/EG 0938; EG annmct: This is the National Radio of Peru. This is mx of Peru. First time I have heard any EG on this stn. (Jones, MISS; 10-17) *** It may be the harbinger of some sort of EG px, and therefore bears further monitoring. tba
- SPAIN** SFR, 11840, in EG 2100 w/ nx, and fair sigs. (Zilmer, WI; 10-14)
- SUDAN** Omdurman, 11800, w/ AR mx to 0700, pips on hour, EG ID and nx by W. Began to fade around 0715. (Fedor, CAL)
- TIBET** Xinyang listed On 5860 and TENTATIVELY noted at 1205+ 17 Oct; W narrating play. Lang had same sound as CH but outlet was not // w/ other CH freqs. (Whitacre, MICH) *** possibly a different dialect Bill??? Seems like I recall that the Tibetans originated a lot of local pgmng. This may be one of those. tba

TOGO Lome, 5047, in FR at 0542 w/ local mx and talks by M. No sign of Cook Is. tonight.
(Fedor, CAL)

UGANDA UBC, 15325, in EG 0340 w/ Uganda Today px. Very strong and clear. (Fedor, CAL)

VATICAN Vatican R., 21485 NF, at 1115-1130 w/ EG religious px. Into lang at 1130. Fair to good sigs. (Zilmer, WI; 10-15)

VENEZUELA R. Valera, 4840, in SP 0940; ID and TC, "En R. Valera, cinco y cuarenta minutos." Fair to good. (Jones, MISS; 10-7)

Another distressingly small turnout, but some fine catches in what did come in. Tnx to all who found time to contribute. My best till next time . . .

73, *Tom*



A FRENDX classic



1973

BEING A DX'ER IS . . .

1973

- ...having your sanity questioned because you get up in the middle of the night to listen to the radio
- ...putting up your long-wanted antenna and having your neighbor say, "It'll never fly, Orville."
- ...trying to convince the postal clerk you are not kidding, you indeed do want 20 International Reply Coupons.
- ...explaining to someone you are not a ham and having him ask why you don't become a ham and be able to talk, too.
- ...breaking the news to the family you are going to spend \$500 on a radio.
- ...getting dirty looks from the postal clerk when you sign for your two-pound package of propaganda from Radio Peking.
- ...having a neighbor who likes to run his arc welder right when you are about to ID Cook Islands.
- ...having someone yell, "Telephone!" at the top of the hour.
- ...explaining to your parents you are not going out on the town with your buddies because you wish to get up at 4 am to try for this Indonesian station.
- ...blaming everyone in the house for your missing QSL and then finding it stuck in your WRTH.
- ...having your CB neighbor give you one of his "QSL" cards.
- ...being appointed the expert on all matters of electronics and electricity by other members of the family and being expected to fix the TV set any time it acts up.
- ...telling an acquaintance you listen to distant radio signals and having him tell you about a friend of his who is a ham radio operator in Hubbard Lake, Michigan, and who once talked to some guy in Ohio or maybe it was Iowa.
- ...finding bills in your mailbox when you were looking for QSL's.

(by Andy Kerr, April 73)

You really know you're a DX'er . . .

- ... When you soup up your rig and sell your car, instead of the other way around.
- ... If your wife quits worrying about where you've been all night.

Compiled by Special Features Editor
DIANE LEVESQUE

log report section

1600-4899



DAN ROBINSON

4437 Sedgwick St., N.W.
Washington, D.C. 20016
PH: (202) 966-3654
from 2200 - 0100 GMT

Picture, if you will, a gathering of DX'ers from the Washington, D.C. area comprising many varied careers and interests, combined with the presence of the Chief Washington Correspondent for the Soviet TV and Radio, and the Communications Officer from the Embassy of Sri Lanka. If you can picture

such a meeting, you will have some idea of what the first WADXA (Washington Area DX Association) DX Get Together was like. A mixture of technical radio interests relating to all wave bands, and cultural stimulation -- 23 people attended the first WADXA potluck dinner/radio session and were treated to a slide show about Sri Lanka and an engaging discussion about differences in broadcasting in the U.S.S.R. and U.S.A. with the Radio Moscow correspondent, Yuriy Solton. The next WADXA gathering should be even better!!! And the DX season should be in full swing as you read this--already there have been some excellent African and Asian days for reception. . . Jim Young announces the 1979 Tropical Bands Monitoring Contest, 0001 GMT December 30, 1978 to 2359 GMT January 28, 1979 with 5 1979 WRTVH's awarded as first prizes. Contact Jim, P.O. Box 576, Wrightwood, CA 92397..... In the mean time, support Shortwave Center! Good listening and 73.....

- 2376 PAPUA NEW GUINEA R Chimbu: 1036 in Pidgin w/island music, M DJ and mention of PNG; P reception (Johnson 9/9)
- 2428 PAPUA NEW GUINEA R New Ireland: 1008 in Pidgin w/island vocal mx, M DJ and positive EG ID at 1010 with poor/weak signals (Johnson)
- 3427 IRIAN JAYA RRI Manokwari: 1230 IN, M ancr w/tlks, MCR format and flute mx; this new stn, along with Nepal causes a het when both are audible (Godfrey 9/7 and 9/11) 1155 - 1205 IN w/Western vocals, an anmt, time pips at 1200 and into RRI mx (Lineback 10/7)
- 4775 INDIA AIR Gauhati: 1212-1214 w/w in chants, 1214 W ancr briefly in und lang, then M with closing anmt to abrupt 1215*; considerably stronger than 4800 (Shingler 10/2)

THANKS TO THE ABOVE SPOTLIGHT REPORTERS AND ALL IR-A REPORTERS THIS MONTH.....

- 2340 PAPUA NEW GUINEA R W New Britain: 1150 w/EG request pgm of rock mx, ready by M ancr; Eagles-Taken It Easy and others (Godfrey 9/9) 1050 in Pidgin w/tribal singing, M ancr, EG ID 1101, M w/rock mx (Johnson 9/9)
- * 2376 PAPUA NEW GUINEA R. Chimbu: 1202 Pidgin, pgm of rock mx w/M ancr, W vocalist w/George Harrison (Godfrey 9/9) 0946 bits of island mx audible (Shingler) Sorry, these two should have been up in SPOTLIGHT as well--DR.
- * 2390 GUATEMALA La Voz de Atitlan: 1100 caught clear ID by M in SP; just audible; (Shingler 9/24) 0105 SP, M ancr with LA mx; poor sigs but only thing on 120 meters at this time; 0.3 kW (Godfrey 9/23) 1124 SP, ID 1124 and into mx (Beu) 0139 with music; suspect Atitlan and not the Mexican (Osterman)
- 2390 MEXICO R Huayacocotla: 0125 SP, M ancr with ID 0125 and music; very good signal w/QRM possibly from Atitlan (Beu) This on 9/30.....DR
- * 2410 PAPUA NEW GUINEA R Eastern Highlands: 1206 Pidgin, M with tlk followed by Beatles (Godfrey 9/9) 1021 EG, island vocal mx, C&W, rock mx, M DJ and mention of PNG at 1031 (Johnson 9/9)
- 2428 PAPUA NEW GUINEA R New Ireland: 1058 island choral mx, then M in Pidgin with anmt (Shingler 9/24) 1230 Pidgin, pop mx w/M ancr (Godfrey 9/12) Also, should have been in SPOTLIGHT above...DR
- * 2450 PAPUA NEW GUINEA R Western Highlands: Mt. Hagen at 1105 Pidgin, M in tlk, mention of PNG, M in speech, P (Johnson)
- 2468 PAPUA NEW GUINEA R Northern District: Pidgin w/fast talk by M DJ w/rock mx, vocal pops, commercials, possible ID 1130 (Johnson) 1222 M ancr w/rock mx (Godfrey)
- 2476T CHINA Hangzhou: 1343 CH with vocal mx, F (Johnson 9/23)
- * 2490 BRAZIL UNID: 0943 to 1001 in PT; LA type mx, ID by M in PT 0949 then into more mx; more anmts by M; didn't think it was R Educ Rural as they are listed with only 250 watts and Brazilians weren't especially "hot" that morning (McVicar)
- * 2540H MEXICO R Arriba, Huatabampo/Sonora: 1205-1240 SP, IDs and TC, ads for hardware store by W, LA mx with M ancr; is 2 x 1270, station formerly "La Triunfador-Navojoa" hrd every morning w/excellent signals; thanks to my good neighbor Julio Feijoo from Cuba for his help (Godfrey 9/25)

- 2850 NORTH KOREA Pyongyang: 1230 KR M with speech or tlk, F (Godfrey 9/9)
- * 3055T JAVA RKPDT2 Sampang: 1320-1328 w/M in tlk, 1324 w/band mx; got the "Sampang" part of the ID followed by short mx and into tlk(Poppin 9/8)
- 3180 UNID: 1055-1102 stn here in Pidgin(?) with tlk by M, mx; IS 1100 and strong sigs (Valko 9/22)
- 3204 JAVA RRI Bandung: 1307 IN, mx fm Jakarta (Godfrey 9/25) 1308 IN, M&W in tlk w/children's choir singing march type mx at 1318, mention of Bandung, F sigs (Johnson 9/23) 1312 M in mx, 1324 ID "RRI Bandung (Poppin 9/30)
- 3205 BRAZIL R. Ribeirao Preto: Musical pgm with ID 0000; best of Brazilians hrd in band with 3285, 3295, 3335, 3345, and 3385 (Field 9/19)
- 3215 CELEBES RRI Manado: 1303 IN, M w/nx to 1305, M&W in tlk, EZ mx, F-G(Johnson) 1230 w/tlk, mx, not // to 4719 (Lineback 10/7) 1331 W in comment, ID 1331 with many mentions of Manado; M in mx at 1400 (Poppin 9/30) 1218 (Godfrey)
- 3220 PAPUA NEW GUINEA R Morobe: 1120 M in Pidgin, seemed like nx; weaker than other PNG stations (Shingler 9/18)
- 3222 TOGO Lama Kara: 0545 FR, chanting, mx and M ancr; G (Klein)
- 3223 SWAZILAND Radio SR: 0310-0350 EG, many IDs and TC's, ads for Kodak Cameras, Lexington and Hunter cigarettes, pop mx; W DJ (Howard) Rpt of Radio South Africa on 3220 from Klein at *0400 w/dove call, ID, rooster and into nx--dated 7/13.... They might have been using 3220 in July--at any rate that's a bit old for a rpt isn't it?--DR
- * 3223 BALI & LESSER SUNDA RRI Mataram: 1238 IN, M&W in tlk, ID 1246 (Johnson 9/23)
- * 3225 SUMATRA RRI Tanjung Pinang: 1240 IN, Man and W with tlk, (Godfrey 9/9) 1240 M in tlk, w/mx, theme mx, ID at 1300, M with mx (Johnson 9/23) 1359 ID(Poppin)
- 3225 VENEZUELA R Occidente: 0100 with three IDs (Field 9/29)
- 3230 TAIWAN BBC: Transmission to Mainland at 1232 CH, W in tlk, fair (Johnson 9/23)
- 3240 SWAZILAND TWR: 0350 in lang with religious pgm and tlks in African lang(Klein)
- 3241T SUMATRA RRI Sibolga: 1230 IN, tlks by W ancr, island and Indo mx; is not Ambon, doesn't // 4845 and Sibolga on 5260 could not be heard this day (Godfrey 9/22)
- 3250 KALIMANTAN RRI Banjarmasin: 1215 IN, M ancr with news (Godfrey 9/20)
- 3250 SOUTH AFRICA SABC: Springbok Radio from 2305-0425 w/usual ads, EG IDs and tlk (Jordan, Klein, Alexander, Sandborn, Lorz)
- 3260 PAPUA NEW GUINEA R Madang: 1125 Pidgin, lcl mx pgm with male host; ment of Madang (Klein) 1117 nx by M in Pidgin (Shingler 9/18)
- 3265 SUMATRA RRI Bengkulu: 1240 IN with W ancr and inst mx and rock (Godfrey 9/7) 1220 to 1228 IN, RRI pgm to 1225 then anmts and into lcl mx (Lineback 10/7)
- 3275 PAPUA NEW GUINEA R So Highlands: 1220 IN Pidgin w/lcl mx and anmts (Lineback) 1224 C&W and rock mx, M DJ, difficult copy (Johnson 9/5) Both RRI Medan and PNG audible, IN and Pidgin, with mx and tlk; Medan seems to be winning the battle(one of them is off freq, causing HET) (Godfrey 9/28)
- 3277T UNID: Listed in TBS for Radio Kashmir , Srinagar; hrd 1404-1444 in lang, very slow tempo violin tenor(sounds like a prayer), W there also; not Indo format though Jakarta listed this frequency (Poppin 9/30, 10/1) Suggest extreme caution be taken when distinguishing between 3275 and 3277, and again with the 2 stns on 3277...As I've said before on this freq, Jakarta and Srinagar are within 0.5 khz from each other on 3277...Of course here on ECNA, I've no way to tell for sure.DR
- 3280 ECUADOR La Voz del Napo: 1020 SP, lcl mx, M ancr with long tlk, positive ID (Klein 9/24)
- 3285 BELIZE RB: 1105 EG with pop tunes, TCs, M with ID (Klein 9/18)
- 3294T KALIMANTAN RRI Samarinda: 1223 IN, M in tlk, mx, possible ID 1230 (Johnson 9/23)
- 3300 GUATEMALA R Cultural: 0245-0400 w/religious pgms, mx and tlks(Johnson, Earhart, Dayen, Cucura, Jordan)
- 3305 PAPUA NEW GUINEA R Western, Daru: 1211 in Pidgin, tribal singing, M DJ, ID at 1222 and fair sigs (Johnson-CA 9/9)
- 3306 RHODESIA REC: 0400-0415 EG, world nx, 0410 ID "African Service of REC" and into pop music pgm (Howard-CA 9/26) 0430 in lang, African service, pops w/male DJ, not // 3396 (Klein 7/14)
- 3322 PAPUA NEW GUINEA R North Solomons: 1115 M ancr in Pidgin, followed by island mx, nice signals(Shingler 9/18) 1130 Pidgin, lcl mx, M host (Klein) 1215 w/Western pops (Lineback 10/7) 1203 island vocals, M DJ and ment of PNG (Johnson 9/9) Musical pgm at 1120 (Field)
- * 3325 KALIMANTAN RRI Palangkaraya: 1150-1232 Indonesian tlk by a W w/soft middle of road mx, into Jakarta news relay 1200, P (Gavaras 10/7) 1215 IN, nx // other outlets (Lineback) Clear ID 1408 as "Radio Republik Indonesia Palangkaraya..." and "warta berita dah-ree Palangkaraya" (Poppin 9/8)
- 3325 IRIAN JAYA RRI Jayapura: 1235 IN, pop mx; at 1239 announcer made many ments of Irian Jaya followed by cock crow at 1240-1241, back to tlk (Godfrey 9/12)
- 3325 GUATEMALA R Maya de Barillas: 1045 w/religious broadcast in Indian lang(Field) 1146 SP, M ancr with several IDs, LA and MOR mx(Godfrey 9/27) 0330* w/NA(Dayen) 1113 w/ID (Valko) 1202 w/ID by M as "R Maya" (Poppin)
- 3325 ECUADOR Ondas Quevedenas: 0840 SP, LA mx, ID 0844 (Osterman 8/30)

- 3335 PAPUA NEW GUINEA R East Sepik: 1145 Wewak hrd in Pidgin with excellent tribal singing, M DJ, chimes and ID at 1202, good sig this AM (Johnson 9/9) 1223 with W ancr and island mx, IDs and much tlk between (Godfrey 9/19) 1115 M host of 1cl mx pgm (Klein) 1210 EG tlk, C&W (Lineback 10/7) 1037-1055 w/1cl mx at good lvl along with other PNG stns that morning (Barto)
- 3345 KALIMANTAN RRI Pontianak: 1325 IN, pop, guitar, and island mx with W ancr, ID at 1330 (Godfrey 10/7) 1205 IN, RRI nx // other outlets, world nx, mentions of PNG, Nicaragua, etc. (Lineback 10/7)
- 3350 GHANA GEC: 0540 EG, African mx //4915 (Klein)
- 3355T NEW CALEDONIA Noumea: 1154 M in FR, strong under loud UTE (Shingler 10/1)
- 3360 PAPUA NEW GUINEA R Milne Bay: 1115 w/musical pgm, QRM from UNID stn which sounded CH or similar (Field 9/14) 1156 C&W mx, M in Pidgin(Shingler) 1200 in Pidgin/EG w/mx (Lineback 10/7)
- 3360 CHINA Peking: Taiwan Service 1338 CH drama w/M voices, P (Johnson 9/23)
- 3380 GUATEMALA R Chortis: 1200 SP, M with tlk and ID/LA mx (Godfrey 9/27) 1151 accordion and guitar mx, ments of Chortis (Poppin 9/20)
- 3380 ECUADOR R Irais: 0000 SP, much tlks by M, (Prath 9/12) 0115-0130 mx, tlk(Dayen)
- 3385 NEW BRITAIN R East New Britain: Rabaul here 1134 Pidgin, group singing, M ancr, mention of PNG, Fair with QRM, possibly fm Sarawak on freq (Johnson 9/9) 1110 Pidgin, island mx w/M host (Klein) 1150 w/mx (Lineback) 1056 (Valko)
- 3385 FR GUIANA FR3 Cayenne: 0500 FR, ID, armts in FR, then W in nx (Klein)
- 3385 ECUADOR R Zaracay: 1026 SP, ID and LA mx, some tlk (Valko 9/6)
- 3395 SUMATRA RRI Tanjungkarang: 1327 IN, EL mx, W with ID 1335, F (Johnson 9/23) 1235 IN, M ancr with news followed by W announcer with intro to pgm, portions of Gamesan mx and another M ancr (Godfrey 9/20)
- 3395 VENEZUELA R Universidad: 0130 SP, tlks, mx (Alexander) 0321 IDs and mx(Cucura)
- 3396 RHODESIA REC: 0406 nx by W, mention of plane crash and massacre of passengers by guerrillas, P (Osterman 9/9) 0435 M in pop and C&W mx pgm (Klein)
- 3414 SUMATRA RRI Medan: 1235 IN, M in tlk, possibly nx (Godfrey 9/8)
- 3425 NEPAL 1235-1301 Nepali, pgm of Nepali mx with M ancr, 1247 W ancr with nx; 1300 M ancr with ID and more tlk; hrd // 5007 under Sibiu (Godfrey 9/9, 9/10)
- 3839 UNID Cf LRA October: My UNID of August 15/29 is R Peking 1322-1332 in FR with ID (Poppin 9/22) So this is not Pyongyang as in last LR-A? Assume this ID is definite?--DR
- 3905 ADMIRALTY IS R Manus: 0948 EG tlk by W (Shingler 9/24)
- 3910 JAPAN FEN: 1248 EG delayed broadcast Vikings v Broncos (Godfrey 9/12) 1209(Bryan)
- 3925 JAPAN NSB: 1337 JP, M DJ with EL mx, QRM fm Port Moresby(T) (Johnson 9/9)
- 3955 SOUTH AFRICA SABC: 0510 w/Afrikaans Svc (Klein 7/13)
- 3960 SUMATRA RRI Padang: 1208 IN, M ancr with nx (Godfrey 9/7)
- 3960 GERMANY R Liberty: 0300 in RS, IS, W with ID "Govorit Radiostansiya Svoboda" Fair with jamming (Klein)
- 3980 SOUTH AFRICA SABC: 0500 with EG ads and IDs (Klein)
- 3980 GERMANY VOA Munich: 1900-2000 EG to Europe, VOA Magazine 1931 (Vance 9/6) No relation to the Sec'y of State I presume?? Welcome to LR-A..DR
- 4000 UNID: 1221 IN, M ancr with what seemed to be W in nx (Godfrey 9/8)
- 4110 NORTH KOREA VORP for Reunification: 1132 W in KR tlk (Shingler 9/18) Urumqi HS rptd by Godfrey 1235 in lang, march mx and tlks by M&W (Godfrey 9/21) Well folks, are they both there??
- 4178 ANGOLA Em. Reg. Lobito: 2201 W with nx in lang, P (Shingler 10/2)
- 4485 USSR Petropavlovsk: 1041-1044 M in RS tlks and orchestral mx; good to very good on 9/7 (McVicar) 1220 RS, M&W in conversation about RS gov't (Bryan 9/15)
- 4654T LACS Houa Phan: NRBS 1215 in lang w/man in tlk (Godfrey 9/27) Listed 100-1200 on 4657...DR
- 4680 ECUADOR R Nae Espejo: 0540 SP, LA mx, echo ID 0549, suddenly off 0551(Johnson) 0545 SP, mx w/man in IDs and echo chamber (Gunnun 9/21) Welcome to LRA..DR
- 4685 UNID: Seems to be a Russian HS here w/W in what sounds like nx 1230; could not find a // (Godfrey 9/27)
- 4719 SULAWESI RRI Ujung Pandang: 1230-1240 IN, tlk and mx (lineback) 1112 with IN tlk by M and mentions of Indonesia and Jakarta (Osterman 9/9)
- 4724a BURMA BBS: 1233 in Burmese(presumed) tlk by W to 1239, brief mx, M in tlk (Johnson 9/17) 1321 in lang, folk mx with M ancr (Godfrey 9/8)
- 4750 CAMEROUN R Bertoua: 0455-0528 FR, mostly tlk, some mx, maybe EG nx 0511(Brown) Also booming at 2200* after EG nx summary -DR
- 4750 INDONESIA UNID and unlisted noted here 1230 // 4719; strong w/armts and mx (Lineback 10/7)
- 4755 COLOMBIA Em Nuevo Mundo: 1035 SP, LA mx, M ancr (Prath) 0733 w/IDs and LA mx (Cucura) 0237 w/full ID, freq, and TC, ads (O'Shea) 0450 w/LA mx, CARACOL armts (Leonard) 0558 with ads (Johnson 9/22) 0505 music, tlks, ID (Swanson 9/23)
- 4770 VENEZUELA R Bolivar: in 1000-1030 period w/IDs and TCs and 0000-0400 with LA mx, ads, armts (8 rpters)

- 4770 NORTH KOREA Pyongyang: 1408 KR, W in tlk (Johnson 9/23)
- 4770 LIBERIA ELWA: 0700 EG, BEC rx relay, P (Osterman) 0630 w/religious pgs and mail bag until 0700 when into BEC rx (Radcliffe) 0654 (Poppin)
- 4771 BRAZIL R Rural Santarem: 0915-0930 w/drama pgm, clear ID 0930; thanks to Jerry Berg for info on freq; E (Barto 10/2)
- 4780 VENEZUELA LV Carabobo: 1005 SP, singing ID, YV mx; seems to be irregular of late (Jones 9/27)
- 4785T BRAZIL R Ribamar: 0825 PT, ID, freqs, power; am not 100% sure of ID, but sounded like Ribamar (Jones 9/30)
- 4785 COLOMBIA Ecos del Combeima: 0900-0915 SP, anmts, ads and mx (Miller)
- 4789vT IRIAN JAYA RRI Fakfak: 1115 island mx, very poor (Shingler 9/18)
- 4790 PERU R Atlantida: 0410 SP, quick tempo Latin instrumental mx, few anmts, ID 0421 (Pappas 9/26) 0310 Peruvian mx w/tlk by M (Miller) I was trying to catch the ball Nick....DR
- 4795 ECUADOR LV de los Caras: 0350 SP, pop mx, M ancr with ID; sounds like he is in a garbage can/echo chamber (Klein)
- 4800 VENEZUELA R Lara: 2330-0230 SP, LA mx, IDs, tlk (6 rpters)
- 4800 INDIA AIR Hyderabad: 1210 with subcont mx mixing w/Peking (Shingler 10/2)
- 4800 LESOTHO RL: 0409 with choral song/hymns; 0415 M with rx in lcl lang (Sesotho); corresponds to time in WRTH for mx, no EG hrd (Osterman) 0405-0410 in vern tlks by M, W ancr there too; 0411 choral hymns (Shingler 9/27)
- 4807 SAO TOME E PRINCIPE R Nacional: 2200 ID by W, then PT mx; great sig (Shingler)
- 4810 SOUTH AFRICA SABC: 0336 EG, Lexington cigarette ad by M, "Red Roses for a Blue Lady" mx (Bryan 9/21)
- 4815 COLOMBIA R Guatapuri: 0124 SP, mx and ads (Fowler) 0245 with IDs (Miller) 0143 with mx and fast IDs (O'Shea) 0445-0510 very lengthy hysterical IDs and freq anmts, ads (Jordan) 0300 with mx (Pyatt 10/3)
- 4820 HONDURAS HRVC: 0100-0455 with rel pgms in EG/SP; ID and s/off 0500(8 rpters)
- 4820T VIETNAM Ha Tuyen: 1310 VT mx, M&W in tlks, more mx, F (Johnson 9/17)
- 4820 ECUADOR R Paz y Bien: 0935 Andean instrumentals, ID in SP by M, F (Lobdell)
- 4820 ANGOLA R Nacional: 2228 African instr. mx, F/G (Shingler)
- 4825 GUATEMALA R Mam: 0247* SP, full sign/off ID sandwiched between slow blues saxophone solo (Pappas 9/19)
- 4832 COSTA RICA R Reloj: 1000-1130 and 0400-0750 with the usual, LA mx, IDs, TCs, and one Radio Capital ID also used (7 rpters)
- 4835 SARAWAK RM Kuching: 1400 ID by M in Malay dialect as "Inilah Radio Malaysia Kuching..." and mention of Berita (news); back to flute mx (Poppin) 1147 in lang with W DJ, commercials, strong carrier on freq; 1158 time pips 1200 (Johnson)
- 4840 VENEZUELA R Valera: 0152 SP, tlk and many IDs (O'Shea)
- 4845 MALAYSIA RM Kuala Lumpur: In lang 1404-1412; 1404 M in rx in lang to 1410 ID "Inilah Radio Malaysia Kula Lumpur..."; back to comments, second ID (Poppin 9/22) 1440 Indian lang, W DJ with Indian pop mx; ID 1500, time pips (Johnson 9/17)
- 4845 BOTSWANA RB: 0354 with cow bells IS, *0358 chorus, M in tlk (Osterman 9/28)
- 4845 MOLUCCAS RRI Ambon: 1326 IN, C&W inst mx and some folk mx w/W ancr; excellent, better than Sorong on 4875 (Godfrey 9/8) 1215 to 1240 w/RRI mx to 1225 then lcl anmt and mx (Lineback)
- 4845 COLOMBIA R Bucaramanga: 0340 EG/SP, language lesson, then SP tlk (Klein) 0306 with ID, nice mx (Noonan 9/24) Welcome to IRA..DR
- 4845 MAURITANIA Rdf Nationale: 0620 AR, M in chants (Klein) Chants by M (Radcliffe) 0703 with M in FR comments (Poppin)
- 4850 SURINAM SRS: 0200 to 0332 * and 0845-0903, ID, US pops, Tlk in Dutch (8 rpters)
- 4850 VENEZUELA R Capital: *1000 SP, NA, ID by W, calls, freqs, names of station personnel, ancrs; SRS practically gone by this hour (Jones 9/27) 0546 with Pepsi ad and "A Gozar Ballando..." pgm (10/8 Pappas) 1005 mx and ads (Tannerwald) 1005 w/ad for Banco Mercado Agricultural and Pepsi, TC (McVicar)
- 4850 CAMEROON Yaounde: 2202 FR rx //4972 until end of rx only, then into separate pgms (Lobdell) 2210 with mx and FR tlks (Earhart)
- 4856v SUMATRA RRI Palembang: 1429 w/ID "Radio Republik Indonesia Palembang, berita" (Poppin 9/22) 1203 IN, M DJ with rx to 1215, ID 1216, F (Johnson)
- 4855 BRAZIL RC do Para: 0332 PT; U.S. soul and disco mx, frequent IDs (Pappas 9/20) 0820 with fast tlk by M (Miller 9/28)
- 4860 VENEZUELA R Maracaibo: 2350 SP, LA mx, ID and TC (Prath) 0330 TCs, IDs, LA mx, ballads (Miller) 1050 with rx (Field)
- 4860 PERU R Chinchayoccha: 0448 SP w/Andean mx, full ID 0501 (Pappas 9/29) 0443 w/ID and mx (Poppin)
- 4865 COLOMBIA LV del Cinaruco: 0300 SP, pops, TC, ID w/power (5kw), more mx (McVicar) 0226 with mx and ID (O'Shea) 0412 pops and CARACOL IDs (Lobdell) 0224 (Noonan) 0350 SP w/nx, relay of CARACOL net (Pappas 9/20) ID then to CARACOL (Jones 9/21)
- 4864a BRUNEI Berakas: 1248 in lang, M in tlk to 1259, mx theme and ID 1300 (Johnson)

- 4870 BENIN ORTB: 2257 FR with ID, freq, NA and 2301*(O'Shea) 2250 w/mx (Alexander) 2301* after NA (Earhart) 0415 s/on, NA and into chants (Klein) 0450 with ID and tlks (Cucura) 0530 with tlk and folk mx (Godfrey)
- 4875 COLOMBIA R Super: The following logs are just as written...0232-0259 SP, M with speech, tlks abt Colombia, bits of orch mx; 0259 notes on synthesizer and full ID as Radio Super de Medellin; frequencies and call letters given; Good but severe QRM from LV del Norte (McVicar 10/2) 0429 SP ID, rock mx, no sign of LV del Norte--this ID was R Super de Call (Lobdell 10/9) 0930 SP, Radio Super IDs and LA mx (Gallagher 9/30) 0528-0537 R Super IDs (Valko) 0648 (Cucura) LV del Norte 0503 w/many R. Super IDs, LA mx (Leonard) 0800(Prath)
- 4875 IRIAN JAYA RRI Sorong: 1210 IN, RRI mx //4980 and 4719 (Lineback) 1314 with tlks by M, mx, P (Radcliffe) 1132 IN, W in tlk, pop and lcl mx (Johnson)
- 4880 VENEZUELA R Universo: 1015 SP, LA mx, anmts, ID (Tannerwald 9/18) 2340 LA pop mx (Prath) 1117 ID (Poppin)
- 4885 COLOMBIA Ondas del Meta: 0443 SP, LA mx, ID 0457 (Fowler) 1031, ID (Valko)
- 4890 PAPUA NEW GUINEA NEC: 1005 EG, play, religious songs, MOR mx (Brown) 0800 with mx by M (Lovitt 9/25) 1248 EG w/rock mx, ads for Kodak, Honda, Sanyo (Johnson 9/9) 1214 w/Evolution of Rock pgm (O'Shea) 1227 native mx (Bryan)
- 4890T SENEGAL Dakar: 0615 in lang, M in chants with accompaniment, poss ID 0630, (Johnson 9/30)
- 4895 SARAWAK RM Kuching: 1325 in lang, M in tlk to 1329, W with ID 1330 (Johnson) 1236 in mx (Bryan)

THAT'S IT FOR NOVEMBER. . . ONE LAST NOTE IS THAT THE UNID ON 4750 HAS BEEN ID'D BY WHITACRE AS UJUNG PANDANG IN UPDATE, FREQUENCY VARIABLE 4753. . . UNTIL NEXT MONTH

73 DAN

HELPING HAND: For sale. Barlow Wadley XCR-30 Mark 2 receiver, modified with 100 kHz crystal calibrator and attenuator control. In very good condition with manual. Price \$175 ppd. Contact: Edward J. Pyatt, Apt. 202-West, 1200 Columbia Avenue, Philadelphia, PA 19122.

HELPING HAND: For sale. GAR-7 digital counter by Gilfer, as new for just \$145. Homebrew Xtal Calibrator from QST skematic w/gate, 10, 25, 50, 100 and 1000 kHz markers w/AC supply or battery operated for \$30. Also homebrew VLF Converter (0-200+ kHz) from RSGB skematic, battery operated for \$25. All include full documentation and prepaid UPS. Guaranteed!

Also wanted. Pre-1968 WRTH's for private collection. Name your price and condition! Write: Bill Whitacre, 2609 Devonshire, Lansing, MI 48910 or call (517) 482-7996.

HELPING HAND: For sale. Hallicrafters SX-100 Mark 2. A classic! Very good condition, recently aligned. With manual, Knight speaker, headphones, and frequency graphs. Certified check or money order for \$170, price includes shipping. Keith Russell, 3031 Calle Cabellero, Santa Fe, NM 87501 -- or call (not collect) 505-471-6260.

HELPING HAND: For sale. I am joining the Merchant Marine, have no family to leave my gear with, and so offer the following for sale: R4-B (11 - 60 mb). Good electrically but has my ID number engraved in cover. Best offer around \$100. SSR-1, works very nicely. Best offer around \$100. McKay Dymek DR-22. What can I say--a real pleasure to use. Best offer around \$400. McKay DA-100 active antenna. Remarkable! Best offer around \$40. You are encouraged to inspect the equipment before May 15. Contact: Bill McMullen, 7-G 555 E. William, Ann Arbor, MI 48108. Tel: 1-313-665-3943 (1130 - 1200 // 0200 - 0230 GMT).

NOTICE

An announcement on the October Headquarter's Page stated that the NASWA Country List and Awards Program booklets were still available. Even if you do not collect QSL cards or keep personal loggings you should have a copy of this publication. There is a geography lesson in the "Notes" section that is worth 28¢ postage by itself. That's all it costs...28¢ in stamps!

NOTICE

log report section

4900-6199



STEVEN WISEBLOOD

- 4900 VENEZUELA R. Juventud: 0140-0357* U.S. pop mx, M in SP w/talk (7 reporters).
4904 CHAD R. Nationale Tchadienne: 0435-0515 M in FR w/talk, Afro folk mx & drums, full ID, Poor-Fair (Dayen, Godfrey, Valko) Time:2232, sri.
4905 CHINA RP: M & W alternately in CH, mixing w/Brazil.(Shingler 9/27) Good LP, OM! -SW
4910 GUINEA LV de la Revolution: 0128-0633 FR amnts, ID, group chants, some really weird Afro local mx (Valko, Fowler, Cucura).
4910 ECUADOR Emis Gran Colombia: 0420-0512 lite Easy-Listening instrumental mx. "Programa de Amor Musica" amnt by M in SP. ID, TC's(Leonard-CO, Lineback, McVicar).
4915 GHANA GBC: 2253 M in EG w/nx. QRM de LA stn. Booming signals with my 37 metre antenna (Valko 9/23). 0550-0615 Afro chants, EG nx read by W @ 0600(Radcliffe,Cucura)
4915 CHINA Nanjing: 1110-1120 W in CH. Poor (R. McVicar 9/6).
4920 HONDURAS R. Progreso: 0410 Easy Listening mx, ID in passing. Strong (Novello-NY).
4920 AUSTRALIA ABC: Heard from 0900 f/in to 1136 w/EG tlk & nx (Lovitt, Osterman).
4920.8 ECUADOR R. Quito: 0420 M in SP, lite mx, full ID w/MW & SW freqs., ads. (Novello-NY) 1029 ID, TC, Ecuadorian mx (Valko 9/8).
4925 CHINA Haerbin (Heilongjiang): 1245 W in CH. Fair (D.W.Johnson).
4926 COLOMBIA Emis. Meridiano 70: 0221-0450 LA mx, ID, SP talk to 0500*(Lobdell-MA, Swanson). *0932 LA mx, Calls, freqs. "Muy Buenas Dias Amigos", NA, possible ID(Jones).
4932 NIGERIA NBC-Benin City: 2250-2259 Easy Listening mx,EG nx 2300-2307* (Shingler). PB
4934 KENYA VOK: M in SH w/talk, lots of mx. UTE QRM(Valko 9/22). What kind of mx?-SCW
4940 ECUADOR R. Diff. Nac. Del Ecuador: 1021-1026 Lots of ID's, Ecuadorian mx (Valko).
4940 USSR (Ukrainian SSR) Kiev: 1810-1830 W in UK w/talk. Regional HS (Vance-W.GERMANY) 0759 heard after Yaracuy s/off. Opera mx. Poor-Fair (Shingler 9/24).
4940 USSR (Kirghiz SSR) R. Frunze: Classical mx 0405, Frunze chime type IS 0415, then tlk by W in RS (Pappas 9/17). Maybe Shinglers reception also Frunze? -SCW
4940 VENEZUELA R. Yaracuy: 0025-0359* LA/U.S. pop mx, ID's after each song (Prath, Fowler). *0956 ID, calls, freqs, opening SP amnts (Jones-MS).
4943 VIETNAM Hanoi: 1130 VT talk (Wood 10/2)
4945 COLOMBIA R. Colosal: 2335-0636+ SP talk, LA mx & ID's(Cucura,Cook,Prath,Johnson).
4950 MALAYSIA-SARAWAK RM Kuching: 1400-1456+ EG mx by M;stock mkt rpt (Cook, Poppin).
4955 INDONESIA RRI Banda Aceh: 1428 Easy-Listening mx, tlk by M, semi-clscd mx(Wiseblood)
4955 SENEGAL R. Senegal: 2337-0005*pop mx and amnts by M&W in FR, NA. F-G (McVicar).
4955 COLOMBIA R. Nacional: Current LA & U.S.pop mx 2345-0000, many stn and network ID's, "....la musica cadena". Fair (Jordan 9/21). If this is on, not 50kw, maybe 1? -SCW
4960 VENEZUELA R. Sucre: 0250 L.A. pop mx (Prath 9/26).
4965 COLOMBIA R. Santa Fe: 0520-1015+ SP talk, ID's, LA mx (Valko, Cucura, D.W.Johnson).
4970 SABAH RM Kota Kinabalu: 1431 tlk by W in lang. Fair (D.W. Johnson 9/17).
4970 VENEZUELA R. Rumbos: 2330-0340 loud hard ID's, LA mx, SP nx w/chimes(Valko, Bryan, Cook, Earhart,Prath). 1016 ID's & SP talk (Valko).
4972 FRENCH GUYANA FR3 Cayenne: 0452-0456* s/off amnts in FR, electric guitar IS played once, then off. Heard in the absence of Rumbos (Pappas 9/17).
4975 COLOMBIA Ondas del Ortegua: 0959-1055 s/on amnts in SP, ID & NA, EG language lesson 1055. Very Strong, thru UTE QRM (Field, R. McVicar).
4980 INDONESIA RRI Ujung Pandang: 1155-1205 W in IN, time pipe on hr then RRI nx w/amnt of Vietnam. Fair (Lineback 9/23). (Bryan/
4980 VENEZUELA Ecos del Torbes: 0148-0348 LA mx, SP ads and amnts, ID(Earhart,Cucura,/
4985 BRAZIL R. Brasil Central: 0510-0729 pop mx, ID's, M in PT (Poppin,Leonard,Johnson).
4985 MALAYSIA RM Penang: Two women w/EG talk on abortion 1416, ID @ 1430 (D.W.Johnson).
4990 SOUTH AFRICA R.RSA: 0300 Lozi s/on, mix w/Barquisimeto (Wood-NH 8/22). 0300-0435 M in EG w/nx and cntry. Excellent (Radcliffe, Cook).
4990 CHINA Changsha (Hunan): 1106-1335 M & W in CH, CH mx (McVicar, Shingler, Johnson).
4990 VENEZUELA R. Barquisimeto: 2320 SP tlk by M, LA mx (Prath 9/12).
4990 NIGERIA NBC-Lagos: 2152-2257 pop and classical mx, EG amnts by M, drums and time signal on the hour. "nx at midnight" @ 2300, then NA to 2308* (Osterman, Earhart). Re last month UNID's on and around this freq.;twas the CENTRAL AFRICAN REPUBLIC, and not CHAD as I had guessed. sri -SCW (Wood/
5000 CENTRAL AFRICAN REPUBLIC Bangui: 2050 FR tlk and ID"La voix de l'Empire Centrafricain"
5005 MALAYSIA-SARAWAK RM Sibiu: 1203-1205 M in lang., Asian vocal mx (Shingler 10/2). 1408 M in lang w/talk, Easy-Listening mx (D.W. Johnson 9/17).
5010 SINGAPORE R.S.: 1413 EG British drama pgm. Fair-Good (D.W. Johnson 9/14).

- 5010 COLOMBIA R. Surcolombiana: 0205 Sports from "Caracol" network. Poor (Field).
0433 slow talk in SP by M, QRM de Cameroon w/chants. Fair (O'Shea). 0953-1003
R. Super ID's following SP speech by M, then "Surcolombiana" ID's (Valko).
- 5010 CAMEROON R. Garoua: 0500-0530 FR and EG nx, rhythmic chants (Dayen, Pappas).
- 5015 ASIATIC SSR Vladivostok: 1240-1404 M & W in RS w/drama, vocal mx (D.W. Johnson, Bryan)
- 5015 BRAZIL R. Cult de Cuaiaba: 0815-0840 Brazilian mx and ID's (Cucura 9/23).
- 5020 NIGER ORTN: 0528 NA by military band, ID 0530 into FR pgm (Fowler 9/9).
- 5020 COLOMBIA Ecos del Atrato: 0059-0308 LA mx, ID by M, mention of "Todelar" network,
Good with a bit of UTE QRM (McVicar, O'Shea).
- 5020 SOLOMON ISLANDS SIES: 0945-1130* MoR vocal & island mx; EG nx at 1100, into pop
mx pgm to 1129. W w/amts in EG & pidgin. NA @ 1130 (McVicar, Poppin, Valko, Onken).
- 5025nf BRAZIL R. Presidente Prudente: 2230-2247 sports pgm w/many mentions of Sao Paulo.
Possible ID at 2231. QRM (this freq is ex-5045). (Barto 10-1)
- 5025 BRAZIL R. Borborema: 0110 musical pgm (Field). 0801 ID's & pop mx w/vocals (Jones).
- 5030 SARAWAK RM Kuching: 1245 M w/nx in Bidayah (Bryan). 1401 M w/tlk in lang (Johnson).
- 5030 VEZUELA R. Reloj Continente: 0025-0500* LA mx, SP ads, TC's & ID's, M & W in SP
w/ID, Good w/QRM from SSB UTE on 5029a (Tannenwald, Jordan, Cook, D.W. Johnson).
- 5035 BRAZIL R. Aparecida: Good 2308 w/U.S. rock mx, amts by M in PT (O'Shea).
- 5035 SUDAN R. Omdurman: 2055 political AR tlk (R. Wood-NH 10/15). 0414 Koran (Shingler).
- 5040 VEZUELA R. Maturin: 0126 SP amts w/few ID's & LA mx (O'Shea). *0921 NA, band mx,
ID, call letters & frequencies, SP amts and mx. Good (Jones-MS).
- 5045t COOK ISLANDS RCI: 0309 EG nx w/mention of Papua-New Guinea by M. Vy. Poor (Osterman).
- 5045 BRAZIL R. Cult do Para: 0204-0249 fast tlk in PT by M, many ID's. Sports tlk by M
at 0249, then closing amts to 0302* (Radeliffe).
- 5046 JAVA RRI Yogyakarta: 1123-1147 pop mx and EG tlk (Osterman). 1345-1352 lite MoR mx,
ads by M&W w/echo chamber. ID at 1400 into IN nx by M (Godfrey, D.W. Johnson).
- 5047 TOGO Rdf du Togo: musical ID at 0528 into choral hymn, FR tlk & nx (Leonard, Jordan).
- 5053a SINGAPORE RS: 1348 M in EG w/cmtry, into EZ mx w/W in EG. ID @ 1400. Heavy QRM,
w/some help from the QP! (D.W. Johnson). 1503-1514 "Forecast" w/stock mkt quotations,
w/EG tlk by M, into rock mx 1512 (Poppin 9/22).
- 5055 BRAZIL R. Guanabara: 2225-2300 M in PT w/mentions of Rio, vocal pop mx, only ID at
2300. Good (Barto 10/1). M in PT w/tlk until 2320 f/out (Field).
- 5055rf COSTA RICA TIPC/Paro del Caribe: SP religious sermon & hymns, ID in SP at 0200
(Field, Godfrey). 0208 nice EZ mx, ID in SP. Good (Jones-MS). 0315-0400* religious
programming in EG, ID as "Lighthouse of the Carib.", //9645,6175 (5 reporters).
- 5057 ALBANIA Gjirokaster: *0300 NA, ID "Ju Flet Tirana", AL folk tunes. Good (Lobdell-MA).
0340 Albanian folk mx (R. Wood-NH 9/18).
- 5060j ECUADOR Sistema de Emisoras Progreso: 0230-0237 slow ballads & Andean vocals. Poor.
(O'Shea, Lobdell-MA). LA mx 0522, amts in SP, mentions of Ecuador (Leonard-CO).
- 5075 COLOMBIA R. Sutatenza: 0335-0400* local nx briefs, "Rocky" theme, then ID, jingles,
ads & SP amts by M&W w/frequency listings (Jordan). 1046-1100 EZ mx/and vocals,
TC's, ID "Esta Es R. Sutatenza, Bogota Colombia, bando tropical" (Poppin 9/11).
- 5075 CHINA RP: 1348 CH vocal mx, w/W in CH. Fair-Good (D.W. Johnson 9/23).
- 5095 COLOMBIA R. Sutatenza: 0307 amts by M in SP, ads, CW QRM (UTE?) (Earhart-PA 9/23).
- 5260 SUMATRA RRI Sibolga: 1250+ M in IN w/nx. Poor w/het (Godfrey 9/8).
- 5880 CHINA RP: 2215 CH political talk (R. Wood 10/13). Good LP, OMI -SCW
- 5886 SUMATRA RRI Pekanbaru: M in IN w/Jakarta relay nx 1302+ (Godfrey 9/8).
- 5900 CHINA FPES/PLA: *0958-1010, s/on w/ 8-note chime like interval signal, then ID by W
in CH. Long song sung by a large choir (It sounded much like the east is red, but
it wasn't, they all sound alike to me, HI) CH tlk by W, then M at 1008 (R. McVicar).
- 5950 NICARAGUA R. Nec: Noted as early as 0000 to as late as 1130, nearly every day
from 9/29 to 10/9, with classical and soft mx. SP talk w/nx & ID's. Announced
frequencies as 620 and 5950 kHz. Very excellent signal! (Gavaras). SP political
talk to 0500, ID as follows "Radiodifusora Nacional de Nicaragua....., media
potencia de 50,000 vatios" (McVicar). 2350-1231 SP tlk & lite mx (17 reporters!!!!)
- 5955 GUATEMALA TGNA: R. Cult: 0750-0800* or 0825* EZ mx & religious pgm in SP, s/off
amts in SP w/ID's, freqs., call letters & NA (Gallagher, Jones-MS).
- 5955 COLOMBIA LV del Los Centauros: 1016-1032 SP tlk & LA mx (Valko 9/15).
- 5960 USSR R.P&P: 1140 W in EG w/cmtry, quotes from "Izvestia", ID (Poppin). Vladivostok.
- 5960 CANADA CBC-NS: 2300-0000 EG radio theatre special, WC. Fields in "Poppy" (Fraser 9/4).
- 5960 ANTIGUA Dw: 0530+ EG nx & features. Good (Cook 10/3).
- 5960 CANADA RCI: EG nx and sports 0400-0405 (Hynes 9/22).
- 5965t MALAYSIA Kuala Lumpur: M & W in IN w/tlk, EZ mx to 1500. Fair (D.W. Johnson 9/23).
- 5970 SWITZERLAND SBC: 0435-0455 EG pgm "Swiss SW Merry Go-Round" (Hynes 9/25, Valko).
- 5970 DOMINICAN REP RTV Dom: 0940-1024 Many ID's, LA mx and SP tlk (E Miller, Valko).
- 5970 ASIATIC SSR MAYAK: 0737-0758 symphony orchestral mx, then M in RS "Music by....
and Soviet Composers"; Mayak "Moscow Nights" chime 0800, then M in RS "Moscow time
11:00....Mayak Information bulletins" (Poppin 9/22). list Nikolayevsk -SCW
- 5975 GREAT BRITAIN BBC: 2330-2335 ID, EG talk about Trumpets, bells (Valko 9/19).
- 5975 DOMINICAN REP RTV Dom: 0910-0930 LA mx, fast tlk by M in SP (Gallagher, Klein, Tannenwald)

- 5980 LEBANON RL: *0600 NA, M in AR w/ID, mention of Beirut, into chanting (Klein 10/6).
- 5980 PERU R. Panamericana: 1010 M&W w/nx about Latin America (E Miller).
- 5980 SOUTH AFRICA R. RSA: 0200-0225 IS, ID and freqs., wld nx and cmtry (Jordan).
- 5980 GREENLAND RG: 1013-1017 IS, ID by W in Greenlandic, then tkl by W, Poor (McVicar).
- 5980 SIERRA LEONE SLBS: 2125 ID, EG religious pgm & ad for margarine (Lobdell-MA 9-15).
2250-0000* EG mx quiz, then into PR mx pgm 2300-2330, followed by EG religious pgm,
"Words of Life", ID by W, NA, then s/off. Pair (Onken, Valko). 0658 ID by M, into
BBC nx at 0700. Fair-Good (Klein).
- 5985 U.S.A. WYFR:0137-0259 Religious mx, EG nx, ID, IS, TC, Family bible counseling,
"Finsight" pgm on body language to 0300 (Austin, Valko, McCants). 0600 EG nx by M,
verses read from the bible (Gunnum).
- 5985 MEXICO R. Mexico: 0025-0038 ID's, EZ spanish style mx (Sandborn 10/3).
- 5985 FRANCE RFI: 2200 PT at s/off (R. Wood-NH 10/3).
- 5985 ARGENTINA R. Spelldid: 2300 "Informa Spendid", booming in SP (R. Wood-NH 10/2).
- 5987 SULAWESI RRI Manado: 1345 W in IN w/ID's, MoR and lite pop mx. Vy. Good (Godfrey 9/8)
- 5995 COLOMBIA R. Calidad: M in SP 1000-1007, ballads and SP arnts. (E Miller).
- 5995 MALI Rdif. Mali: 2328-0001* drum mx & chanting, ID at s/off, NA (Valko, Radcliffe).
- 5995 AUSTRALIA RA: 1037-1215 EG World nx summary, pop mx. Good (Jordan, D.W. Johnson).
- 6000 CHINA PFBS-2: CH & Amoy *0200-1514* (BBCMS).
- 6005 CANADA CFCX Montreal: 1946-2200 Montreal baseball coverage. Good until BBC s/on at
2200 (Radcliffe, Valko). 1130-1200 EG nx, wx, ads, traffic rpt (R Fraser 9/21).
- 6006 COSTA RICA R. Relej: 1050-1100 SP talk, LA mx & ads, ID @ 1057 (D.W. Johnson, Valko).
- 6010 VENEZUELA R. Los Andes: 0202-0206 M & W w/talk in SP. (Valko 9/11)
- 6012t ANTARCTICA APAN McMurdo: 1306-1341 50's pop mx, APRTS type arnts (Howard-CA 9/13).
- 6015 VATICAN CITY Vatican Radi: 0055-0105 chimes, EG nx //11845, 9575 (Hynes- 9/22)
- 6015 CZECHOSLOVAKIA R. Prague: IT at 2200 s/off (R. Wood-NH 9/13).
- 6020 PERU R. Victoria: 1039-1052 "Beethoven" IS, NA, ID, TC's, pop mx (Jones-MS, Onken).
- 6020 NETHERLANDS RN: *2328 IS, ID and arnts in SP (Valko 9/19).
- 6025 PORTUGAL RP: 0405 W in PT w/nx about Camp David (Bryan 9/21).
- 6030 U.S.A. APRTS: 0210+ baseball game, Yankees vs. Blue Jays (E Miller 9/29).
- 6035 LIBERIA VOA-Monrovia: 0407 M in EG w/nx about split from CHINA (Bryan 9/21).
- 6035 AUSTRALIA RA-Carnarvon: ID at 2200, into EG nx. same level as Brazil (Wood-NH 9/13)
- 6040 GERMAN DEM REP RRI: 0221+ GM arnt by W, into operatic mx (E Miller 9/29)
- 6045 BRAZIL R. Clube Paranaense: 2355 sports, echo ID, M in PT w/arnts (Field, Radcliffe).
- 6045 INDONESIA RRI Jakarta: 1130+ popular mx to 1158, then "Song of the Coconut Islands",
nx in IN at 1200. Measured on 6044.7 (Walcutt 10/7). 1320+ M in IN w/nx (Godfrey).
- 6050 NIGERIA Ibadan: 2330-0016* M in EG w/ID, listeners letters, nx brief (Jordan 9/10).
- 6055 U.S.A. UN Radio: *0545-0600* EG rpts on South Africa, 6-note IS (Jordan 9/21).
- 6055 JAPAN NSB: 1105 M in JP w/nx (R. Wood-NH 9/12).
- 6056 PERU R. Continental: 1000-1009 M in SP, ID at 1000, possible nx. Fair (Barto 9/9).
- 6065 CANADA CBS NS: 1035-1201 EG nx, tkl & ID. Strong het from Bogota (Valko, Johnson, Jones)
- 6070 VENEZUELA Ecos del Torbes: 1000 ID, lengthy SP tkl by M. QRM de SUPER (Gallagher).
- 6070 CANADA CFCX Toronto: 0020-0030 EG tkl, ads, ID & mx (Dayen 9/29). 1149-1154 EG tkl,
cmtry, mx, mention of Ontario. Poor. (Valko 9/17).
- 6080 USSR Asiatic SSR: 1120 Disco style U.S. mx, //6035. Vy. Good (Jones-MS 9/23).
- 6080 CANADA CFCX Vancouver: 0035 C&W mx w/M arnr in EG, auto ads, 10w(?). Fair (D.W.
Johnson 9/20). 1158-1200 pop mx, M in EG w/arnt and nx. Tough copy (Shingler 9/24).
- 6080 BELGIUM BRT/ORU: *0015-0100* EG nx, DX pgm, cmtry & ID. Good (6 reporters).
- 6082 PERU R. Nac: 0933 Guitar and vocal mx, splash from overmod Ondas del Darien (Jones).
- 6085 NORWAY NRK: 2250 IS, 2254 s/on, NO wx for ships in the Atlantic, avoids 6080 (as
printed in sked., to avoid BRT 6080 (R. Wood-NH 10/15)
- 6090 NIGERIA R. Kaduna: 2150 tkl in HS (R. Wood-NH 9/11).
- 6090 AUSTRALIA ABC-Sydney: 0703-0721 EG nx, ID, instrumental and opera mx (Radcliffe).
- 6090 LUXEMBOURG RL: 0042-0138 M in EG, pop mx, nx & wx (Sandborn, Dayen, E Miller, Jones).
- 6095 POLAND Polskie R.: 0200 EG at s/on w/nx & cmtry (Prath 9/26)
- 6095 MOROCCO RTM Agadir(?): 0100 TC and clear local ID for "Idhaat al-Mamlakat
al-Maghribiya fi Agadir." Is this a regional xmtr or just pgm via Network? (Wood-NH).
- 6100 YUGOSLAVIA RY: 2000-2030 W in EG w/nx, the Camp David documents... (Marable/RTLY).
- 6100 VENEZUELA VYTO Time Station: 0701-0905 time bleeps, SP time (Gallagher, Radcliffe, /
- 6103 COSTA RICA R. Univ:0300-0402* mostly Classical mx, SP arnts (Walcutt, Wood). (Jordan/
- 6105 NEW ZEALAND RNZ: 1025-1030* Mailbag, EG arnt of freqs., EZ mx (Valko, D.W. Johnson).
- 6105 MEXICO Su Pantera: 1100 s/on w/SP arnts, //1340 (Wood). *1157 only ID as XEMH(?),
SP arnts, into camp mx til 1300, then pop-rock mx w/SP ads. (Walcutt 10/2,8).
- 6115 COLOMBIA LV del Llano: 0855 SP arnts & LA pop mx (Prath 10/1).
- 6120 AUSTRALIA RA Shepparton: 1100 EG nx //5995, 11880 ect. (Wood 9/12).
- 6121 ARGENTINA R. El Mundo: 2300 SP nx "boletin sintetico de REM" (Wood-NH 10/2).
- 6125 BRAZIL R. Nac: 2345 PT sports, weak w/adjacent channel QRM on both sides (Field).
- 6130 GHANA GBC: 2110-2300 ID, EG nx by M, cmtry on Austrian relations (Lorz 9/12).
- 6130r CANADA CHNX: 1937-2136 pop mx, ID's, EG talk & wx (Valko 9/17, Lobdell-MA 9/15).
- 6135 CHINA RP: 1130 SP at s/on, into nx //11685 (Wood-NH 10/4).

- 6135 TAHITI RT: 0730-0900* FR anmts & rock mx mixed w/island mx, ID at 0900(Gallagher)
- 6140 COLOMBIA R. Melodia: 0857, M in SP w/nx. Good (Radcliffe 8/16). -Off during Sept.
- 6145 CHINA RP: SP at s/on 1100, //9820, etc. (Wood-NH 9/14).
- 6150 COLOMBIA LV del Huila: 0945-1030 LA pop mx, ID, TC's, SP anmts (Valco, Gallagher).
- 6155 PORTUGAL RP: 2220 PT talk, clear since ORP on 5945 (Wood-NH 10/13).
- 6160 COLOMBIA Emis Nueva Granada: 0656 LA vocal mx, M & W in SP w/anmts (Radcliffe 8/11)
1105-1115 M in SP w/nx summary, ammts, ad w/jingles, many ID's. Good (Jordan 10/7).
0925-1020 SP nx, ad, lively LA mx (Gallagher, D.W.Johnson, Tannenwald).
- 6160 CANADA CKZU Vancouver: 1426 EZ mx, M in EG, "CBC"ID, then nx (D.W.Johnson).
- 6165 VIETNAM VOV-Ho Chi Minh City: 1420 M w/vocal mx, W in VT. Pair w/het (D.W.Johnson).
- 6165 SWITZERLAND SEC: 0700 W in EG w/nx, feature items & ID (Klein 9/21).
- 6165 MEXICO XEW: 1105 SP nx (Field). Not widely heard in N. America. Good Catch, OM-1
- 6170 VENEZUELA R. Nac: 1019 SP ID, into anmts by W. Poor modulation (Lobdell-MA 9/22).
- 6175 COSTA RICA Faro del Caribe: 0300 SP ID, religious talk, hrd thru BEC (Wood-NH 9/29)
- 6180 ARGENTINA R. Nac: *0900 NA, ID as "R. Nacional, Mendoza", 1000 rel. pgm (Jones-MS).
- 6179.4 GUATEMALA TGW-LV del Pueblo: 0554-0606* marimba mx, SP anmts, NA (Walcutt 9/24).
1020-1205 Lively LA mx, "Chapinlandia" marimba mx, SP anmts w/morning greetings to the Americas. TC's (Wood-NH 9/21, Valco 9/12, Cook 9/8, Howard-CA 10/1).
- 6190 VENEZUELA Ecos del Torbes: 1005-1020 SP anmts, ads & pop mx (Tannenwald, McVicar).
- 6195 PERU R. Cusco: 1029 ID heard thru QRM, splash from E del Torbes, Tawantinsuyo always better than Cusco

I hope to be able to do some more DXing of my own in the 49m band next month.

*I have personally received an announcement (anmt) from Jim Young-CA, he has organized a DX contest, to be called "The 1979 Tropical Bands Monitoring & Contest". The contest will be held from DEC. 30, 1978 to JAN. 28, 1979, You may participate as either a monitor or as a contestant. The contestant who collects the most points during this period will win a 1979 WRTV. Write to James Young at P.O. Box 576, Wrightwood, CA 92397, for Details!!

Here's some details on the contest Steve mentioned.

1979 TROPICAL BANDS MONITORING and CONTEST

This years event has been scheduled from 0001 GMT December 30, 1978 to 2359 GMT January 28, 1979. It will cover slightly expanded frequencies, with all results, also expanded, mailed to all entrants upon receipt of an SASE(see below).

A. Participation:

1. Contestants send in entries: Contestants may enter in any one of the five categories; 120, 90, 75, 60 meters, or an all band entry. Each log sheet to be marked "ENTRY!". If a contestant wishes to enter the 90m contest, he may also be a monitor of any or all of the remaining bands. An all band category entry does not entitle one to be a monitor.
 2. Monitors send in loggings: Monitors may enter any one or combination of bands sending in loggings, omitting the points section column on the log sheets. Monitors will mark each log sheet "LOGGINGS". There are no prizes for monitor participants.
- B. All participants must use a logging sheet format similar to that which follows below;
- | DATE | TIME | FREQUENCY | STATION or SLOGAN, ETC. | COUNTRY | Pts | TOTAL Pts |
|--|------|-----------|-------------------------|---------|-----|-----------|
| Separate sheets must be used for each band. Actual listings need not be in frequency order, but it is suggested that each 100 kHz band segment could be separated. | | | | | | |
- C. All participants must submit the following info: full name, complete mailing address, any receiver(s) used, antenna(s), and other accessories. Your home club affiliation is requested, but not actually required. See item F.
 - D. Frequencies will be as follows: 2200 to 3100 kHz(120 meters); 3100 to 3700 kHz(90 meters); 3700 to 4500 kHz(75 meters); 4500 to 5900 kHz(60 meters). If possible state frequencies to the nearest kHz. Those with measuring equipment; please state frequencies to nearest 0.1 kHz.
 - E. Point scoring will be as follows: 2 pts for any station in one's own continent; 5 points for any station in any other continent; Separate loggings may be made of previously logged stations if by long path and will be awarded with 10 pts; state "LP" in country column. All unidentified stations will be given 1 point. Utilities can be logged such as time stations, feeders, etc., but will not be awarded with any points.
 - F. Prizes will be 1979 WRTV's awarded to the first place winners in each of the 5 categories. Certificates of merit to the first top three winners in each category for both contestants and monitors. A special certificate will be awarded the club with the highest membership/participation ratio; this the reason for mentioning your main club affiliation if you wish.
 - G. All entries must be postmarked no later than March 1, 1979 and in my hands no later than March 26, 1979 to be eligible for any prize. This applies to all participants. All entries become the property of J. Young and none will be returned.
 - H. Entering Requirements:
 1. Contestants are required to send one SASE franked with 30¢ in stamps along with a \$1.00 entry fee. Overseas(everywhere but USA) send SAE with 10 IRC's(air mail return).
 2. Monitors are not required to send any entry fee or SASE, however, if a monitor desires the list of loggings, participants, etc., an SASE(30¢ in stamps) must be enclosed with their loggings. Overseas monitors send one SAE plus 5 IRC's(air mail return).
 - I. Results to be mailed to all contestants and those monitors requesting so will be sent the entire participants name, scores, winners, and a complete list of the loggings made.
 - J. The honor system will prevail! Station ID's will not be required, but list logging will not make a 1979 WRTV yours. I can assure everyone that each entry will be carefully and completely checked. Entries and loggings from experienced DXers will help serve as guide lines in the final judgements. All results will be final!
 - K. All prizes to be awarded, furnished and guaranteed by J. Young. J. Young will not be eligible for any award or certificate. This is your contest/event; comments, suggestions, and or criticisms are welcomed.
 - L. Address all loggings, entries, requests, and/or correspondences to:

log report

NOVEMBER, 1978

section

6200-11699



TOM GAVARAS

16920 17th Ave., N. Wayzata, MN 55391



SBC
SSR
SRG

NOTICE: Just another reminder to our new members (and our more experienced members who we have not heard from recently! Hint! Hint!) that all reports for the log report sections should be sent to our Distribution Editor: Dave Walcutt, 2828 Rogerdale #108, Houston, Texas 77042. Dave's deadline is the 12th of the month, so give your reports enough time to get to his Houston QTH! If its too late to meet Dave's deadline for logging distribution, send your reports directly to the individual editors or to Update (thats what the column is there for, folks!).

A lot of excellent reports this month with loggings of Laos, Andorra, Cyprus (Bayrak Radio), Ethiopia, etc., etc! Keep them coming!!! Also, the next Scoreboard Deadline is November 15th and the spotlight will be Asia! On to the reports.....

- 6200.5 ALBANIA R. Tirana; *0330-0358* English pro communist cntry (Johnson 9/28). 2030 Italian news program. Drifting frequency w/hetrodyme (Wood 10/15).
- 6215f ANDORRA R. Andorra; 2141-2236 s/off, playing mostly exclusive US and European disco songs. DJ in Dutch every third song or so with talk to about 2210, when switched to FR, breaking in more often. At 2222 guy broke in Dutch with definite ID for Radio Andorra, and giving some numbers which sounded like the address. At 2235 gave French and Dutch IDs, and pulled the plug. Fair signals, sounding more like 10 kW then the listed 25 kW, and low audio. Presumably a test for this new frequency, as not heard the next night. (McNeil 9/28 via Tropical DX Newsletter). Great logging, Pitt! (tg).
- 6230 EGYPT R. Cairo; 0230 English ID, frequency schedule and Arabic music (Whitney 9/20).
- 6250 EQUATORIAL GUINEA R. Malabo; 2045-2259 s/off with talk in Spanish/vernaculars, African music with drums, IDs and National Anthem before sign/off. (Wood 8/17, Pineault 10/7, Shingler 10/7). If you think hearing them was tough, try getting a QSL from this station!!! (tg).
- 6280a CYPRUS (TURKISH FEDERATED STATE) Bayrak Radio; 0315-0410 Turkish with carrier and test tones. Turkish National Anthem (The March of Independence) by band at 0325, ID by man "Burasi Bayrak Radio," then another anthem. ID by lady at 0329 with frequencies given into Turkish music. Good signal on most days, although with a fair bit of Utility QRM. (McVicar 9/17-23). Thanks for all your excellent reports, Richard!! (tg).
- 6860 CHINA R. Peking; 2030 English to Europe with talk on Viet refugees (Wood 8/17).
- 6900 TURKEY Turkish State Meteorological Service; 0436-0445 Turkish talk by a man with Turkish music. Much interference from a Utility station (Valko 9/23).
- 7025 UNIDENTIFIED; 1135 Chinese talk and music. Is this Singapore? (McMullen 9/11).
-I think this might more likely be the Chinese PLA station. (tg)
- 7095 CHINA R. Peking; 1100 Chinese talk by woman with an identification (Valko 9/15).
- 7105 ASCENSION ISLAND BBC; 0635 Music request program w/male announcer in EG (Gunnum 9/22)
- 7065 ALBANIA R. Tirana; 0012 English cntry & ID. Fair w/heavy QRO CW QRM (Johnson 10/20)
2358 Interval Signal, English identification and cntry (Sandborn 10/9).
- 7075 ALBANIA R. Tirana; 2100 s/on French program (Wood 10/3).
- 7110 ETHIOPIA V. of the Revolutionary Ethiopia; 0327-0332 Amharic s/on with flute IS, ID by man, uneven time pips, National Anthem by band, ID (Addis Ababa can be picked out of the ID), and then what sounded like news. Very good with some ARO interference. (McVicar 10/2). Excellent logging, Dave! (tg)
- 7120 ALBANIA R. Tirana; 0130 English program (ex 7300) // 9750 kHz (Wood 9/18).
- 7125 POLAND Polish Radio; 1720-1730 s/off w/English news & music to Africa (Vance 9/18).
- 7140 MOLUCCA ISLANDS RRI Ambon; 1352-1400 s/off. Indonesian with folk music, closing announcement by lady, Love Ambon, Chimes & off. //4845 kHz (Godfrey 9/8).
- 7140 OMAN (Masirah Island) BBC; 2358-0002 English w/Bow Bells and s/on by man (McVicar 9/3)
- 7145 UNIDENTIFIED (but VERY hopefully Laos); 1055-1135 Unidentified Asian language.
1055-1100 test tone, 1100 sudden s/on like Voice of Vietnam, with march music and YL giving ID. Bit more of orchestral march music, then either OM or YL talking. From about 1115 to 1129 mostly music (often features stringed instruments, one which sounds like it is plucked, and has a twang). Songs often have vocalists, sounds a bit like chanting. 1129-1130 Break in programming. 1130 Music & OM talking. Usually fair, a bit fluttery w/ARO QRM. Ideas? (McVicar 9/7-12). - This is an excellent example of how unidentified reports should be submitted! I receive many unidentified loggings with just "talk & music in unidentified language." With details like that, it is nearly impossible for us to help you identify the station you heard! (tg).

- 7150 USSR R. Kiev; *0030-0100* English World & Ukraine news, mailbag (Fraser 9/3).
- 7170 AUSTRIA GRF; 0915 English DX Program to Europe. Noted a SWL'ing announcement put out by a DX Club in Ohio. Very good signal (Vance 9/24).
- 7170 NEW CALEDONIA R. Noumea; 0555-0805+ French ID, news and French pop music. Fair with some interference (Johnson 9/12, Wood 10/8).
- 7190t SAUDI ARABIA BSKA (Riyadh); 2120 Arabic type music. Male announcer at 2130 but no ID that I could ascertain. Announcer probably gave news. (Earhart 10/3).
- 7190 MOROCCO VOA; 1110 English cmtry about Tolstoy. Good w/Peking QRM (Johnson 9/17).
- 7210 GERMANY (WEST) DW; 0209-0220 s/off, English news, ID, freqs, address (Earhart 9/21).
- 7215 GREECE VOG; 0400 sign/on with news in Greek (Wood 10/11).
- 7225a TUNISIA RTVT; 2138 Arabic vocals then then talking by two females and a male which sounded like a Soap Opera, music, etc. Tentative! (Earhart 10/3). 0429 s/on Arabic with National Anthem by band, ID by CM, opening announcements with frequencies given, chanting. Very good (McVicar 9/21).
- 7255 NIGERIA V. of Nigeria; 0555 s/on DrumMusic, English ID, schedule, speech, pop music, etc. (Beu 10/9, Johnson 9/15, Whitaker 8/7).
- 7260 ENGLAND RCI Relay; 0312 IS, Russian ID & talk (Noonan 9/17, Wood 10/7).
- 7260 GERMANY (EAST) RFI; 1700 s/on Portuguese news & music (Vance 9/17).
- 7265 GERMANY (WEST) Sudwestfunk; 0240-0317 German news & pop music. Reception would have been good if it wasn't for WBAYUS in Mobile, Alabama and W9VVA in Munster, Indiana (hi). (Alexander 10/1, Radcliffe 8/8).
- 7270 POLAND Polish Radio; 0500 Esperanto s/on "Parolas Varsovio, naskiguro de Esperanto." (Wood 10/11) 0200 Interval Signal, English ID, TC & News program (Sandborn 9/19).
- 7275 ITALY RAI; 0905 Interval Signal and program in Romanian. ARO QRM! (Johnson 9/12).
- 7280 INDIA AIR; 1508 Lang/EG with Sitar mx and English news at 1530. ARO QRM (Johnson 9/23)
- 7280 FRANCE RFI; 0505 French news program (Clift 9/9).
- 7295 MALAYSIA R. Malaysia; 1110 English with a light music program (Wood 9/14).
- 7325 ENGLAND BBC; 0205 English World news & Review of British Press (Thompson 9/5).
- 7345 CZECHOSLOVAKIA R. Prague; 0130 English news by woman with music (Gunnun 10/1).
- 7400 USSR Moscow First Pgm; 0500 Russian news, National music & talk (Dayen 9/26).
- 7500 AUSTRALIA WN; Time Station; 1040 English Time Pips, ID at 1045 (Gallagher 9/30).
- 7512 VIETNAM VOV (Tay Nguyen); 1159 Local music, VT talk by man & woman, etc. (Prath 10/1)
- 7590 CHINA R. Peking; 2030 English to Europe // 6860 (Wood 8/17).
- 7660 CHINA R. Peking; 2040 Polish talk on Hua's visit to Yugoslavia//9440 (Wood 8/17).
- 7850 CHINA R. Peking; 1210 Chinese talking by a man & female (Prath 10/1).
- 8000 NUMBER STATION; 0313-0320* English 5-groups numbers by woman (Valko 9/25).
- 9022 IRAN VOI; 0215+ Persian talk & vocal music (Godfrey 9/8, Thompson 8/30, Dayen 10/2).
- 9210 USSR Moscow HS; 0520 Russian (SSB) Gymnastic Lessons, music, etc. (Dayen 10/2).
- 9380 CHINA R. Peking; 2040 Italian talk on Hua's visit to Romania (Wood 8/17).
- 9390 CHINA R. Peking; 2035 Spanish news to Europe (Wood 8/17).
- 9410 ENGLAND BBC; 2330-0003 English news, talk on Sherlock Holmes, etc. (Swanson, Hynes).
- 9420 KOREA (NORTH) R. Pyongyang; 1205 Spanish talk on "Gran Lider" (Wood 10/14).
- 9423 CHINA Voice of the People of Thailand; Glandestine. 1154-1202 in Unidentified language. YL talking about Thailand, music at 1156, YL talking, orchestral mx, ID, etc. 1158-1159 Silence. 1159 IS (played four times) on chimes or celeste. ID by CM and YL at 1200, into talk and orchestral music (same tune as IS). Good to very good! Even stronger than Pyongyang on 9420! (McVicar 9/6).
- 9440 CHINA R. Peking; 2035 Polish program // 7660 kHz (Wood 8/17).
- 9460 CHINA R. Peking; 0955 English cmtry on Chinese/Vietnamese relations (Zilmer 9/16).
- 9475 EGYPT R. Cairo; 0205-0330 English news on Camp David Summit and Egyptian music. (Earhart 9/24, Hynes 9/19, Thompson 9/5, Miller 9/29, Johnson 9/12).
- 9495 USSR Moscow Home Service; 0530 Russian news program. Good signal (Dayen 10/2).
- 9500 ALBANIA R. Tirana; 0530 Portuguese IS, Identification & news (Dayen 10/2).
- 9500 LIBYA PRB; 2310-0058* Arabic speech by Qaddafi & Arabic mx (Swanson, Jordan, Johnson).
- 9500 USSR Moscow HS; 1100 Russian with non stop organ instrumental mx (Fraser 9/8).
- 9505 DOMINICAN REPUBLIC RTVD; 1200 Spanish s/off (Wood) 2150 SP talk & music (Jones).
- 9510 ALGERIA RTVA; 1800 English US style format w/DJ news at 1805 (Vance 9/8).
- 9510 ANTIGUA BBC; 2115 s/on English to Central America //15420 kHz (Wood 10/6). 0815 English talk and apologized for one minute break on 15070 (Klein 10/21).
- 9515 TURKEY VOT; 2134-2250 English news and DX Corner (Earhart 9/7, Valko 9/18).
- 9520 PAPUA NEW GUINEA NBC; 0800 English news, ads for Baby Food, etc. Excellent (Lovitt).
- 9720 SRI LANKA SIBC; 1229 English ID and music from 30-40's (Osterman 9/20).
- 9525 KOREA (SOUTH) R. Korea; 1000 IS, English ID, freq, sked, nx, cmtry & mx (Zilmer 9/16)
- 9525 POLAND Polish Radio; 0204 English cmtry on Polish industry (Kapinos 9/22).
- 9535 CANADA RCI; 0100 English ID, News, Listeners Letters, DX News (Van Stralen 9/11).
- 9535 SWITZERLAND SBC; 1315 English Jazz Panorama program, s/off 1345 (Vance 9/24).
- 9540 CZECHOSLOVAKIA R. Prague; *0100 EG ID & nx (Alexander). 2350 Spanish ID (Schumacher).
- 9545 GERMANY (WEST) DW; 0530 English news & Saturday Show (Dayes).
- 9545 SOLOMON ISLANDS SIBC; 0720 English/Pidgin pop mx, ID, news, etc. (Osterman 8/30).
- 9555 PHILIPPINES VOA (Tibang); 1600 English Identification and sign/off (Wood 10/1).
- 9560 BULGARIA R. Sofia; 0130 Spanish program s/on. Good signal (Wood 10/9).

- 9565 FINLAND R. Finland; 2359 s/off English to N. America. //1526\$ (ex 11800) (Wood 10/5).
- 9570 ROMANIA R. Bucharest; 0219-0230 English ID & tlk on DX Club (Valko 9/19, Dayer 9/14).
- 9575 FINLAND R. Finland; 1955-2001* Lang tlk into EG ID & Schedule (Valko 9/17). *2125-2132 IS, English ID, news & magazine (Osterman 9/22, Brown 9/13). 2200 Finish s/on to Europe (Wood 10/1).
- 9575 ITALY RAI; *2228 IS, Chimes, Spanish ID & News (Valko). 0105 English nx (Alexander).
- 9580 AUSTRALIA R. Australia (Shepparton); *1100-1210 English ID, Australia Tonite, wx, cmntry & pop mx (Fraser 9/12, Schumacher 9/15). 1630 English nx & mx (Swanson 9/24).
- 9585 SOUTH AFRICA RSA; *0200 EG news & DX Corner (Gunnum, Hynes). 0417 EG news & mx (Pappas).
- 9595 JAPAN NSB; 0900 Japanese w/English ads and pop music (Bluer than Blue, etc.). (Radcliffe 8/16) tentative 0615 Japanese w/fast chanting. Good (Johnson 9/14).
- 9605 SWEDEN R. Sweden; 2100 English news and panorama to Middle East (Zilmer 9/21).
- 9610 AUSTRALIA ABC (Perth); 1025 English talking and sports roundup (Whitaker 8/26).
- 9610 NORWAY R. Norway; *2255-2345+ Norwegian talk & news w/EG IDs (Johnson, Dayen).
- 9610 SOUTH AFRICA RSA; *0200 EG News, mx, etc. (Moonan, Zilmer, Wood, Woltman, Brown).
- 9620 YUGOSLAVIA R. Yugoslavia; 2200 English Identification & news (Alexander, Jones).
- 9625 GANADA CBC NS; 0430 English "Electric Circus" pgm (Johnson 9/14). 1030 EG/FR news (Miller 9/28). 1430 English Saturday Show pgm (Fraser 9/9).
- 9630 CZECHOSLOVAKIA R. Prague; 0050 English ID w/Classical music (Novello 9/18).
- 9630 PHILIPPINES VOA (Tinang); *1058 IS, English ID into Indonesian pga (Valko 9/8).
- 9630 SPAIN Spanish Foreign Radio; *0000-0030 English Panorama & Folk Corner (Fraser 9/19). 0155 English talk on Petro-Chemical exhibit in Spain (McCants 9/12). 0525-0600 English Panorama, ID, news, etc. (Johnson 9/14, Valko 9/9, Byron 9/13).
- 9645 COSTA RICA TIFC; 0358 English w/end of a religious program into ID & closing announcements at 0400. Freqs given for MW, 60, 49, 31 mb, and FM. V. Good (McVicar).
- 9645 NORWAY R. Norway; 0625 English Identification & s/off. Good signal (Johnson 9/11).
- 9645 VATICAN STATE Vatican Radio; 0620 English w/Trumpet music, ID & freq listings (including FM) (Pappas 10/8). 2043 English program with ID, Fair signal (Oshea).
- 9650 GUINEA REPUBLIC Rdf Nationale; 2245+ Vernacular talking w/wild tribal drums (Novello 9/1, Whitaker 8/19). 0735+ French talk, news & Guinean mx (Wood 10/8, Dayen 10/2).
- 9655 COLOMBIA R. Nacional; 2220 Spanish ID and Latin American pop rhythms (Jordan 9/13).
- 9655 GREECE VOG; 2105 s/on Greek program to Australia. Budapest QRM! (Wood 10/3).
- 9655 USSR R. Vilnius; 2300 English news and commentary. Heavy QRM! (Vance 9/9).
- 9660 AUSTRALIA ABC (Brisbane); 0835 EG Horse Race & Sports coverage (Radcliffe, Zilmer).
- 9660 VENEZUELA R. Rumbos; *0900 IS, Spanish ID & talk (Zilmer 9/16). 1045 SP ID & talk (Miller 9/28). 0404* Spanish with closing announcements, off after anthem (Pappas 9/26).
- 9670 AUSTRALIA R. Australia; 0750-1220 English news, club forum, "Report from Asia", etc. //9570, 11740 & 17870 (Wood, Zilmer 9/16, Woltman 9/30, Prath 9/10).
- 9670 CHINA R. Peking; 1600 English s/on to South Asia (Wood 10/1).
- 9675 POLAND Polish Radio; 0750 Polish program of talking (Wood 10/8).
- 9680 USSR R. Moscow; *2300-0000 English DX Program & Moscow Viewpoint (Fraser 9/2).
- 9685 ALGERIA RTVA; 2030 Arabic identification and music (Wood 8/17).
- 9690 ARGENTINA RAE; 0028 Spanish talk with mentions of Argentina (Valko 9/10). 0230 Spanish talking & music (Clift 9/9). 0300 English talk on economics (Jordan 9/27). 0350 English with end of news into pgm of Argentine tangos (Pappas 9/26).
- 9690 ROMANIA R. Bucharest; 2100 English talk on the economy of Romania & folk mx (Byron).
- 9695 BRAZIL R. Rio Mar; 0036 Portuguese talk w/Easy-Listening music. Bad QRM! (Valko 9/10).
- 9695 SWEDEN R. Sweden; 0230 English w/Echo mx, SCIX, Stamp pgm, etc. (Hynes, Johnson).
- 9705 ALGERIA RTVA; 0415 Arabic talking & chants (Lineback 9/6).
- 9705 BULGARIA R. Sofia; *0000-0100* English ID, News & cmntry (Fraser, Dayen, Cucura).
- 9710 ANTIGUA BBC; 1100 English World News // 11775 kHz (Zilmer 10/2).
- 9715 HOLLAND R. Nederland; *2030 IS, Spanish ID and news (Fraser 9/18).
- 9715 NETHERLAND ANTILLES R. Nederland; 0530 English with the news and usual cmntrys. Interrupted the editorials with the announcement that the newly elected Pope John Paul had died of a heart attack in Vatican City. Because of his sudden death, they felt that it would not be proper to broadcast DX Juke Box, so they played mournful music. But R. Nederland did decide to air "Dutch by Radio" before they signed off!!! Geeeeeeeeee! Very good signal, as usual (Cavaras 9/29).
- 9720 USSR R. Kiev; *0300-0328* English news, cmntry, View Point from Kiev (Jordan 9/21).
- 9720 KOREA (SOUTH) R. Korea; 1603+ English ID & News about Korea (Johnson 9/23, Wood 10/15).
- 9725 SAUDI ARABIA BSKSA (Riyadh); 2245-2301 Arabic ID, tlk & chanting (McVicar 10/2).
- 9725 SWITZERLAND SEC; 0150 English "Swiss SW Merry-Go-Round" (Hynes 9/24). 0430-0500 English ID, News, Dateline & Swiss Music (Johnson 9/14, Woltman 9/11).
- 9730 GERMANY (EAST) RBI; 0115 English commentary. Fair signal (Dayen 10/7).
- 9740 MALAYSIA BBC; 1600 English World News & Sports (Swanson 9/24, Wood 10/15, Johnson 9/23).
- 9745 IRAQ R. Baghdad; 2128+ English news on Camp David, ID, etc. (O'Shea, Jordan 9/21).
- 9750 ALBANIA R. Tirana; 0010 English talk about China (Prath). 2158 IS, EG ID & tlk (Sandborn).
- 9750 CHILE R. Minería; 1028-1105 Spanish ID & fast talking with Chilean Campo music (Jones 9/10, Barto 9/9, Miller 9/30).
- 9750 TANZANIA R. Tanzania; 1328 English news, pop music & ID (Onken 7/15).
- 9755 FINLAND R. Finland; 2330 English news w/Finland in Focus (Zilmer 9/24).

- 9755 PHILIPPINES FEBC; 1210 Russian program into German w/IDs & Relig music (Jordan 10/1).
- 9760 AUSTRALIA R. Australia; 0930 English news to Papua New Guinea (Zilmer 9/16).
- 9760 GREECE VOG; 0015 English program (Miller 10/1). 0344 Greek pop & ID (Pappas 9/26).
- 9765 GERMANY (WEST) DW; 0530 English "Insight" program about Chile (Johnson 9/14).
- 9765 USSR R. Moscow; 2100 English News, commentaries and music (Zilmer 10/1).
- 9770 AUSTRIA ORF; *0130-0150* English news on Camp David, "Austrian Musical Trip," cmntry. (Fraser 9/20, Miller 10/1, Vance 9/24, Jordan 10/2). -Since AFRTS has left 6155 kHz, the SW Panorama is now audible at 0300 Sunday GMT. They had an interesting program tonight (10/22) about Stereo AM! (tg)
- 9770 CYPRUS Cyprus Bc Corp; 2214 s/on with IS, Greek ID & news. (McVicar, Lobdell).
- 9770 HAITI 4VEH; 1100 English religious pgm//11835. Both freqs very good (Klein 10/2).
- 9775 USSR R. Peace & Progress; 0150 Spanish news & ID (Fraser 9/20).
- 9780 CHINA R. Peking; 0220 English propaganda with Chinese mx (Miller 10/1).
- 9780 KAZAKH SSR R. Alma Ata; 0200 Kazakh news with many mentions of Almaty (Wood 9/13).
- 9780 YEMEN ARAB REPUBLIC R. San'a; *0300 IS, Full Arabic ID, National Anthem into choram chants and martial music (Jordan 9/3, Klein 10/1).
- 9790 SPAIN Spanish Foreign Radio; 0753 IS, s/on Spanish to Australia//11730 (Wood 10/8).
- 9810 USSR R. Moscow; 2340 Portuguese ID with translated Russian Sports interview (Schumacher)
- 9815 CHINA R. Peking; 1131 Spanish news, music and interview (Valko 9/18).
- 9815 ISRAEL IBA; 2230 English talk about the Camp David Summit (Hynes 9/18, Gunnum 9/10).
- 9820 CHINA R. Peking; 1140 Spanish list of congrat messages (Wood 10/2).
- 9833 ISRAEL IBA; 0500 English news program read by a female (Earhart 9/9).
- 9860 CHINA R. Peking; 1120 Esperanto political talk (Wood 8/19).
- 9900 CHINA R. Peking; 2100 HA Political talking (Wood 10/3).
- 9977 KOREA (NORTH) R. Pyongyang; 1108+ English news, cmntry on S. Korea, etc. (Fraser 9/9, Lovitt 10/7, Earhart 9/11). 2300 English with usual cmntrys (Kapinos 10/3).
- 10000 ENGLAND National Physical Lab Time Station; 2010-2050 Morse Code ID as MSF every 10 minutes. Time not given. As strong as WV (Valko 9/17).
- 10010 VIETNAM VOV (Hanoi); 1000+ Vietnamese non stop talking & piano mx (Lovitt 10/7). 2205 Vietnamese talking (Wood 10/13).
- 10040 VIETNAM VOV (Hanoi); 1000-1015* English news about Asia w/China cntry (Lovitt 10/7).
- 11330 CHINA R. Peking; 0003 English talk about Camp David (Prath 10/2).
- 11350 KOREA (NORTH) R. Pyongyang; 2205 Korean news program // 9977 kHz (Wood 10/13).
- 11445 CHINA R. Peking; 1105 Unidentified talking by YL (Prath 10/1).
- 11455 CHINA R. Peking; 2205 Portuguese news to Brazil//9860 & 9965 (Wood 10/13).
- 11500 CHINA R. Peking; 2210 English news program of Political Talk to Europe (Wood 10/13).
- 11505 CHINA R. Peking; 1115 Chinese talk by a man & lady (Prath 10/1).
- 11515 CHINA R. Peking; 1130 Japanese talking (Wood 10/2, Prath 10/1).
- 11532 KOREA (NORTH) R. Pyongyang; 1840-1900 Arabic talk with music (Vance 9/24).
- 11620 INDIA AIR; 1912-2030* English Nx, mx, cmntry, Quiz Program, The Disc Review, Press Review, etc. (Lorz, O'Shea, Zilmer, Osterman, Fraser, Wood, Sandborn, Gearhart).
- 11625 ISRAEL IBA; 2245 English "Calling All Listeners" and DX Report (Hynes 9/24).
- 11650 CHINA R. Peking; 1430-1543 English news, cmntry, ID, news to Asia, etc. (Vance 9/10, Godfrey 9/8, Johnson 9/23).
- 11660 CHINA R. Peking; *1000 Russian ID and talking. A big jammer came on after the ID was given! (Klein 10/8).
- 11665 ISRAEL IBA; 0510 English news program (Woltman 9/12). 2230-2300 English news on Sadat/Begin meeting at Camp David, Focus, cmntrys, etc. (Byron 9/10, Fraser 9/19).
- 11685 CHINA R. Peking; 1230-1300* English program to N. America. "In the Peoples Commune," talk on the development of steel manufacturing in north China, etc. (Fraser 9/1, Prath 9/10).
- 11695 CHINA R. Peking; 1130 Chinese talk and local music (Klein 9/24). 2100 Italian s/on to Europe (Wood 10/3).
- 11700 DOMINICAN REPUBLIC R. Clarin; 1022 Spanish news program with an identification. Fair signal (Lobdell 9/25). 1143-1145* Spanish with an ID and s/off recording with Rudy Espinal's voice, National Anthem and off air (Klein 9/24) -If it only wasn't a recording! Rudy Espinal was definitely one of the best radio personalities on shortwave!.....I sincerely hope that those involved with radio in Dominican Republic will wisen up and return his voice to the air waves again!!! (tg). 1201 Spanish Latin American music, sung identification with frequency and power, time given, CM with program called "Buenos Dias Santo Domingo," Very good signal (McVicar 10/2).

Thank you to all who sent in reports this month!!!!

Until December! 73,

log report section

11700 & ABOVE



BOB BROWN

- 11700 DOM. REP. R. Clarin; 1140 SP, National Anthem (Wood-10/3)
11705 SWEDEN RS; 2315-2325 & 0245-0300 EG, Sweden calling DXers. //9695 (Earhart 9/18, Gunnun 10/9, Hynes 4x)
11705 Antigua/Montserrat? DW; 0815 GM, test? new freq.? //9690, 11785 (Wood)
11710 NEW CALEDONIA R. Noumea; 0915 FR, pop mx, tk. //7170 (Zilmer 9/16)
11715 VATICAN Vatican R.; 0535 IT, Latin Mass, cmntry. //11740 (Johnson 9/15)
11720 CYPRUS BBC; 1302 AR, ID, nx/tk (Bryan 9/15)
11720 CANADA CBCNS; 1400+ & 1500+EG, freq.rpt. as 6065 & 9625 s/b 9625 & 11720, rpt. all morn. (Wood 10/8)
11720 BULGARIA R. Sofia; 1600, s/on, mixed Moscow, no CBCNS (Wood 10/15)
11725 INDIA AIR; 1135 EG, px on state development, s/off 1140 (Wood 8/14)
11730 CHILE R. Nuevo Mundo; 0349 SP, ID, freq. ck. s/off (Bryan 9/24)
11730 GREECE V of Greece; 0015 EG, anniv. of Cypriot Ind. (Kadinos 10/3)
11730 USSR Tashkent; *1200 EG, IS, ID, nx. //15115, 15460 ann. (Klein 9/24) 1358-1421, ID, nx, band mx, chimes //11925 not useable, 15115 0 no trace, 15460 - no trace (Poppin 9/27)
11740 CYPRUS BBC; 0400 AR, Big Ben AR, ID, G for listed 7.5kw (Wood 9/12)
11745 ECUADOR HCJB; 1500 EG, nx /15115, 17890nf, Good, others better (Brown)
11750 VIETNAM R. HANOI; 1600 TH? s/on, Anthem, Can we in Southern New England get stns. like this then? (Wood 10/15)
11755 CHILE VOC; 1100 EG, s/on 1058 w IS, ID in SP/EG, nx/tk at 1100 (Zilmer)
11755 FRANCE RFI; 0145 FR, apparent test to Americas, DJ Show. //9565, 11870, not heard since. (Wood 9/16)
11775 CANADA RCI/BBC; 1650 EG, The daily mistakes at Sackville continue. During episode of "The Spy Who Came in From The Cold" EG switched to RS. (switch from BBCWS to RCI in RS) #2. Did not switch from 6065 to 11720 at 1300, but stayed on until 1700. (Wood 10/15)
11775 UK BBC-RS Service; 0445 EG/RS, EG, ID followed by M tk in RS (Johnson) *1100-1130 EG, "Face of Britain" road accidents (Fraser 9/1)
11780 ANTIGUA BBC; 1300 EG here on 9/16 only, back to 11775 next day (Wood)
11790a INDONESIA VOI; 1400-1530 EG ID IN mx, cmntry, lang. lessons (7 repts)
11790 AUSTRALIA RA; 0930 & 1140 EG, nx, DJ show, mix/VOA. (Wood, Zilmer)
11790 USA AFRTS-Bethany; 0400 EG, Royals/A's Baseball game. (Vance 9/14)
11790 FRANCE RFI; 1400-1430 FR, nx in FR/EG to Eur. (Vance 9/8)
11790 NETHERLANDS ANTILLES TWR-Bonair; 0100-0138 GE, Rpl., px (Gunnun 10/6)
11800 AUSTRALIA RA Shepparton; 1800-2000 EG, heard here for months but still not in RA printed sch. Nice listening (Hynes 10/9, Wood 10/1)
11800 PORTUGAL RP; 1600 PT, Sporting game of "futebol" //11925 (Wood 10/15)
11810 ITALY RAI; 0100-0120 EG, nx, Press review "Weekend" px (Gunnun, Marker)
11810 GUAM KYWR; 1055 EG, "Radio Bible Class" QRM by DW (Lobdell 10/1)
11815 JAPAN RJ; 1420-1428 EG, "Dx Corner" (Hynes 10/1) 1912, current topics ID, into JP (Bryan 9/17)
11825 AUSTRIA GRF; 0300 GM, IS, ID, BETTER THAN //6155, 9770 (Wood 10/15)
11825 AUSTRALIA RA; 1317 IN, ID, mx, "Anniversary Song, Misty (Bryan 9/15)
11835 SPAIN? R. Liberty; 2300 RS, nx, jammed (Wood 9/20)
11840 PORTUGAL RDP; 0105-0130 SR, guitar & accordian mx. tk by yl. (Jordan)
11840 ROMANIA/GERMANY RB/RBI; 0400-0415 EG, Two Warsaw Pact Allies conflict in EG to N America. RB 0400-0430, RBI 0330-0415 (15 m.ov.) (Wood)
11845 SWEDEN RS; 2100-2116 EG, Panorama to AF //9605 (Hynes & Zilmer 9/21)
11850 BULGARIA R SOFIA; 2140 EG, px on training for olympics (Reini 9/27)
11855 AUSTRALIA RA; 2300 IN, sign/on (Wood 9/16)
11855 CANADA RCI; *1900-1935 EG IS ID freq. & px's by YL (Valko 9/18)
11855 GUAM TWR; 1300 LAO, call letters in FR, light mx (Wood 9/16)
11855 SEYCHELLES FEBA; 1542-1548 EG ID Polka mx, Piano, Orch., "Kingdom of Heaven" (first for me, Seychelles-unbelievable) (Poppin 9/22)
11860 TAIWAN VOFC; 1000-1300 CH/JP, tk/cmnytr, good (Klein, Jordan, Wood)
11865 CUBA RHC; 0100 EG, to Nam. nf from RHC? (Wood 10/15)
11865 AUSTRALIA RA; 1600 EG, nx business rpt. //11880 (?ed.) (Osterman 9/25)
11880 SPAIN RNE; 0100-0600 EG, nx, mx, cmntry (5 repts) 2300 SP (Klein)
11895 AUSTRALIA RA; *2330 TAI, IS, ID in EG as px to Thailand (Novello 9/11)
11905 ITALY RAI; 0405-0410* EG, nx abt. AF //15330, 17795 anncd. (Earhart)
11915 ECUADOR HCJB; 0330-0407 EG, "Billy Graham Crusade" (Bryan, Hynes)

- 11955 GREECE ERT; 0015 EG, nx to NAM., into GK at 0023 hummy mod. ex 9655 //usual 9760, 11730 (Wood 9/17)
- 11955 MALAYSIA BRCFES; 1234-1251 EG, tk, pop mx, weak (Valko 9/18) 1700 EG nx, nice midday rec. (Wood 9/16)
- 11955 TURKEY TRT; 2130 EG, IS, ID, freq. sch. nx //9515 (Zilmer 10/1) 2100 FR, s/on, not // 7170, 9515 which was TU (Wood 10/3)
- 11955 S. KOREA RK; 1136 EG, nx, cmntry, good (s/b 11965 ?ed.) (Lobdell)
- 11960 ISRAEL IBA; 2000 EG, nx (Zilmer 9/21)
- 11965 S. KOREA RK; 1139+1330-1400 EG "KBS Magazine" nx (Earhart, Vance)
- 11975 USSR R MOSCOW; 0200 PT, ID, IS, tk (Valko 9/18)
- 11980 USSR R. Moscow; 2415-0100 SP, cmntry (Schumaker)
- 12033 VIETNAM R HANOI; 1100 SP, nx to LAM. //10040 (Wood 8/19)
- 12070 USSR RSPAP; 1305-1330* EG, Wnx to Asis, Anti U.S.prop. (Jordan 9/21)
- 12095 G. BRITAIN BBC; 1330-1345 EG, "World Radio Club" (Hynes 9/27)
- 12175 ICELAND Reykjavic R; 0910 EG, tuning tx. w/recorded tape, G, (Klein)
- 13765 BELGIUM BRVT; 1655-1700 EG, "Mailbox Feature" QRM/QSB (Schumacher)
- 13850 COLUMBIA R Nac; 1115-1315 SP, nx/cmntry, LAM mx, NAM pop mx, rcd. every morn. QRM, reg. freq. not recd. (Fraser 10/9)
- 15009 VIETNAM VOV; 1745-1855 EG, IS, ID nx, cmntry, "Vt Mailbag" mx, (4 rep.) 1700 VT (Dayen, Wood) (Reported from 15008 to 15012 ed.)
- 15045 CHINA RP, 0841 EG, nx to Aus./NZ, (Radcliff 8/11) 1000-1030 EG/CH, Chinese language lessons (Byron 9/13)
- 15060 CHINA RP; 0100-0430 EG, nx, cmntry, "Letterbox" (Marker, Dayen)
- 15070 PORTUGAL R Liberty; 0000-0100 RS ID nx. fair but jammed (Dayen 9/19)
- 15084 IRAN NIRT; 2100-2230 FG, tk, Persian mx, (Alexander 9/23, Dawson 9/3)
- 15100 LIBYA PRBS; 1545-1551* AR, AR MX s/off, (Alexander 10/1)
- 15105 GUAM TWR; 1200 Cantonese, mix w/Finland, DW (Wood 10/7)
- 15115 PHILIPPINES VOA; 2229 EG ID w/site, into VT, (Noonan 10/1)
- 15120 POLAND PR; 0200 EG EG/PL ID mx, nx, interview (Zilmer 9/19)
- 15120 VATICAN VR; 2228 CH IS (Noonan 10/1)
- 15125 ECUADOR HCJB; 0245-0305 SP, nx, mx, vocals (Jordan 8/19)
- 15130 CHILE VOC; 0035 SP, local mx, vocals (Alexander 9/28)
- 15135 USSR R Moscow; 0410 EG, Dx Program (Swanson 9/23)
- 15140 CHILE VOC; 2220-0000 EG, tk on fishing in Chile (Lobdell 9/15) nx of oil in St. of Magellan (Kapinos 9/28) spech observing anniv. of 73 revolt; times of EB bdcsts. //15175 (Whitaker 9/11)
- 15145 USA WINB; 0200 EG, Rel. px to SAM (Brown 9/30)
- 15155 S AFRICA RSA; 1900-1950 PT. CMNTRY, (Lorz 9/12) 2121 EG "DX Corner" (Zilmer 9/23); 2101 EG nx, "Saturday Night" QRM/QRN (Whitaker 9/9)
- 15155 FRANCE RFI; 1655 EG, "Paris Calling Africa" (Clift 9/26)
- 15160 MEXICO XEWV; 0300 SP, variety, ads, overmodulated (Wood 10/6 & 7)
- 15165 DENMARK RD; 1729 EG, EG announcement into DN for Greenland (Hynes 9/21)
- 15165 INDIA AIR; 2200 EG, nx, good accent //11620 (Wood 10/14)
- 15170 SOCIETY ISLANDS R. Tahiti; 0310-0320 FR/TT, IS mx vocals (Jordan); 0530-0540 FR, mx & tk, fair w/QSB (Miller 9/23); 0700-0730 TT, yk mx ID in FR/TT fair to good (Dayen 9/19)
- 15175 NORWAY RN; 1800-1830 EG, nx, tk on Camp David, to NAM (was this EG or NO ? RN bdcsts EG only on Sundays., ed.) (Gunnum 9/22); 1805 No, nx, tk EG ID & theme at s/off (D.W. Johnson 9/19)
- 15180 G BRITAIN BBC; *2000-2100 RS IS ID nx, cmntry QRM/WINB (Dayen 9/17)
- 15180 USA KGEI; 2145-2200 EG, Religious px (Dayen 9/15)
- 15180 NETH. ANTILLES TWR Bonaire; *2200 FR, ID, ID, excellent (Dayen 9/15)
- 15180 USSR RM; 0410 EG, px about China and its people (Woltman 9/14)
- 15185 USA WINB; 2200 EG ID rel.px "Through the Bible" (Marable It. 9/22)
- 15185 W GERMANY; DW; 1520-1535 RS IS ID nx, press review (Dayen 9/17)
- 15197 CHINA RP; 0300 EG, s/on to Nam. (Wood 10/13)
- 15200 EGYPT R Cairo; 1445-1501 AR, tk & AR mx, "News Music" as on RCI-HAP tapes, v poor under R Finland (McVicar 9/9)
- 15205 INDIA AIR; 1100 EG s/off to Aus/NZ (Wood 9/12)
- 15210 FINLAND RF; 1430 EG, nx to NAM (Zilmer 9/17, Marker 9/21)
- 15220 CHINA RP; 0200 EG, s/os to Nam. (Wood 10/8); 1203-1224 EG, nx, mx, cmntry, px on E. German students and housing (Earhart 9/23)
- 15220 NETHERLANDS RN; 2007 FR, Letters from U.S. (Bryan 9/17); 2045-2100 EG, "Newsline", "His & Hers" (Dayen 9/19); 2100-2105 EG Hap Report. (Hynes)
- 15240 LIBERIA VOA/UN; 2250 EG, cmntry on S.Africa & Soloman Isl. (Johnson)
- 15240 YUGOSLOVIA RY; 1530-1600 EG, Mid.East nx, current events, talk on developing countries (Lorz 9/18)
- 15250 USA VOA-Africa Service; 1930-2200* EG, "Music Time in Africa" then "Africana", then "Studio I" //3990, 6040, 17785 (Schumacher)

- 15260 CANADA RCI; 1815-1826 EG, "DX Digest" to Africa (Hynes 9/24)
 15265 FINLAND RF; 2332 EG, s/on to NAM. ex 2300, //9565 (Wood 10/9)
 15270 CHINA RP; 1315 EG, rept on Chairman's visit to Iran (Brown 9/4)
 15270 JAPAN RJ; 1300-1317 EG, nx, mx, ID, polar flutter, fair (Earhart 9/4)
 15272 URUGUAY SODRE; 2345 SP, class mx, drift from list 15275 (Wood 8/29)
 15275 UNID BBC; (location?) 1100 EG, W Sce nx, fluttery signal //BBCFES
 15305, maybe test from Singapor? (Wood 10/12)
 15280 NEW ZEALAND RNZ; 0440-0505 EG, nx, opera mx (Hynes 10/4, 6-Dayen 10/6)
 15280 USA KGET; 2156 EG, ID, ann. of px to follow, under VOA, (Noonan 10/1)
 15295 USSR RSPAP; 1429-1436 EG, ID, IS, cmntry, weak (Valko 9/9)
 15305 CHINA RP; 0430 EG, "China in Construction" px (Whitney 9/20)
 15310 JAPAN RJ; 0425 JP, nx, mx (European Service) Bryan 9/24)
 15310 NETHERLANDS RN; 1250 DT; DT songs & comedy monologues from Amsterdam
 Cabarets, excellent signal (Schumacher)
 15310 GUINEA R NAC; 2330 FR, nx, mx (Wood 9/11)
 15325 UGANDA; 0300-0400 EG, good signal-poor announcer, EG nx w/FR mixed
 in, speech by IDI Amin & idiotic cmntry (maybe one and the same);
 good mx, but poor record, (9 reporters this month)
 15325 BRAZIL R Gazeta de Sao Paulo; 0225 PT, futebol (Wood 9/15)
 15380 AUSTRIA ORP; 2125 GM, ID in 4 languages; (s/b 15385 ed.) (Noonan 10/1)
 15383 ITALY RAI; 1655 IT, IS then IT to Africa (O'Shea)
 15390 COLOMBIA R NAC (Bogota); 1045-1100 EG, SP/EG lessons Byron 9/13)
 15390 G BRITAIN BBC; 2026-2035 RM ID nx mx Lessons (Bryan 9/17)
 15405 SEYCHELLES FEBA; 0300-0307 FS, IS, ID (Lobdell, Zilmer); 0444 AR,
 rel. px, ID IS SH ID at 0445 off at 0446 (Pappas 10/6)
 15410 AUSTRALIA RA-Shepparton; 0300 EG, s/off to SE Asia (Wood 10/7)
 15415 ISRAEL IBA; 0500 EG, nx mix w/Moscow //11655, 17685 (Wood 10/15)
 15425 AUSTRALIA VLWL5; 2357 EG, nx rnd. up, QRM/SIBC at 0100 (Whitaker 9/20
 trying for Taiwan always get this); 2300-0100 EG, nx mx (Samborn 9/18)
 15425 USSR R Moscow/R Kiev; 0255-0310 EG, R.Moscow, IS ID at 0259 followed
 by R. Kiev, IS, ID at 0300; very interesting (Alexander 10/1)
 15425 G BRITAIN BBC; 2200-2209 EG, Wnx (Hynes 9/21)
 15435 TANZANIA VOT; 0455 EG, nx until s/off at 0501 very good (Wood 10/1)
 15440 USA WYFR; 1620 GM, Recorded mx (Clift 9/26)
 15465 CHINA RP; 0130-0200 EG, nx & cmntry (Gunnum 9/22)
 15470 USSR RSP & P; 1310 EG, tk abt. Chinese situation (Prath 9/10)
 15475 EGYPT R. Cairo; 1125 AR; AR mx. chants (Prath 10/1)
 15485 ISRAEL IBA; 2235 EG, nx "Calling All Listeners" (Alexander 9/24)
 15515 USSR R Moscow; 1300 EG, Roundup of events //15485, 15470 (Zilmer 9/24)
 15520 CHINA RP; 2200 QU, s/on harp mx not "East is Red" //1650 (Wood 10/13)
 2335-0000 SP, tk CH mx //17735, 17635 (Brown 9/8)*0000-0056* EG, nx,
 mx cmntry "Letterbox" (Gearhart 10/1); 0100-0156 EG, nx cmntry
 (Lorz 9/9); 0140-0201 EG, tk on Chinese Musical Instruments, polar
 flutter (Earhart)
 15521 USSR R Moscow; 1630 EG, nx tk abt Camp David (Woltman 9/19)
 15790 Possible VO Malay Rev. 0610-0640 Lang. cmntry (reference to Malaysia)
 band mx, chorus, folk songs, polka mx class mx (Poppin 9/22)
 17630 ISRAEL IBA; 1930-2315* HB, ID, nx, HB, mx (Johnson, Schumacher)
 17680 CHINA RP; 0125-0135 EG, px on origins of Peoples Republic of
 China; explanation of Na. tribute to Mao (Jordan 10/2)
 17685 ISRAEL IBA; 2000 EG, IS, ID, NX (O'Shea 9/16)
 17696 B BRITAIN BBC-Asian Service; 1300 IN, EG, ID into IN (Brown 9/4)
 17720 TAIWAN VOPC; 2215 EG, ID, CH pop mx. (Johnson 9/20)
 17735 BELGIUM ORU; *1615-1659* EG, ID, Nx to AF, (ID'd as 17735 not 17740)
 QRM from adjacent VOA (D. W. Johnson 9/30)
 17740 PHILIPPINES VOA; 2330-0000 EG, "Breakfast Show" fluttery (Brown 9/30)
 17740 SWITZERLAND SBC; 1315 EG, nx in USB //15305 in AM (Zilmer 9/30)
 17750 CANADA RCI; 1900-1930 EG, "Mailbag", "Dx Digest" (Hynes, Schumacher)
 17760 ECUADOR HCJB; 2000-2030 EG, DX program (Hynes 9/23)
 17765 USA AFRTS; 0145-0200 EG, tk abt. cameras in court rooms (Hynes 9/24)
 17770 OMAN (?) BBCWS; 1245* EG, no ID for site, Masirah listed (Lobdell 9/23)
 17790 CHILE VOC; 2000-2035 EG, nx to Eur. cmntry, SP at 2035 (Vance 9/9)
 17795 ITALY RAI; 0400 EG, nx to Mediterranean (Wood 10/11)
 17795 JAPAN RJ; 0800 EG, General Service, good (Wood 10/8)
 17810 MALAGASY REPUBLIC R Nederland; *1230 IN, ID, nx excellent (Brown 9/27)
 17810 PHILIPPINES FEBC; 004C EG, ID, nx, "Music Machine" (Novello 9/25)
 17815 BRAZIL R CUL. de SAO PAULO; 0028-0300* PT tk & mx mixed (3 repts.)
 17825 USSR R. Moscow; 0530 EG, "People & Evants" //17835, 11830, 15465 (Brown)
 17835 JAPAN RJ; 0220 EG, ID, nx, cmntry (Gallagher 10/4)
 17845 USSR R Kiev; 0030-0100 EG, Speech by Breshnev, Youth px (3 repts.)

- 17845 USA WYFR; 1730-1830 EG, ID, Religious px (Lorz 9/12)
 17855 CHINA RP; 0101 EG, nx //17680 good (Noonan 9/23)
 17860 FRANCE RF; 1741 EG, "Paris Calling Africa" (Whitney 10/1)
 17860 CHINA RP; 0000 EG, nx (Kapinos 10/3)
 17860 NEW ZEALAND RNZ; 0252&0300 EG, mx, nx cmntry, comedy skit, at times the audio on this station comes in like FR (5 reporters); fantastically clear; excellent entertainment. (Poppin)
 17870 USA WYFR; 1737-1755 EG, MX, Bible px, ID, Health tips (McCants9/8)
 17870 LIBERIA VOA Monrovia; 1930-2999 GE, to AF, "Request Time" (Vance 9/9)
 17880 PORTUGAL RP; 1815-1830 EG, ID, mx, Sea faring history, (Lorz 9/12);
 17880 PT, mx w/DJ, nx ID, px to Africa (D. W. Johnson 9/19)
 17880 MALASIA BBC; 0005-0035 EG, DI, nx Radio Newsreel (Brown 10/1)
 17885 MALASIA BCBCTES; 0800 EG, WSce nx (Wood 10/8)
 17890 ECUADOR HJJB; 1510-1520 EG, Religious music & px, write in October and receive a 79 calendar. (Alexander 10/1, Clift 9/26)
 17900 VATICAN VR; 1700-1715 EG, Museum tours and nx, to Africa (Hartsell)
 18080 UK BBC; 1515 URDU, nx (Clift 9/26)
 21465 EGYPT R Cairo; 1307-1310 AR, tk, AR mx. good but fuzzy mod. (McVicar)
 21525 HUNGARY RB; 1120 TU(?) s/on, nx (Wood 9/19)
 21530 SAUDI ARABIA BSKSA; 1305 AR, chants, QRM/SBC on 21520 (McVicar 9/15)
 21550 SWEDEN RS; 1633-1635 SW, nx or tk, good in SSB (McVicar 9/30)
 21550 UK BBC; 1245 EG, sports round up to USSR //21470 (Zilmer 9/16)
 21590 SAUDI ARABIA BSKSA; 145801503 AR, ID chants/announcements. (McVicar)
 21590 PAKISTAN RP; 0230-0245 EG, nx in slo sp. EG (Lovitt 10.7); 0325 SH, tk & mx (Wood 10/15)
 21610 USA WYFR; 1300 EG, Rel. px //21525 (Zilmer 10/1)
 21640 NETHERLANDS RN; 2050-2055 EG, G. H. DX Report (Hynes 9/21)
 21645 FRANCE RFI; 1412 FR, cmntry (Clift 9/26)
 21650 MALTA DE; 1239-1242 IN, IS, EG, ID, IN, ID, then mx (McVicar 9/15)
 21665 PORTUGAL RFE; 1704-1715 PL, ID for PL svc of RFE, px preview, sports OM tk abt. Poland, good-no jamming (McVicar 9/30)
 21670 USA AFRTS; 1649-1700 EG, Sports, UN council session (Marable, McVicar)
 21670 BANGLADESH RB Dacca; 1229-1300 EG, IS ID freq, sch. As mx, march mx for both s/on & s/off; good but QRM/21675, (ex 21683 ?) (McVicar 10/3)
 21670 PHILIPPINES AFRTS; 1830-1900 EG, Steelers vs. Bengals (Brown 9/17)
 21675 FRANCE RFI; 1405 FR, music (Clift 9/26)
 21685 KUWAIT RK; 1504-1508 AR, nx s/off at 1508 - good. (McVicar 9/17)
 21685 MADAGASCAR R Nederland; 1830 AR, ID AR mx tk good (D. W. Johnson)
 21690 SWEDEN RS; 1235-1240 EG, "Panorama" (about shipbuilding) (McVicar); 1354 FR, s/off then IS (Clift 9/26)
 21700 PORTUGAL RP; 1644-1647 PT, px of PT mx, very good (McVicar 9/30)
 21700 SWEDEN RS; 1400 EG, "Echo" to S.Asia //17790 (Zilmer 9/17, Hynes 10/10)
 21705 FRANCE RFI; 1305 FR, tk mx //21645 (Zilmer)
 21710 G BRITAIN BBC; 1330-1345 EG, "World Radio Club" (Hynes 9/20)
 21730 ISRAEL IBA; 1224-1230 EG, nx & wx ID, FR at 1230, G over RN (McVicar)
 21730 NORWAY RN; 1224-1231 NO, EG, ID & address, NO tk, mx (McVicar 9/15)
 21730 PAKISTAN RP; 0239 EG, nx to 0244 then lang. s/off (Zilmer 9/19); 0200 IN, s/on, nx, //15325, 17845 (Wood 10/14)
 21735 MOROCCO RTVM; 1240-1315 AR, ID nx concert (Brown 9/24); 1600-1625 AR, ID tk by OM, - good every day (McVicar 10/3)
 21745 GERMANY or PORTUGAL R Liberty; 1145-1201 RR, IS nx, ID - "Govorit Radio Svoboda" - good but jammed (McVicar 10/15)
 21745 PORTUGAL or GERMANY R. Liberty; 1420-1455 RR/EG, EG interview of orch.-leaders translated into RR, - good (McVicar 9/17)
 26040 USA VOA; 1600 EG nx mx tk (Lorz 9/10)

There is a shorter section this month, which is expected when the lower bands open; but many good loggings not submitted in previous months. I'm trying to avoid repetition by using different loggings each month, so that in a three month period, you will have a rather complete set of stations.

If and when you have a logging which might be questionable, please put down if it was ID'd or not, in order to give me a clue as to whether it is scheduled or an unusual logging.

Well 73's for another month; and keep those loggings coming in. I enjoy reading them all, even though it's necessary that they be condensed for this column.

B. B. B.

FRENDX CREDITS

LOG REPORTS

Send log reports to:

"Banquet"

David L. Walcutt,
2828 Rogerdale #108, Houston, TX 77042



Deadline: the 12th of each month.

Brian ALEXANDER, Mechanicsburg, PA (RF-2800); Richard T. AUSTIN, Eddyville, KY (Patrolman 9); Sam BARTO, Watertown, CT (HQ-180 etc.); Michael N. BEU, Austin, TX; W. Noel BROWN, Ann Arbor, MI (SB-313); Josephine I. BRYAN, Stockton, CA (FRG-7000); Leslie BYRON, Laurelton, NY (Patrolman 9).

Michael J. CALDERWOOD, Denver, CO (FRG-7/DX-40); Anthony A. CLIFT, Camp Bellville, Ont. (Eye 1101); Vladimir CUCURA Jr., Reading, PA (FRG-7/RF-2800); G.D. DAWSON, Sherwood Park, Alberta (FRG-7/ICF-5900W); Michael DAYEN, St. Louis Park, MN; Kenneth A. EARHART, Allentown, PA (FRG-7).

Marlin A. FIELD, Hillsdale, MI; Gary FOWLER, Islington, Ont. (FR-101S); Robert FRASER, Cohasset, MA (XCR-30); Daniel GALLAGHER, Lubbock, TX (JVC-9437/DX-160); Tom GAVARAS, Wayzata, MN (HQ-180 etc.); Emery W. GEARHART, Springfield, OH (SPR-4); Mark S. GODFREY, Broomfield, CO (QR-666/ICF-5900W); Tom GUNNUM, Griffith, IN; Harry L. HARTSELL, Lompoc, CA (FRG-7); Ron HOWARD, Santa Barbara, CA (SB-310); Chris HYNES, Erie, PA (RF-2800).

Douglas W. JOHNSON, Issaquah, WA (SP-600/HQ-180); Jack R. JONES, Jackson, MS; Rufus JORDAN, Pittsburg, PA (Transoceanic); John M. KAPINOS, Shrewsbury, MA (FRG-7/SP-600); Stu KLEIN, Gainesville, FL (DX-160); Jerry A. LINEBACK, St. Joseph, IL (SPR-4); Chris LOBBELL, Stoneham, MA (FRG-7000); Lawrence LORZ, Hilton, NY (SPR-4/FRG-7); David LOVITT, Wichita, KS (FRG-7).

Donald L. McCANTS, Trussville, AL (RF-2800/DX-160); Richard McVICAR, Prescott, Ont.; Ivery L. MARABLE, ITALY; Brett MARKER, Rockford, IL (CRF-320); Eric MILLER, Dorchester, MA (GR-54/DX-150); Richard H. MILLER Jr., Weirton, WV (RF-4800); Tim NOONAN, Milwaukee, WI (SW-4A); Jay NOVELLO, Endwell, NY (RF-2800/XCR-30); Michael O'SHEA, Buffalo, NY (DX-96); John C. ONKEN, Roanoke, IL; Sydney J. OSTERMAN, Toronto, Ont. (FRG-7/SPR-4).

Nick PAPPAS, Levittown, PA (SPR-4); George POPPIN, San Francisco, CA (FRG-7); John V. PRATH, Ft. Lauderdale, FL (FRG-7/DX-160); Edward J. PYATT, Philadelphia, PA (XCR-30); Ben RADCLIFFE, Ottawa, IL (RF-2200); Roger REINI, League City, TX (Zenith Royal 3000-1); Bill SANDBORN, Hendersonville, NC (FRG-7); Fred SCHUMACHER, Kindred, ND (RF-2200); Dan SHINGLER, St. Clair Shores, MI (FRG-7); Richard D. SWANSON, Wellman, IO (DX-160).

Leon TANNENWALD, Brooklyn, NY (SPR-4); Dave VALKO, Dunlo, PA (DX-160); PFC Robert J. VANCE, Stuttgart, W. GERMANY (FRG-7); William L. VAN STRALEN, Madison, WI (R-390A); Elisabeth WHITAKER, Knoxville, TN (RF-2800); Jason WHITNEY, Prince George, B.C.; Frank WOLTMAN, Cambridge, WI (RF-4800/FRG-7/DX-160); Robert R. ZILMER, Milwaukee, WI (R-390A/SPR-4).

Late reports, not included in the loggings, received from Grant, Frank, and Wiseblood. Remember that the deadline of the 12th is for receipt and that loggings are then assembled and forwarded to the individual section editors.

It is a big help when loggings are cut apart and grouped together for the appropriate log report sections. This is especially the case where reports are typewritten on plain paper. Several individuals are not putting their name on each item, and I then have to scribble it in myself. So please be sure and autograph each logging, since they are cut apart and mailed to four different editors.

The NASWA log report forms are available from HQ in Liberty for a stamped, self-addressed envelope.

"1979 TROPICAL BANDS MONITORING and CONTEST" -- for info on this, mail a SASE to: James Young, P.O. Box 576, Wrightwood, CA 92397.

MY SINCERE THANKS TO ALL THIS MONTHS REPORTERS! 73,

Dave

Music Page

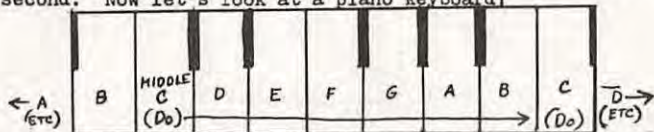
In tuning across the dial you can tell which stations are from which areas simply by listening a few seconds to the type of music. You probably haven't given a second thought as to why an area's music should stand out so differently from any other so identifiably, and you perhaps just attributed it to "different culture".

After all, music is just a collection of gadgets making sounds, perhaps with some vocals thrown in, so there has to be more to the story than that. To understand just how the making of sounds can be so distinctively diversified, let's have a look at the basic stuff music is made of.

In the realm of audio frequencies, you can take any one frequency, generate its first harmonic, divide it until you come up with eight notes (one of which is the harmonic of the first) and come up with an "octave" (meaning "series of eight"). The old Do Re Mi Fa Sol La Ti Do is the one we're all familiar with--however, it is just the European way of looking at musical division. The people of India, you see, view an octave as being divided into twelve parts (in this case, as well as all others, I will refer to the frequencies between and including fundamental and first harmonic as an "octave" regardless of how it is divided in other systems, for the sake of simplicity). In the Middle East, as we've already seen, the traditional divisions are four or five. Tropical Africa deals with only five.

So here we find basic differences in various ethnic music and we haven't even discussed instrumentation or culture yet! Now let's explore the physics of music a bit farther...

The simplest way to generate an audio frequency is to strike a piece of wire tuned to resonate at a particular frequency--as in a piano. Strike the "middle C" note (Do) and you make a hammer strike a wire that vibrates 32.7 per second. Now let's look at a piano keyboard.



Strike any eight white keys in a row, up the scale, and you have played from a tonic to its first harmonic. Play any series of 12 white and black notes and you'll get an approximation of the Indian scale; Play a series of five black notes only and you get an idea of the Tropical African scale.

This is a rather simplistic explanation, and to be sure; when homo-sapiens first played with music, it wasn't nearly as scientific--so perhaps we should also take a look at how music had become to be set in these systems. First, let's look at how our own system came to be.

The pitch a person notices most often is the pitch people use to speak. Translate that into a musical tone, and you've got yourself an arbitrarily established reference fundamental frequency. The human ear, quick to identify the harmonics of such a tone, just as quickly established a range of harmonic intervals (octaves) that could be vocalized by the deepest-voiced male to the highest-pitched female. The ear, however, perceives sound logarithmically, and the eight notes that came to divide an octave weren't exactly evenly spaced. If, in an ideal scale, you would have, say, one "step" from one note to the other without variation, then the octave as we know it would be spaced thus: 1, 1, $\frac{1}{2}$, 1, 1, 1, $\frac{1}{2}$. On a keyboard, it would

be described like this:



This was the accepted keyboard right up until the Classical period (that is, the era that produced the famous Classical composers), when one composer got totally dissatisfied with having to re-tune his piano every time he wanted to change key (a "key" is a pattern of notes with the same spacing, only the pattern is shuffled somewhat, like 1, $\frac{1}{2}$, 1, 1, 1, $\frac{1}{2}$, 1, or 1, 1, $\frac{1}{2}$, 1, 1, $\frac{1}{2}$, 1, and so on, because you use some note other than middle C or its harmonic as your fundamental or tonic). This fellow then devised a system whereby you could obtain half-steps wherever you wanted to, and inserted those little black keys in the keyboard. No more re-tuning a piano to change key--all you had to do was put your half-steps in where you needed to, by "sharpening" a note or "flattening" a note (that is, taking a note up a half-tone, or down a half-tone).



Now we can see how the Indians got their 12 note system. Start at Do, go up seven notes, and add the black notes you passed on the way (I say seven because the eighth note is actually the first note at harmonic, and it is counted as the beginning of the next progression). The Indian scale is very neatly divided into half-steps all the way.

The comparisons between our system and others aren't always that easy. Take the Tropical African scale, for instance--it is set up such that the musicians must re-tune their instruments just to progress beyond the first harmonic, as well as to change key (speaking only of traditional music, of course. Highlife has European influence, and the current African rage of Afro-American funk is without a doubt an equal exemption). This restriction is why traditional music sounds so much like chanting. It is the same restriction that manifested itself in early black American music like the basic four-bar blues, and to some extent in other black American music.

Well, now that we understand the basics of our system a little better, we can now come to bearings with other systems, which we will cover in later Pages as we go from area to area.

73 73's,

Diane

Diane S. Lévesque P. O. Box 2573 Carbondale IL 62901

PUBLISHER'S PAGE



NASWA member Josephine Bryan, 6841 Herndon Place, Stockton, CA reports that none of the equipment stolen from her home has been located yet. The equipment includes a Kenwood Model R-300 receiver (Serial 520097), an FRG-7 receiver (Serial 6J060562), a Drake SPR-4 receiver (Serial 4248) and various other radios and TV's. Information regarding any of this equipment will be greatly appreciated. Please contact Mrs. Bryan.

HELPING HAND: For sale. SW-4A SWL receiver. \$230.00 with UPS shipping. SE-300 ham receiver. \$230.00 with UPS shipping. Rob Harrington, 3181 S. York Street, Englewood, CO 80110.

HELPING HAND: For sale. Barlow Wadley XCR-30 Mk 2 SN + 3363. Price \$220.00 plus shipping. S. Oura, 140 East 52nd Street, New York, NY 10022.

HELPING HAND: For sale. Realistic DX-160. One year old, excellent condition. In original box with speaker and manual. Price \$110.00 plus shipping. Contact William Van Stralen, 143 S. Hancock St., Apt. 2. Madison, WI 53703. Phone: (608) 255-6286.

HELPING HAND: For sale. SPR-4/FS-4 Receiver and Frequency Synthesizer. Rx modified to permit use of LSB filter in AM mode, allowing choice of 4.8 or 2.4 kHz bandwidth, a fast/slow/off 3 position AVC control, a Noise Blanker, and a fine-tune Notch Control. Has a buffer installed, with a jack for Torrestronic Digital Readout. FS-4 eliminates all crystals and permits full coverage of 150 kHz to 30 MHz. Sells new for \$999.00. Rx in excellent condition, FS-4 recently purchased and within warranty. Asking \$699.00 for both, including manuals and prepaid UPS. San Diego DXer's Club, 1826 Cypress Street, San Diego, CA 92154. Tel: (714) 429-9728.

HELPING HAND: Wanted. Hallicrafters Speaker R-42 or R-46B. Must be in excellent condition. Arden Evenson, 2803 W. Rockwell, Spokane, WA 99205.

HELPING HAND: Information wanted. Has anyone discovered a method of improving the audio of an SPR-4 Drake? San Diego DXer's Club, 1826 Cypress Street, San Diego, CA 92154.

HELPING HAND: For sale. Lafayette HA600A with speaker and manual. \$75.00 plus UPS. Contact: Troy Gower, 1250 South Street, Geneva, IL 60134.

HELPING HAND: For sale. Drake SPR-4 in mint condition with 23 crystals. Options include Noise Blanker, Crystal Calibrator, and RTTY Option. Fantastic receiver! Only \$595.00 postpaid or best reasonable offer. Contact: Steve Handler, 3330 Old Mill Road, Northbrook, IL 60062. Tel: (312) 498-1403 nights; (312) 433-2802 days.

HELPING HAND: For sale. DX-160 in immaculate condition with brand new Gilfer C-10 Calibrator. Receiver only 3 months old and calibrator used only twice. Original cartons and manuals for both. Price \$200.00, I'll pay postage. Contact: John Vogelmann, 143 Ashford Avenue, Tonawanda, NY 14150. Phone: (716) 833-5762.

HELPING HAND: For sale. Sony ICF 5900W with manual. Recently tested and serviced. Price \$100. Contact: William Quinn, 6810-14th Avenue, Brooklyn, NY 11219.

HELPING HAND: For sale. XCR-30 Mark 2. Very good condition. 2½ years old. Original carton and manual. Free shipping. Price \$200. Contact: Alan Plotnick, 77 Woodlawn Street. Hamden, CT 06517

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