

FRIENDX



OCTOBER 1984

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: ICOM IC-R70 high performance digital synthesized receiver in mint condition, \$450.00. Larry Albert, P.O. Box 83, Chestnut Hill, MA 02167. Phone (617) 254-6398.

WANTED: Drake MS-7 speaker and Drake RV-75 VFO. Mint or excellent condition only, please. Steven R. Lare, 824 West 25th Street, Holland, MI 49423.

WANTED: 1966, 1967, and 1968 issues of FRENDX. I will buy or copy and return and pay postage. Tom Daly, 132 Richard Court, Pomona, NY 10970. Phone (914) 354-5087.

FOR SALE: Panasonic RF-2600 digital receiver in very good condition, \$65.00 or best offer. Trade for RTTY reader or what have you. Bruce Lindner, 10603 S.E. Home Avenue, Milwaukie, OR 97222. Phone (503) 653-0319 after 0100 GMT.

FOR SALE: Gilfer A-20 preselector in good condition, \$22.00 including UPS in CONUS. Also, Universal Communications experimental 2300 MHz down converter, "coffee can" antenna, power supply, and circuit board. Weird looking, but it works. Stephen A. Druzak, 1582H Eglin Way, BAFB, Washington, DC 20336.

FOR SALE: Galaxy R530, SC-530 speaker, with manuals, \$175.00 shipped UPS. FRENDX, complete 1983, \$5.00. Confidential Frequency List (fourth edition); How to Listen to the World (fifth edition), \$2.50; 1971, 1972, \$3.50 each. How to Improve Short Wave Reception #3; N.R.C. Domestic MW Log 70-71; N.R.C. Latin American MW Log 71, \$2.50 each. Shipping included. Cashiers check or money order, please. Al Drehmann, 11714 S.W. 129 Court, Miami, FL 33186. Phone (305) 385-3897.

FOR SALE: Back issues of FRENDX from January, 1975 to September, 1984. Complete and in excellent condition, \$75.00. Sold as set only. I pay shipping. Also, 31 First Day Covers issued by Radio Japan in 1975. In folder with explanatory notes in Japanese and English, \$50.00. I pay shipping. Money order or bank check only. Robert A. Yajko, 123 Summit Street, RD 4, Leechburg, PA 15656.

FOR SALE: Drake R7 with Gilfer modifications. Three years old and in mint condition, \$950.00, UPS prepaid shipping in U.S. Bill Whitacre, 3490 Gunston Road, Alexandria, VA 22302. Phone (703) 998-8606 (home) or (202) 376-2563 (office).

FOR SALE: ICOM IC-R70 receiver in good condition, \$425.00 including UPS shipping and insurance. Cashier's check or money order, please. M. Nazim Aboobucker, 2130 Park Avenue, Apt. 20, San Jose, CA 95126. Phone (408) 985-0366.

FOR SALE: Sony ICF-2001 portable receiver in mint condition with AC transformer, \$100.00 shipped UPS. Dave Maxfield, 2217 Manchester Road, Ann Arbor, MI 48104.

NOTICE: Atari owners! Organize your listening with Target File! 100% machine language. Add, Edit, Save 240 entries/file. Multiple file capability. Three search modes, printer supported...more. 48k required. Available on disc (cassette version available soon) for \$15.00 ppd or send S.A.S.E. for more information. Bill Potorti, 912 Plumus Street, Reno, NV 89509.

FOR SALE: Kenwood R-600. Purchased last May as seldom-used backup to R-4C. Price \$250.00 plus UPS. Also, SP-100 speaker. Used only to try out. Matches R-600 and R-1000. Price \$35.00. Hobart C. Beal, P.O. Box 1246, Walla Walla, WA 99302.

FOR SALE: Gilfer M-1 Multi-tuner. Unit has been modified to incorporate an in-out switch. Good condition, \$23.00. Telex lightweight headphones, Model HTC-2, \$20.00. Also, Drake Model 2-B communications receiver/Model 2-BQ Q-Multiplier. Includes manual and a good supply of spare tubes. In good condition. Price \$125.00, I pay shipping. Also have some original Tom Swift books for sale to anyone interested. Steven R. Lare, 824 West 25th Street, Holland MI 49423.

FRENDX is the monthly publication of the North American Shortwave Association. All items contained herein with the exception of BBC WMS information may be copied by other bulletins providing proper credit is given to NASWA/FRENDX, the column editor, and original contributor. Target mailing date for FRENDX is the Friday before the first Saturday of the month. Contributions to the Log Report may be sent to the Distributing Editor whose address appears on the back cover.

THE COVER...

This month's cover features Jeff White of "Radio Earth" fame. Jeff's fine work with "Radio Earth" was recognized last July when he was named "Broadcaster of the Year" by the Association of North American Radio Clubs (ANARC). Congratulations, Jeff.

...AND THE REST OF THIS ISSUE

This edition of FRENDX is a variation on our usual format in that it contains no "Listeners Notebook" as we know it. Glenn Hauser is incapacitated with a broken ankle and an emergency at work prevented back-up editor Terry Ward from doing the column. The space has been filled with a group of program and frequency schedules sent out by various broadcasters. These should be of some use to those seeking QSL's and additions to their "Countries Heard" list. NASWA is sorry for any inconvenience this may cause its members, but it is the only procedure considering the 'time-value' of the Log Reports and UPDATE. "Listeners Notebook" will return in its usual form next month. We would like to thank NASWA member John J. Kernan for sending in some of the schedules used this month.

NEW "CONFIDENTIAL FREQUENCY LIST" READY

Gilfer Associates announces the publication of the 6th edition of the "Confidential Frequency List" described as the newest ultimate utility frequency listing. The book includes, by frequency, all stations for military, aeronautical, embassy, VOLMET, INTERPOL, weather and RTTY and a thorough introduction on how to decode RTTY messages, a complete explanation of those confusing abbreviations found in the utility field, info on "piccolo" transmissions, the "why" of the cyrillic alphabet in RTTY, a listing of military identifiers, and more. This book does not cover SWBC, but it is a very useful addition to any listening post for those interested in the "other sounds" on SW radio. It is 6" x 9", soft cover, and contains 336 pages. The price is listed as \$13.95 retail. For further information contact Mrs. Kathy Romaine at Gilfer. The number is (201) 391-7887 or write to Gilfer Associates, Inc., 52 Park Avenue, P.O. Box 239, Park Ridge, NJ 07656.

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FOR SALE: Service manual for the Sony ICF-2001, \$3.00 postpaid. Dick Nelson, 3470 Travis Avenue, Simi Valley, CA 93063.

FOR SALE: Drake SPR-4 with AL-4 loop antenna, crystals for all SWL and ham bands, plus a few extras, literature and manual. Very good condition. Price \$240.00 plus postage. **ALSO:** Zenith "Royal 3000-1" all-band radio in good condition, \$40.00 plus postage. Fritz Mellberg, 1505 Central Avenue, Hawarden, IA 51023. Phone (712) 552-2485.

FOR SALE: MFJ-1040 preselector with AC adaptor, \$50.00. Sony ICF-6500W with AC adaptor, \$90.00. Regency M-400 scanner, \$175.00. AN/GRR-5 1.5 to 18.5 MHz AM/CW/SSB, \$75.00. Many other items. Contact Robert Leary, 696 Pouse avenue, Akron, OH 44310. Phone (216) 376-2402 from 9 to 5 EST.

WEDDING BELLS

Bill Whitacre and Paula Tarnafol were married September 30 in New London, CT. Beginning November 1 they will be taking a year-long honeymoon cruise around the world. We join with Bill's many friends in NASWA in wishing him and Paula peace, contentment, and good sailing.



Shortwave Center

October 1984

Editor: John C. Herkimer, 3233 East Avenue, Caledonia, NY 14423

My first encounter with Tetsuya Hirahara and the Japanese DX club, Radio Nuevo Mundo, was through their first "LA DXing" publication, a highly detailed summary of Latin American reception in Japan. I was, in a word, impressed. These guys were deadly serious about Latin DX. and their exact transcriptions of station announcements and program schedules indicated a command of Spanish and long, extensive periods of monitoring.

Tetsuya explained the the origin and goals of Radio Nuevo Mundo in the May 1983 SWC, as you'll recall, and now, thanks to an assist from his cohort, Takayuki Inoue, we are taken further into....

Latin American Reception In Japan

by Tetsuya Hirahara and Takayuki Inoue

Latin American DXing Trend In The World

The quality of Latin American DXing has changed greatly since the beginning of the 1980's. because of the activity of DXers living in Latin American countries. Other than Mr. Tony Jones, who provided us with interesting news from a DXers point of view from Paraguay, there had been no other DXers. But now, there are several who monitor LA stations using communications-type receivers. One of them is Mr. Juan Carlos Codina, now living in Lima, Peru, whose contributions to DX bulletins around the world has attracted every DXer's attention. He is so active in monitoring Peruvian outlets that we are afraid that very little DX news, except for his reports of Peruvian stations, would come from DXers in other countries.

In such a situation, how can we find out and/or provide DX news of interest to others to survive as DXers? To give an answer to this question, it would be somewhat helpful to keep in touch with the LA DX scene in Japan.

Latin American DXing Trend in Japan

It was not until the mid-1970's that the so-called "BCL boom" in Japan was closed-up and many novice DXers were born. After a few years' experience, they were searching for something more in their way of DXing. At that time, one of the leading Japanese DXers proposed "DXing for survey" in a commercial DX magazine, stating that a DXer should keep in touch with stations' activities and obtain as much information as possible from what he heard. Influenced by his proposal, many young DXers tried their best to be more high-leveled DXers. They obtained basic linguistic knowledge for their DX activity, according to their own particular DX target (as Indonesian for DXing Indonesia, or Russian for USSR DX). As a result, this lead to the specialization of many DXers. The advantage was that these "specialists" were so illuminative that they shared with others their information, and to our happiness, there were many good opportunities and places to show their experience.

LATIN AMERICAN RECEPTION IN JAPAN (cont'd)

Speaking of Latin American DX, LA fans learned Spanish and/or Portuguese to be experts on that area. LA DX, like other regions, is a very deep thing in itself. The aim of DXing can be defined as the pursuit of clarification of unknown or unidentified stations. The superficial phase is the reception of rare catches...this proves that the station is really operating on the frequency. Japanese DXers nowadays do not get full satisfaction from such a situation. "What characteristic does this station have?" "What type of programming do they have?" "How about announcers?" In order to answer these many questions we use two major ways: One is to contact the station directly, by letter writing and reception reports, in order to get a reply. The other is to carefully listen to the programming. The former is, however, sometimes difficult because LA domestic stations are generally indifferent to our reception reports, or if they do reply, they may not mention the information we wish to know. Therefore "watch" becomes an important means of getting direct information from stations. As you may have noticed, recent DX reports from Japanese DXers put emphasis on taking note of full ID texts. Why do they take down these IDs, when they only seem to annoy some editors? It's because they make the most use of the ID text for getting information such as call sign, nominal frequency, slogans, nominal output power, etc. all of which are usually included in the full ID announcement or at the opening and closing announcements.

You may say that there is no need to listening to the IDs because this information can be obtained from the World-Radio TV Handbook. It is true that the WRTH carries a lot of this information, however, it is sometimes outdated because of the ever-changing station activities in Latin America. (Incidentally, a "DXer" can also be defined as a listener who finds fault with the station, DX guides, loggings in DX bulletins, etc. because any difference from the existing information could be considered DX news.)

There is a good lesson to be learned in paying full attention to existing data when looking for DX news...listening to a Brazilian station, Radio Aparecida on 9635kHz from their sign-on at 0900 GMT, some years ago, I noticed that they were giving a "new" ID which was different from the one I was used to hearing. I looked it up in the WRTH and found that they were announcing a "new" prefix: ZYE236 (the latest edition of the WRTH said ZYE954). I was proud that I noticed the call-sign change earlier than other DXers. Several days after the big "discovery", I happened to see the Brazilian section of a previous WRTH....I was shocked to learn that the old WRTH showed "9635kHz ZYE236"! The prefix which I thought to be a new one was really the old one. Radio Aparecida played an old announcement tape that day!

Except for such a rare case, careful listening to ID texts surely brings us a lot of invaluable information anyway.

Reception Of Latin American Signals in Japan

Though it is very distant from the target area, LA reception in Japan is not so disadvantageous. Generally speaking, LA signals can be heard from 0800-1200UTC (or 1700-2100JST) and a few hours around 2100UTC (or 0600JTC) via long path. The former time range is most popular among Japanese DXers because it falls during the evening in Japan. There are many student LA DX fans because they have time available in the evening. The most advantageous reason to be an LA fan is that there is no need to get up early to catch LA signals.

As you may know, Japan lies from north to south, and reception conditions vary throughout. Judging from loggings reported to DX bulletins, the northeastern part of Japan has better reception of Pacific coast stations and has the longest LA listening times (i.e. earlier fade-in and later fade-out) as well. The southern part of Japan seems to have an advantage in receiving Brazilian signals. However, there is a disadvantage, to our sorrow, and that is QRM from Asian stations (including China and the USSR) operating on the tropical bands. To solve the problem, LA DXers in Japan monitor weak LA signals as often as possible to hopefully encounter an unexpected happening (like interruption for a few minutes of local interfering stations or sporadic frequency changes). The other way is to use an excellent receiver. Members of Radio Nuevo Mundo, a club for Latin

LATIN AMERICAN RECEPTION IN JAPAN (cont'd)

American enthusiasts in Japan, use receivers such as the NRD-515, IC-R70, FR-101 and R-1000, all with good selectivity, which is indispensable for DXing these days, to avoid adjacent QRMing stations. A few hundred kHz in frequency difference can be a chance to get a rare signal more clearly.

And now, in continuation, we would like to show you reception of Latin American signals in Japan, focusing on the most attractive of all Latin countries, the Peruvians, with some useful details on those stations heard within the past two years.

PERU - A Survey Of Stations Received In Japan

<u>Freq.</u>	<u>Station name, City (Province/Department)</u>	<u>Station Information</u>
3230	R. El Sol de los Andes, Juliaca (San Román, Puno).	*1000-1100. Frequent reception in winter but signal is very weak. Folklore program concentrated in local morning, partly using Quechua. Founded on October 23, 1962.
3240kHz	R. America, Lima (Lima).	1030-1200 in winter season. It seems that they do not use this outlet full time, so sometimes it is unheard even if reception conditions are good. Their slogan is, "Radio America, la única y la primera". Their famous news program, "El Noticiero de Radio America", is now broadcast at 1100 (ex-1200).
3310	R. Bagua, Bagua (Bagua, Amazonas).	*1045-1130. Tentative reception in northeastern Japan. There is a possibility to catch them in early spring, but it is very difficult due to QRM from co-channel Chinese station. Per Ralphus (Ralph W. Perry) schedule is 1045-2000. Reports should be directed to Sr. Gilberto Paredes Torres, Director.
3330	R. Ondas del Hualлага, Huanuco (Huanuco).	*1030-1130. Noted almost yearly though signal is weak. Has much folklore in program from sign-on. V/s Flavia Uanos M. Their slogan is, "En su nueva dimension".
3800	R. Esmeralda, Huanta (Huanta, Ayacucho).	*0900v-1130. Noted here until May 1983 when it moved to 4501kHz. This station has also been heard on 5300kHz and later on 5050kHz, but unfortunately has not been heard on 4501kHz here in Japan. Nominal frequency was 3285kHz (OAX5L) and actual one is 4350kHz (OAX5L). V/s Aurelio Lauretto A.
4755	R. Huanta 2000, Huanta (Huanta, Ayacucho).	*0830-1200. Gives a fair signal throughout the year with a program, "Buenos Dias Peru" (a folklore music program, partly using Quechua). They moved to 4746.5kHz from October 1983 to February 1984 and afterward (in late February) moved to 5030kHz only to fight with R. Los Andes. Power is 1 kW. Founded on January 8, 1983. SW call is OAZ5B, MW is OBX50. V/s Humberto Sapaico Salazar, Director Gerente.
4760	R. Tingo Maria, Tingo Maria (Leoncio Prado, Huanuco).	1030-1200. Very difficult to hear because of co-channel QRM from China. There is occasional reception in February and March. Slogan is, "La Voz de la Bella Durmiente". SW call is OAX3W. V/s is Leonidas Infantas G., Gerente.
4762.4	R. Inca del Perú, Lima (Lima).	0800-1200 throughout the year. SW reactivated in May 1983 with a shedule *0900, then began 24-hour service on October 1, 1983. Due to their extensive folklore programming, their slogan is, "La señal folklorica andina". They used the station name "R. Frecuencia" from 1978-1980 but returned to original name in June 1980. V/s Augusto S. Irei Shimabukuro.

PERU (cont'd)

- 4775 R. Tarma, Tarma (Tarma, Junin). *1000-1130. Well heard all year around with folklore program, "Musica Folklorica Nacional" in which English IDs are sometimes given. Their slogan is, "La decana de la provincia". SW transmitter is OCX4E and is a Koley 400C with an output power of 1 kW. Their antenna is a dipole 15 meters high. The station was founded on April 25, 1958 and the v/s is Mario Monteverde Pomareda, Gerente.
- 4785 R. Cooperativa, Satipo (Satipo, Junin). *1000-1130 audible only when co-channel QRM from RTTY station is off a few times a year! Their slogan is, "Satipo, la radio". This station is owned by Cooperativa Agrario de Servicios "Satipo" Ltda. V/s Damasco Paredes Corvacho.
- 4790 R. Atlantida, Iquitos (Loreto). *0900v-1200. Audible yearly, though the announced 31mb outlet of 9625kHz is not in use now. Founded on July 16, 1957. Their slogan is, "La fabulosa".
- 4810 R. San Martin, Tarapoto (Maynas, San Martin). *0900-1130 (formerly 24-hour). Their slogan is, "Una voz y un sonido para un Peru". They play a variety of music until 1130 when they begin their news program. V/s Kelly Barrera Fachin, Administrador.
- 4825 R. La Voz de la Selva, Iquitos (Maynas, Loreto). *1000-1130. Suffers from co-channel QRM (Moscow/Peace & Progress), however easy to note because of its power (10 kW). Station is owned by IPSA (Instituto de Promocion Social Amazonica) and the v/s is Teresita Perez Valera (Secretaria).
- 4827 R. Sicuani, Sicuani (Canchis, Cuzco). *0950 with a program called "Amanecer Campesino" (or "Amanecer Andino"). Their slogan is, "La Voz de Canchis". V/s Raul Siu Almonte, Gerente General, and the station is owned by "Producciones Radiales de R. Sicuani". Nominal frequencies are 1365kHz (1 kW) and 4835kHz (1 kW).
- 4840 R. Andahuaylas, Andahuaylas (Andahuaylas, Apurimac). *1010v-1100. Very difficult to hear because of co-channel Chinese QRM. The station is an affiliate of Cadena de Emisoras Cruz del Peru and the v/s is Daniel Andrea Casafranca, Gerente Director. The official schedule is 1100-0300.
- 4854 R. Pampas, Pampas (Tayacaja, Huancavelica). *1030-1200. Programs are mainly folklore and using Quechua. First heard in 1983 and they use the slogan, "Una voz peruana para el mundo" or "Su radio nueva". The v/s is Luis F.D. Mestre R., Administrador.
- 4860 R. Chinchaycocha, Junin (Junin). *1000 (or *1030v)-1130. There is better reception in spring (early) but sometimes with QRM from USSR. After playing the national anthem, they began their program, "Pentagrama Andino". They use the slogan, "Sus poderosas ondas radiales". The station is owned by Baldeon Hermanos, S.A.
- 4885 R. Huancavelica, Huancavelica (Huancavelica). *0900v (or *1000)-1130. Sign-on varies daily, with folklore music and announcements in Quechua and Spanish. Measured on 4885.3kHz. Also an affiliate of Cadena de Emisoras Cruz del Peru, headed by La Voz de Nasca.
- 4907 R. Cobriza 2000, San Pedro de Coris (Tayacaja, Huancavelica) 1030-1050. Once heard in September 1982 when operating on 4926kHz. Nominal frequency still announced as 4925kHz. Power is 500w. Switch to 4907kHz in late August 1983. Address is Campamento de Cobriza, San Pedro de Coris, but suggest reports be sent to Radio Huanta 2000. Cobriza is a mining town of CENTROMIN.

PERU (cont'd)

- 4911 R. Libertad, Trujillo (Trujillo, La Libertad). *1000v-1100. Thanks to Ralphus' confirmation of reactivation, noted in Japan on 4910.7kHz with slight QRM from Emisoras Gran Colombia, only 100Hz above though irregularly. Music format is mainly huaynos and they use the slogan, "Al servicio de la cultura, el comercio, la industria, el turismo y la defensa de los derechos del pueblo". V/s Carlos Burmeister B., Director General. Reportedly a good verifier.
- 4922 Ondas del Titicaca, Puno (Puno). *0930v-1130. Severe QRM from ABC-Brisbane (4920kHz) and China (4925kHz) but relatively audible from January to April. Plays first-class folklore music and messages for listeners in the program, "Por los caminos del folklor". V/s Jose Luis Lescano, Director Gerente. The station was founded on September 25, 1961, with the name "Radio Indoamerica S.A." operated by the famous Peruvian political party "APRA". The use a 1 kW Philips transmitter.
- 4934 Radio Tropical, Tarapoto (San Martin). *1000v-1200. Easy to hear throughout the year especially strong from winter to spring. Measured on 4934.6kHz (very stable) using the calls OAX9E for nominal 4935kHz and OAX9D for 9710kHz which is not in use per actual reply. They play a variety of music until the news at 1200 and they use the slogan, "Primera sintonia musical". Station founded on September 2, 1961. V/s Juan Pablo Mori, Director.
- 4935 R. Abancay, Abancay (Abancay, Apurimac). *1000-1130. Measured on 4935.1kHz since Spring of 1984, noted earlier in the Summer of 1982 on 4934.2kHz. Suffers QRM from R. Tropical and is barely audible. Their slogan is, "Emisora municipal del Peru". Official sked is 1100-2300 and the station was founded on October 8, 1958. V/s Zonon H. Farian Cruzado, Gerente or Sr. Lucio Fuentes who is in charge of a program called "Amanacer Andino".
- 4950 R. Madre de Dios, Puerto Maldonado (Tambopata, Madre de Dios). *1040v-1120. Barely audible under co-channel R. Malaysia and China. The signal on 4950.1kHz can be noted frequently but getting an ID is very difficult. In broadcasting for 26 years, this station belongs to CEMCOS (Centro de los Medios de Comunicacion Social). V/s Fco. Javier Aniz B., Director.
- 4955 R. Cultural Amauta, Huanta (Huanta, Ayacucho). *1100-1200. Heard regularly (especially January through March) with very strong signal (sometimes S9+20db!). Have been serving the people of Huanta (Esmeralda de los Andes) for 23 years and offers a very nice music program called, "Ritmo Folklorico", at 1100 in both Spanish and Quechua.
- 4966 R. La Voz de Cutervo, Cutervo (Cutervo, Cajamarca). *1100-1200. Heard since late May 1983 opening with the national anthem, ID and a program called, "Amanacer Campesino". They announce nominal 4965kHz (OAX4G) which is measured at 4965.8kHz.
- 4990 R. Ancash, Huaraz (Huaraz). *0930-1130. Heard relatively well with some QRM from China (Hunan PBS). They began a test broadcast on February 7, 1984 using a 10kW transmitter (Marti SCG-8H) and a vertical antenna (80m high). Their slogan is, "La razon para escuchar radio", and the station is owned by La Voz de los Andes S.A. V/s Edgard Caceres Flor.
- 4996 R. Andina, Huancayo (Huancayo, Junin). *0850v (or *1000v)-1200. Regularly heard with QRM from JYJ (5000kHz) and Mongolia (4995kHz). Their programs are: 0900-"Pentagrama Andino", 1000-"Ecos Andinos", 1100-"Fiesta Andina". Their slogan is, "La mas potente del centro peruano". The station belongs to Cadena de emisoras Cruz del Peru. The station was founded on October 31, 1961. There has been no QSL news from this station in many years.

(We'll continue this excellent Peruvian survey next month - JH)

New Tenor, New Tone at the Voice of America

By STEPHEN ENGELBERG

Special to The New York Times

WASHINGTON, Aug. 30 — In many corners of the world, the Voice of America's shortwave radio broadcasts come through with all the authority of a whisper at a crowded cocktail party.

The reason: The United States sends its programs to 42 languages on the best equipment money can buy. If it was doing the best job in 1945, nearly 80 percent of the transmitters are now more than 15 years old. Some were seized from the Nazis at the end of World War II and are so old the Voice of America operates its own machine shop to make spare parts.

"At one point in Morocco, we were broadcasting to the Ukraine with a 30-kilowatt transmitter," said Kenneth Y. Tomlinson, director of the Voice of America. "My God, the Ukrainians should have been writing Ralph Nader and complaining about consumer fraud. That's about like broadcasting from Chappaqua, New York, with a hair radio set."

Groundwork for Improvements

Mr. Tomlinson, who ends a two-year stint as director this week to rejoin Reader's Digest as a managing editor, believes he has laid the groundwork for improvements in the station's signal within three to four years. Congress has appropriated the first \$20 million of a planned \$1 billion for modernization and both are being sought to raise budgeting projects to increase the quantity and quality of the transmitters.

The Voice now has six 50-kilowatt transmitters, while the Soviet Union has 21 for similar shortwave broadcasting. France, U. S. and Britain, 8.

Under Mr. Tomlinson, the Voice has campaigned to raise its visibility to Congress and worldwide, a drive that is expected to be continued by Eugene Pell, the deputy associate director who was named acting director this week.

The efforts to reshape the Voice have been explicitly endorsed by President Reagan. Last year Mr. Reagan devoted a weekly radio address to the need for new equipment at the station. This month the President returned to the theme in a three-hour speech to Polish-Americans. He praised the improvements to the Voice, saying, "Our broadcasters will carry the truth to captive people throughout the world."

An Unusual Agency

The Voice of America is one of the more unusual agencies of the Federal Government. It is part of the United States Information Agency and it combines political operations, career foreign service officers and professional journalists who serve as correspondents.

The clipping above is courtesy of Ed Insinger who suggests we take special note of the reference to competition with other Western broadcasters and the quote, "better than the BBC." Ed thinks that's a difficult task!

At right, another NY Times clipping, this time from Sam Alcorn.

Thanks, guys!(JH)



The New York Times Photo Editor Herb Kester, right, director of Office of Audience Relations at Voice of America, with Terry Hackley, chief of Audiences Mail Division, looking at some of the 798 letters received yesterday from foreign countries.

respondents in Washington and foreign capitals. Its reporters have prided themselves on their professionalism and independence.

"I have often said that running a journalistic enterprise under Government rules constitutes an unusual act," Mr. Tomlinson joked.

The Voice of America, broadcast worldwide, covers world news as well as reports on the United States. This distinguishes it from Radio Free Europe and Radio Liberty, based in Munich, which aim their programs at Eastern Europe and the Soviet Union, and concentrate their reporting on events in those areas.

Some of the Reagan Administration's innovations for the Voice, such as the advent of editorials outside Administration policy, have stirred opposition and fears that the broadcasts could be seen as propaganda. But other initiatives, including the drive to buy better transmitters, have gained widespread approval.

Increasingly Competitive

Mr. Tomlinson says the world of international broadcasting is becoming increasingly competitive. The cost and size of shortwave receivers have risen dramatically out of new technology, and the potential audience has grown. Since 1950 the number of transmitters worldwide has grown from 275 to 1,200, the Voice says.

The competition involves familiar names like the British Broadcasting Corporation. But countries like Japan are also on the verge of a major expansion of shortwave services, and China is considering following suit, Mr. Tomlinson said.

The Voice has not exactly reacted with the backlashes of a domestic station as a result, but still, it has begun to advertise programs in magazines and brochures. In January it started publishing an English-language magazine every two months on programs and sending it free to 8,000 subscribers. It has even given listeners T-shirts with the new red, white and blue Voice logo.

"This sort of thing had been lacking for a long time, simply because we have never had the funding for it," said Herb Kester, director of the Office of Audience Relations.

Mr. Kester's office, which was opened two years ago, is also responsible for answering and analyzing mail from listeners. In 1962 the General Accounting Office criticized the Voice for, among other things, neglecting to answer its mail.

New Programming Added

Beyond more aggressive promotional activities, the Voice has added new programming to take it out of what Mr. Tomlinson calls a "1950's duck-jockey approach." In October, for instance, he said show host Larry King, who is well-known within the United States, will begin a call-in program on the Voice of America.

"I think competition is very, very good," Mr. Tomlinson said. "It has encouraged a competitive sense between the Voice of America and other Western broadcasters because I

wanted to get across to our people that we needed to offer a daily documentary that was better than the BBC's. From an internal standpoint I tried to increase the awareness of the competition because, internationally, the competition is out there."

The Voice of America estimates its audience at 110 million people over the age of 15 who tune in at least once a week. Officially, however, these figures are guesses in Eastern Europe. Its audience in a heavily censored area is based on surveys by travelers from the Communist bloc who are visiting the West.

According to the Voice, its audience in Poland swelled after the declaration of martial law and 40 percent of the adult population, or 11.5 million people, now listen to the Polish-language broadcasts.

Mr. Tomlinson and other officials say they are now signs that the Reagan Administration's policy on broadcasting daily editorials is driving away listeners. Though "once in a while, we get an occasional letter of complaint," Mr. Tomlinson said, "we get most mail on the editorial."

In the past two weeks, the editorials have discussed a number of topics: the Vietnam war, the President's heart. One told the story of a Cuban teacher who defected after being sent to a re-education camp in the Soviet Union. Another attacked the sale of drugs to the United States by Communist countries. Yet another ridiculed the impending elections in Nicaragua.

Mr. Tomlinson said the Voice of America charter requires the broadcasts to present the views of the Administration. "Someone complained that your editorials could just like Ronald Reagan," Mr. Tomlinson said. "And I said you're damn right and I'm proud of it. The editorials should reflect the viewpoint of the party in power."

The Voice of the Listeners

Special to The New York Times

WASHINGTON, Aug. 30 — Each month the Voice of America compiles a survey from letters from listeners and circulates them within the Administration and to Capitol Hill.

The letters, mailed from about 300,000 pieces of mail received each year, rate the program. Some ask for information about American customs or groups like the American Indian. Others complain about the quality of the signal or jamming by the Russians. A few complain about editorials or programming.

Following are recent excerpts, whose authors were not identified by the Voice.

"Only thanks to you was I able to be a direct witness to the great moment when the Nobel Prize was presented to our great Polak — Lech Walesa. The best reception I have ever had at night — the later, the better." (Polish Service)

"I hope the U.S.A. shakes hands with the U.S.S.R. and other nations of the coalition. Everybody admits that the U.S.A. and U.S.S.R. are leaders of

the world, so you should not be opposed to the idea of cooperating with each other.

"My little girl can do anything for world peace with these little bands. It's very motivating to us. The only thing I can do to write this letter: giving my opinion. I can't help but give my opinion. I can't build up for nuclear war." (Japan)

"Your editorials give us the impression that for a few minutes we are free to express our independent, sensible radio station, but to a lecture by the American Government spokesman. For God's sake, instead of this program, please broadcast a critical news program that reports on the U.S. Government." (Sialkot, Pakistan)

"I have listened to the V.O.A. program for a long time. It provides objectivity, variety and detailed information. They don't hide anything from us. Unlike other radio stations, you broadcast sugar-coated news programs." (Rome, Cameroon)

'Voice' in a Costa Rican Pact

Special to The New York Times

WASHINGTON, Sept. 11 — The Voice of America has contracted with a private group in Costa Rica for the use of transmitters to broadcast to Costa Rica and Nicaragua, according to a spokesman of the United States Government radio.

The spokesman, Rogene Waite, said that President Luis Alberto Monge of Costa Rica had requested the establishment of the transmitter in 1963 in a letter to President Reagan and that the Costa Rican leader approved the \$3.3 million deal in "two days ago."

The contract is "in full conformity with Costa Rican law and has the full approval of the Costa Rican Government," Miss Waite said, adding that some Costa Rican groups had opposed the arrangement.

The agreement is with the Costa Rican Association for Information and Culture, a businessmen's group.

At the signing ceremony in San José,

the Costa Rican capital, President Monge praised President Reagan for responding favorably to the request.

According to the Voice of America, other such arrangements with private groups are being explored in other countries.

The Costa Rican arrangement will also enable the Voice of America to broadcast to Nicaragua, where the Sandinista Government is being opposed by the Reagan Administration.

The Voice of America reaches Nicaragua by short-wave broadcasts. Access to the station in Costa Rica, officials say, will permit clearer reception and access to a larger audience.

The Costa Rican contract is part of a proposed \$1 billion modernization of the American Government radio's operations, including an increase in the quality and quantity of transmitters. An initial installment of \$350 million has been approved by Congress.

CONTACT

Editor: Andy Robins, 223 North Shore Drive, Apt. 211-S, South Haven, Michigan 49090

There apparently are a lot of "beginners" in the NASWA ranks. And they are looking for help. A letter last time on the subject drew three responses, including this one from Larry Vipond in Phoenix, Arizona:

"I enthusiastically agree that a regular column designed to benefit the novice SWL is long overdue. The beginner may need help more than some, but I suspect even "oldtimers" could benefit from such a column. The idea certainly got my vote.

"Regarding your question: 'How can FRENEX and NASWA better serve its members,' and 'Are we doing enough to publicize the hobby?': I guess my only complaint about FRENEX is that there is really very little space devoted to the day-to-day basics of our hobby. Page after page is devoted to who is broadcasting when and on what frequency, how long it took to get a QSL, etc. I am not suggesting for an instant that this is bad. I simply think there is more to the hobby than that. We need to address the basics, or if you prefer, the stuff that makes it all possible -- equipment, repairs, operating techniques, where to find help, recording equipment, safety, the ideal shack, etc. I would like to see an annual survey on modification and repair facilities in the U.S. and Canada. Who does a first class job and at what cost? What is the best way to ship a receiver in need of repair? What modifications are recommended for what receivers? What really is the best antenna? Do antenna tuners really help? How do you make a good one?

"What I am suggesting is that we have drifted away from the basics. The bottom line is our equipment and how to get the most enjoyment possible out of it.

"I do not believe we are doing enough to publicize our hobby. I'm not even sure we are publicizing it. The solution? I'm not sure what the answer is but I think we need to find it -- and the "right" answers many turn out to be many."

Rev. John Eckert in Norristown, Pennsylvania, also says beginners could use a hand:

"I just read the letter from Joe Freeborn in Contact concerning the plight of the novice DXer. I too started to listen at the beginning of the year. I have found no one in my area who is a DXer, though there probably are some. And since I have absolutely no knowledge of electronics, I find myself skipping over all technical articles in FRENEX. I feel FRENEX is written for those who have more than a rudimentary understanding of electronics and communications. Despite the fact that I don't have the foggiest idea of the difference between a ceramic filter and a crystal one, I have still managed to monitor 113 countries since the beginning of the year. I have a GE World Monitor II. I would like to learn more about the basics of shortwave receivers, antennas, filters, and the like.

"I would also like to meet one of the 'masters' who knows a lot about DXing who could explain these things and let me hear what I don't understand, like what does RTTY sound like compared to all the other sounds you hear? Would any of the more experienced listeners care to help us newcomers with a question and answer column in FRENEX? I want to learn but there is no one around to teach me!"

We get a different perspective on the issue from Don Moore way down in Comayagua, Honduras:

"As I've been involved with the shortwave hobby since 1971, I read Joe Freeborn's comments with interest. I went through the same many years ago and have helped some novices since. However I'm not so sure that a regular 'novice corner' would fit the bill. There is a constant influx of newcomers, and even repeating itself every few months it likely would not supply specific information when it's needed by each newcomer. If you join in April and want advice on a new receiver, it doesn't help much if that was dealt with in February and will be again in October. What is needed is a constantly available resource for novices. To this end, I offer two proposals:

"First, a Big Brother system. Each newcomer who asks for help would be assigned an experienced hobbyist to correspond with. This person could answer the novice's questions, or at least know where the answers could be found. One person could serve as coordinator. Experienced hobbyists willing to get involved could volunteer through the coordinator, stating how many newcomers they could assist. As newcomers request help, the coordinator would assign a 'Big Brother', trying to keep both people in the same geographic region.

"A newcomers packet could be sent to new members who request it, probably for a small fee, say fifty or seventy-five cents. This would include articles on basic topics, lists of addresses, and other references. To be truly effective, it would have to be compiled by a committee of both novices to ask the right questions and experienced listeners to supply the answers. And it would have to be updated annually.

"One of the worst things to do, I feel, is supply ideas and then do nothing to help implement them. However, that is just the position I find myself in. I will be travelling in 1985 and won't settle down in the U.S. again until 1986. So if anything is to be done about this before then, it's up to you!"

It is indeed up to us. Are there experienced people out there willing to lend a hand to newcomers? Let Contact know.

Although most shortwave hobbyists listen to programs, to one degree or another, there is surprizingly little comment about the content of those programs in the hobby press. In an effort to correct this, Contact is now open to your nomination for the Best and Worst programs on the air. Radio Tirann is specifically banned from this poll, however. It's just too easy to pick on. Along with your choices, send a brief explanation including suggestions to the station on ways to improve the show in question. As always, address your letters to:

Contact, c/o Andy Robina, 223 North Shore Drive, Apt. 211-5, South Haven, MI 49090.

Dave Valko
P.O. Box 155
Dunlo, PA 15930

Below is a Peruvian town "Word Search". Find and circle all the towns, and you become a beginning Peruvian DXer. Once you've found all the towns in the puzzle below, then try and hear a shortwave station from each of those towns. Good luck and have fun!

H U A N U C O T U M B E S R
Q A R N V G X T Z C A I I C
U B E N M J A N C A T O B H
I A Q X L Y P H G A F J C O A
L N U U M I A T P A Q Z P C
L C I H A P M J N I I U I H
A A P O T O P A R A T C T A
B Y A U J C A E A X A W A P
A P Z O N O S N V G R A S O
M F J C H O T A D C M M M Y
B D I O C U H C A M A U H A
A T R U J I L L O U H T O S

PAMPAS
OXAPAMPA
TACNA
TARAPOTO
HUANUCO
LIMA
AREQUIPA
PUNO
TARMA
HUAMACHUCO
QUILLABAMBA
RIOJA

CUZCO
TRUJILLO
CHACHAPOYAS
JAEN
SATIPO
CHOTA
ABANCAY
TUMBES



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

Uniden CR-2021 Review
by John R. Tow

Why would an SWL with an R4C, SPR-4, IC-R70, and an R390A buy a Uniden portable? Ever try to lug an R390A up a couple of flights of stairs? Ever get to a band edge on a crystal controlled receiver and find you need only a few more kHz of coverage? How about portable operation of a table model 'state-of-the-art' receiver such as the FRG7700, IC-R70, R-1000, etc. You might pull 30-40 minutes of operating time from a AA NiCad pack. For casual SWLing and even some DXing, a portable that is truly portable as opposed to trans-portable is highly desirable.

I enjoy sitting in the middle of a local fishing lake in my 21 foot sailboat, and I derive some sadistic pleasure watching the ski boaters, bass boaters, and even other sail boaters trying to avoid my skill-lessly piloted vessel. I also enjoy listening to the news from R.F.I. and U.A.E. while those other nuts are hollering at me to go home, or perhaps somewhere else! How did I survive before the Uniden? I had to lug my FRG-7 complete with its' 8 internal alkaline D cells and a ground plate to drop over the side as well as a clip lead to hook the aerial input of the FRG-7 to the aluminum mast of my boat. I lost count of the number of clip leads, square copper plates, and batteries that I have float tested while trying to listen from my boat. The Uniden is much handier to say the least.

I also find the Uniden to be a most welcome companion in my office during those late night sessions. I can keep up with Jeff White's "Radio Earth" (at least until WRNO drops him!) and even R.N. "Media Network" when and if it ever returns. I can even listen to local FM stations. All of this good news has me worried: what, if anything, is wrong with this radio? It certainly is not an R390A. One can DX with a far lesser rig than this, but don't expect to hear "Tristan de Cunha" on a regular basis, Nibi-Nibi is more likely.

The Uniden and Radio Shack DX-400 are identical save their signal strength indicators. The Uniden utilizes 5 LEDs where the DX-400 uses a conventional meter. The Uniden has a one year warranty versus the DX-400's 90 days. The Uniden CR-2021 currently sells for \$100 (E.E.B.) or 1/3 the DX-400 list price. I must admit, even if Uniden sells the O.E.M. board to Radio Shack, I still have not been overly impressed with the recent Radio Shack offerings such as the DX-300/302. The service of the Radio Shack equipment is bound to be better, especially considering that Uniden stated in a recent correspondence that they did not have a schematic for the CR-2021, a reply I find unbelievable at best.

The 1984 WRTH has Larry Magne's typically excellent review of the Uniden/Radio Shack receivers, a review that should be read if contemplating such a purchase. I'll try to hit the high spots and then give my reactions after nearly 6 months of use.

The CR-2021 has 6 memories on LW/MW/SW and 6 more on FM with two more memories that represent the user enforced scan limits for LW/MW/SW. The scan function will automatically halt at a given carrier strength if so desired. The frequency scan is selectable in either 3 or 1 kHz increments on LW/MW/SW or 50/100 kHz on FM. In FM the scan memories are not functional and the scan begins on the last entered frequency and continues up in frequency. An interesting side-light of the low frequency scan is that it automatically starts at the lower of the two scan memories.

One enters the frequency calculator style with most significant figure first. Entry and readout is only to 1 kHz from 150-29,999 kHz and to 50 kHz increment from 87,400 to 108,000 kHz. An improper entry will result in a cute "Try Again" reply! You can scan either up or down in 1, 3, 10, or 30 kHz increments by manually depressing one or two of the appropriate buttons. This makes for convenient band scanning.

Two selectivity positions are functional on the lower non-FM range. The narrow range is still a little wide, but should prove to be easily remedied, although I have not inspected its innards to ascertain whether room is present or not for a better filter. The CW/SSB position has a very good product detector and a highly stable variable BFO. In fact, this synthesized receiver is second only to my Icom R70 in the stability department. I have had good success in using the Uniden with an interface and RTTY decoder to copy USIA and PL (Cuba) teletype broadcasts.

The audio is excellent with sufficient power to drive a small external speaker, if so desired. The FM capture is quite good for a portable. Two local 10 watt educational stations occupy the same frequency during the daytime with the closer one signing off at 1900 and the farther one at 0000 (local). The closer station is plainly audible until sign-off with the farther one then audible. To its detriment, it only has a simple hi-frequency roll-off adjustable tone control.

Power can be supplied by either 6 C cells (alkalines-internal), 110 V AC, or by a 11-14 V DC (cigarette adapter cord available from Radio Shack for about \$4). On AC and external DC, the radio's pilot lamps are always on. The battery drain with pilot lamps off measured 150 mA compared to my FRG-7 and its' rather meager 95 mA; less than the SP4-4 as well. I would advise removing the AC cord when not in use since the AC supply is always on and does get warm. The AC cord is quite common in case you misplace it. Always unplug the AC cord on this and other radios during electrical storms as many of the modern AC/DC sets are always "on" and simply switch the output side of their internal AC supply. The Uniden and R70 are examples of this type of circuitry (only the R70 memory supply applies).

Use test: I am ready for my third set of alkaline cells. I have been using the radio at my listening position with an external 12 V 6-A-Hr NiCad (DXpedition goodie!) and an external 6.5" speaker for nearly Hi Fi reception of the typical SWL fare: Spanish Foreign Radio, BBC, RCI, etc. I prefer this setup to my R70 et al for EZ listening. I typically use only the built-in whip, and the wear and tear is beginning to show. It is getting increasingly harder to maintain the vertical stance of the original whip, especially when the radio is in its' semi-prone position with the handy handle positioned as a support.

External antenna can be used-but I would highly suggest that you use either a short antenna or an antenna tuner to match a longer antenna. The built-in trimmer does not have sufficient range to cover the loading effect of a directly-connected long antenna. Always use a good ground when using the AC supply as the RF coupling (or decoupling) of the internal AC transformer allows a large amount of internal micro-processor generated hash to be present on LW and even into MW. This disappears when an external ground is utilized. The antenna trimmer must be constantly readjusted when tuning from one end of a band to the other. This is not as much of a problem as it sounds. Improperly adjusted, the receiver is highly susceptible to strong MW as well as super power SW stations. A good antenna tuner can't be over-emphasized. My favorite antenna is a 10 foot wire dropped behind my bed for bedside listening, (saves the whip) where my AC cord permanently resides.

One function that I use almost daily is the sleep function. This allows me to go to sleep knowing that the radio will shut itself off in 10 minute increments from 10-90 minutes. My younger son likes that function as well. Unfortunately, he only uses the radio for just local FM.

Where would I rate the CR-2021 as a DX machine? Having had an FRG-7 (Gilfer Mod-1) to compare with it, I must admit that the Uniden was the hands down winner. It seemed less susceptible to overload than the FRG-7 and was certainly easier to use. The selectivity in the narrow position was equivalent to the 4 kHz equipped Gilfered FRG7, with the wide position approximately equivalent to an unmodified FRG-7. The FRG-7, with its' traditional knob tuning, is a bit better suited to manual band scanning. With practice, however, the keypad tuning is soon mastered. The 5 LED signal strength indicator is just as useless as the overly optimistic S meter of the FRG-7. Background noise, presumably from the synthesizer, is more noticeable on the Uniden. The Uniden is far better suited for LW/MW DXing since the FRG-7 is poor on MW and does not cover LW.

Exalted carrier reception is highly stable as previously mentioned. Unfortunately, selectivity is not good enough to offer selectable sideband operation. SSB is quite acceptable except when listening on crowded ARO bands. Utility DXing is certainly possible, again mainly because of the already heralded stability. CW selectivity could be enhanced by using an external audio filter if so desired.

The Uniden is far from being perfect. It is, however, a definite improvement over the Sony 2001, and I prefer it to the FRG-7. The Uniden is general coverage and much more portable. In fact, the Uniden does so many things in a fair manner that it is hard not to like it! It is hard to believe that this rig costs less than the FL44A filter for my ICOM. Good DXing! // Thanks, John! See you next month! 73-*Jim*



Computer Corner

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

Welcome to Shortwave Center's Computer Corner which will be a regular feature for at least the next 12 months. For better or worse, our fearless SWC editor has recruited yours truly to do the Computer Corner.

Actually, this column can be blamed on Ed Shaw. A little over a year ago, while he was doing Technical Topics for SWC, Ed called for shortwave related computer Programs. I had been thinking that a computer could make the shortwave hobbyist's life easier and decided to find out. The local K-Mart provided a VIC-20 and it's been downhill from there. Expansion memory and a datasette were soon added to the VIC. Last January the VIC was supplemented with a Commodore 64. A Printer, disk drives and monitor soon followed. Somehow I managed to teach myself to use these gadgets and authored, coauthored or adapted over 20 shortwave related Programs, most of which have been turned over to ANARC for distribution to interested shortwave hobbyists. My Programs which appeared in SWC have brought me correspondence from quite a few NASWA members and several long distance friendships have developed. Interestingly enough, I still find time to turn on the shortwave, after all, it started this whole thing.

Enough about me. Now for what I hope to do with the Computer Corner. The Computer Corner is not my show. It is your show. A few of the members have already done articles and Programs which have appeared in SWC. I want to encourage all interested members to contribute their computer Programs, articles, etc. to Computer Corner. I want all NASWA members using computers to let me know how they use their machines to improve their DXing and increase their hobby enjoyment. Several members of NASWA are worried that the computer hobby is drawing off membership, that people are being bit by the computer bug and giving up their DXing. How do those of you using computers feel about that? Now that you compute do you DX more, less, about the same?

My equipment is Commodore. The Computer Corner will reflect this bias in programming unless some of the members with other computers share their Programs. I have sufficient material to do 6 columns, but promised 12. If you don't want 6 empty columns, please contribute!

Next month The Computer Corner will feature a Program I coauthored with Doug McClure, also a NASWA member. Reception Report writes your reception reports and more. You'll have to wait until next month to see.

REMark: I have had some inquiries about problems with Joe Polchlopek's Program which ran in the August issue. It seems that after typing in and setting up the Program for their home QTH, members were getting some outrageous distances and bearings to DX stations. Since Joe is in the process of moving himself and family from Japan to Norfolk, Va. I have taken the liberty to give the answer to the Problem.

The solution is in Joe's article, however, it is cryptic. If your QTH is in an area of West Longitude you must use a minus (-) sign in front of your longitude when changing it in line 24 L1. Thus my longitude entry in line 24 would read: L1=-74.5 When you make this change you must delete Program lines 206-208 as indicated in line 11.

It Was A Night of Victory, but not for me! By John Meritz Jr.

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radio anzoátegui

The story I am about to tell is meant to be humorous, at least that is the way the event struck me, ultimately!

Back on the evening of December 5th, 1983, around 0245 GMT, I was spinning the bands looking for stations. I started at my usual marker, 5000 kHz, and worked the band spread dial on my 180 back down 60 meters. My ears quickly perked up upon hitting 4980 kHz, as I heard a woman speaking in english! I quickly hit the tape recorder and listened intently as she announced victory in the Venezuelan elections by a Sener Lucenci (not sure of the spelling). She said it was a joyous day for the Accion Democratica and continued talking in english, giving the family history of the winner.

Being a veteran dxer, the thought immediately crossed my mind that perhaps some of the lesser heard YVs would be audible under these circumstances. My ears watered at the thought! I opened up my WRTM and decided to turn on the 2001 and hit the frequencies of those inactive and not too often heard stations. I was having little luck until I punched in 6020 kHz. A poor signal there, but the Spanish talk caught my ear. I immediately went back to the 180 in hopes of digging something out. Being a normal human being, I would be cheating in this story if I did not tell you that I thought of the YV that broadcasted on this frequency, Radio Anzoátegui. How long had it been since they were last legged?

I set the recorder and gave a listen, playing with all the dials and knobs on the 180 trying to improve reception. I listened and felt sure I was hearing cuts from a victory speech by an individual. He mentioned almost all the South American countries at times in his speech. About every ten minutes or so, the station announcer would break in and would speak over obviously joyous music. Something of a celebration I concluded. At 0425 GMT he came on and I felt sure he gave an identification for Radio Anzoátegui!!! Now I was really excited, although the ID remained tentative. I listened until 0458 GMT. Oops, I should have noted earlier that I tuned in at 0415 GMT. The station was killed off by the VOA coming on at 0458 GMT.

I was really intrigued now. I quickly played back my tape a number of times, and each time I played it back I kept getting more certain that Radio Anzoátegui was what I had heard. But the static and noise on the frequency kept troubling me from being completely certain. I was not 100% sure, but I decided to take my chance and write a report of tentative reception to the station. I sent off my report with details noting that I felt it was a special election broadcast, with a speech by the President-elect being broadcast in edited versions, with the station announcer in between.



radio anzoátegui

Audiencia efectiva
Las 24 Horas
1er lugar

Two months passed and nothing turned up in my mailbox. Finally, in early February, I came home from work one night and saw the envelope on the table. It was a letter from Radio Anzoátegui! I quickly opened it up, got out my SS dictionary and started to translate it. The letter was from Gerente General Luis Armande Arreaza G. In addition to the letter he also sent along his business card and some very nice stickers from the station. Following is a translation of the letter.

"It serves for the present, in order to show you our gratitude for the received correspondence, in that which you verify to us the reception of our broadcasting station, on your receiver Hammarlund HQ180—and antenna of 50 meters longitudud.

This is exciting for the personnel that works in this broadcasting station, due to which, it comforts us that signal reaches a place so distant from our country, and that it should have the acceptance of at least some inhabitant of that band.

We take advantage of the occasion to make you know that "Radio Anzoátegui" is a broadcasting station of youthful style, which works 24 hours a day, and that actually we occupy 1st place in tuning in the younger than 35 years old population.

Normally we fulfill events for our public with great success. For example in December of 1983, we have fulfilled for the second time a Christmas contest, in which there participated more than 200 families; also a children's festival, where the children could enjoy, equally the elder ones—which attended the event, but the most important one has been one that we made happen on Silver Island, that which we call "Sun and Samba". Silver Island is a small island, very beautiful and known in all the country. There we gathered around 5000 persons among young people, adults, and children.

With this, we say goodbye, grateful to you one more time for the acceptance of our signal and you receive a friendly greeting from all the personnel who work at this station."

I stopped reading and started to reflect upon this letter I had just received. I was starting to get excited when I noticed a "Nota" at the end of the letter. The "Nota" was as follows: "Our transmitter of 6020 kHz doesn't function since many years ago. Attentively, Luis Armande Arreaza Garcia".

What!!! I was mortified!!! What!!! The reality finally sunk in with a second reading of the letter. I had not heard Radio Anzoátegui and I had not verified them. I thought about writing back and asking if they were on just that one night, and I realized that surely Senor Arreaza Garcia would have told me that, and I just flipped the letter onto a stack of junk mail next to the receiver.



radio anzoátegui

Lic. LUIS ARMANDO ARREAZA G.
GERENTE GENERAL

AV. 5 DE JULIO - EDIFICIO YOCOMA - TELEFONO: (061) 771113 - 771778 - BARCELONA

As weeks and months passed the whole incident continued to bother me. I had made a mistake and my eye was more than bruised. It was not the first time I had made a mistake and most likely not the last, however, it kept bothering me. I finally realized that I had to tell this rather amusing story, and so I have. I feel much better now, having related my anger, my hopes, my despair. The whole thing is rather funny in retrospect.

I could go on and make some serious statements about listening and QSLing, but my incident does not strike me that way. It just strikes me as funny now. I wonder if Arreaza Garcia was actually earnest in his letter? Perhaps he got a great kick out of putting in his "Nota"? Well, it is kind of funny, no?

Somebody won that night, but it was not me!!! On to the next QSL...

Welcome aboard to Bill Cole, our newest SWC columnist, who will take care of your computer-related questions and comments in his "Computer Corner". Also, welcome back is due former SWC editor John "Rock 'n Roll" Moritz! ?3s, *Herb*



Pappas on Programming

NICK PAPPAS
8570 CEDAR COVE DRIVE
ORLANDO, FL 32811

THE IMPACT OF EMPIRES - Some thoughts on broadcasting in Africa.

AFRICA - THE DARK CONTINENT. A land of great geographic, economic, political, historical, and cultural diversity. Each of these elements plays an important role in determining the character of the nations of Africa, and in turn, determining the character of broadcasting systems operating within Africa. It can be argued that the variable with the greatest impact upon broadcasting in Africa, more specifically Anglo and Francophone Africa, is history.

Broadcasting in Africa began when much of the continent was under foreign domination, and it was the Colonial powers who established the prototypes from which present-day systems, Anglo and Francophone have evolved. To understand broadcasting in Africa today, one must examine the basic Colonial philosophies of Britain and France.

The two great powers had two distinct ways of governing their colonies. British rule was a case of classic imperialism. Often governing through the policy of "indirect rule", the British empire often granted local autonomy to native administrators. Britain tended to allow retention of native identity, yet made its presence known through economic, legal, administrative, and military subjugation.

Conversely, the French employed the Gallic Colonial theories of "la mission civilisatrice" and "la pacte imperiale". French rule emphasized strong administrative centralization and attempted to control and unify its Colonial territories by burying local identity with French culture. In essence, it was their attempt to civilize black Africa.

Radio broadcasting spread throughout Africa, and the broadcast policies developed by Britain and France for their colonies were simply extensions of their basic Colonial doctrines. Britain, in keeping with its "indirect rule" policy, established stations to serve local populations, trained natives for technical, administrative and performance roles, and used radio as a tool of education and information. British broadcast policies encouraged development of local culture through broadcasts in native languages and the presentation of local music.

French Colonial radio, in keeping with the policy of "la mission civilisatrice," was used primarily as a tool to further impose French culture upon native Africans. There was little local programming; in fact, the imposition of French culture, coupled with the French centralization policy, created a dependence on rebroadcasts of programs produced in France for broadcast in France. Centralization resulted in the establishment of a relatively small number of high powered stations to cover large areas, rather than a greater number of smaller stations to cover smaller areas.

Predictably, the effects of independence from Colonial rule upon the broadcasting systems of African states varied greatly, depending on which empire one examines. Native broadcasters in British colonies were well-suited to take the reins of control upon independence - they had essentially been running the show for some time. Broadcasters in French colonies, however, were still heavily dependent upon their former subjugators, and this relationship continues even today. In an attempt to sever the Colonial umbilical cord, France established a program of aid to assist its former colonies in developing more independent broadcast systems. Although the French aid program succeeded in training Africans for broadcasting, the reliance upon France for programming continued (18,000 hours were sent to Africa in 1970). Perhaps this is one explanation as to why the programs coming from Lome, Yaounde, Abidjan, Et Al, tend to sound very much alike.

And the situation today? Former British colonies have continued, for the most part, upon the paths forged in the early days of African broadcasting. One notable exception is Nigeria, whose broadcasting system has moved increasingly toward federalization. The situation is quite different in Francophone Africa. While some systems have remained virtually unchanged, others appear to be moving away from strong central control toward a more regional approach to broadcasting. Radio in Cameroun may be the best example of this move toward localism.

History has certainly played a significant role in determining the nature of broadcasting in Africa. Yet as time goes by, the effects of Colonial heritage will diminish and the effects of other variables will be felt. Politics, economics, culture, and geography will play the primary roles in determining the future evolution of broadcasting in Africa. Independence will finally be complete.

Listeners NOTEBOOK

TRT

THE VOICE OF TURKEY

P. O. BOX 333

Yenişehir/ANKARA - TÜRKİYE



DAILY PROGRAMME SCHEDULE

	ENGLISH	GERMAN	FRENCH	ARABIC
MONDAY	1st Time Did You Know That? Culture and Art Turkish Clubs with Related Shows	Did You Know That? Culture and Art Turkish Clubs with Related Shows	Turkish Clubs with Related Shows Turkish Drama	Turkish Drama Did You Know That?
	4th Time	Did You Know That? Culture and Art Turkish Clubs with Related Shows	Turkish Clubs with Related Shows Flowers of Hope	Turkey, a Health Report Did You Know That?
TUESDAY	1st Time Animals: The Status Track of Christianity	Latter Day Turkish Shows	Animals: Did You Know That? Culture and Art	Turkish Foreign Policy
	4th Time	Animals: Land of Gods Man	Latter Day Turkish Shows with Related Shows	Animals: Did You Know That? Culture and Art
WEDNESDAY	1st Time Latter Day Turkish Shows	Animals: The Status Track of Christianity	Latter Day	Advances of Turkey Shows
	4th Time	Latter Day Turkish Shows	Animals: Land of Gods Turkish Shows	Latter Day
THURSDAY	1st Time Turkish Foreign Policy Turkish Shows	Animals: Turkish Songs and Lyrics	DS Progress Animals, His Shows, Track of Christianity	Animals: Turkish-Animals Shows
	4th Time	Turkey Land for Innocence Turkish Shows with Related Shows	Animals: Turkish Shows with an Explanation	DS Progress Animals: Land of Gods
FRIDAY	1st Time Animals: Interesting Cases in Turkey	Turkish Foreign Policy: Interesting Cases in Turkey	Turkish Foreign Policy: Interesting Cases in Turkey	Self Exam: Land Us on Air! Culture and Art
	4th Time	Animals: Interesting Cases in Turkey	Turkey Land for Innocence: Interesting Cases in Turkey	Self Exam: Land Us on Air! Culture and Art
SATURDAY	1st Time Revised DS Content	Revised DS Progress	Revised Turkish Songs and Lyrics	Revised Interesting Cases in Turkey: Turkish Shows
	4th Time	Revised DS Content	Revised DS Progress	Revised Turkish Shows with an explanation
SUNDAY	1st Time Animals: Fla./Show	Animals: Fla./Show	Animals: Fla./Show	Animals: Fla./Show
	4th Time	Animals: Fla./Show	Animals: Fla./Show	Animals: Fla./Show

The Voice of Turkey can make changes in its broadcasts when necessary.

DAILY PROGRAMME SCHEDULE

BROADCASTING ZONES	HOURS (GMT)		LANGUAGES	
	MTWTFSS	MTWTFSS		
EUROPE	7311	22:00-23:00	21	ENGLISH
	11901	23:00-23:30	24	ENGLISH
	7311	19:00-20:00	21	GERMAN
	7311	21:00-22:00	21	FRENCH
	9011	22:00-23:00	21	TURKISH
	11310	24:00-24:30	19	TURKISH
	11901	14:00-23:00	25	TURKISH
	13021	14:00-23:00	19	TURKISH
NORTH EAST AMERICA	11710	22:00-23:00	21	ENGLISH
	11711	23:00-24:00	21	ENGLISH
SOUTH EAST ASIA	11710	22:00-23:00	21	ENGLISH
	11911	19:00-19:30	21	ARABIC
	11911	18:00-19:00	21	ARABIC
	11911	18:00-19:00	21	TURKISH
MIDDLE EAST	7190	22:00-23:00	21	ENGLISH
	11901	22:00-23:00	21	ARABIC
	11901	18:00-19:00	21	ARABIC
	11901	18:00-19:00	21	TURKISH
NORTH AFRICA	9470	19:00-19:30	21	ARABIC
	9470	19:30-19:40	21	ARABIC
	9470	19:00-19:30	21	TURKISH
	9741	14:00-23:00	21	TURKISH
BALKANS	11221	18:00-19:30	21	BULGARIAN
	11220	18:00-19:30	21	ROMANIAN
	11220	11:00-11:30	21	SERBIAN
	11220	11:30-11:40	21	ALBANIAN
	11220	12:00-12:30	21	GREEK
	7311	14:00-17:00	21	GREEK
	7311	19:00-19:30	21	GREEK
	7311	04:00-09:00	21	TURKISH
NORTH WEST ASIA	17901	12:00-13:00	14	ENGLISH
	17901	13:00-13:30	14	URDU
	17901	12:30-14:00	14	PERSIAN
	11220	17:00-18:00	21	AFGHANISTANI
	9470	22:00-23:00	21	AFGHANISTANI
	11770	04:00-09:00	21	TURKISH
NORTH WEST ASIA	11220	12:00-13:00	21	BULGARIAN
	11220	13:00-14:00	21	ROMANIAN
	11220	14:00-15:00	21	TURKISH
FAR EAST	17901	04:00-09:00	14	TURKISH

Front Cover: Detail of Carpet.

KNLS - The New Life Station, P.O. Box 473, Anchor Point, Alaska 99556

English Language Program Schedule for period May 6 thru Nov. 3, 1984

Time of Airing UTC		Days of Week	Title and Description of Program
0700	1730	Everyday	"Chuck Cecil's Swingin' Years", Big Band music from the 1930's and 1940's, hosted by Chuck Cecil. (1 hour)
0700	1730	Everyday	"Heartbeat" by Landon Saunders (1 to 3 min.) "Direction" by Rubel Shelley (5 Min.) Talks by John Fisk (1 to 3 Min.) Inspirational talks on current topics during breaks in Chuck Cecil's program.
0800	1830	Mon. thru Fri.	"Jazz E", the best of popular jazz, hosted by Hilton Merritt (30 Min.)
0800	1830	Sat. and Sun.	"Faith for Today", inspirational talk on Bible subject (15 Min.)
0815	1845	Sat. and Sun.	"Just for Women", discussion topics by women for women, hosted by Jané Taylor. (15 Min.)
0830	1900	Everyday	"Daily Bible Reading", reading of the New Testament without comment (15 Min.)
0845	1915	Sat. Sun. Tues. and Thur.	"Good News in Song", music of the church, sung A Capella (15 Min.)
0845	1915	Mon. Wed. Fri.	"Hymns from Harding", college students sing music of the church, A Capella. (15 Min.)
0900	1930	Mon. Wed. Fri.	"Herald of Truth", discussions relating everyday life and the Bible, with Batsell Barrett Baxter and Harold Hazelip. (30 Min.)
0900	1930	Tues. and Thur.	"Classical Music", music by the great masters, hosted by Daniel Barber. (30 Min.)
0900	1930	Sat. only	"Insight", current events in the light of the Bible, hosted by Ray Mooney. (30 Min.)
0900	1930	Sun. only	"Family Living Today", discussion of elements bringing happiness in marriage and family life. (30 Min.)

0700 to 0930 UTC programs beamed to Pacific coast of Asia.
Frequencies: 11,940 KHz from May 6 thru Sept. 1, 1984
6,100 KHz from Sept. 2 thru Nov. 3, 1984

1730 to 2000 UTC, programs beamed to Europe.
Frequencies: 11,790 KHz from May 6 thru Sept. 1, 1984.
6,085 KHz from Sept. 2 thru Sept. 29, 1984.
6,095 KHz from Sept. 30 thru Nov. 3, 1984.

4/26/84 FMP

FREQUENCIAS · FREQUENZEN · FREQUEN FRECUENCIAS · FREQUÊNCIAS · FREKV

Time		Shortwave		Mediumwave		Time		Shortwave		Mediumwave		Time		Shortwave		Mediumwave							
UTC	kHz	Metres	kHz	Metres	UTC	kHz	Metres	UTC	kHz	Metres	UTC	kHz	Metres	UTC	kHz	Metres	UTC	kHz	Metres				
EUROPA						EUROPA						AFRICA						FERNOST FAR EAST					
ENGLISH						PORTUGUÉS						ENGLISH						ENGLISH					
15.15 6115 49,06 7185 41,75 9730 30,83						16.45 7185 41,75 7300 41,10 18.15 7185 41,75 7260 41,32 7300 41,10 9730 30,83						03.45 11720 25,60 Eastafric 9500 31,58 Westafric 11.45 9665 31,04 Northwestaf 11890 25,23 Northwestaf 14.45 11785 25,46 Westafric 15255 19,66 Westafric 17.15 15145 19,81 Eastafric 9665 31,04 Centralafr. 15390 19,49 Centralafr. 18.45 9665 31,04 Centralafr. 11810 25,40 Centralafr. 15390 19,49 Centralafr.						07.15 21540 13,93 08.45 21540 13,93					
16.45 6115 49,06 7260 41,32 9730 30,83						20.30 7185 41,75 7300 41,10 9500 31,58 9560 31,38 9645 31,10						FRANÇAIS						DEUTSCH					
18.15 6080 49,34 1359 220,0 6115 49,06						22.15 6010 49,92 6040 49,67 9500 31,58 11785 25,46						05.15 9500 31,58 Afr.Occ. 11795 25,43 Afr.Occ. 12.30 9665 31,04 Nord-ouest 11890 25,23 Nord-ouest 14.00 11705 25,63 Afr.Or. 15145 19,81 Afr.Or. 11785 25,46 Afr.Occ. 15255 19,66 Afr.Occ. 15.30 11785 25,46 Afr.Occ. 15255 19,66 Afr.Occ. 16.15 11785 25,46 Afr.Occ. 15255 19,66 Afr.Occ. 19.30 9665 31,04 Afr.Centr. 11810 25,40 Afr.Centr. 15390 19,49 Afr.Centr. 9620 31,19 Nord-ouest						06.00 21540 13,93					
20.30 6080 49,34 9620 31,19																							
21.15 6080 49,34 1359 220,0																							
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19.45 7185 41,75 7260 41,32 9600 31,56 9730 30,83						16.45 6080 49,34 1359 220,0 19.00 6080 49,34 6115 49,06 7260 41,32																	
21.15 6115 49,06 7185 41,75 7260 41,32 9730 30,83																							
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19.00 7185 41,75 1359 220,0 7300 41,10 9730 30,83						17.30 6080 49,34 6115 49,06																	
20.30 6115 49,06 1359 220,0 7260 41,32 9665 31,04 9730 30,83						19.45 6080 49,34 1359 220,0 6115 49,06 7300 41,10																	
ACHUNG																							
Die Sendungen in deutscher Sprache um 10.00 Uhr UTC, 13.30 Uhr UTC und 21.30 Uhr UTC können auch in Europa empfangen werden. Wählen Sie die günstigste Frequenz!																							
												ARABISCH اللغة العربية											
												10.45 9665 31,04 المغرب العربي 11890 25,23 المغرب العربي 18.30 9620 31,19 المغرب العربي											
												SWAHILI											
												11.45 Jijeni 11705 25,63 15145 19,81											
												01.30 usiku 11705 25,63 15145 19,81											
												PORTUGUÉS											
												03.00 11720 25,60 Afr.Or. 9500 31,58 Afr.Occ. 18.00 9665 31,04 Afr.Centr. 11810 25,40 Afr.Centr. 15390 19,49 Afr.Centr.											
																		Gültig von 1. bis Oktober 1984 * Valid from May to October 1984 * Valable de mai à octobre 1984 * Valido de mayo a octubre del 1984 * Katiba hi imanzini Mei hedi Oktoba 1984 * Válido de Maio até Outubro de 1984 * Vigente de mayo a octubre de 1984 * Gyldig fra Maj til Oktober 1984 * Gültig från maj till oktober 1984 * مدة سريان عمل هذا الجدول : ايار/مايو - تشرين الاول/اكتوبر 1984 * वैश्या ही अर्थी मई - अक्टूबर १९८४					



Time		Shortwave		Time		Shortwave		Time		Shortwave	
UTC	kHz	Metres	UTC	kHz	Metres	UTC	kHz	Metres	UTC	kHz	Metres
NAHOST/الشرق العربي			SOUTH EAST ASIA			AMERICA LATINA			USA/CANADA		
MIDDLE EAST											
DEUTSCH			ENGLISH			PORTUGUÊS			EAST COAST		
04.30 9730 30,83 11700 25,64 15240 19,69 17875 16,76			05.45 17700 16,95 17740 16,91 17800 16,85 21540 13,93			22.15 6010 49,92 6040 49,67 9500 31,56 11785 25,46			23.15 9730 30,83 11975 25,05 00.00 9730 30,83 11975 25,05		
10.00 9730 30,83 11700 25,64 15240 19,69 17755 16,90			11.15 15440 19,43 17700 16,95 21465 13,96 21540 13,93			02.00 6040 49,67			01.30 9730 30,83 11975 25,05		
13.30 9730 30,83 11700 25,64 15100 19,87 15240 19,69 17300 41,10 16.30 15100 19,87 17.45 11700 25,64			12.30 15440 19,43 17700 16,95 21465 13,96 21540 13,93			ESPAÑOL					
			14.15 15450 19,42 17700 16,95 17680 16,76			23.00 6010 49,92 6040 49,67 6070 49,42 9500 31,56 9600 31,25 9620 31,19					
ARABISCH			HINDI			00.30 6010 49,92 6040 49,67 6070 49,42 9500 31,56 9620 31,19			DEUTSCH		
10.45 9730 30,83 11700 25,64 15240 19,69 17755 16,90			06.30 17700 16,95 17740 16,91 17800 16,85 21540 13,93			11785 25,46			00.45 9730 30,83 11975 25,05		
12.30 9730 30,83 11700 25,64 15240 19,69 17725 16,93			10.45 15440 19,43 17700 16,95 21465 13,96 21540 13,93			02.45 6040 49,67 6070 49,42 9600 31,25 9620 31,19					
15.30 11700 25,63 15100 19,87 15145 19,81 18.30 11700 25,64			12.00 15440 19,43 17700 16,95 21465 13,96 21540 13,93			04.15 6040 49,67			WEST COAST		
			13.15 17700 16,95 21465 13,96 21540 13,93						ENGLISH		
ENGLISH			DEUTSCH			DEUTSCH			ENGLISH		
11.45 9730 30,83 11700 25,64 15240 19,69 17755 16,90			10.00 15440 19,43 17700 16,95 21465 13,96 21540 13,93			21.30 6010 49,92 6070 49,42 9500 31,56 9600 31,25 9620 31,19			02.30 9560 31,38 11840 25,34 11975 25,05 05.30 9560 31,38 11975 25,05		
						ENGLISH			DEUTSCH		
FRANÇAIS						02.00 9600 31,25 9620 31,19			03.15 9560 31,38 11840 25,34 11975 25,05		
12.30 17755 16,90 <i>Kaghaz</i> 14.00 15100 19,87						22.15 6070 49,42 9600 31,25 9620 31,19			06.15 9560 31,38 11975 25,05		



ISSN 0323 - 8660
Ag 142/53/84

radio rsa

THE VOICE OF SOUTH AFRICA
DIE STEM VAN SUID-AFRIKA

P. O. BOX 4559
JOHANNESBURG
2000

FREQUENCY SCHEDULE

TIME U.T.C.	TARGET AREA	LANGUAGE	FREQUENCIES
02H00-02H56	USA and Canada	English	8815 kHz (31m) 8020 kHz (40m)
03H00-04H36	East, Central and Southern Africa	English	8685 kHz (31m) 7270 kHz (41m) 8880 kHz (40m)
04H30-05H30	Caprivi and Zambia	Lozi	8880 kHz (40m)
04H30-05H28	Central Africa	French	11800 kHz (25m) 9085 kHz (31m)
05H30-06H28	West Africa, France, Belgium and Switzerland	French	17780 kHz (16m) 18220 kHz (19m)
06H30-07H30	West, East, Southern Africa, UK and Ireland	English	17780 kHz (16m) 18220 kHz (19m) 7270 kHz (41m)
08H30-08H56 SUNDAYS ONLY	Kenya, Tanzania, Zambia and Zimbabwe	Afrikaans	17780 kHz (16m) 11900 kHz (25m)
08H00-08H56 SUNDAYS ONLY	Southern Mozambique	Tsonga	7270 kHz (41m)
10H00-10H28	Portugal, Angola and Mozambique	Portuguese	26790 kHz (11m) 11800 kHz (25m)
10H30-11H30	Caprivi and Zambia	Lozi	11800 kHz (25m)
11H00-11H56	Central, East, West Africa Middle East, UK and Ireland	English	26790 kHz (11m) 21535 kHz (13m) 18220 kHz (19m)
12H00-12H56	Central Africa France, Belgium and Switzerland	French	26790 kHz (11m) 21535 kHz (13m) 18220 kHz (19m)
13H00-15H56	Central, East, West, Southern Africa Middle East, UK and Ireland	English	26790 kHz (11m) 18220 kHz (19m) 8885 kHz (31m)
16H00-16H56	Caprivi and Zambia	Lozi	8880 kHz (40m)
16H00-16H56	Kenya, Uganda and Tanzania	Swahili	11900 kHz (25m) 8685 kHz (31m)
16H00-16H56	Netherlands and Belgium	Dutch	21530 kHz (13m) 16185 kHz (19m)
17H00-17H56	Malawi, Zambia and Zimbabwe	ChiChewa	7270 kHz (41m) 4890 kHz (50m)
17H00-17H56	Germany, Austria & Switzerland	German	21530 kHz (13m) 16185 kHz (19m)
18H00-18H56	Central Africa	French	11800 kHz (25m) 7270 kHz (41m) 8885 kHz (40m)
18H00-18H56	Portugal, Angola and Mozambique	Portuguese	11900 kHz (25m) 7270 kHz (41m) 8885 kHz (40m) 3230 kHz (50m)
20H00-20H56	West Africa, France, Belgium and Switzerland	French	11800 kHz (25m) 9085 kHz (31m) 7270 kHz (41m)
21H00-21H56	West Africa, UK and Ireland	English	11800 kHz (25m) 8685 kHz (31m) 7270 kHz (41m)
22H00-22H56	Brazil	Portuguese	8880 kHz (31m) 8085 kHz (40m)
23H00-00H56	Latin American Continent	Spanish	8880 kHz (31m) 8180 kHz (40m)

TRANSMISSIONS, FREQUENCIES AND PROGRAMMES ARE
SUBJECT TO CHANGE, DUE TO PROPAGATION CONDITIONS
OR INTERFERENCE. FREQUENCY AMENDMENTS AS FROM
SEPT. 1984 TO BE ANNOUNCED OVER THE AIR.



ÖSTERREICHISCHER RUNDFUNK

S (1984)

Short Wave Service

TRANSMISSION SCHEDULE

2.9. - 4.11.1984

Area	Time UTC	Frequency kHz	Wavelength m	Antenna	Power kW	
Europe	0500-2300	6000	1)	50,00	TRO/ND	10
	0500-0700	6155		48,74	HQ/ND	300
	0700-1700	6155		48,74	HQ/ND	100
	1700-1900	6155	2)	48,74	HQ/ND	500
	1300-1500	7165		41,87	VER/ND	100
	1900-2300	5945		50,46	HQ/ND	100
	2100-2300	7170		41,84	VER/ND	100
Europe North	1200-1300	9770		30,71	LPH/0°	100
Europe South East	0900-1200	7170		41,84	LPH/160°	100
Europe South West	1300-1700	12015		24,97	LPH/240°	100
North America	0000-0400	5945		50,46	HR/310°	100
	1200-1300	15320		19,58	HR/310°	500
North America East	0000-0400	9770		30,71	RHO/303°	100
North America West	0400-0600	5945		50,46	HR/325°	100
		11665		25,71	LPH/325°	100
Central America	0200-0400	9580		31,31	LPH/275°	100
South America	2300-0200	9760		30,74	LPH/255°	100
South America East	2100-2300	11665		25,71	HRS/235°	100
		15225		19,70	HR/240°	500
	2300-0200	11705		25,63	HRS/235°	300
Africa W./S.W. Europe	1900-2100	11660		25,72	LPH/230°	100
Africa South	1700-1900	17790		16,86	HR/170°	100
	1900-2100	11835		25,35	HR/170°	500
		11660		25,72	LPH/140°	100
Africa East	1700-1900	11660		25,72	LPH/140°	100
Near East	0600-0900	15410		19,47	HRS/115°	100
	1700-2000	11660		25,72	HRS/115°	100
S.Asia/S.E.Asia	1500-1700	12025		24,97	HRS/95°	100
		15365		19,52	HR/95°	500
Australasia	0700-0900	15270	3)	19,65	HRS/265°	300
	1000-1200	15130		19,83	HR/85°	500
E.Asia	1000-1200	15275		19,64	HRS/55°	100
	1300-1500	11850		25,32	HR/50°	500

1) Home Service ALDRANS 11°27'E/47°15'N 1 x 10 kW

2) SSB (red. carrier)

3) Long route

Foreign Service MOOSBRUNN 16°28'E/48°00'N 3 x 100 kW
1 x 300/500 kW

ND = omnidirectional HQ = horizontal quadrant

TRO = tropical antenna LPH = log. per. horiz.

RHO = rhombus

HR = curtain turnable

HRS = curtain slewing

AUSTRIAN RADIO
Technical department
P.O. Box 200
Austria

Vienna, 1.8.1984

TD 2/Ru/avk

S 84

RADIO JAPAN TIME AND FREQUENCY SCHEDULE

September 2 (04:00 UTC).....November 3, 1984

NHK 国際放送「ラジオ日本」実施表

昭和59年9月2日(日本時間13時).....11月3日

REGIONAL SERVICE (地域向け放送)

UTC(GMT)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	
TRANSMISSION	JST	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9	10
Middle East & North African Service (中東・北アフリカ向け)																										
North American Service (北米向け)																										
North & Central & South American and Hawaiian Service (中米・北米西部・ハワイ向け)																										
South American Service (南米向け)																										
European Service (1) (欧州向け I)																										
European Service (1), (2) * (欧州向け I・II)																										
European Service (3) (欧州向け III)																										
Australian & New Zealand Service (オセ・ニュージーランド向け)																										
Asian Continent Service (3) (アジア大陸向け III)																										
Asian Continent Service (4) (アジア大陸向け IV)																										
South Asian & African Service (南アジア・アフリカ向け)																										
LOCAL TIME																										

To improve reception conditions, the frequencies of Radio Japan are partly changed on the first Sunday of March, May, September and November each year.
 (受信条件の改善のため、ラジオ日本は、毎年3月、5月、9月、11月の最初の日曜日に周波数を変更いたします。)

TRANSMITTER POWER: ● 500 kW ▲ 50 kW
 ○ 200 kW Others 100 kW



BROADCASTING SCHEDULE

V 1984 - XI 1984 (ALL TIMES GMT)

POLISH

06.00-07.00 31.50; 41.18; 49.27; 50.04; 200 m (8928, 7285, 11840, 6136, 6095 kHz)
07.00-08.00 31.01; 41.18; 41.27; 48.90; 48.22; 50.04; 200 m (8975, 7285, 7270, 6136, 6095, 5995, 1503 kHz)
12.30-13.00 31.45; 48.90; 200 m (9540, 6136, 1503 kHz)
15.30-16.55 31.45; 48.90; 200 m (9540, 6136, 1503 kHz)
16.30-17.30 31.45; 42.11 m (1840, 7125, 6136 kHz)
19.00-19.25 31.45; 48.90; 50.04; 200 m (9540, 6136, 5995, 1503 kHz)
19.00-19.25 41.18; 49.27; 50.04; 200 m (7285, 6095 kHz)
21.00-21.30 31.01; 41.18; 49.27 m (8975, 7285, 6095 kHz)
23.05-23.55 31.50; 41.18; 49.27; 230; 278; 308 m (8526, 7285, 6095, 1305, 1050, 819 kHz)

POLISH to North America

11.30-12.25 16.79; 25.34; 31.50 m (17865, 11840, 9528 kHz)
POLISH overseas service
00.00-02.00 19.84; 25.30; 31.50; 41.27; 41.90; 48.90; 49.22 m (15120, 11815, 9525, 7270, 7145, 6136, 6095 kHz)
04.00-05.55 19.84; 25.30; 31.50; 41.99; 49.27 m (15120, 11815, 9525, 7145, 6095 kHz)
13.00-13.55 31.01; 41.18; 49.27; 200 m (8975, 7285, 6095, 1503 kHz)
22.00-23.00 31.50; 41.18; 49.22 m (8925, 7285, 6095 kHz)

DANISH

14.30-14.55 31.45; 41.18; 48.90; 49.27; 50.04; 200 m (9540, 7285, 6095, 1503 kHz)
15.30-16.00 48.90; 50.04; 200 m (6136, 5995, 1503 kHz)
17.30-18.00 41.18; 49.27 m (7285, 6095 kHz)

ENGLISH

06.30-07.00 31.01; 41.27; 48.90 m (8975, 7270, 6136 kHz)
07.00-08.00 31.01; 41.27; 48.90; 49.27; 50.04; 200 m (8975, 7270, 6136 kHz)
14.00-14.30 41.18; 49.27 m (7285, 6095 kHz)
16.00-16.30 31.45; 48.90 m (9540, 6136 kHz)
17.30-18.00 31.45; 48.90 m (9540, 6136 kHz)
18.30-18.55 15.03; 18.30; 50.04; 200 m (7285, 6136, 5995, 1503 kHz)
20.30-20.55 41.18; 49.27 m (7285, 6095 kHz)
22.30-23.00 41.27; 42.11; 48.90; 50.04; 200 m (7270, 7125, 6136, 5995, 1503 kHz)

ENGLISH to Scandinavian Countries

15.00-15.30 41.18; 49.27; 50.04; 200 m (7285, 6095, 5995, 1503 kHz)
17.30-18.00 31.01; 50.04; 200 m (8975, 6095, 1503 kHz)
20.00-20.25 41.18; 49.27; 50.04; 200 m (7285, 6095, 5995, 1503 kHz)

ENGLISH to North America

19.84; 25.30; 31.50; 41.27; 41.99; 48.90; 49.22 m (15120, 11815, 9525, 7270, 7145, 6136, 6095 kHz)
03.00-03.55 31.01; 41.27; 48.90; 49.27; 50.04; 200 m (8975, 7270, 6136, 6095 kHz)

ENGLISH to Africa

12.30-13.00 19.84; 25.34; 31.01; 31.50 m (15120, 11840, 9575, 6925 kHz)
16.30-17.00 31.01; 31.50; 42.11 m (11840, 6975, 9525, 7125 kHz)
18.30-18.55 25.34; 31.01; 31.50; 42.11 m (11840, 9575, 9525, 7125 kHz)
20.00-20.30 31.01; 31.50; 41.90; 42.11 m (8975, 9525, 7145, 7125 kHz)

ESPERANTO

05.30-06.00 41.27; 48.90; 50.04; 200 m (7270, 6136, 5995, 1503 kHz)
11.00-11.25 31.50; 41.99 m (8925, 7145 kHz)
15.30-15.55 31.01; 41.18 m (8975, 7285 kHz)
16.30-16.55 41.18; 49.27 m (7285, 6095 kHz)
19.30-20.00 41.18; 49.27; 50.04; 200 m (7285, 6095, 5995, 1503 kHz)
21.30-21.55 41.18; 49.27; 50.04; 200 m (7285, 6095, 5995, 1503 kHz)

FRENCH

06.00-06.30 31.01; 41.27; 48.90 m (8975, 7270, 6136 kHz)
11.30-12.00 31.45; 42.11; 48.90 m (8540, 7125, 6136 kHz)
13.00-13.55 25.34; 31.50 m (11840, 6136 kHz)
15.00-15.30 25.34; 31.50 m (11840, 6136 kHz)
18.00-18.25 31.45; 42.11; 48.90 m (9540, 7125, 6136 kHz)
20.00-21.00 41.27; 48.90; 50.04; 200 m (7270, 6136, 5995, 1503 kHz)
22.00-22.25 41.27; 42.11; 48.90; 50.04; 200 m (7270, 7125, 6136, 5995, 1503 kHz)

FRENCH to Africa

13.30-13.55 19.84; 25.34; 31.50 m (15120, 11840, 9575 kHz)
17.00-17.55 15.30; 18.30; 50.04; 200 m (6136, 5995, 1503 kHz)
18.30-18.55 31.45; 49.27 m (9540, 6095 kHz)

GERMAN

12.00-12.25 31.45; 42.11; 48.90; 50.04; 200 m (9540, 7125, 6136, 5995, 1503 kHz)
14.00-14.30 31.45; 42.11; 48.90 m (8540, 6136, 1503 kHz)
15.00-15.30 31.45; 42.11; 48.90 m (9540, 7125, 6136 kHz)
16.00-16.30 41.18; 49.27; 50.04; 200 m (7285, 6095, 5995, 1503 kHz)
18.00-18.25 15.03; 18.30; 50.04; 200 m (7285, 6095, 5995, 1503 kHz)
19.00-20.00 41.27; 48.90; 50.04; 200 m (7270, 6136, 5995, 1503 kHz)
21.00-22.00 41.27; 42.11; 48.90 m (7270, 7125, 6136 kHz)

* FROM 20.30

	HORA DE CUBA	BANDA m / FRECUENCIAS kHz	HORA U.T.C.
ESPAÑOL PARA AMÉRICA	06:00 — 11:45	16/17795 — 19/15230 — 31/9685	11:00 — 16:45
	06:00 — 13:30	25/11760	11:00 — 18:30
	06:00 — 15:50	16/17795 — 16/17750	11:00 — 20:50
	17:00 — 19:50	25/11930	22:00 — 00:50
	17:00 — 21:00	31/9685	22:00 — 02:00
	17:00 — 22:00	25/11760	22:00 — 03:00
	17:00 — 01:00	19/15230 — 25/11725	22:00 — 06:00
	18:00 — 01:00	16/17795	23:00 — 06:00
	19:00 — 21:45	19/15340	00:00 — 02:45
	22:00 — 01:00	31/9685	03:00 — 06:00
INGLÉS PARA AMÉRICA DEL NORTE	20:00 — 23:50	25/11930	01:00 — 04:50
	22:30 — 01:00	25/11760	03:30 — 06:00
	01:30 — 03:00	25/11725	06:30 — 08:00
INGLÉS PARA EL CARIBE	15:50 — 16:40	16/17705 — 16/17750	20:50 — 21:40
	20:00 — 01:00	19/15300	01:00 — 06:00
	22:30 — 01:00	25/11760	03:30 — 06:00
FRANCÉS PARA EL CARIBE Y AMÉRICA DEL NORTE	22:00 — 22:30	25/11760	03:00 — 03:30
CREOLE PARA EL CARIBE	06:00 — 07:00	31/9685	11:00 — 12:00
	21:00 — 22:00	31/9685	02:00 — 03:00
PORTUGUÉS PARA AMÉRICA DEL SUR	04:00 — 05:00	25/11970	09:00 — 10:00
	18:00 — 19:00	19/15340	23:00 — 24:00
QUECHUA PARA AMÉRICA DEL SUR	05:00 — 05:50	25/11760	10:00 — 10:50
	17:00 — 18:00	16/17795	22:00 — 23:00
GUARANI PARA AMÉRICA DEL SUR	17:00 — 18:00	19/15340	22:00 — 23:00

EUROPA, AFRICA Y MEDIO ORIENTE

Idioma	HORA U.T.C.	BANDA m / FRECUENCIAS kHz
ESPAÑOL	06:30 — 07:30	25/11780
	09:30 — 10:45	25/11780
	16:00 — 20:00	16/17710 — 19/15230
	18:40 — 20:40	16/17795 — 19/15125
FRANCÉS	06:30 — 06:30	25/11780
	16:00 — 17:00	16/17710
	17:00 — 18:40	16/17795 — 19/15125
	19:00 — 20:10	16/17885
	21:00 — 22:00	19/15415 — 25/11705
INGLÉS	17:00 — 18:00	16/17710
	20:10 — 21:40	16/17885
	22:00 — 23:00	25/11705
PORTUGUÉS	07:30 — 08:30	25/11780
	20:00 — 21:00	16/17710 — 19/15230
ARABÉ	15:00 — 16:00	16/17710
	20:40 — 21:40	16/17795 — 19/15125

**SI DESEA
MAS INFORMACION
PUEDE ESCRIBIR A**

RADIO HABANA CUBA
Apartado de Correos 7026. La Habana, Cuba

RAI RADIOTELEVISIONE ITALIANA

sede legale: viale Mazzini 14 00195 Roma

ENGLISH LANGUAGE PROGRAMMES

ALL PROGRAMME TIMES
ARE LISTED IN GMT

GREAT BRITAIN							from 19.35 to 19.55 G M T	11800 kHz (25.42 m) 9710 kHz (20.90 m) 7275 kHz (41.24 m)
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY		
19.35-19.47 News	19.35-19.47 News	19.35-19.45 News	19.35-19.47 News	19.35-19.45 News	19.35-19.47 News	19.35-19.47 News	19.35-19.47 News	
19.47-19.55 The orchestra entertainings	19.47-19.55 Music for strings	19.45-19.55 Italian language lesson	19.47-19.55 Sound postcards	19.45-19.55 Italian language lesson	19.47-19.55 Operetta (5.10. Cio Italy)	19.47-19.55 Operetta (5.10. Cio Italy)	19.47-19.55 Operatic music	
MEDITERRANEAN AREA							from 04.25 to 04.40 GMT	7275 kHz (41.24 m) 5990 kHz (50.08 m)
NEAR EAST							from 20.25 to 20.45 GMT	11800 kHz (25.42 m) 9575 kHz (31.32 m) 7235 kHz (41.47 m)
20.25-20.37 News	20.25-20.37 News	20.25-20.37 News	20.25-20.37 News	20.25-20.37 News	20.25-20.37 News	20.25-20.37 News	20.25-20.37 News	
20.37-20.45 Songs from Italy	20.37-20.45 For orchestra alone	20.37-20.45 Light music	20.37-20.45 Operatic arias	20.37-20.45 Musical excursion	20.37-20.45 Piano pages	20.37-20.45 Piano pages	20.37-20.45 Neapolitan songs (5.10. Cio Italy)	
SOUTH ASIA							from 03.50 to 04.10 GMT	17795 kHz (16.86 m) 15330 kHz (19.57 m) 11800 kHz (25.20 m)
JAPAN							from 22.00 to 22.25 GMT	11800 kHz (25.42 m) 9710 kHz (20.90 m) 5990 kHz (50.08 m)
22.00-22.12 News	22.00-22.12 News	22.00-22.12 News	22.00-22.12 News	22.00-22.12 News	22.00-22.12 News	22.00-22.12 News	22.00-22.12 News	
22.12-22.25 Italian folklore	22.12-22.25 Welcome to jazz	22.12-22.25 Medieval and Renaissance music	22.12-22.25 Pop music (30.10. Cio Italy)	22.12-22.25 Evening concert	22.12-22.25 Let's go to the cinema	22.12-22.25 Let's go to the cinema	22.12-22.25 Light music	
NORTH AMERICA							from 01.00 to 01.20 G M T	11800 kHz (25.42 m) 9575 kHz (31.32 m)
01.00-01.15 News	01.00-01.15 News	01.00-01.15 News	01.00-01.15 News	01.00-01.15 News	01.00-01.15 News	01.00-01.15 News	01.00-01.15 News	
01.15-01.20 Tunes for whistling	01.15-01.20 No parking	01.15-01.20 Light music	01.15-01.20 Window on the bay	01.15-01.20 Light music	01.15-01.20 Light music	01.15-01.20 Light music	01.15-01.20 Contrast in music	

Trans World Radio

KTWR - P.O. BOX CC
AGANA, GUAM 96910



**K
T
W
R**

ASSAMESE

1430-1445 25 MB 11920

BENGALI

1500-1530 25 MB 11920

CANTONESE

1300-1330 31 MB 9590

2200-2230 25 MB 11715

ENGLISH

0845-1030 25 MB 11840

1330-1430 31 MB 9510

1415-1430 25 MB 11920

1500-1600 31 MB 9510

2400-2445 16 MB 17750

*2445-0100 16 MB 17750

*(Sat only)

HINDI

1530-1600 25 MB 11920

INDONESIAN

0930-1100 19 MB 15240

2200-2330 19 MB 15420

JAPANESE

1100-1415 25 MB 11765

2115-2200 25 MB 11840

MANDARIN

0900-1430 25 MB 11735

0900-1300 31 MB 9590

1100-1300 31 MB 9530

1300-1500 31 MB 9535

1430-1500 25 MB 11765

2200-2300 25 MB 11850

2230-2400 19 MB 15165

2245-2400 19 MB 15360

ORIYA

*1445-1500 25 MB 11920

*(Thu, Fri, Sat)

RUSSIAN

1030-1100 25 MB 11840

1500-1530 31 MB 9600

SANTALI

*1445-1500 25 MB 11920

*(Sun, Mon, Tue, Wed)

TAMIL

1430-1500 31 MB 9510

ALL TIMES IN UTC

ALL FREQUENCIES IN

KILOHERTZ

The Lord is my shepherd; I shall not want.

Psalm 23:1

FEBC Radio International
 Box 1, Valenzuela
 Metro Manila, Philippines

Cable: FEBCOM, MANILA

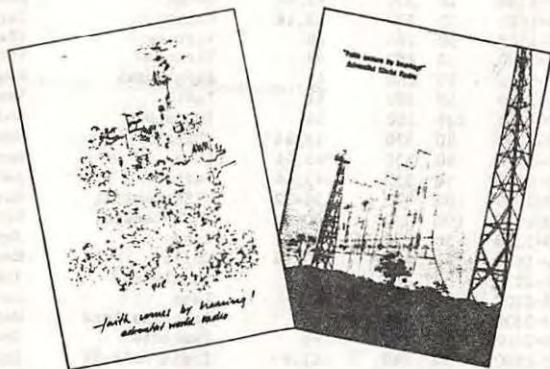
S-84 Frequency Schedule
 2 Sep - 3 Nov 84
 Telex ITT: MANILA 40048

kHz	Mt	Time (UTC)	kW	Azimuth	Zone	Service Area	Language
6030	49	1000-1200	10	140/320	50	Philippines	Tagalog
6030	49	2130-2300	50	140/320	50	Philippines	Tagalog
6030	49	2300-2315	50	140/320	50	Philippines	English
6120	49	1230-1300	10	330	43,44	China	Swatow
6120	49	1300-1330	10	330	43,44	China	Hakka
6120	49	1330-1600	10	330	43,44	China	Cantonese
9505	31	1130-1200	50	280	49	Vietnam	Viet. Tribal
9505	31	1200-1300	50	280	49	Vietnam	Vietnamese
9505	31	1300-1330	50	280	41	Bangladesh	Bengali
9505	31	1330-1400	50	280	41	India	Tamil
9510	31	2200-2345	100	200	54	Indonesia	Indonesian
9570	31	1100-1200	50	330	43,44	China	Mandarin
9590	31	2130-2300	50	330	43,44	China	Mandarin
9590	31	2330-2400	50	330	43,44	China	Amoy
9675	31	1400-1800	100	330	30-32	USSR-Central	Russian
9675	31	1800-1900	100	330	30-32	USSR-Central	German
9715	31	1030-1100	50	30/210	45	Japan	Japanese
9715	31	1200-1600	50	330	43,44	China	Mandarin
9715	31	2215-2230	50	280	49	Thailand	Thai
9715	31	2230-2300	50	280	49	Laos	Laos
9715	31	2300-2330	50	280	49	Laos/Thailand	Hmong
9715	31	2330-2400	50	280	49	Cambodia	Cambodian
11815	25	0100-0500	50	280	41,49	India/Asia-SE	English
11850	25	0800-1000	100	330	42-44	China	Mandarin
11855	25	1000-1030	100	200	54	Indonesia	Javanese
11855	25	1030-1145	100	200	54	Indonesia	Indonesian
11855	25	1145-1215	100	200	54	Indonesia	Sundanese
11855	25	1215-1400	100	330	42-44	China	Mandarin
11870	25	0500-0600	100	330	42-44	China	Cantonese
11870	25	0600-0800	100	330	42-44	China	Mandarin
11890	25	0500-1000	50	150/330	55,59,60	Australia/NZ	English
11890	25	1000-1030	50	150/330	43,44	China	Amoy
11890	25	1030-1100	50	150/330	43,44	China	Swatow
11895	25	1630-1730	50	280	39,40	Saudi Arabia	Tagalog
15300	19	1000-1030	50	240	54	Malaysia	Amoy
15300	19	1030-1100	50	240	54	Malaysia	Swatow
15300	19	1100-1130	50	240	54	Malaysia	Hakka
15385	19	1300-1430	50	293	49	Burma	Burmese
15385	19	1430-1500	50	293	49	Burma	Burmese Tribal
15390	19	1100-1115	50	293	49	Burma	Burmese Tribal
15390	19	1115-1130	50	293	49	Burma	Burmese Tribal
15390	19	1130-1200	50	293	49	Burma	Burmese Tribal
15390	19	1200-1300	50	293	49	Vietnam	Viet. Tribal
15390	19	1200-1300	50	293	49	Vietnam	Vietnamese
15410	19	0115-0130	50	293	49	Burma	Burmese Tribal
15410	19	0130-0145	50	293	41	India-NE	Kuki
15410	19	0145-0200	50	293	41	India-NE	Meitei
15410	19	0200-0230	50	293	41	India-NE	Ind. Tr. (Sat,Sun)
15410	19	2315-2330	50	293	49	Burma	Burmese Tribal
15410	19	2330-2345	50	293	49	Burma	Wa
15410	19	2345-0115	50	293	49	Burma	Burmese
15445	19	0000-0100	50	280	41,49	India/Asia-SE	English
15445	19	1115-1130	50	280	49	Thailand	Thai
15445	19	1130-1200	50	280	49	Laos	Laos
15445	19	1200-1215	50	280	49	Burma/Thailand	Burmese Tribal
15445	19	1215-1245	50	280	49	Cambodia	Cambodian
15445	19	1245-1600	50	280	41,49	India/Asia-SE	English
15445	19	2230-2300	50	240	54	Malaysia	Malay
15445	19	2300-2400	50	240	54	Malaysia	English
21475	13	0500-1000	10	285	41,49	India/Asia-SE	English
21475	13	2300-0500	2	140	51,55,60	Papua New Guinea	English

AWR-EUROPE

FAITH COMES BY HEARING... ROMANS 10:17

Volume 14 No 4 AWR, Am Eifengrund 66, Darmstadt 13, W. Germany Autumn 1984



DX-ers--

AWR has two more QSLs to add to your collection. The cartoon one on the left is a reprint of one of our earlier, popular cards, and the other is a colour illustration reproduced courtesy of C & S Antennas, Rochester, England. Listeners are requested to include 2 IRCs for verification by QSL card.

AWR-EUROPE PROGRAMME SCHEDULE

Radio Trans Europe (Sines, Portugal) Effective 30 September 1984

TIME UTC	SUNDAY 9670 kHz	SUNDAY 9605 kHz
0500	Russian	
0530	Ukrainian	
0600	English-Voice of Prophecy	
0630	English-Your Story Hour	
0700	Polish	Albanian/Macedonian
0730	Rumanian	Arabic/Greek
0800	Hungarian	Slovenian
0830	German	Serbian
0900	English-Who Cares?/DX	Croatian
0930	Arabic	Arabic
1615	MONDAY - 9670 kHz - Ukrainian	TUESDAY - 9670 kHz - Russian
RADIO ALGERIRAS (SPAIN) BROADCASTS IN ARABIC (10 MINS) 1260 KHZ MON - SAT 2200 CET		

The British Isles and the European Continent

GMT	kHz	Metre Band
05:30 - 05:45	1 287	233.1 Medium Wave
	6 055	49
	9 505	31
	11 990	25
16:30 - 16:57	5 930	49
	7 345	41
19:00 - 19:27	5 930	49
	7 345	41
20:00 - 20:27	5 930	49
	7 345	41
21:30 - 22:00	6 055	49
	1 287	233.1 Medium Wave

North America

GMT	kHz	Metre Band
01:00 - 01:57 (repeated at 03:00)	5 930	49
	7 345	41
	9 540	31
	9 630	31
	9 740	31
	11 990	25

Africa and Asia

GMT	kHz	Metre Band
15:30 - 16:25	7 345	41
	9 605	31
	11 990	25
	15 110	19
	17 840	16
	21 505	13
17:30 - 18:25	5 930	49
	7 245	41
	7 345	41
	9 605	31
	11 990	25
	17 840	16

South and East Asia, Pacific

GMT	kHz	Metre Band
07:30 - 08:00 (repeated at 08:30)	11 855	25
	17 840	16
	21 705	13
08:30 - 09:30 (Saturdays and Sundays only)	11 855	25
	17 840	16
	21 705	13
14:30 - 14:57	7 345	41
	9 605	31
	11 990	25
	15 110	19
	17 840	16
	21 505	13



QSL REPORTS



- ALBANIA:** Radio Tirana p/d cd. in 83 ds. w/ sked. (Dillon)
- ALGERIA:** RTVA 17745 f/d cd. in 178 ds. for 1 IRC. (Talbot)
- ANGUILLA:** Caribbean Beacon 1610 f/d "Studio" cd. in 4 mo. for 2 IRCs. v/s Gareth Hodge, Operations Manager. (Orcutt-NY)...I've included this station before although not SWBC. Traditions die hard!
- ANTARCTICA:** Radio Nacional LRA36 15476 f/d cd. in 5 wks. for a SP rpt. and ms. (Swaringen-NC).
- ANTIGUA:** Deutsche Welle 9545 n/d cd. in 34 ds. w/ sticker. (Hastie-TX).
- ARGENTINA:** RAE 15345 f/d "Logo" cd. w/ pennant in 1 mo. for ms. (Wetherington-FL). same in 36 ds. w/ pennant. v/s Azucena Mass. (Dillon-DC). same w/ pennant in 46 ds. for 2 IRCs. (Kacir-MI). Radio Rivadavia 5882 f/d "Owls" cd. in 28 ds. for a SP rpt. and ms. v/s Ing. Jorge Armando Falcone, Gerente-Tecnico. (Reinstein)
- ARMENIAN SSR:** Radio Yerevan 17860 f/d cd. in 57 ds. for 1 IRC. (Green-TN).
- ASCENSION ISLAND:** BBC 11750 f/d prepared cd. w/ site on it in 96 ds. for ms. (Plum-NJ).
- ASIATIC RUSSIA:** Radio Moscow 12060 via Kenga f/d "State Art Gallery" cd. in 33 ds. (Green-TN). 15425 via Petroplovsk-Kamchatsky f/d "Kalinin Prospect" cd. in 24 ds. (Brouillette-IL). same in 35 ds. (Paszkiwicz-WI). 15455 f/d "National Economic Exhibition" cd. in 66 ds. (Talbot-ALB).
- AUSTRALIA:** VLR6 6150 via Lyndhurst f/d "ABC Map" cd. in 317 ds. for 1 IRC. (Talbot-ALB). VLR9 9680 via Lyndhurst same cd. in 286 ds. for 1 IRC. (Talbot). VLR9 9680 via Lyndhurst same cd. in 327 ds. for 1 IRC. (Talbot). VLR15 15230 via Lyndhurst same cd. in 287 ds. for 1 IRC. (Talbot). Radio Australia 15395 via Shepparton large cd. in 26 ds. (Levison-PA). 9580 f/d "Seals" cd. in 18 ds. w/ Olympic book. (Kacir-MI). 15320 f/d "Flowers" cd. w/ poster and book in 17 ds. for 1 IRC. (Wetherington).
- * VJY 6840 USB via Cox Peninsula n/d ltr. in 74 ds. for a taped rpt. and 3 IRCs. 500 watts! v/s John Duffield. (Talbot-ALB)...Fine QSL!
- AUSTRIA:** ORE 5945 f/d "Contemporary Art Painting" cd. in 55 ds. (Kacir-MI).
- AZERBAIJAN SSR:** Radio Moscow 15260 via Baku f/d "Razin Street" cd. in 6 wks. Schedule rcvd. (Swaringen-NC).
- BELGIUM:** BRT 9925 n/d ltr. in 36 ds. for 2 IRCs. (Hastie-TX).
- BELIZE:** Radio Belize 3285 p/d "Map" cd. in 35 ds. for \$1.00 (Dillon-DC).
- BOLIVIA:** La Voz del Tropico 4458 ltr. in 4 mo. for a SP rpt. v/s Oskar Ustariz Arandia, Director General. Addr: Casilla 2494, Cochabamba while the address on the QSL reads Av. de la Integracion No. 50, Villa Tunari, Cochabamba. 250 watts! (Valco-PA)...Very nice!
- BRASIL:** Radio Ribamar 4785 f/d prepared cd. in 5 1/2 years for a PT rpt. and ms. v/s Georgiadio Jaime de Agular. (Lazarus-LA). Radio Aparecida 5035 f/d cd. in 21 mo. for a PT rpt. and ms. v/s Pe. Cesar Moreira. (Streeter-NY). "Studio" cd. in 2 mo. for a PT rpt., tape and ms. (Sgrulletta-NY). Radio Educacao Rural 4755 p/d ltr. in 10 mo. for a PT rpt. and ms. v/s Alton Guerra, Gerente. Addr: C.P. 261, Avenida Mato Grosso 530 - Centro, 79100 Campo Grande, MS. (Lazarus-LA). Radio Brasil Central 4985 n/d ltr. in 19 ds. for a PT rpt. and ms. v/s Jose Pedro Rego, Director. (Streeter-NY).



ΕΡΤ
ΕΛΛΗΝΙΚΗ ΡΑΔΙΟΦΩΝΙΑ ΤΗΛΕΟΡΑΣΗ
GREEK RADIO - TELEVISION

THE VOICE OF GREECE



Y2PA / Y2RA 'SLAND



BRASIL: Radio Cultura Araraquara
3365 p/d personal ltr. in 16 ds. for a PT rpt. and ms. (Streeter-NY).

BULGARIA: Radio Sofia 11720 p/d cd. in 74 ds. (Richards-CT). 11870 and 9700 f/d cd. w/ sked. in 90 ds. (Levison-PA).

CAMEROON: Radio Douala

4795 f/d cd. in 30 ds. for a FR rpt. and ms. (Cobb-ME).

CANADA: BBC 9590 f/d prepared cd. in 5 mo. v/s James Metcalfe. (Plum-NJ).
RCI 15325 f/d "ANARC" cd. in 72 ds. v/s Richard Colgan. (Wertheimer-MN).

CHU 7335 p/d "Sir Sanford Fleming" cd. in 47 ds. (Richards-CT). **CFCX** 6005 p/d cd. in 17 ds. for 1 IRC. (Richards-CT). **CHNX** 6130 f/d cd. w/ sticker in 27 ds. for ms. v/s Ken J. Arsenault, C.E. (Talbot-ALB). **CFVP** 6030 cd. in 21 ds. for 1 IRC. (Tow-AL). **CKZU** 6160 cd. in 18 ds. (Tow-AL).

CANARY ISLANDS: REE 15315 f/d cd. in 84 ds. for 3 IRCs. (Hastie-TX).

CHAD: Radiodiffusion Nationale Tchadienne 4904 f/d form ltr. in 41 ds. for a FR rpt. and 2 IRCs. v/s Darnhet Oualbadet.

CHILE: Radio Nacional de Chile 15150 (Buer-FL).

f/d cd. w/ sticker and pennant in 26 ds. for a SP rpt. and ms. v/s Fernando Cuevas M. (Forsgren)

CHINA, PEOPLES REP: Radio Beijing 15520 f/d cd. w/ stickers and key ring in 25 ds. (Kacir-MI). f/d "Tai Ho Hall" cd. in 25 ds. (Dillon-DC). **CFBS** 11290, 6665 and 7504 f/d cds. in 46 ds. (Barto-CT).
Fujian PBS 4975 f/d cd. in 46 ds. (Barto-CT).

COLOMBIA: Radio Cinco 5040 cd. in 8 mo. for a SP rpt. v/s Guillermo Morales M. (Valko-PA).

COSTA RICA: Radio Columbia 4825 f/d "Logo" cd. in 4 mo. for a SP rpt. and ms. (Orcutt-NY).

CUBA: Radio Habana Cuba 11930 f/d "La Fuerra Fortress"

cd. w/ pennant in 232 ds. (Talbot-ALB).

CYPRUS: BBC 9580 n/d cd. in 21 ds. for 1 IRC. (Green-TN).

CZECHOSLOVAKIA: Radio Prague 7345, 9740, 9540, 11990 and 5930 f/d cd. in 20 ds. w/ schedule. (Levison-PA).

ECUADOR: HCJB 15155 and 11910 f/d cds. in 30 ds. for ms. (Wilkins-CO).
9742.6 f/d "Indigenous People of Ecuador" cd. in 1 mo. (Valko-PA).

* **Radio Tarqui** 4977 personal ltr. w/ pin in 3 wks. for a SP rpt. v/s Hernan Herdoiza Leiva, Gerente. (Lobdell-MA). **HD210A** 7600 n/d "Sundial" cd. in 6 mo. (Wertheimer-MN).

Radio Quito 4920 n/d folder cd. w/ pennant in 35 ds. for a SP rpt. and ms. v/s Alfonso Laso. (Forsgren-WI).

Radio Bahai 4995 p/d cd. in 73 ds. for a SP rpt. poster rcvd. (Barto).

FRENCH GUIANA: RFI 15180 n/d cd. in 52 ds. for 1 IRC. (Green-TN).

GABON: Africa No. 1 4811 p/d cd. in 22 ds. for a FR rpt. and ms. (Forsgren-WI).

GERMAN DEMOCRATIC REP: RBI 11975 f/d cd. in 68 ds. (Witherington-FL). f/d "Tower" cd. in 45 ds. (Richards-CT).
9730 folder cd. in 65 ds. (Dillon).
9620 f/d cd. in 41 ds. w/ pennant and schedule. (Barto-CT).



FEBIC RADIO INTERNATIONAL



Northern Service
Service du Nord

RADIO LIBERTAD DE TRUJILLO
OAX2C 1180 Kiloc. OAX2H 4910 Kiloc.

REPTA No. 428 - TRUJILLO
CARRERA No. 2256
CALLE 712

--- SIN DE PALABRAS EN TODOS LOS MEDIOS DE TRUJILLO ---

SEA DE RADIOCOMUNICACION S.A.

Trujillo, 02 de Mayo, 1984.

Ing. Luis Labadie
L.L.

Ing. señor asesor:

Atenciones recibidas de su nota del 22 de El presente día, me acreditan la asistencia a nuestra Radio Libre para que en el marco de las actividades de la programación salidas con nuestros programas igual recepción en los receptores en las Estaciones de Trujillo, Tumbuco, y San Juan. Le que será oportuno para que en el futuro se le otorguen los visados en los horarios de Trujillo, a todo caso puede adelantarse que nos han solicitado a sus programas y de oportunidad a cualquier otro visado que nos pida.

Trujillo en breve recibirá de nuestra Radio Libre, desde la semana que viene, algunas notas de Trujillo y de nuestra emisora y si alguna vez nos llama con su estado desde su oficina de Trujillo o de Tumbuco.

Ing. asistente:

Carlos Roberto Barrios

20. Se puede informarse que cuando se cierra, por que en ella se incluye a la hora de las 10:00 p.m. en el Radio Libre Trujillo y se recibe en San Juan por haber sido el día de la Radio Libre de Trujillo.



GHANA: GBC 4915 f/d form ltr. in 15 mo. for 2 IRCs.(Plum-NJ).
 GREECE: VOA 7200 f/d cd. in 1 wk. (Witherington-FL).
 GUYANA: GBC 5950 f/d form ltr. in 5 wks. for 3 IRCs. v/s Miss Phyllis Hyles.(Plum-NJ). same in 35 ds. for ms.(Foragren-WI).
 HOLLAND: Radio Nederland 9895 f/d "Building" cd. in 108 ds. for 1 IRC.(Wilkins-CO).
 HONDURAS: HRVC 4820 n/d "Logo" cd. in 16 ds. for 2 IRCs.(Witherington-FL).
 * El Eco de Honduras 6000 f/d "Pulhapanzak" cd. in 141 ds. for a SP rpt. and ms.(Wilkins-CO). same in 116 ds. for a SP rpt. delivered by Don Moore to the station.(Reinstein-FL).
 HUNGARY: Radio Budapest 9835 f/d "Logo" cd. in 31 ds.(Kacir-MI). same in 34 ds.(Witherington-FL). same in 34 ds.(Brouillette-IL).
 INDIA: AIR 10335 f/d "Ambika Cave" cd. in 59 ds. w/ schedule.(Barto-CT).
 IRAN: VOIRI 9022 f/d "War is Ugly" cd. in 88 ds. for 1 IRC.(Green-TN).
 IRAQ: Radio Baghdad 9610 f/d cd. in 5 mo. for 2 IRCs.(Paszkiwicz-WI).
 IRELAND: Radio Dublin International 6910 f/d "Logo/Map" cd. in 3 mo. for 3 IRCs. v/s Anne Kelly.(Kacir-MI). same in 54 ds. w/ sticker.(Sobkoviak)
 ISRAEL: IRA 11655 f/d cd. in 42 ds.(Barto-CT).
 JAPAN: Radio Japan 17825 f/d cd. in 17 ds. for 2 IRCs.(Witherington-FL).
 11815 "Shinjuku at Night" cd. in 2 wks.(Hazeltine-WA).
 KAZAKH SSR: Radio Moscow 11770 via Alma Ata f/d "Byelorussia Railway" cd. in 6 wks.(Swaringen-NC).
 KIRGHIZ SSR: Radio Moscow 11820 via Frunze f/d "Bolshoi Theatre" cd. in 3 mo.(Orcutt-NY).



KOREA, PEOPLES' DEM. REP: Radio Pvyongvay 9745 f/d cd. in 46 ds. for 1 IRC. This after 8 rpts. Flag rcvd.(Davis-CO).
 KOREA, REPUBLIC OF: Radio Korea 15575 f/d cd. w/ sticker and pennant in 29 ds. for 2 IRCs.(Witherington-FL).
 LATVIAN SSR: Radio Moscow 15520 via Riga f/d "Lenin Library" cd. in 6 wks. w/ schedule.(Swaringen-NC).
 LESOTHO: LNBS 4800 f/d "Flag" cd. in 6 mo. for ms.(Swaringen-NC) same f/d cd. in 2 1/2 mo. for a tape and ms.(Sgrulletta-NY).
 LIBYA: Radio Jamahiriya 11815 f/d cd. in 45 ds. for 2 IRCs.(Cobb)
 LITHUANIAN SSR: Radio Vilnius 9685 f/d folder "Tower" cd. in 82 ds. for 2 IRCs. v/s J. Lukosevicius.(Tutak-NJ).
 LUXEMBOURG: Radio Luxembourg 6090 p/d "Announcers" cd. in 18 ds.
 MALAGASY REP: Radio Nederland 15570 f/d cd. in 24 ds.(Barto-CT).
 MALAYSIA: Voice of Malaysia 15295 f/d "Tepak Sirih" cd. in 68 ds. w/ pennant for 3 IRCs.(Lars-MI).



MALAYSIA:
 Voice of Malaysia
 15295 f/d
 "Tepak Sirih" cd.
 in 68 ds.
 w/ pennant
 for 3 IRCs
 (Lars-MI).

STATION : Radio Republik Indonesia Regional I Manado / YDS.
 LOCATION : Manado, North Sulawesi Indonesia.
 DATE : JANUARY 7th.1984
 TIME : 11.44-12.01 GMT.
 SINPO :

This is to confirm that we have examined your reception report.
 Mr. JOHN SGRULETTA
 and have found it to be correct/miss correct
 Thank you very much for your report.
 We are looking forward to your next report.
 MANADO, MARCH 17th.1984
 Station manager.
 DANIEL NARANDE



World Music Radio

Through the day... Into the night!

Date 12 DEC 1978
Freq. 6.211 kHz
Time 07:50 GMT



WMR - World Music Radio

thanks you for your reception report,
which we are pleased to verify.

P.O. Box 4078 - Amsterdam - Holland



Y.S. J. van der ...

MALTA: Deutsche Welle
11785 n/d cd. in 15
ds. (Green-TN).

MONACO: Trans World
Radio 9495 f/d cd.
in 26 ds. for 3 IRCs
(Green-TN).

MONSERRAT: Deutsche
Welle 11705 n/d cd. w/
personal ltr. in 19 ds. for a
taped rpt. and 2
IRCs. (Sgrulletta-
NY). 9545 n/d cd.
in 1 mo. w/ pennant.
(Orcutt-NY).

NEW CALEDONIA: RFO 7170
n/d large "Logo" cd.
in 39 ds. for a FR
rpt. and 3 IRCs.
Rcvd. RFI program schedule. (Witherington-FL).

NEWFOUNDLAND: CKZN 6160 f/d folder "Map" cd. in 25 ds. for 2 IRCs. Also
rcvd. stickers. v/s Dave Uttaro. (Tutak-NJ).

NEW ZEALAND: Radio New Zealand 15485 f/d cd. in 27 ds. w/ sticker for 3
IRCs. v/s Rudi Hill. (Hastie-TX).

NICARAGUA: Radio Zinica 6120 f/d prepared cd. in 105 ds. for a SP rpt.
v/s Arturo J. Valdez R. (Reinstein-FL).

NIGERIA: Rima Radio 6195 via Sokoto n/d ltr. in 41 ds. for ms. Addr: FMB.
* 2156, Sokoto. (Wilkins-CO).

PAKISTAN: PBC 11667 f/d ltr. in 3 mo. for 2 IRCs. (Swaringen-NC).

PAPUA NEW GUINEA: Radio East Sepik 3335 f/d cd. in 72 ds. v/s Paul Kafafi.
(Barto-CT). NBC 4890 f/d cd. in 45 ds. for ms. v/s Thomas Aiye. (Rein-
stein-FL).

PARAGUAY: Radio Nacional 9735 p/d ltr. in 8 1/2 mo. for a SP
rpt. and ms. v/s Carlos Montaner. (Cobb-ME).

PERU: Radio Chinchaycocha 4860 f/d prepared cd. w/ personal ltr. in 6 yrs.
* for a SP rpt. and ms. v/s Julio O. Baldeon M., Administrador. (Lazarus-
* LA). Radio Fucallpa 6155 f/d prepared cd. w/ personal ltr. in 3 wks.
for a SP rpt. and ms. v/s Daniel Zevallos Rios, Director Gerente. Addr:
Jiron Inmaculada 667, Casilla 263. (Lazarus-LA).

POLAND: Radio Polonia f/d cd. in 101 ds. (Dillon-DC). (Hastie-TX).

PORTUGAL: Radio Portugal 11925 f/d cd. w/ sticker in 19 ds. for 2 IRCs.

QATAR: QBS 9905 f/d cd. in 22 ds. (Barto-CT). same in 174 ds. w/ sticker.

ROMANIA: Radio Bucharest 7195 f/d cd. in 1 mo. (Barto-CT). (Green-TN).

SAIPAN: KYOI 11900 f/d "Bird" cd. w/ sticker in 436 ds. (Talbot-ALB). KFBS
f/d cd. in 16 ds. for a taped rpt. v/s H. Jewett, QSL Secretary. (Sgru-
lletta-NY).

SAUDI ARABIA: BSKSA 11855 f/d "Logo" cd. (Talbot-ALB).

SENEGAL: Radio Senegal 4890 n/d cd. in 90 ds. for 1 IRC. (Green-TN).

SEYCHELLES: FEBA 15325 f/d "Globe" cd. in 127 ds.
for 2 IRCs. (Talbot).

Telecom Australia

via Joe Talbot

VNG



SOUTH AFRICA: Radio RSA 9615 "Bloubergstad" cd. in 11 wks. (Hazeltine-WA).

SWEDEN: Radio Sweden International 11705 f/d cd. in 20 ds. for 1 IRC. (Witherington-FL).

SWITZERLAND: Swiss Radio International 9725 f/d cd. in 32 ds. for 1 IRC. (Richards-CT). 17765 f/d cd. in 44 ds. for 1 IRC. (Kacir-MI). 9885 f/d cd. in 19 ds. for 1 IRC. (Brouillette-IL).

TOGO: Radio Togo 5047 n/d "Map" cd. in 31 ds. for a FR rpt. (Streeter-NY).

TURKEY: Voice of Turkey 11755 f/d "Ephesus/Izmir" cd. w/ pennant in 49 ds. Schedule rcvd. (Sobkoviak-IL).

TURKMEN SSR: Radio Moscow 11930 via Ashkhabad f/d cd. in 6 wks. (Swaringen-NC).

UKRAINIAN SSR: Radio Kiev 9800 f/d "Opera House" cd. in 80 ds. (Witherington-FL).

USA: Radio Earth 6185 via WRNO f/d cd. in 159 ds. for ms. (Talbot-ALB). f/d cd. in 147 ds.

v/s Jeff White. (Hastie-TX). 7355 and 6185 f/d cd. in 9 ds. for ms. (Brouillette-IL). 7355 same in 2 wks. (Sobkoviak-IL).

WRNO 11965 p/d "DX Club" cd. in 17 ds. (Sobkoviak). WYFR 11875 f/d cd. in 31 ds. for ms. (Witherington-FL). KGEI 15280 f/d cd. in 58 ds. for a SP rpt. (Levison-PA).

USA (Pirate): KORP 7413 f/d cd. in 80 ds. 20 watts! (Plum-NJ). same in 65 ds. for ms. (Streeter-NY). 6233 f/d ltr. in 57 ds. for 2 IRCs (Tutak-NJ). 6280 f/d ltr. in 67 ds. for an SASE. (Sobkoviak-IL).

Radio Ganymede 7375 f/d cd. in 3 mo. (Wertheimer-MN). Radio Free Insanity 7430 f/d "Logo" cd. in 161 ds. for ms. 250 watts. (Forsgren-WI)

KIS 7430 f/d cd. in 24 ds. for ms. (Talbot-ALB). Radio Sine Wave 7430 f/d cd. in 7 wks. for ms. Addr: Box 5074, Hilo,

HI. 96720. (Plum-NJ). Secret Mountain Laboratory 7432 f/d form ltr. in 27 ds. for ms. (Streeter-NY). KIWI Radio 7430 and

7413 via Voice of Larvngitis f/d cd. in 16 ds. via NZ address. (Plum-NJ). Voice of Larvngitis 15050 f/d cd. in 3 wks. for ms. (Cobb-ME). 15049.4 f/d cd. in 22 ds. for ms. 50 watts. (Reinstein-FL).

UPPER VOLTA: Radiodiffusion TV Voltaïque 4815 f/d ltr. in 6 mo. for a FR rpt. and 2 IRCs. (Swaringen-NC).

VATICAN: Radio Vatican several cds. for 9 different freqs. in 39 ds. (Barto-CT).

VENEZUELA: YVTO 6100 "Logo" cd. w/ form ltr. in 3½ mo. for a SP rpt. and ms. v/s Simon Salas Salas. (Lobdell-MA).

YEMEN ARAB REP: Radio Sana'a 9780 f/d ltr. in 84 ds. for 3 IRCs. (Green-TN).



OSLO 5/10 19 72

DEAR LISTENER,

WE THANK YOU FOR YOUR REPORT AND ARE PLEASED TO CONFIRM THAT YOU HAVE HEARD



RADIO NORWAY

ON 9645 KHZ 31.10 M 100 KW

CALL LETTERS LLH ON 1/ 19

SINCERELY YOURS

0620 GMT

Radio Norge
SHORT WAVE DIVISION

17

RADIO KOREA



RECEPTION VERIFICATION:

Your report of reception from this station on _____

March 25, 1971 is hereby verified.

Thanks for your co-operation.

via Ron Howard

Remarks _____

YUGOSLAVIA: Radio Yugoslavia 9620

f/d "Beograd" cd. in 63 ds. (Sobkoviak-IL). f/d "National Costume" cd. in 53 ds. (Barto).

Really a short column this time. Must be the back to school blues.

73s



AM.....10,000 watts.....1170 KC

FM.....1,000 watts.....940 MC

CJCB.....SHORT WAVE.....6010 KC

SERVING CAPE BRETON, EASTERN NOVA SCOTIA

IN SOUTH WEST NEW BRUNSWICK

update

October 1984***Number 170
Tom Alleman
636 E. 74th Terr.
Kansas City, MO 64113
USA
(816) 523-7292 7-10pm Central only

UPCOMING DEADLINES: 10 October (Mid-Oct) 20 October (November) 10 November (Mid-Nov)

Reproduction permitted. Credit original reporter and NASWA UPDATE. Dates, times and days GMT. Freqs kHz.

ERRORS AND OMISSIONS: During the past several months, UD has been privileged to reprint reports from our friend in Peru, Juan Carlos Codina. As time have passed, I have inadvertently omitted dates from Juan Carols' logs with the result that printing of his reports has fallen several months behind. If this has given the impression of inaccuracy on Juan Carols' part, it is undeserved and the responsibility for the delay and any misapprehension is entirely mine. My sincere apologies to "JCC". tba

ANGOLA R. Nacional, 5330.6, in PT 2230-48; fair. Mostly vocal selections and a clear ID at 2230 by M anncr. (Sam Barto, CT 9-11)

CAPE VERDE R. Voz de Sao Vicente, 3930, in PT 2240-2252. Very strong. M anncr and ID 2252. This station has been in consistently lately. (Barto, CT 9-11)

CHILE R. Minería, 9750, in SP 1135+. Prgm of beautiful mx with many anncmts and the "Dr. Who" theme, which was often played during anncmts. Stn ID at 1142. (Johnson, TX 9-4)

COLOMBIA R. Macarena, 5975, in SP 1141. Long ballad sung by M and then booming stn ID. Frequent mention of "La Hora Dias." Perhaps the name of the prgm? (Hans Johnson, TX 9-9) +++
LV del Guaviare, 6035, in SP 1122; E&L vocal and guitar mx. Many stn IDs. (Johnson, TX 9-12) +++
LV de Llano, 6118, in SP 1155; Super network ID and a stn ID before next mx selection. (Johnson, TX 9-9)

GUINEA BISSAU R. Nacional, tentative, 5475.2, no ID heard but African here with local tunes and M anncr in PT. Vy weak signal from 2229-40. Some sources report a move to this freq. (Barto, CT 9-11)

INDONESIA RRI Palu (tentative) but definitely in IN w/ M anncr from 1100-04; possibly mx. M vocals from 1056-1100 in IN. ARO QRM. Freq 3960. No ID though. (Barto, CT 9-6)+++
RRI Jakarta, 4774.5, in IN 1015-30; ballads and instrumentals, some commentary by a W anncr, ID 1030 by W. Very strong and best I've ever heard this. Also noted BBS 4725 and weak Indoa on 4699.1 and 4845 during the same period. (Barto, CT 9-7)

SAUDI ARABIA BSKSA, 7245, in AR 0124; AR Service commentary on Lebanon situation by M, ID at 0128, and mx. (Johnson, TX 9-9)

SINGAPORE RS, 5052, in EG 1110-22; Alternating M and F anncrs. Some pop mx, ID 1115 by W. Checked 5010 and it sure seemed parallel but much weaker. (Barto, CT 9-7)

VANUATU Rvanuatu, 3945, in FR 1015-1030. W anncr to 1030 when ID. Very good. (Barto, CT 9-6) *****

First in our feature spot is our regular report from Takayuki Inoue in Japan, with some very special reports:

2380 **FALKLAND IS.** FIBS, Pt. Stanley, *0958-1030 fair condx 7-25. Better in USB. At last could catch this signal w/ nice condx. S/on w/ march mx and after opening anncmt by M, "You are tuned to Falkland Broadcasting Stn." Included freqs as 2380 SW and FM 100 MHz (96.5 MHz not used now.) Then BBC World News relayed to 1005 and mx prgm afterwards.

4679 **ECUADOR** R. Nac. Espejo, Quito, on 4679.5 1130-40 poor condx on 7-19. Better on LSB to avoid much CW qrm. Now back on this freq but heard very irregularly. Prgm included local mx and TG. Canned ID: "Transmite Radio Nacional Espejo, 1310 kc onda larga, 4635 kc onda corta banda internacional de 62 metros desde Quito, Ecuador, America del Sur." Obvously not on official freq, hil

4790 **PERU** R. Atlantida, Iquitos; *0925+ fair-poor in USB w/ CW QRM, 7-25 and 26. S/on w/ NA. Opening anncmt: "Iquitos y con..., aqui transmite Radio Atlantida, tan... como en amazonas por su alcance y potencia. Atlantida 3 poderosas ondas radiales de curben nitidamente, la mas gran region del Peru." After folklore mx prgm titled "El Madrugador" in Quechua and SP.

4910 **PERU** R. Libertad, Trujillo, on 4910.7, *0955-1015 f/p on 7-14. S/on w/ campo style mx and opening anncmt hrd as: "Estimados oyentes, tengan Uds., muy buenos dias desde la tierra turistica del Peru, transmite Radio Libertad de Trujillo operaba... de los 4910 kc onda corta banda de 60 metros... correspondiente al dia de hoy." Occasionally suffers from QRM from Em. Gran Colombia, Ecuador only 100 Hz above, which operates on SW irregularly. Prgm "Musica Nacional" including Huaynos and messages to listeners.

4945 **BOLIVIA** R. Illimani, La Paz, on 7-31 operated 24 hour service. ID: "Desde la cumbre de los anhelos nacionales, R. Illimani, La Voz de Bolivia 51 anos de permanente vocacion boliviana. Illimani, la radio que acompaña a todo un país."

5025 **PERU** R. Quillabamba, Provincia de La Convencion, *1115-1130, fair 7-20. This stn has again changed its opening anncmt. I cannot understand the reason why again this stn annces MW which is now off air because of small audiences since 1981. Anyway, ID: "Desde

la ciudad de Quillabamba, capital de La provincia de la Convencion, Departamento de Cusco, Republica del Peru, transmite Radio Quillabamba, emisora perteneciente al centro de los medios comunicacion social CENCOS, desde las 6 de la mañana hasta las 10 de la noche. Estamos con Uds. en los 5025 kHz de su receptor banda internacional de 60 metros OAX7G y 1210 kHz banda de 250 metros onda media OAX7M. Radio Quillabamba, Centro de comunicacion servicio social para nuestro pueblo." In Japan, well heard with prgm "Peru Andino" after opening anncmt.

- 5359 PERU R. Vision, Juanjui, Provincia de Mariscal Caceres, on 5359.7, *1030-1200 fair to good and over s9 at times. First noted this stn reactivated on 7-7 and per my monitoring prgms as follows: 1030+, "Amanecer Campesino," 1130+ "Panorama Informativo." Opening anncmt: "Radio Vision desde Juanjui, Departamento de San Martin, Peru, iniciamos nuestra jornada de la fecha, 1545 kHz onda media, 5360 kHz onda corta por Empresa de Radiodifusion Comercial Ltd., en Compania de Radio Vision."
- 6098 COSTA RICA R. Universidad de Costa Rica, 6098.6, San Pedro de Montes, first noted as UNID on 7-2. Finally got ID 7-19 with poor signal because of QRM from Zinjiang PBS. ID: "Radio Universidad de Costa Rica en sus estudios..." by W. Tnx Mr. Sasaki for tips.
- 6323 PERU Estacion C, Moyobamba on 6323.6. *0958-1120, fair w/ CW QRM. Better in LSB. Well heard if there is no QRM. Program "Amanecer Andino" after NA. Opening anncmt: "Senoras y senores en esta forma. Estacion C, la radio inicia su transmision correspondiente a la fecha. Transmitiendo desde Moyobamba, capital del Departamento de San Martin para todo el Peru. Estacion C la radio que apunta al futuro. Buenos dias en Estacion C la radio. Presentamos AMANECER ANDINO, el programa despertador a los amigos y hombres de todo el Peru, bienvenidos a AMANECER ANDINO, esta operando a la frecuencia de mejor andino.

More from Takayuki in upcoming Uds.

Kevin Szot has checked in from Brazil again, with a new array of interesting reports. And tnx again to Bob Hill who arranged for our "Brazilian connection:"

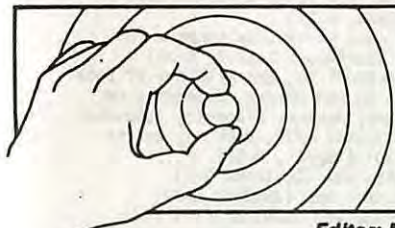
- First, a couple of typos to rectify. In UD 169, 4420 Em Reyes, the address given was simply "Correo Central." 12700 Iraq should be 13700 in all instances. Sorry. tba
- 3375 BRAZIL R. Clube de Dourados, contrary to TBS Updater #1 of December 1983, this one does ID as "Radio Clube" or "Radio Clube de Dourados."
- 4875 BRAZIL R. Journal do Brasil, 2215 IDing as "Radio JB;" "Figue ligado na Radip JB! So saia de perto do radio para pegar a sua Kaiser na geladeira. O puro sabor da cerveja!" ("Stay tuned to Radio JB! Only leave your radio to go grab a Kaiser from the refrigerator. The pure taste in beer!" (9-8)
- 6045 BRAZIL R. Clube Paranaense now heard here up from 6041.5 where it was last month: // 9735, 11935. (9-7)
- 6070 BRAZIL R. Itatiaia heard here at 0950 (WRTH=6080). Also on the high side of 4805+ kHz at 2040. (8-25)
- 6335 BRAZIL R. Pindorama (bootleg) heard 1930-2000+ on 8-18 though not since. "Pindorama" means "a region or country of palm trees," and by extension refers to Brazil.
- 11815 BRAZIL R. Brasil Central 1525 w/ extremely overmodulated/ distorted signal. 4955 doing nicely though. (9-7)
- 11950 BRAZIL R. MEC listed inactive in '84 WRTH, heard 1530 // 9770. (9-7)
- 15270 BRAZIL R. Nac. do Brazil GM to 1950, 1957 IS and into FR. Anncing only this freq. Have also hrd 15290 in EG 0220. (9-8)

And from the rest of the world . . .

- 4950 CLANDESTINE A Vox de Verdade/UNITA 0443 w/ PT commentary regarding their "luta", then into folk mx w/ a revolutionary theme. Their carrier freq dropped for a second or two. (Is that to give it that authentic "clandestine" sound?!?!?) (8-26)
- 7047 CLANDESTINE(?) Russian OM talk till 1956. Quick "Dasvidanya" by a W and then abruptly off. Good. (8-26) ("Sparks"?)
- 15083 IRANheard here ex-15084. 9-8
- 15650 // 11640v Radio Iran *1830 repeated piano theme IS, the ID by M, 1832, in a couple of languages--easy to ID! March mx and then into their spiel (in Persian/Farsi, I guess) at 1835. Both freqs very good. Jammer on 15645 meant for R. Iran??? Also noted on 9-9 on 11639. (9-2)

We'll continue with this report from Kevin next time.

As always, many thanks to our contributors throughout the world. The DX season is upon us--the equinox hit yesterday (as I write this). Best wishes for many hours of happy DXing and until next issue, when we'll have many more good reports,



LOG REPORT

section A

2000 to 4899 kHz

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

October Editor Kevin Mikell

- 3200 LIBYA SPLAJBC; 0300 AR, mx, 0304 ID, M commenting between tunes, revolutionary tk, ns, Koran readings. (Dillon, 9-1)
- 3220 ECUADOR HCJB; 0915 Quechua, M DJ, guitar mx, ID w/pips. (Dillon)
- 3225 VENEZUELA R. Occidente; 0352-0358* SP, mx, M chatter, full ID, s/off tune and NA. Fair. (Trotto, 8-16)
- 3230 RSA RSA; 0420 EG, news in brief, IS followed then off. (Summers)
- 3250 HONDURAS Luz y Vida; 0040 SP, M host w/lite pop mx. (Bobb, 8-14)
- 3250 RSA Radio 5; 0006 EG, usual banter, rock/C&W mx, ads. Fair. (D'Angelo, 8-6) 0345 w/ID and 30's discs. (Paszkiwicz, 8-12)
- 3255 LIBERIA ELBC; 2320 EG, here w/decent sig and the Oral Roberts px, lcl ancr w/ID, some rel mx and then syndicated px. (Moritz, 8-11)
- 3280 ECUADOR LV del Napo; 1012 Indian dialect, rel tk, short flute bit and back to tk. (Moritz, 8-25) 1021 making it thru Ute QRM, M w/lcl anmts, ID, happy rustic tunes. Enjoyable listening. (Pappas)
- 3285 BELIZE RB; 0300 EG, TC into BBC mx, Fair w/hvy Ute QRM. (Atkins)
- 3285 ECUADOR LV del Rio Tarqui; 0740 SP, mostly Cuban and Carib mx, tc w/ID between discs, CW QRM on high side. Rather late (or early) for this guy to be on. (Jones, 9-3) 1050 HC mx, ID. (Bobb, 8-29)
- 3295 NAMIBIA RSWA; 0100-0402 EG/AF, hourly IDs, selections of EZL and more familiar tunes, 0400 guitar IS, anmts w/IDs, fanfare and the banyard sounds. (Bobb, Buer, Green, Paszkiwicz)
- 3300 GUATEMALA TQNA; 0311 EG, rel px w/ID and in Fair. (McLemore, 8-19)
- 3310 PERU R. Bagua; 1006-1030 SP, M w/tc, "en Radio Bagua..." ID, busyness, hrd w/marginal signals. (Bobb, Bolland, Pappas)
- 3316 ECUADOR R. Pastaza; 0241 SP, non-stop ballads till 0259 ID and then back to the ballads. (McLemore, 8-29) 0320 mx w/some SP anmts, 0329 ID w/tc. Mucho QRM de Ute. (Buer, 9-1)
- 3325 GUATEMALA R. Maya; 1100 SP, t/into an instrumental version of "Glory Glory Hallelujah", rooster crows w/1101 ID. (Pappas, 8-24)
- 3345 INDONESIA UNID; 0940-0955, hrd 4719 open so checked 90m. Very weak sig here but hrd definite chanting. Comments by W then some "typical" Indo mx. 0954 signal fade. (Bolland, 9-2)
- 3360 GUATEMALA LV de Nahuala; 0225 SP, ID at t/in w/mention of Gust, lcl mx. (Pate, 8-21) 1108 SP, ID and music. Fair. (Bobb, 8-24)
- 3367 IRAQ Baghdad; 2149 Farsi, AR mx and many TCs heard, ID given just before the 2153 s/off. (Nathanson-Israel, 8-29)
- 3375 BRAZIL RN-Sao Gabriel; 0930 PT, tk by M w/mention of RN, Brazilian music, TCs, 1000 ID w/locale given. (Dillon, 9-1)
- 3381 ECUADOR Radio Iris; 1005 SP, great Andean folk tunes, M ancr w/tc after every 3rd song, no IDs hrd but mentions of "Musica del Ecuador" and Esmeraldas. Very nice sig. (Dillon, Moritz)
- 3395 ECUADOR R. Zaracay; 0340 SP, nice ballads w/M ancr. (Summers, 8-27) 0412 continued ballads till 0433* w/aked given. (Paszkiwicz, 8-26) 1020 HC mx and many TCs, ID also hrd. (Blanchette, 8-27)
- 3905 NEW IRELAND RNI; 1007 EG w/anmts by M and news. Poor. (Bolland)

- 3910 JAPAN FEN; 0958 EG, M ancw w/ID on hour and tone, AP/AFRTS news followed by music program. Poor. (Bolland, 8-13)
- 3925 INDIA AIR-Delhi; 1430-1534 EG/Langa, news in various tongues for 5 minutes each, IDs at 1434 and 1534. (Nathanson-Israel, 8-26)
- 3930 CAPE VERDE A Voz de Dao Vicente; 2325-0002* PT, hrd w/ether PT pops or ballads, 2358 s/off anmts by M into NA and chimes. Depending on day either hvy or no ham GRM. (Alexander, Atkins, D'Angelo, Johnson)
- 3930 RSA-Trenkel Capital Radio; 0309 EG, banter w/ID, rock mx, sports report, ads, and in Fair. (Atkins, 9-1)(D'Angelo, 8-13)
- 3985 SWITZERLAND SRI; 0536 w/nice concertina mx. (Levison, 9-1)
- 3995 FRG DW; 0052 GM, mx, M ancw w/ID and into mx. (Jordan, 8-17)
- 4050 KIRGHIZ SSR Frunze; 0936 RS, M&W talking and talking. (Bolland)
- 4719 INDONESIA RRI-Ujung Padang; 1416 IN, ID followed by tk from scholar visiting, 1430 full ID by W, trumpeted version of Taps, and then into popular music program. (Sharpe, 8-30)
- 4755 BRAZIL R.Mf. Maranhao; 0155 PT, wide variety of Brazilian music, electronic "trill" before each ID, promos and mx. (Jordan, 9-1)
- T4765 BRAZIL RN-Cruzeiro do Sul; 0925 PT, rel tk, mx. (Bolland, 9-29)
More likely to be Radio Rural than this since you hrd no ID.
- 4765 CUBA Mayak; 0058 RS, mx and pipe, 0100 ID and mx. (Dillon, 8-18)
- 4770 NIGERIA Kaduna; 2115 EG, w/afro mx, Q&A px w/Nigerian politician, M DJ w/brief comments on each mx selection. (Nathanson, Gilster)
- 4770 VENEZUELA R. Bolivar; 0321 SP, lively mx w/lively DJ. (D'Angelo)
- 4783 MALI RN; 0600 FR/Vern, s/on w/NA, akmed and lang tk, lcl vocals w/drum and tortured violin accompaniment. Some CW GRM but in Good. (Rigas, Paszkiewicz, Atkins)
- 4790 PERU R. Atlantida; 1037 SP, 1045 ID, rel mx, M ancw. (Bobb, 8-24)
- 4792 ECUADOR Sistema de Em Atalaya; 0240 SP, vocals backed by nice flute and guitar work, M ancw, ID, Freq, TCs, 0300 mx. (Jordan, 9-1)
- 4795 CAMEROON R. Douala; 0047 EG, on late today cause of Olympics. TK abt a competition between Canada and Cameroon. Ancw was crying the blues over a supposedly bad call. Cameroon later lost the match. (Walko)
- 4795 ECUADOR LV de los Caras; 0138 SP, HC mx. (Bobb, 9-1) 0217-0237 w/tangos, 0230 full ID, PSAs and promos, into EZL mx and then off the air suddenly at 0237. Poor. (Jordan, 9-1)
- T4796 BOLIVIA R. Nueva America; 1005 SP, Poor in static w/W&M ancws, Bolivian instrumentals, and no ID. Gone by 1030. (Alexander, 8-18)
- 4810 GABON AF#1; 2200 FR, usual mx and chatter. (Bobb, Gilster)
- 4810 PERU R. San Martin; 0351-0400 SP, LA mx hosted by M w/ments of San Martin, ID at 0359 following a couple of ADs. I thought that I was listening to Galapagos at first. Good sig. (Walko, 8-2) 0932 w/OA mx, M ancw w/loud modulation. (Bolland, 8-31)
- 4815 UPPER VOLTA RTVV; *0527 FR, s/on w/balafon IG, NA, into W w/opening anmts and ID, continued w/lcl mx till 0600. Fair. (Atkins, 9-3)
- 4820 ECUADOR R. Paz y Bien; 0855 SP, t/in to hear EZL mx, 0900 NA, tk and mentions of various Ecuadorian addresses. (Alexander, 8-18)
- 4820 HONDURAS HRVC; 0320 EG, rel songs and discussion. Fair. (Daly, 9-2)
- 4825 BRAZIL R. Educadora; 0044 PT, lite vocals, M ancw till W ancw at 0100, ID, mention of Brazil. Been trying for this. (Walko, 8-2)
- 4825 COSTA RICA R. Columbia; 0150 SP, vocals, 0156 ID. (Plotnick)
- 4830 VENEZUELA R. Tachira; 0135 SP, lite rock, listener call-in. (Dillon)
- 4835 GUATEMALA R. Tesulutun; 0212-0217*, discussion, folk mx, M ancw w/sign off anmts and ID. Fair. (Jordan) 1115-1235 rel service in lang, mx, and in Good. (Bobb, 8-16)
- 4845 BRAZIL RN-Manaus; 0205-0206* PT, t/in just in time to hear s/off anmts w/ment of Freqs, ID, and off. Left a very weak R. Bucaramanga w/ID, struggling to be heard in its wake. (Alexander, 8-23)
- 4845 MAURITANIA RM; 2310 AR, Koran or prayer chants, wind instruments w/chorus. (Plotnick, Daly) 0609 AR/FR, tk and sitars, 0700 news in FR, back to AR afterwards. (Levison, Paszkiewicz)
- 4850 COSTA RICA R. Columbia; 0202 SP, mx, tk, and sports. (Rigas, 9-3)
- 4876 BOLIVIA LA Cruz del Sur; 0955 SP, t/in to s/on anmts, rel mx, 4 chimes at 1000, 1015 ID. (Alexander, 8-19)
- 4877* COLOMBIA Radio Super; 0445 SP, usual stuff but off freq. (Saylor)
- 4885 COLOMBIA Ondas del Meta; 0958 SP, LA pop mx, TCs & IDs. (Jones, 8-25) 0420 noted w/similar programs and M ancw. (Summers, 8-10)
- 4890 BRAZIL R. Bare; 0825 PT, M ancw w/MOR mx, some ads. (Pappas, 9-2)
- 4890 PNG NBC; 1120 EG, request mx px w/W host. ID and TCs. (Bobb, 8-24)
- 4890 SENEGAL Dakar; 2314 FR, emotional speech, 0012 carrier died. (D'Angelo)

Both Mike's wedding and bachelor party met their objectives. He didn't confuse the wedding vows for reception details, so he's back next month.



LOG REPORT

section B

4900 to 6199 kHz

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

"New" R. Catolica Nacional on 5055, and Mwer CP R. San Jose now on 5985 . . .

- 4900 VENEZUELA R. Juventud, 2345 8-16, rock mx, man DJ, TC on hr, talk (Dillon-DC).
- 4904 CHAD N'djamena, IS at 0450 8-5, ID, nx, mx, cmtry, good sig (Hawk); 0455 8-12, IS, NA, chorus, ID, sked, talk, Afr mx (Paszkiwicz); balafon IS *0457 8-11, NA, chorus, hilife and tribal vocals to 0530, exc sig (Atkins-AL); 0500-0515 9-1, talk, mx, fair (Bobb-MN).
- 4905 BRAZIL R. Araguaia, Hallelujah Chorus excerpt 0000 8-16, deep voiced anncr with ID, pop mx, light rock, fair (Bobb-MN); ZY pops 0014 8-16, jingle ID, EG disco, ads, ID 0026, more pops; fair (D'Angelo-PA); pops 0150 8-18, man DJ, ID 0200, anmmts (Dillon-DC).
- 4910 HONDURAS LV de la Mosquitia, vocal duet prgm 0050 8-26, folk, rel. mx, fair (Bobb-MN).
- 4911 ECUADOR Emisora Gran Colombia, world nx 0300 8-25, incl. Repub. convention items; ID at 0304, jingle, ads, more IDs, EZL mx, fair (D'Angelo-PA); 0415 8-9, talk by man, ads, ID, LA mx, off 0559* with NA (Alexander-PA).
- 4911 PERU Radio Libertad de Trujillo, talk of olympics at 0131 8-13, Coca-Cola ad, excited male anncr, station ID 0134 (Johnson-TX).
- 4915 BRAZIL R. Anhanguera, campo mx 0010 8-19, ID at 0010, 0014, breezy talks, accordians, fair sig (Jordan); 0710 8-17, much chatter mixed w/bouncy ZY tunes, fair (Summers-PA).
- 4915 COLOMBIA Armonias del Caqueta, NA at 1012 tune-in on 9-4, chimes, opening armts and ID at 1014, into light LA mx (Alexander-PA).
- 4920 USSR R. Vladivostok via Yakutsk, DJ playing Soviet folk and MoR mx at 1331 on 8-27; mixing with Brisbane, also 4915 QRM, poor overall; //5015 (Park-HI).
- 4926 EQUATORIAL GUINEA Bata, 0147 8-3, maybe all night for elections, many mentions of "Presidente de la Rep." Lively mx, no armts till ID 0338. Not hrd this time any other days (Valko); .0525-0600 9-1, hilife, SP and vernac, better than old 5003v (Atkins-AL).
- 4930 HAITI 4VEH, FR talk, fair, no ID so make it presumed, 2235-2340 8-22 (Plotnick); EG lesson 2310 8-13, FR ballads 2330, man anncr, poor sig (D'Angelo-PA); calypso mx 2345 8-18, revival mx, ID 0000, soft pops, fair (Jordan); time ticks at 0000, ID, bagpipe-like tune, fair in QRN 8-22 (Bobb-MN); FR "Go Tell It on the Mtn" 0013 8-17, M&W anncrs, religious talk (Dillon-DC); classical mx 0030-0050 8-7 (Weinhold); piano instrumentals 0115 9-5, FR (Green); "Danny Boy" at 0852 8-15, FR, good signal (Blanchette-FL).
- 4935 PERU R. Tropical, LA ballads 0240 8-29, pops, ID and TC "en Tropical," fair (Jones-MS); 0250-0320 8-11, IDs, ads (incl. Sprite), romantic ballads, fair sig (Atkins-AL); 1009 8-15, OA mx, ads 1021, peak arnd 1023, fair (Bolland-FL); good signal at 1020 on 9-4, OA mx, armts, several IDs at 1031 (Alexander-PA).
- 4940 SRI LANKA SLBC, 1617 in EG on 8-12, pops, ID as Natl Svc of SLBC, poor w/utes (Park-HI).
- 4945 COLOMBIA Caracol Neiva, interview re political leaders at 0310 8-9, ID 0320 (Jones); Caracol IDs 0335 8-18, man anncr, nx, TC, half-hr nx roundup (Dillon-DC).
- 4950 SARAWAK Kuching, 1330 8-26, nx, mx, economic rpt, in EG and other lang (Hazeline).
- 4950 UNID. At 0120 on 9-6, man talking in unidentified language, very weak (Field-MI).
- 4970 VENEZUELA R. Rumbos, 0010 on 8-27, LA mx with man DJ, TCs, ID, door bell sound between armts, fair (Dillon-DC); hrd with baseball game at 0130 on 9-5 (Green).
- 4972 CAMEROON Yaounde, FR 2240 on 8-17, FR armts, fading, back up with mx 2049 (Bolland-FL).
- 4979 ANGOLA Tent. Emisora Regional de Cabinda, PT at 0520 on 8-17, armts, tribal mx, man anncr with mentions of Angola at 0530; poor, buried by ute QRM (Pappas-FL).
- 4980 VENEZUELA Ecos del Torbes, vocal mx 0303 on 8-9, ID 0306, ads, more IDs (Jones); love ballads at 0311 8-18, man DJ, laid back approach, armts, TCs, fair sig (Dillon-DC).
- 4985 BRAZIL R. Brasil Central, mx, ads, 0510 9-8; 0930 on 9-7, probably this one with mx, very weak, didn't stay with it (Field-MI); booming in 0620 with ZY ballads, male host, frequent TCs, IDs, ads, 8-17 (Pappas-FL); 0635 8-25, M&W anncrs, ID 0645, gud (Summers-PA).
- 4990 NIGERIA Lagos, relig. prgm 2252 8-12, 2300 ID, world nx, hilife (D'Angelo-PA); also 8-16, 2300 with nx, Afr mx 2306, YV QRM (D'Angelo agn).
- 4990 PERU R. Ancahs, NA at 0927 tune-in on 9-4, s/on armts with ID at 0929, into OA mx (Alexander-PA); NA at *0929, ID, mx, fair sig (Bolland-FL); hrd opening slightly after 0930 9-6 and 9-7, into "Musica Nacional," good sig (Field-MI); mx 0947 8-31, TC, ID, live ads, fair (Bolland-FL); basic rustic stuff 0948-0956 8-25, man anncr between mx selections, ID 0952, killed by YV NA 0954, then mixing; this fuy a mess A's (Moritz-OH).
- 4990 SOUTH AFRICA R. RSA, 0420 on 8-31, EG discussion, nx, ID 0425, fair sig (Gray-MI).
- 4990 VENEZUELA R. Barquisimeto, percussion mx 2345 8-23, reverb IDs, fair (Bobb-MN); LA mx at 0200 on 9-5 (Green); disco mx 0255 8-18, ID 0304, RSA QRM (Dillon-DC).
- 4996 PERU R. Andina, flutes 0930 8-13, monotone anncr, interrupts mx; fair (Bolland-FL).
- 5005 NEPAL tentatively. 0025-0040 fade on 9-11, agn 0027-0050 fade 9-12, weak sig but

- deinitely Asian mx, sing-song language; weak LA stn just above fqy 9-12, apparently newly reactivated Radiodifusoras Cristal, per JCC (Reinsten, Potter-FL).
- 5005 SARAWAK Presumed Sibiu, hrd some AMs opening at 0959, short melody, talk by gal, light Asian pops, short anmts in between; fading by 1050, far gone at 1100 (JE).
- 5010 CANEROUN Garoua, FR, vocals at 0440 on 8-22, nx at 0450, Afro mx, ID 0501, very weak (Jordan); exc 0505-0525 8-22 with vernac talk, some local mx themes (Atkins-AL).
- 5015 BRAZIL R. Cultura de Cuiaba, armts, mx, ads, 0950, fading badly by 1002 (Bolland-FL).
- 5015 ECUADOR Esc. Radiofonica Populares, 0438-0605* on 9-2, fantastic live performance of HC mtn mx, gal, guitars, flutes. Canned ID 0604, off 0605 with no NA (Pappas-FL).
- 5015 USSR Vladivostok, RS talking by man 1013-1020 8-16, poor sig (Bolland-FL).
- 5020 ALBANIA Gjirokastrer, usual frenetic mx in local language 0320 9-3 (Plotnick); tradit'l Alb mx, a few comments between songs, good 0324 8-8 (Bolland-FL); folk mx 0435 on 9-1, soon lost to QRN (Paszkiwicz).
- 5020 SOLOMON IS. Honiara, very strong 0900 9-6, ID 0901 (Kondo-JPN).
- 5025 BRAZIL R. Jornal Transamazonica, ads 0855 9-1, armts, ID, PT pop mx (Alexander-PA).
- 5025 PERU R. Quillabamba, 2 men in discussion 0117 8-16, full ID with "Anchors Aweigh" at 0128, fair sig (Bolland-FL); nice sig 0155 9-15, ID as "R. Quillabamba, Provincia de La Convencion," into Condor Pasa armts, OA NA by kids chorus to 0200, man shouting "Viva Peru" over the mx, long mensajes prgm (Reinstein-FL); mx 0250 9-8, ID 0258, NA, off in a couple minutes (Field-MI); 0258* 8-28, ID and fqys over "Tonight We Love" theme, short talk, off with no anthem (Jones-MS).
- 5027v UGANDA Kampala, 0316 8-25, ad for natl bank, rock mx, talk abt book shop, letnrs ltrs, lang nx 0330, EG nx 0400, fair sig (D'Angelo-PA); ID 0400 9-1, fanfare, EG nx, PSAs on driving, ad string, TC, very good w/het (McLemore-FL); 0405 8-31, talk on Ug economic recovery, poor (Gray-MI); fair-poor with obituaries, 0425 8-24 (Pate-MD).
- 5030 PERU R. Los Andes, *0927 on 8-12, gal with opening anmts, nice Andean vocals, YV QRN 0942, fair (Atkins-AL).
- 5030 VENEZUELA R. Contiente, LA mx with man DJ at 0030 8-27, ID, ads, TCs, some live updates from sports event, poor (Dillon-DC); EZL mx 0402 8-22, near hysterical IDs, and abruptly off 0406*, fair (Jordan); 0545-0600 8-19, fair with flavorful SS pops, many IDs and fanfares, "nacional Contiente" screamed out (Moritz-OH); ID 0609 9-2 (Summers-PA).
- 5035 CENTR. AFR. REP. Bangui, FR and vernac songs 2230 8-23, some "Saints Go Marching In" at 2256, NA, 2305*; QRN and QSB (Buer-FL); FR pop mx 2245 8-24, NA, 2256*; no ID, so call it tentative (Daly-NY); 2251 on 8-26, FR mx, talk, off with NA, poor overall (Gray-MI); 2251 on 8-5, hiliife mx, s/off anmts, ID, NA to 2259*, poor signal (D'Angelo-PA); hiliife till 2256, then talk, probably ID but missed, NA to 2258, poor 8-25 (Bolland-FL); 0004-0136 9-1, past usual 2300 s/off, Afro mx, FR nx 0100, very strong but why late, not their indep.day (Reinstein-FL); lively non-stop mx 0030 9-1, then quiet mx, possible political speech, FR and vernac, fair and fading 0130 (Bobb-MN); interview 0440 8-24, pblt nx summary, ID, talks, ID and nx at 0500 (Jordan).
- 5040 COLOMBIA R. Cinco, 9-7 from 0130 with mx prgm, complete ID 0200, weak (Field-MI); good at 1003 tune-in 9-5, s/on anmts, NA 1004, ID, LA mx (Alexander-PA).
- 5040 ECUADOR R. LV del Upano, 2347 8-27 nice sig, ID at tune-in, mixed bag of mx, radio novela or similar 0000, ID 0025, NA, 0029*; tnx to Reinstein for finding (Moritz-OH); good 0015 9-1, ID, closing anmts, NA to 0033* (Alexander-PA); 0025-0045 9-15, nice HC mx, man reading long list of DXers who sent rpts, said would answer with QSLs and pennants (Reinstein-FL); s/off anmts, ID, NA to 0030* 9-1 (Johnson-TX).
- 5040 PERU R. Libertad de Junin, caught final few words of armt, incl. ID, 0355* 8-27 (Jones-MS).
- 5040 VENEZUELA R. Maturin, 2338-0018, almost fair 8-20, mix of mx, IDs (Moritz-OH).
- 5045 BRAZIL R. Cultura do Para, 0110 9-6, sports broadcast (Field-MI); non-stop mx 0708 8-17, ID 0718, fair in QRN (Bobb-MN); SA mx 0720 8-17, man anncr, F-G (Summers-PA).
- 5047 TOGO Lome, *0530 8-25, 6-note IS for 5 minutes, march mx, NA, hymn, FR anmts; "Onward Christian Soldiers," ID, nx (Jordan); lively mx 2310 8-25, NA to 0003*, fair with low modulation (Bobb-MN); poor at 0532 on 8-31 with talk, then mx, IS, ID at 0534 (Gray-MI); male anncr with ID at 0606 8-17, FR, "Beat It" (no escaping it!) (Pappas-FL).
- 5050 ECUADOR R. Jesus del Gran Poder, man with responsive rdng, 1044 8-15, TC, ID (Bobb-MN).
- 5050 TANZANIA Dar es Salaam, local pops 0335 9-3, presumed Swahili, drums, pips and TC 0400, good w/no ute this nite (Atkins-AL); fair 9-2 0427, man between Afr songs, clear ID at 0431; best on LSB to avoid RTTY QRN (Pappas-FL).
- 5052 SINGAPORE R. Singapore, barely audible anmts 1144 9-1; 11940 QRMed (Bolland-FL).
- 5055 COSTA RICA TIFC, EG 0302 on stamp collecting, relig.mx 0315, ID, Bible rdng, 9-22 (Jones); organ mx 1110 8-27, ID, lively mx, some religious (Bobb-MN).
- 5055 ECUADOR R. Catolica Nacional, Quito, per JCC tip, 0148-0244* 8-30, booming in over TIFC, mentioning 94.1 FM and 880 Kw, not Sw; HC NA to s/off (Reinstein); hrd well 0140 9-5, fantastic romantic vocals, occasional ID; said would return *1130. NA to 0229, 0231*. Mostly religious programming noted on later checks (JB).
- 5055 FRENCH GUIANA Cayenne, 0859 8-13, IS, NA, ID by gal, greetings, sound effects, fair in QRN (Bobb-MN); *0900 8-9, guitar IS, NA, ID, EZL guitars; good, //6200-(Alexander-PA).
- 5055 SWAZILAND TWR, *0355, IS, EG ID, into GN 0400; IS sounds more like celeste, and is longer than shown in WRTH; 8-22 (Gundersen); *0355-0406, IS, EG ID, GN, choir mx, fair 8-25 (D'Angelo-PA); returned to EG 0430 after above, 8-27 (Summers-PA); hrd *0400 8-27 with IS and ID beneath TIFC s/off anthem (Jones-MS); GN to 0430 close 8-22 (Jordan); EG ID 0445 8-15, "Back to the Bible" prgm 0500, fading by 0520 (Pate-MD).

- 5057 ALBANIA Gjirokaster, 0330 8-8 with Alb mx, talk, //5020; fair (Bolland-FL); march mx 1749 8-6, ID 1800, good signal (Nathanson-ISRL).
- 5064v ECUADOR R. Nacional Progreso, man with talk and impassioned songs, ID, 0145-0200 8-26, fair (Bobb-MN); mx prgm at 0200 on 9-8, ads referring to Loja, but no ID hrd (Field-MI); beautiful ballads at 0315 8-22, man annr with echo-effect IDs at approx. 4-5 minute intervals; voice overs, march mx, to 0436* (Jordan); good signal 8-25 at 0450 with LA mx, echo armts, ID, s/off armts, NA to 0506* (Alexander-PA). 5063, unid, at 0405 on 8-16 with mx, guitars, rapid fire SP, poor-fair (Gundersen) (probably this one-JB).
- 5095 COLOMBIA R. Sutatenza, man with nx 0120 9-3, ID, fair with CW QRM. (Plotnick).
- 5200 CLANDESTINE Voice of National Army of Kampuchea, 1327 on 8-18, ID 1329, poor but can be hrd every day (Kondo-JPN); possibly the one hrd 2357-0001 fade 9-10 during exc Asian rcpr; Asian mx, seemed like anthem-type song 0000, then strident gal annr. Tough copy, better at 1130 (Reinstein-FL).
- 5274 PERU Presumed R. Moderna, 0956-1003, mx, talk, vy weak, high static, fading 8-31 (Bolland-FL).
- 5331 ANGOLA R. Nacional at 2238 9-9, good sig with political talk, a little mx, mentions/FL- of Luanda and R. Angola a couple of times; still there after 0000, wide variety of mx, gal annr between selections. Why here and why so late? (Moritz-OH).
- 5360 PERU R. Vision, very noisy sig 2355 9-1, promos, ID, noticias or similar, ID with much fanfare at 0005, mx; fairly regular lately, esp. later in evening (Moritz-OH); talk, mx, struggling w/noise 0044 8-18 (Bolland-FL); 0313 8-28, pops, ballads, low speech lvl during armts, fair signal (Jones-MS).
- 5475 GUINEA BISSAU R. Nacional, mostly weak 2315-2359* 9-9, but some peaks with PT talk, Afr mx, mention of Radiodifusao Nacl at 2357; short anthem and off (Reinstein-FL); haunting tribal mx 0620-0730, only armts were ID and short talk 0627, a little more at 0657; almost gone at 0800 recheck (Atkins-AL, 9-2); mx 0627 9-2, few armts, very PT-sounding vocals; fading 0720. Clear ment. of GB at 0658; tnx Krueger & Crawford (Pappas-FL).
- 5580 CLANDESTINE R. 15 de Septiembre, 0235 8-9, talk, sirens, machine guns, ID, FL. LA mx, //5555, 6215, 7050, only 6215 and 5555 jammed, tho jammers gone 0508 recheck/
- 5870 N. KOREA Pyongyang, *1000, gal in Korean, IS, gone 1012 (Bolland-FL). (Alexander-PA).
- 5895 BELGIUM BRT, EG at 1854 on 8-7, "Brussels Calling," good sig (Nathanson-ISRL).
- 5925 UZBEK SSR Tashkent, 1322 on 9-5 and 9-6, IS and ID 1345, poor; RS, Uzbek (Kondo-JPN).
- 5930 CZECHOSLOVAKIA Prague, cmtry on nuclear proliferation, fair 0100 8-3 in static (Gray-MI); EG at 0059 8-10, IS, ID, world nx, RM. QRM (in Russian), fair (Dillon-DC).
- 5945 AUSTRIA Vienna, "Rpt frm Austria" 0330 8-25, world nx, financial nx, cmtry, opera (Dillon-DC); nx, Austrian vx, talk abt traffic accidents, 0335 on 9-7 (Pate-MD).
- 5950 GUYANA GBC, IS, ID, NA, "GBC Inspiration Time" 0728 8-10 (Vadino-WA); *0729 abrupt s/on 8-11, gal ID, pledge, "Early Bird Show," good sig (Atkins-AL); 2325 8-15, local nx, wx, TC, into world nx and sports; ID; bad because of static (D'Angelo-PA).
- 5960 CANADA RCT, *0030 in FR 8-29 (Weinhold); EG 0200, SWL Digest 8-19 (Hawk).
- 5975 CHINA Peking in Korean 1240 9-4, angry sounding talk, //4620, 4020; fair (Park-HI).
- 5980 SOUTH AFRICA R. RSA, EG 0200, nx, Africa Today, //9615 (Blanchette-FL 8-31, Dillon-DC).
- 5985 BOLIVIA R. San Jose, Dpto. Oruro, apparently the 1490 Mwez, 0922 8-29, *0855 9-1). 8-30, best 8-31 opening *0919, long siren, ID with guitar and flute in background, into "Jornada de Luchin" prgm, Andean mx, many TCs. SP numbers stn a big problem on this freq. San Jose not hrd lately (JB); 1004 8-31, ballads, charangos, GMT-4 TCs, mentions of Bolivia tho no ID hrd; freq actually 5984.9, but JB'll probably round it off (Reinstein-FL).
- 5985 USA WFYR carrying VoFC, EG 0100, nx, cmtry, mx, exc sig (Dillon-DC, Levison, Mack-FL).
- 5990 ROMANIA R. Bucharest, historical prgm in EG 0250 8-8, stn ID 0255 (Jones).
- 5995 AUSTRALIA RA, 1100-1150 9-4, world nx, gal talking on environment; mx, wx (Bonnet-IN).
- 6000 BRAZIL R. Inconfidencia, 0750 8-24, man with mx, rooster crowing, ID, fair (Bobb-MN).
- 6005 COSTA RICA R. Reloj, nx 0145 9-4, mx, ads 0150 (Field-MI).
- 6010 VENEZUELA R. Los Andes, LA mx 1035 8-19, ID 1039, armts (Alexander-PA).
- 6014.5 PARAGUAY Emisoras Paraguay, 0935 9-2, clear tho not strong, ID, promos, 2F mx; LSB and notch really help, but just part of the 6015 mess by 1000; again 9-3, weaker but s/on noted at 0919, carrier till 0928, then mx, ID 0930, mx, talks, gone by 0945 (JB).
- 6015 VATICAN Vatican Radio, EG 0050 8-31, talk abt a book, prayer, //9605 (Dillon-DC).
- 6018v NICARAGUA Voice of Nicaragua, "Contact 248" 0143 9-1, ID, Nic mx, anti-US nx, EG; into SP 0200 (Dillon-DC); very strong 0418 9-1, EG talk abt voting regs (Feeley); 0445 8-4, nx, cmtry, IS and ID 0500, into SP (Summers-PA); 1117, separate prgm on 6099 (Alexander-PA).
- 6020 ENGLAND BBC WS, radio drama 0057 8-12, ID, nx, fair signal (Trotto-FL).
- 6021 PERU R. Victoria, 1040-1105 8-18, tuned in to Andean mx, Beethoven theme mx 1046, NA 1047, opening armts but could not catch ID so make it "presumed" (Alexander-PA).
- 6025 BOLIVIA R. Illimani, ID by gal at 0959 8-19, sounded like nx read by a man at 1000, good signal (Pate-MD).
- 6025 HUNGARY Budapest, IS 2157 8-30, then SP ID 2200, fair sig (Nathanson-ISRL); trumpet IS 0100 8-22, ID, world nx, interview, DX prgm, fair-poor (Dillon-DC).
- 6025 NIGERIA Enugu, 2145-2203 9-9 with Afr choral mx, lots of drums; pips 2200, TC for 11:00 pm, ID, into EG mx; strong signal (Moritz-OH).
- 6035 AUSTRALIA RA, 1835 8-13, end of Australian nx at 1839; fair sig (Nathanson-ISRL).
- 6035 LIBERIA VOA relay, poor at 0340 8-31, "Daybreak Africa," R&B mx, ID (Gray-MI).
- 6035 URUGUAY La Radio, LA mx with man DJ, fair with no QRM, frequent mentions of "La Radio" at end of each song; this at 0600-0625 on 8-19 (McKellar-CA).

- 6040 GDR RBl, St cmtry at 2350 on 9-4 (Green).
- 6041.3 BRAZIL R. Cl. Paranaense, tentatively the one hrd here 0950 8-19 with ZY pops, ads, talk, no ID (Alexander-PA); more recently back on 6045, hrd there 0030, 0830 (JB).
- 6045 AUSTRALIA RA, instr.mx 0910, TC at 0915, "Calling Antarctica", poor (Park-HI).
- 6045 LIBERIA VOA, EG ID 2200 8-31, fair with world nx (Trotto-FL).
- 6050 ECUADOR HCJB, 1045 in Regl Svc to SA, relig.talk, inspirational mx, 8-25 (Dillon-DC).
- 6055 USA EBC via Delano, per WRTH, SP, jazz piano, 0212-0230 9-1, //6110, 6155 (Bobb-MN).
- 6058.5 CHINA Apparently Sichuan PBS, Chengdu, which is what DUDXS used to list here; pretty good lately arnd 1015-1115, //7225; modulation sometimes low on 6058.5 (JB).
- 6060 PORTUGAL Lisbon, 0300 with NA, ID, PT nx, sked, talk, acordeon, F-P 8-25 (Dillon-DC).
- 6065 BRAZIL R. Nacional de Amazonia now here with big sig. *0800 9-3, IS, Radiobras ID, into ZY mx (Trotto-FL); ditto, good with TCs, ads, *0800 8-22 (Pappas-FL); varied mx at 0910 8-24, mentions of Brasilia and Sao Paulo, good signal (Bobb-MN); 0830 8-15 (Jones-MS).
- 6065 COLOMBIA R. Super de Bogota, slow ballads 0645 8-15, talk, quick ID, WYFR QRM(Trotto-FL).
- 6070 CANADA CFXR-Toronto, nx 0945 8-17 (Witzig); nx, wx 2105 8-27, ID 2120 (Gilster).
- 6070 ECUADOR HCJB, Quechua 1030 8-25, Andean mx, ID, sermon (Dillon-DC).
- 6071 COSTA RICA R. Rumbo, lively LA mx at 1055 on 8-9, armts, ID 1102 (Alexander-PA).
- 6075 PORTUGAL Lisbon, EG 0538 8-19, nx (Mack-FL); VG 0550 8-18, end of DX prgm (Pate-MD).
- 6076 HONDURAS LV del Junco, ballad 0050 9-5, ID, many ads, promos, a little yelling; good sig but QRMED (Moritz-OH); 1215 9-1, IDs, talk over mx (Johnson-TX).
- 6080 AUSTRALIA RA, world nx 1100 9-1, ID, "Austr Editorial Opinion," 1125 fade (Dillon-DC).
- 6080 JAPAN NHK, M&W hosting Japanese mx prgm, 1035 8-22, sounds like local prgm(Bolland-FL).
- 6085 COLOMBIA Ondas del Darien, LA mx 1013 8-25, battery ads, TCs, fair (Dillon-DC); 1045 on 9-5, HJ campo mx, talk, IDs 1101 (Alexander-PA).
- 6085 GFR DW, EG 0100 8-31, good sig, talk abt the foreign worker problem (Blanchette-FL); 0108 on 8-3, fair with "Microphone on Europe," Pravda attacks on US (Gray-MI).
- 6090 CUBA Havana, NF, EG 0131 on 9-6, exc but QRMED by DW-6085 (McLemore-FL).
- 6090 LIBERIA ELBC, 0732 9-2, comprehensive nx on Liberia, Monrovia, ID 0750 (Bobb-MN).
- 6090 LUXEMBOURG R. Luxembourg, 0032 8-27 with mx, phone-in show, ads for "Karate Kid" movie (Mack-FL); mx 0046 8-15, gave address, nx, good (Blanchette-FL); 0048 on 8-20, rock mx, nx, telephone calls (Levison).
- 6095 ECUADOR HCJB, DXPL 0630 8-12, fair with YVTO-6100 QRM (Park-HI).
- 6099 NICARAGUA LV de Nicaragua, transcribed story of some sort 1052 9-1, ID 1103, into SP pops; bad het (Moritz-OH); 1112 8-18, LA mx, pol.slogans, TCs, IDs (Alexander-PA).
- 6100 VENEZUELA YVTO, time pips at 0230 on 9-5 (Green).
- 6105 MEXICO Sus Panteras, current rock (Police, Denise Williams) 0245 8-19, ID 0300(Jones).
- 6105 BOLIVIA R. Panamericana, 1027-1100 8-18, good, Andean mx, armts, ads, ID(Alexander-PA).
- 6110 GFR DW, NF, 0515-0550* 8-26, EG, ID, G: Hit Parade, good signal (Trotto-FL); 0515-0550* 8-31, EG, tourism, lively mx, talk on Atlantis, //5960, 9545, 9690 (Jordan).
- 6110 HUNGARY Budapest, 2300-2305, IS, ID, Hungarian nx, poor, QRM'ing R.Mediterran (Trotto-FL).
- 6110 MALTA R. Mediterran, ID by gal in EG 2232 8-11, mx, poor sig (Paszkiwicz); 2246 8-27, EG nx, pop mx, ID by gal, fair sig, Budapest QRM (Trotto-FL).
- 6115 PERU R. Union, DJ with mx 0801 on 8-15, IDs, fair in QRN (Bobb-MN); at 0930 on 8-18, OA mx, ID, talk by man (Alexander-PA).
- 6118 COLOMBIA LV del Llano, LA mx 0350 on 8-31, ID 0354, more vocals (Jones); 0630 on 8-26, LA mx, ID and TC, strong signal (Summers-PA); guitar 1001 8-25, TC, ID, ad (Dillon-DC).
- 6120 CANADA BBC WS, world nx at 0200 on 8-24, review of the British press, fair (Dillon-DC).
- 6120 NICARAGUA R. Zinica, 1107-1140 on 8-18, marimba mx, TCs (Alexander-PA).
- 6130 ECUADOR HCJB, DXPL at 0952 on 8-25, giving address, ID, target area is the South Pacific; TC, into "Passport" 1000, very good signal (Dillon-DC).
- 6140 ENGLAND BBC WS, hrd ID in EG at 0500, and then went into Polish at 0500-0515, then Czech 0515-0530; good sig on 8-20 (Trotto-FL).
- 6145 GFR DW, EG ID 0100 on 8-16, sked, world nx, talk about relations between the two Germanies; press rvw, war in No.Ireland (Dillon-DC).
- 6150 AUSTRALIA ABC-Melbourne, catchy IS tune hrd 9-2 just before 0830 a/on; vaguely like "Waltzing Matilda" but different; never ran into it before (JB).
- 6150 CHINA Heilongjiang PBS, Harbin, CH singing 1050 8-22, sounds like opera; fair(Bolland-FL).
- 6150 COSTA RICA R. Impacto, rock, LA mx 0404 9-3, ID, TC, abrupt 0420* (Paszkiwicz).
- 6155 JAPAN FEN, "Golden Age of Radio" prgm 1023 8-13, later rock mx; fair (Bolland-FL).
- 6155 SINGAPORE R. Singapore, 1042-1105 9-1, fair with pops, talk by gal, ID on the hr, then usual tune afterwards (Bolland-FL).
- 6160 CANADA CKZN-St.Johns, EZL mx 1142 8-15, instr.mx, ads, 1200 ID, nx; fair(D'Angelo-PA).
- 6160 CANADA CKZU-Vancouver, *1229 8-23, clas.mx, CBC nx 1300 (Johnson-TX); very weak 0735 8-8, but improving; DJ, EZL mx, ID, mentioned 5:30 am s/on, NA to 0806* (Alexander-PA).
- 6160 COLOMBIA Em.Nueva Granada, ID, TCs 0925 8-25 (Dillon-DC); 0947, talk, ads (Pate-MD 9-6).
- 6175 ANTIGUA BBC WS relay, ID 0200 8-22, pips, world nx, press rvw (Dillon-DC).
- 6180 VENEZUELA R. Turismo, lively LA mx, man DJ, strong 0938-0951 on 8-25 (Dillon-DC).
- 6188.5 PERU R. Oriente, 1140 w/fast talking anncr, renditions of rock, ID, 8-29(Johnson-TX).
- 6195 NIGERIA Tent. Sokoto, AR mx 2212, man in vernac, perhaps Hausa; also gal (Moritz-OH 9-9).
- LATE ITEM: 4990 ECUADOR R. Baha'i hrd 0845 9-22 w/test xmsn ("transmision de prueba para evaluar la recepcion de nuestras ondas"), requesting rpts to Apartado 14, Otavalo, promising "hermosos recuerdos de R. Baha'i". Very good sig, tho "Ancashed" arnd 0930 (JB). 73! --



LOG REPORT

section C

6200 to 11699 kHz

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

- 6200 NICARAGUA R. Sandino; 0610-0625 with a mix of SP pops, baladas, and EG pops as well; couple ID's by M, as at 0617 (Moritz 8/19).
- 6215 CLAND R. 15 de Septiembre; 0335 SP, M w/speeches, ID's, siren noises often (Jones-TX 8/17); 0503 w/usual pgm and many reverberated ID's by M, though sometimes a W (Moritz-OH 8/7).
- 6230 CLAND LV de Sandino; 2325, M in usual SP chit-chat w/some mx, some folk & some patriotic; a number of ID's along the way, as at 2330 mixed w/machine gun fire; rather poor signal today (Moritz 8/20).
- 6252 VATICAN VR; 0658-0700 Latin high mass in progress; f (Trotto 8/15).
- 6280 PIR. "KQRP" w/Radio Heartland relay; 0255-0320 class. mx, IS, ID, pop mx at 0302; heard //7427 (Alexander 9/1); 0258 IS, ID w/M saying that this is relayed by KQRP; rock oldies; //7426 better (Rigas 9/1).
- *6296 PERU R. Chota; 0249-0306*, LA mx, anmts by M w/many TC's, ment of Chota and pgm name; ID at 0302 w/s/off anmts; NA to 0306 then gone. Been checking for this for a couple years. Glad to hear it!! (Valko 8/24). Good stuff, good going!
- 6323.5 PERU Estacion "C"; 0225 Spanish mx & easy talking M ancr, ID then more mx (Johnson-TX 8/28); 1037-1050 tent. the one here with folk mx by men & M ancr between, but QRM & noise really leveling the signal out; couple nice numbers and extended talk by ancr from 1044 until 1048; signal almost useless by tune out (Moritz 9/1).
- 6348NF KOREA S. R. Echo of Hope; *0854 KR, carrier, instrumental of "Ari-rang" at 0857, low talks by M, traditional mx & nx by W; under RTTF and other ute QRM (Park-HI 9/4). Your typing is great improvement!!
- 6530 CLAND Radio Venceremos; 0012-0024 w/usual M&W in rant w/many ment of "revolucionario"; all of this over martial mx; into patriotic number by male group at 0022 and cur short by W with ID at 0023 over it (Moritz 9/2). May I take this space to say tnx for your logs!!
- 6556 CLAND R. Venceremos; 0038 SP, talk & songs 'til 0100 ID followed by brief talk by M then into numbers until 0119. Instructions to operators in El Salvador? Interesting; fair/poor (Daly 8/14).
- 6561 CLAND R. Venceremos; 0027-0037 SP, ID, mx, M&W talk about revolution; mx, ID, talk; good (Trotto-FL 8/12).
- 6909.7 Radio Dublin; 2313 EG w/David Bowie's "China Girl" at tune in followed by TC & ID & into pops instrumental (Moritz 8/20); 0035 EG top pops between tunes (Bolland 8/7); 0320 EG, pop tunes including Beatles & Wings; weak but clear (Atkins-AL 8/22). IRELAND -ed.
- *7053 PERU R. Celendin; 0352-0357* SP, hrd on 8/20 w/ment of "La Voz de ?" & possible ment of Celendin; but on 8/29 managed to get ID during s/off anmts as: "Viva todos (?) Ra-di-o Ce-lin-din", OA NA to 0357 and gone. Hit it right when hams let up. (Valko 8/29).
- 7097t PAKISTAN? RP H.S.; 1605 Vern.; Indian-style mx, man w/low talks; more Indian mx; no //s found; poor (Park-HI 8/12).
- 7125 GUINEA Conakry 0705 FR, heard w/W.Afr. mx, French ID's & anmts; first time for me on this freq, absent next night; g (Pappas-FL 8/31)
- *7155 CAPE VERDE Em. Official; *0732-0859* PT, strong signal with s/on w/ 2 gongs and NA, ID at 0733 as "Emissora Oficial da Republica de Cabo Verde", PT & EG pop mx, 2 gongs and ID at 0759 followed by talk & more mx inc. Michael Jackson; 2 gongs & off 0859* (Alexander-PA 8/9)
- 7160 MONACO TWR-Monte Carlo; 0630 EG, ID, "BTTB": f (Summers 8/24).
- 7160 SARAWAK RM-Kuching; 1430-1445 EG, regional mx & pop instrumentals, ID by W and abrupt off at 1445 (Sharp-CA 8/28).
- 7170 NEW CALEDONIA R. Noumea; 1856 FR, pop mx, W ancr; p (Blanchette 8/16); 1011 FR, presumed w/possible ID at 1030 (Bolland 9/1).
- 7215 IVORY COAST RTVI; 2330-0002* FR, M w/pop song pgm; NA; f (Bobb 8/13) 2345 FR, popular mx, African & Western (Feeley 8/13).
- 7225 RWANDA DW-Kigali; 0400 SW then EG, nx & ID's (Yoder 8/3); 0438 EG, details of world conf. on religion & peace (Gray 8/31); 0503 EG, "Out & About in Germany" on rail & ferry travel (Park 8/11).

- 7255 BOTSWANA RB; *0354-0411 lang/EG, good ol' barnyard IS under Radio Sofia; NA after ID followed by mx & rel pgm (D'Angelo 8/14).
- 7275 KOREA S. RK; 1145 EG, "Bridge of Friendship" lbr show (Park 8/11).
- 7305 USSR FAR EAST RMWS; 0402 Pravda interview w/Chernenko (Park-HI 9/3)
- *7365NF SYRIA SARB; 2139-2328* replacing 12085; very strong signal w/AR nx at 2215; nx headlines at 2315. ID's sounding like "Jumhuriya il Arabiya ti Souriya". Holy Qur'an at 2317; brief anthem by military band to s/off. No //s found (Reinstein-FL 9/1). Syrious dx, hi! ed.
- 7365NF USA KGEI; 0258 RS, rel pgm; f; ID at 0300 (Rigas-IL 9/3); 0328 RS7, end rel pgm, M w/ID, San Francisco & Helsinki address; ex-11715; will it play in Petropavlovsk-Kamchatsky? (Park 9/5); 0357-0405 RS, rel mx, ID, sermon (McLemore-FL 9/3). Scheduled here 0200-0500 -ed.
- 7410v PIR. "KLS"; 0301-0336, mx by Beatles & ELO, tnx Valko (Yoder 8/6).
- 7412 ISRAEL KI; 0200 EG, nx, Jewish values etc. (McLemore 9/1, Zilmer).
- 7416.7 PIR. "WMTV"; 0435-0535* rock mx, ID's as "WMTV" or "96 MTV", said also on 96.3 FM stereo; ment 50 watts and gave address as Box 1331, West Palm Beach, FL 33402; fair/poor (Rigas-IL 9/3). 0456 rock, novelty ads, "Voice of South Florida", s/off 0536 (Paakiewicz 9/3).
- 7418 VIETNAM Hanoi, 1128-1135 Viet. M&W, ID at 1132; //10060 (Bolland 9/1)
- 7465 ISRAEL KI; 0305 AR7, nx, ID at 0330, listed at pgm "D" (Jordan 8/17); 0510 "Reshet Bet ("B") relay, heavily jammed nx (Pappas 9/1).
- 7550 KOREA S. R. Korea; 1625-1650 AR, Korean pops, nx, ID's (Sharpe 9/2).
- 8900 PERU Radio Continente; 0203 slow ID, TC's, many anmts, no mx (Johnson-TX 8/16); 0335-0357* SP, lively LA mx, occasional TC's by M; bank ad, flute mx w/talking; long drawn out ID then s/off anmts ment 8900 only, NA then off; freq drifted some (Valko 8/16).
- 9022 IRAN VOIRI; 0128 FS, patriotic singing by choir, trumpet mx & ID (Johnson 8/23). BBCMS gives "Familiar Voice" Service 0030-0130 -ed.
- 9420 GREECE VOG; 2132-0150 GK/EG (Dillon, Hunt, Feeley, Jordan).
- 9475 EGYPT R. Cairo; 0220 EG, ID, address; poor modulation (Gray 8/3).
- 9505 JAPAN RJ; 1500-1540 EG, nx, features on Asia (Sharpe-CA 8/30).
- 9515 MEXICO LV de la America Latina; 1220 SP, ads; p (Bolland 8/21).
- 9530 SEYCHELLES FEBA; 1904 unid lang, ID in EG, mx (Park 8/11).
- 9540 VENEZUELA R. National; 1445 SP, variety of LA mx, ID by M, NA and off at 1457 (Prath-FL 9/2).
- 9545 BRAZIL R. Universo; 2225-2245 PT, mx & nx, v.g. (Mack-FL 8/26).
- 9570 KOREA S. R.K.; 0815 EG, nx w/Jack Greyson; f (Park-HI 8/15).
- 9575 ITALY RAI; 0050-0140 IT/EG to N.Am., mx & nx (5 reporters).
- 9575 PHILIPPINES VOA-Tinang; 1730 EG, "Now Mx USA" (Park 8/9).
- 9580 AUSTRALIA RA; 1100-1200 EG, nx, features (4 reporters).
- 9580 BRAZIL VOA relay; *0100-0115 SP, ID, M&W nx (Jordan 8/17).
- 9585 CLAND V. Communist Party of Turkey; *1157 Turkish, IS to 1200 when "Bürase Türkiye Communist Partiyi..." (Rigas-GREECE 7/29).
- 9590 MALTA IBRA Radio; 2030 EG, gospel mx, QSL address (Feeley 8/29).
- 9605 PHILIPPINES Radio Veritas Asia; 1250 Korean, EZ mx, ID (Johnson 9/1).
- 9610 AUSTRALIA ABC-Perth; 1130-1826+ EG (5 reporters).
- 9610 SEYCHELLES FEBA; 0314 lang., IS, weak under R. Norway (Vadino 8/9); 0353-0400* SH, Polynesian-style chorus, ID, IS: ex-9615 (Park 8/16).
- 9615 SOUTH AFRICA R. RSA; 0200-0256 EG to N.Am. (7 reporters).
- 9615 VATICAN VR; 2205-2222 EG, "Letterbox" show; f (Yoder-PA 8/10).
- 9620 GERMANY DR RBI; 0202-0245 EG, Africa pgm beamed to Caribbean (Gray 8/4, Dillon 8/18); 2032-2300 EG to Africa (Levison 8/7, Weinhold 8/19)
- 9620 YUGOSLAVIA R. Yugoslavia; 2117 EG, nx, Olympic report, mx; into FR, good signal but better with SSB detection (Pazkiewicz 8/12).
- 9630 SPAIN SFR; 0000-0150 EG to N. Am. (Dillon, Gray, Weinhard, McKellar)
- 9635 COLOMBIA R. Nacional; 1130 SP by W (Weinhold 8/7). Detail? ID? -ed. 1310 classical mx, long songs, few breaks (Prath-FL 8/18).
- 9655 ECUADOR HCJB; 0500-0530 Nordic talks, Andean, Nordic, and C&W mx, address & anmts, discussion w/two M; ID's (Jordan 9/2).
- 9660 AUSTRALIA ABC-Brisbane; 1200-1230 EG, ID by W ancr, regional nx, ID, mx program; good (Trotto-FL 8/26).
- 9660 VENEZUELA R. Rumbos; 1340-1355 SP, ID "Rumbos Emisora Venezuela", lively LA mx, TC's (Dillon 8/18); 2240-2307 show mx (Yoder 7/19).
- 9665 MALAYSIA RM; 1043-1210+ EG/BM, "The next news in English language service at 4:30 tonight. The time now is 7:40 and we continue in Bahasa Malaysia"; signal peaked around 1125 (Bolland-FL 8/18).
- 9675 PERU Radio del Pacifico; 1147-1155 SP, "Lord's Prayer" excerpts, ID, varied mx; f (Bobb 8/27); 1720-1730 SP, anmts w/commercials, many mentions of Peru & Lima, clear ID (Buer-FL 8/23).
- 9680 AUSTRALIA ABC-Lyndhurst; 1219-1315 EG, world nx, 1225 Victoria nx, sports, weather reports, ID, TC (D'Angelo 8/25). 1227 talk on place of homosexuals in Australian society, ID (Johnson-TX 8/10).

- 9690 ROMANIA R. Bucharest; 2100 EG, nx, talk abt miners (Paszkiwicz).
 9695 SWEDEN RSI; 2300 EG to N.Am., ex-15270 (Zilmer 9/3)
 9705 USSR FAR EAST RMWS; 1750 EG "Listeners' Request Club" playing songs by the Beatles and USSR's Zodiak; into CH at 1800 (Park 9/1).
 9710 ITALY RAI; 2214-2225 EG, Italian mx to s/off (Nathanson 8/30).
 9715 UZBEK SSR; R. Tashkent; 1420 EG, ID, "The Life of Muslims in the Soviet Union"; NA, IS and into Hindi; poor (Park 8/31).
 9720 BULGARIA R. Moscow; 0001 EG, Pershing II cmntry (Gray 8/20).
 9720 SRI LANKA SLBC; 1655-1735 Hindi, pleasant W w/old Hindi movie mx vocals, mostly by Lata Maharashtra, 1704 ID, s/off (Sharpe-CA 9/2).
 9725 SWITZERLAND SRI; 0445 EG, "SW MGR" inc. "RDI"; f (Park 8/12).
 9734.5 PARAGUAY R. Nacional; 2255-2330 SP, light SP mx, ID at 2300, QRM from DW 9735; 2nd harmonic heard on 19469 (Alexander-PA 8/23).
 9745 ECUADOR HCJB; 0030-0330 EG to N.Am., rel. pgm (3 reporters).
 9745 KOREA PDR R. Pyongyang; 1225 EG, cmntry, mx, ID (Gray 8/26).
 9748.8 TANZANIA RT; 1243-1337 EG, African-style chanting, W w/comment, signal marginable probably an earlier logging better (Bolland 8/18).
 9750 MALAYSIA RM; 1640-1657 EG, MOR mx, s/off w/NA 1657 (McKellar 8/29).
 9750 KOREA REP RK; 1400-1429 EG, nx by M, poetry expressing love for Korea, Korean pop songs, "Pulse of Korea" feature (Sharpe 8/29).
 9770 AUSTRIA ORF; 0130 EG, "Rpt. From Austria" //5945 (Dillon 8/12).
 9780 YEMEN ARAB REP. Radio San'a; 0415-0446 AR, M&W conversation, Qur'an into ME instrumental mx; ID 0430, marching mx (D'Angelo 8/14).
 9790 FRANCE and/or FR. GUIANA RFI; 1049 FR, Q&A pgm (Blanchette 8/27); 0320 EG, USSR tested their version of cruise missile (Gray 8/27).
 9800 USSR RM; 2330-2400 EG, "Radio Kiev" world mx, cmnt (Dillon 8/13).
 9810 USSR RM; 1140-1206 RS, mx until 1144 then dead air, nx at 1145, Soviet mx 1150; //4765 Cuba but this may be direct (Bolland 8/20).
 9815 ISRAEL KI; 0000-0025 EG, nx, "Folk & Fable"; g (Mack 8/15).
 9815 PAKISTAN RP; 1655 Parsi?, IS, W w/ID & theme, Qur'an (Park 8/17).
 9835 HUNGARY RB; 0030-0100 nx, cmntry (Weinhold 8/14); 0100-0127 EG, ID, world nx, criticism of Reagan, mx, dx show (Dillon 8/15).
 9840 VIETNAM VOV; 1115-1128* EG, long list statistics, M&W anc, mx, //10060; could only catch bits but several ment Viet. (Gundersen 8/23)
 9852.5 USA WYFR; 0530-0600* GM, energetic talks by M etc. (Jordan 9/2).
 9865 GREECE VOG; 2201 GK, ID, nx (Nathanson-ISRAEL 8/30).
 9870 KOREA REP RK; 1630 EG, "Inside North Korea"; g (McKellar-CA 8/7).
 9885 SWITZERLAND SRI; 0145-0215 EG, IS, ID, TC, the week's events in Switz., SW M-G-R (Dillon-DC 8/26); 0344 FR/IT, ID's (Park 8/9).
 9895 HOLLAND RN-Lopik; 1207-1220 DT, nx, ID, NA (Bolland 8/20).
 9925 BELGIUM BRT; 0030-0113 EG, IS, sked, Olympic report, mx, European softball, "P.O. Box 26", interview (Dillon 8/12); 0030 EG (Weinhold)
 9977 KOREA PDR R. Pyongyang; 1101-1710 EG to N.Am. (5 reporters).
 9988 PERU Estacion Dos Mil; 1233-1245 SP, mx & cmnts, ID, TC (Bolland).
 10040 CLAND LV del CID; 0115 SP, comedy pgm w/"Looney Tunes" intro. mx, jokes w/audience laughing (Daly-NI 8/13); 1204-1230 SP, station Camilo Cienfuegos, nx, ID, comedy pgm w/canned laughing (Dillon 9/1); 1703-1732 tropical tunes & LA pops like "Guantanamo"; into "mundo cultural" abt 1720, then M&W & Beatles number (Moritz 8/12).
 11330 CHINA CPBS-1; 1050-1110+ CH, M&W, oriental mx played on organ w/ aria by W vocalist, possible nx by same ancra (Jordan 9/1).
 11500 CHINA RP; 1947-1950 EG, Chinese lessons (Nathanson 8/29).
 11515 CHINA RP; 1950-1955 EG, Nepal's economy & trade (Nathanson 8/29).
 11587 ISRAEL Reshet Bet relay; 2012-2033 HB, letters pgm, ID, ad (Trotto)
 11600 CHINA RP; 0843 EG, Olympic nx, ID & report on ASEAN members (Park 8/10); 1430 EG, letterbox (Hazeltine 8/15).
 11615 GREECE VOG; 2015-2031 GK, ID, classical mx (Nathanson 8/29).
 11620 BELGIUM BRT; 0030-0113 EG, ID, books in translation (Dillon 8/14).
 11620 INDIA AIR; 2010-2132 EG to U.K.; cmntry on dev. countries, mx, fgy & sked info, subcontinental mx (Nathanson, Mack 8/12, Gilster 8/27).
 11635 SPAIN SFR; 1935 SP, live soccer reports and results (Rigas-IL 9/2).
 11660 AUSTRIA ORF; 1830-1845 EG, nx (Weinhold 8/25).
 11665 AUSTRIA ORF; 2223 GM, choir mx & ID (Johnson 8/20).
 11670 FR. GUIANA RFI; 1401 FR, ID, ment. LA svc.; strong sig suggests French Guiana relay (Rigas-IL 9/3); *2200-2230 PT, IS, s/on anmts in FR then LA nx (Jordan 8/25); 0157 FR/PT w/fgy anmt (Park 9/3).
 11675 KUWAIT RK; 1900-2102* EG to U.K., rock mx, nx (4 reporters).
 11679.5 CLAND LV del CID; 2105-2154* SP, weakest of the CID outlets, running R. Máximo Gomez pgm formerly carried by R. Clarín (Reinstein 9/3)
 *11685NF CLAND V. of the Libyan People; 2104+ strong signal despite heavy jamming; definitely the cland. & not Libya itself since //15039.9 also strong over the jammers (Reinstein-FL 9/3). 73 'til December!

Dave



LOG REPORT

section D

11700 and above

Editor: Wallace C. Treibel, 357 N.E. 149 St., Seattle, WA 98155

- 11700 DOMINICAN REPUBLIC R. Clarin in SP 0030, ID, into pgm "Mundo Cultural", brief features, g (Gilster 9/1)
- 11705 SWEDEN RSI in EG 0330, new svc to NA, mailbag (Zilmer 9/3)
- 11710 ARGENTINA RAE in EG 1135-1150, nx, ID, classical mx (Trotto 9/2)
- 11715 EGYPT R. Cairo in SP 0048-0106, AR mx, full ID "Aqui Cairo", freqs and skeds, f (Bolland 8/11)
- 11720 CANADA RCI in EG 1900-1915, CBC Northern Svc, ID, g (Trotto 8/12)
- 11720 USSR R. Kiev in EG 0210, nx & "Ukraine Today", p (Daly 8/7); hrd in UK 0230-0258*, ID, nx, talks, mx, cmntry (Jordan 8/4)
- 11720 USSR Radiostantsiya Rodina in RS 2230-2240, ID (Daly 8/24, Johnson)
- 11720 USSR R. Vilnius in EG 2200, s/on w/ID, nx, pgm about Lithuania, QRM fr CBC covered sig by 2220, s/off 2228 (Daly 8/24)
- 11720 BULGARIA in GM 0630 mixing with BBC in FR (Alpert 7/10)
- 11725 SOUTH KOREA RK in SP 0935, nx, cmtry on Olympic successes (Park 8/11)
- 11730 UNIDENTIFIED in AR 2250-2335 under R. Nederland. Islam singing to 2300, nx for 15 min, more mx. Checked other freqs of various Near Eastern countries but able to determine this is not Saudi Arabia, p sig; hrd again fr 1240-1253 in AR, p (Bolland 8/3 and 8/21)
- 11730 PORTUGAL R. Renascenca in PT 0024-0031*, nx, mx, f (Bobb 8/14)
- 11730 USSR RMWS(PE) in EG 1648, "Soviet Way of Life", Baltic mx (Park 8/9)
- 11730 UNITED ARAB EMIRATES Dubai in EG 0330, nx, mailbag, DX (Hunt 8/18)
- 11735 USSR RM(Nikolayev) in EG 0051, cmntry accusing US of planting mines in Red Sea, QRM but strong sig (Gilster 9/4)
- 11740 MADAGASCAR R. Nederland relay in EG 1432, nx, "Mainstream Asia", "Newline", QRM, p (Park 8/31)
- 11750 JAPAN AFRTS(FEN) in EG 0710, "American Top 40", QRM, p (Park 8/11)
- 11750 USSR RM(Plowdiv) in EG 0055, ID, into EZL mx, QRM, f (Gilster 9/4)
- 11750 BULGARIA R. Sofia in EG 2130-2200 (Weinhold 8/19) Pgm details?
- 11750 TURKEY VOT in EG 0300-0317, nx, g w/QRM fr RM (Yoder 8/10)
- 11755 FINLAND RF in FN & SW 0505, nx, IS 0526, mix w/R. Moscow (Vadino 8/9)
- 11755 SEYCHELLES FEBA in AR 0325-0330*, rel pgm, IS, //15200 (Buer 9/1)
- 11790 INDONESIA VOI widely rptd fr 1200-1545 in various langs, IN 1200, FR 1315, EG 1500, pop mx, Oriental mx, nx, ID (Atkins 8/21, Gundersen 8/22, Daly 9/1, McKellar 8/22)
- 11790 USA AFRTS(Bethany) in EG 0200-0230, baseball game, g (McKellar 8/3); also rptd on 11780 occasionally (Alpert 7/10)
- 11800 SRI LANKA SLBC in Urdu, NA, song, tlks by m, QRM, p (Park 8/9)
- 11805 BRAZIL R. Globo 2315-0200 in PT, mx, tlks, futbol scores, ID, nx, some commercials, //6035 but weaker (Prath 9/2, Daly 9/2)
- 11810 JAPAN RJ in EG 1503 w/pgm about anti-nuclear policy (Hazeltine 8/5)
- 11810 SEYCHELLES FEBA in EG 0400, IS, ID as "E. Afr Svc of FEBA Radio", relig pgm, ex 1800, p (Park 8/11)
- 11815 ISRAEL K. Israel in EG 2230-2300, nx, cmntry (Weinhold 8/28)
- 11815 WEST GERMANY R. Free Europe in RM 2040-2045, pgm skeds (Nathanson 8/29)
- 11825 CANADA RCI in EG 1920-1935, "Canada This Week", mx pgm, g (Trotto 8/11)
- 11815 GABON Voice of Gospel w/vern 1735-1755, native songs, tlk, s/off w/ID in EG at 1755, co-channel QRM RFE (Buer 8/23)
- 11825 TAHITI R. Tahiti in TT 0435-0515, ID, //15170, f (Trotto 8/20)
- 11835 URUGUAY R. El Espectador in SP 0020, ID 0030, ads, nx, f (Pate 8/28)
- 11835nf AUSTRIA ORF in SP 2045-2055*, tlks, mx, s/off in GM & EG (Jordan 8/25)
- 11840 POLAND R. Polonia in EG 1632, cmntry on terrorism in Grenada(Levison)
- 11840 USSR RMWS in EG 2315, "Newsreel of the Socialist World" (McKellar 8/17)
- 11845 VATICAN CITY VR in EG 0050-0102, IS, ID, relig tlk, QRM, p (Dillon)
- 11850 USA WRNO New Orleans in EG 2215-2230, rock mx, ads (Weinhold 8/28)
- 11860 USSR R. Minsk in Byelorussian *1700-1730*, ID 1727 "Radiostantsiya Minsk", IS 1728-1730, ID 1730 for R. Moscow National Svc, mention of USA and Pres Reagan (Gundersen 8/21, Jordan 8/7)
- 11880 NORTH KOREA R. Pyongyang in EG 1812, cmntry on US/Japanese/S. Korean alliance, QRM jammer 11885 & locally (Park 9/7)

- 11895 INDIA AIR Regional svc in EG/Vern 1232, nx incl Olympic notes; into lang 1235, QRM jammer 11885, p (Park 8/11)
- 11895 SEYCHELLES FEBA in EG 1501, world nx, "Christian Report" (Park 8/12)
- 11895 USA VOA Greenville in SP 0334, Olympic coverage - boxing (Park 8/6)
- 11900 SAIPAN KYOI in EG 1030, pop mx, ID 1045 (Gray 8/10) EG/JP 1445 and rock mx (Hazeltine 8/5) "Super Rock", f-g (Yoder 7/22)
- 11905 BRAZIL R. Universo in PT 0115, frequent ID's (Johnson 8/28)
- 11905 EGYPT R. Cairo in AR 0405-0427+, AR chants, instrumental mx, tlks, marching mx, flute & vocals, //9455 (Jordan 9/2)
- 11905 ITALY RAI in IT 0013, opera and rock mx (Levison 8/3)
- 11910 HUNGARY R. Budapest in HG 2049-2053*, frequent ann. & IS (Nathanson 8/29) 2230 in HG, s/on after IS, nx to S Am, //6025 (Prath 8/19)
- 11910 AUSTRALIA RA in EG *0600-0610, IS, ID, world nx, f, QRM (Trotto 8/15)
- 11915 USSR RMWS(FE) in JP 2155, Gershwin mx, IS, ID, nx, p (Park 9/2)
- 11925 BRAZIL R. Bandeirantes in PT 0008, taped chorus, ID 0018 (Johnson 9/1)
- 11940 ROMANIA R. Bucharest *1045-1115* in EG, IS, ID, nx, g (Trotto 8/8)
- 11955 SWEDEN RSI in EG 2102-2110, mostly SW nx, weather, ID (Nathanson 8/29)
- 11960 CANADA RCI in EG 2010, features, "Women & War", ID, IS (Witzig 8/20)
- 11965 TURKEY VOT in EG 2230, local mx, tourist info, f (Zilmer 8/24)
- 11980 USSR R. Moscow in SP 1820-1930, tlks, interviews, RS folk mx, SP and US jazz, many ID's, f-p (Jordan 8/12)
- 11984nf EL SALVADOR R. El Salvador in SP 1650-1700, SP mx, clear ID's, TC, for GMT -6, QSB & QRN (Buer 9/3)
- 11985 NORTH KOREA R. Pyongyang in EG 0601, NA, sked, long pgm review, nx, bio of Kim, QRM 11990, p (Park 8/11)
- 11990 KUWAIT R. Kuwait 1820-1905 in AR, lyrical chant, lecture-tlks, vocal w/oboe-type instrument, march mx, choral mx, nx (Jordan 8/18)
- 11995 FRENCH GUIANA RFI relay in SP 2310, nx, cmntry, ID, beamed to L Am, //11670, into FR svc at 2330 (Vadino 8/10)
- 12000 HUNGARY R. Budapest *2057-2101 in SP after IS, ID 2059, interference from R. Moscow on freq (Nathanson 8/29)
- 12035 SWITZERLAND SRI in EG 0141-0213, IS, freqs, ID, TC, "Dateline, nx, praise for the L.A. Olympics, accordion mx, vg (Dillon 8/14)
- 12060 USSR RMWS(FE) in EG 0130-0200, sidelights on Soviet life, wx, xmtr site is Krasnoyarsk per UHN (Dillon 8/22) 2203 in EG, nx, cmntry on atomic bombing of Japan, QRM by another USSR sta! (Park 8/7)
- 12085 SYRIA R. Damascus widely rptd from 1702-2245 in AR. Local style disco mx, f (Park 8/9) Speech and crowd noise, AR vocals (Jordan 8/11) AR mx & cmntry (Gray 8/26) AR mx, nx, s/off 2159 (Valko 8/9) pop mx, call to prayer, ID 2326, NA and s/off 2327 (Daly 8/11)
- 12200 CHINA R. Beijing in CH 1115-1130+, local mx, marches, tlks (Jordan 9/1)
- 13700 IRAQ "Voice of the Masses" dom svce from Baghdad in AR 1740-1820+, walls & chants, possible nx 1750, time pips, tlks, f-p (Jordan 8/25)
- 13797 ICELAND ISBS Reykjavik *1847-2316* in Icelandic. ID and QTH, poss nx, several refs to Russia, deep bell chimes (Jordan 8/7)nx, ID at 1915 (Nathanson 8/7) tlk by YL, exc sig (Daly 8/11) nx and interviews, AM/USB only (Gundersen 8/24)
- 15030 CHINA R. Beijing in CH 1153-1201, cmntry & mx, TC and ID (Bolland 8/11)
- 15050 VIETNAM VOV in RS 1144-56*, VT mx, f (Bolland 8/11)
- 15060 SAUDI ARABIA BSKSA in AR 1440, AR mx and tlk, g (Daly 9/8). Also in AR 1201-09 w/similar pgm, f (Bolland 8/11)
- 15070 UNITED KINGDOM BBC in EG 1820, tlk on water shortages in SW England and tall ships in Liverpool (Gray 8/4)
- 15105 MOROCCO R. Morocco in AR 2110-2130, OM vocalist w/plaintive lyrics & sonorous mid-East instrumentals, orch mx, //15335 (Jordan 8/25)
- 15115 VATICAN CITY RV in EG 1428-1431, freq ann, relig pgm (Nathanson 8/28)
- 15120 SRI LANKA Adventist World Radio in EG 1059, features, DX (Park 8/12)
- 15140 CHILE R. Nacional in SP 1907-1935, soccer match, f (Sharpe 8/26)
- 15150 USSR RMWS(Simferopol) in EG 1500-1532, world nx, ID, "Newsreel" (Dillon 8/30) Cmnty on nuclear missiles in Europe at 1800 (Gray 8/4)
- 15155 ECUADOR HCJB in EG 0100-0130, "Passport" pgm (Weinhold 8/29); Call-in pgm from US cities (Field 8/17) DX Party Line 0230 (Hawk 8/18)
- 15176 MEXICO LV de la America Latina in SP 1733-1753, EZL Lat Am mx, many ads, no ID heard, weak and fading (Valko 8/11)
- 15180 UNITED KINGDOM BBC in AR 1805-1815, nx, unknown jammer (Buer 9/3)
- 15185 USA WINB in EG 2340-2345, sermon, country mx, p (Hickellar 8/26)

- 15193 JAPAN RJ in EG 0200-0210, nx, ID, f (Plotnick 8/23)
- 15195 CHINA R. Beijing in EG 0907, medical tlks, ID, interlude, "Listeners Letterbox", under R. Japan, p (Park 8/7)
- 15200 SEYCHELLES FEBA in EG 0402-0427, radio play, nx, IS (Yoder, q 8/11) Paszkiewicz, p 8/12)
- 15205 NORWAY RN in EG 1701, tlk on oil exports, Olympics (Levison 8/12)
- 15230 INDIA AIR in EG 1039, "Faithfully Yours", ID, concertina rockabilly! mx, QRM and RTTY 15231, f-p (Park 8/6)
- 15240 AUSTRALIA RA "Australia Calling Antarctica" in EG *0400-0430*, five electronic time pips, harp & orch fanfare, ID, mx (Jordan 8/10)
- 15250 ECUADOR HCJB in EG 0057, "Thru the Bible", ID, TS, "Back to the Bible", QRM RMWS 15245, f (Park 9/6)
- 15260 JAPAN AFRTS(FEN) in EG 2123, "American Top 40", p (Park 8/11)
- 15260 GREECE VOA relay in EG 1500, nx pgm to Middle East (Daly 8/24)
- 15265 FINLAND RF in FN 1805, tlk, ID, IS (Plotnick 9/2)
- 15270 RWANDA DW relay Kigali in GM 0000, s/on foll by nx (Daly 9/1)
- 15300 UNITED ARAB EMIRATES UAE Dubai in EG 1600-1656, nx, sports, wx, mx, tlks, DX rpts (Dillon 8/18, Mack 8/19, Zilmer 8/21, Feeley 8/27, Levison 8/14, Jordan 8/17).
- 15300 CUBA RHC in EG 0300-0330, sports, mx, features, g (Mack 8/12) 8/7
- 15305 MONGOLIA Ulan Bator in EG 1500, nx, rpt on econ progress (Hazeltine)
- 15305 PHILIPPINES AFRTS relay in EG 2012, baseball game, QRM, p (Park 8/5)
- 15310 OMAN BBC relay in EG 1258-1311, ID, nx, f-p (Gundersen 8/22)
- 15320 AUSTRIA ORF in EG 1215-1300, IS, ID, nx, cmntry, rare records (Levison 8/12, Trotto 8/25)
- 15320 USSR RMWS in EG 0700, nx, //15125, 15375 also heard, f (Alpert 7/3)
- 15333 COLOMBIA R. Nacional in SP 1454-1500, classical mx, tlk, ID at 1500 "Radiodifusora Nacional de Colombia", QRM, p (Valko 8/9)
- 15345 TAIWAN VOFC in EG 2230-2235, "Let's Learn Chinese" (McKellar 8/8)
- 15345 KUWAIT R. Kuwait in EG 0725-0735, ID 0730, pop mx, g (Nathanson 8/25)
- 15355 NETHERLAND ANTILLES TWR in SP 0114, ID, relig pgm (Park 9/3)
- 15395 AUSTRALIA RA in EG 0405-0420, nx, ID, feature on Olympics (Dillon 8/18, 2335 in EG, mx by Malissa Manchester, ID (Gray 8/19) 2055 in EG, IS, ID, nx, promo, features, QRM frm 154000 & co-channel (Park 9/2)
- 15400 ASCENSION ISLANDS BBC relay in EG 1620, nx of Zambians working in Zaire, ID at 1625 (Gray 8/27)
- 15405 USSR R. Viinius in EG 2215-2228*, "The Week in Retrospect", f (McKellar 8/21) Letterbox, features, prog skeds (Gundersen 8/22)
- 15420 CYPRUS BBC relay in EG 2345, radio play (Gray 8/12)
- 15425 AUSTRALIA ABC(Perth) in EG 2340, "Australian News" (Green 9/4)
- 15435 ASCENSION ISLAND? BBC relay in EG 2304, nx, cmntry abt Argentina, QRM, p (Park 9/2) ED: WRTH lists Singapore relay this time slot.
- 15445 USSR R. Atlantica in RS 1530, mx, interviews (Levison 8/4)
- 15447 LIBYA R. Jamahiriya in EG 1815 boasting abt Libyan housing & society, ID, IS, considerable QRM (Plotnick 9/2)
- 15450 LIBYA R. Jamahiriya in EG 2245 tlk abt aggressive policies of Pres. Reagan, western pop mx (Gray 8/26) 2216 in EG, mailbag (Paszkiewicz)
- 15450 EAST GERMANY RBI in EG 1415, s/on of svce to SE Asia, QRM Libya, //17880 (Daly 9/8)
- 15475 USSR RMWS(Simferopol) in EG 1500-1735, world nx, Soviet correspondents reports, Soviet disco, bells 1700, ID (Dillon 8/18, Sharpe 8/31)
- 15506t PAKISTAN RP nearly unintelligible 1704-1716, weak mod (Gundersen 8/21)
- 15520 USSR RM African Service in EG 2000, //15510, f (Alpert 6/30)
- 15520 CHINA R. Beijing rptd widely in EG 0000-0150, features, world nx, ID, CH mx, poor mod (Alpert 7/10, Levison 8/6, Summers 8/8, Dillon 8/16, Gray 8/19, Mack 8/23, Plotnick 9/3)
- 15525 TAIWAN WYFR via VOFC 1317 in EG, M with Bible reading (Park 9/4)
- 15555 CLANDESTINE R. Salvation of Iran (anti-government) in presumed Farsi *1630-1820, garbled ID, tlks abt Iran & Khomeini, AR & martial mx, speech, rapid-fire bulletin voice-overs (Jordan 8/11-12)
- 15570 SWITZERLAND (presumed) in IT 1505-1515*, mostly tlk, jazz mx, could not translate ID at s/off but SRI skeds coincide (Gundersen 8/21)
- 15575 SOUTH KOREA KBS rptd widely in EG 1403, 2200-2224, 0145-0241 w/nx, mx, cmntry, features, 1988 Seoul Olympic contest (Levison 8/7, Hawk 8/7, Gray 8/31, Hunt 8/22, Bonnet 9/1, Plotnick 8/23, Yoder 7/22)
- 15600 LIBERIA VOA relay in EG, "Nightline Africa", Olympic cvge (Gray 8/27)
- 15635 GREECE VOFC in EG 1925, nx, UN conf in Mexico, GK mx (Blanchette 8/14)

- 17595 MOROCCO RTM in AR 1536-1602, AR mx, many mentions of Rabat, pop mx, nx 1602, f (Gundersen 8/21)
- 17605 NETHERLANDS RN in DT 1144-1154, ID 1145, tlks (Nathanson 8/28)
- 17620 FRANCE RFI in FR 1232, rock mx (Levison 8/11) mx, nx, group singers, xmsn in EG 1610-1655*, t1k abt Allied landings in Normandy 40 years ago, pgm on World population conf in Mexico City, nx (Bonnet 8/14)
- 17700 USSR RMWS(FE) in EG 2127, "Soviet Way of Life", nx (Park 8/9)
- 17705 CUBA RHC in SP 1345-1355, Cuban mx, t1k, mx, //17750 (Trotto 8/11)
- 17705 NEW ZEALAND RNZ in EG 0202, nx, TC, light mx, ex-17710 (Park 9/6)
- 17710 SINGAPORE BBC relay in EG 0000, ID at 2359 (Green 9/3)
- 17713 COLOMBIA R. Emissoria Nacional de Colombia in SP 2320-2330, t1k, mx, ID at 2328, nx, g (Trotto 8/19)
- 17715 ANTIGUA DW relay 1355* in GM, tlks, ID in EG, g (Trotto 8/12)
- 17715 ITALY RAI in IT *1400-1410, IS, ID, nx, QRM (Trotto 8/12)
- 17725 AUSTRALIA RA in EG 2345, 2 IS's bird call, ID, live coverage of Olympic marathon, //21680, QRM (Park 8/12)
- 17745 ALGERIA R. Algiers in EG 2000-2013, time pips, ID, nx, rock mx, pop records (Gray 8/7, Daly 8/11, Alpert 6/30) 2146-2202 in lang, Michael Jackson rock mx, TC, f (Mack 8/26)
- 17750 AUSTRALIA RA in EG 0130, nx, f (Zilmer 9/3)
- 17750 GUAM KTRW in EG *0000, IS, sta promo, "Thru the Bible", p (Park 9/6)
- 17755 JAPAN R. Japan JP 2215, "Olympic Highlights" (Park 8/7) 2300-2315 in EG, nx, instrumental mx, current affairs, g (McKellar 8/15)
- 17765 USA AFRTS Delano relay in EG 2133, "NPR Journal", Olympic features, QRM jammer 17770, irreg fading on Oahu (Park 8/8)
- 17765 SWITZERLAND SRI in EG 1300, tlks on local housing and energy, discussed flying old airplanes, g (Hunt 8/19)
- 17770 CHINA R. Beijing in SP 2315, t1k abt Reagan, QRM 17765 AFRTS (Park 8/12)
- 17780 USA VOA Delano in KR 2130, ID in EG, nx in KR, Olympic rpt (Park 8/12)
- 17780 WEST GERMANY DW in EG 0930-0945, ID, nx, ID again, g (Nathanson 8/28)
- 17785 JAPAN R. Japan in EG 0903-0930, ID 0905, nx, bad intf BBC (Nathanson)
- 17790 ECUADOR HCJB in EG 1902, nx, "Passport World Phone-in" (Park 8/17)
- 17795 AUSTRALIA RA in EG 0325, mx, ID at 0300, weak sig (Gray 8/4) 2230 in EG, live coverage of Olympic hockey (Park 8/9)
- 17825 JAPAN R. Japan in EG 0005, ID at 0005, details of nuclear reactor in Japan, weak sig (Gray 8/13) 0012 in EG, cmntry, QRM (Park 9/5)
- 17830 SWITZERLAND SRI in IT 1655-1701, ID 1700, freq ann, g (Nathanson 8/7)
- 17835 USSR RMWS(FE) in EG 0430, nx brief, t1k on universal declaration of human rights, QRM carrier 17836 & locally (Park 8/10)
- 17850 USSR RMWS(FE) in EG 2055, mx pgm, frequent ann & bells, nx, QRM from USSR 17860 & locally, p (Park 8/11)
- 17860 USSR R. Kiev in EG 2330, nx, cmntry on US-USSR negotiations, "Ukraine Today", QRM co-channel & 17865 (Park 9/3)
- 17860 USSR R. Yerevan in AM/EG *0230-0257*, mx, chimes IS, anthem, ID, nx, folk selections, EG at 0252, f-p (Jordan 8/8)
- 17860nf SWEDEN RSI in EG 1400-1424, IS, nx, mailbag, replaces 15190, "Week-day Monday", "Stamp Corner" (McLemore 9/3, Zilmer 9/3)
- 17875 CANADA RCI in FR 2100-2110, nx, e (McKellar 8/5)
- 17885 CUBA RHC in EG 2130-2138*, Marxist review, s/off w/NA (McKellar 8/16)
- 17910 QATAR QBC in AR 1650, AR mx, short cmntry, TC (Gray 8/12)
- 17930 LIBYA SPLAJBC in AR 2040-2050, speech, mx, g (Plotnick 8/21)
- 21480 MADAGASCAR R. Netherland relay w/pgm in IN at 1205, "NX Country" show w/Mason Berry, Janice Carr, Tom T. Hall (Park 9/4)
- 21485 MADAGASCAR R. Netherland relay in EG 0700, nx, "Sunday West" (Park 8/12)
- 21525 AUSTRALIA RA in EG 0535, "Talkback", Olympic rpt (Park 8/12)
- 21610 PAKISTAN RP in Urdu 0805-0830, nx, oriental mx, ID, f (Nathanson 8/28)
- 21660 ASCENSION ISLAND BBC relay in EG 1430-1445 in EG, ID, "Modern Masterpiece", exc (Trotto 8/12)
- 21680 AUSTRALIA RA in EG 0137, live coverage of Olympics marathon (Park 8/13)
- 21720 AUSTRALIA RA in EG 0205-0235+, nx, Olympic update, mx (Jordan 8/8)
- 25620 USSR RM in RS 0726-0801, mx, ID 0800, nx, f (Nathanson 8/25)

LOG FRENEX REPORTERS

John M. Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA 01545

Brian ALEXANDER, Mechanicsburg, PA; David ALPERT, New York, NY (R71, SPR4); Kevin ATKINS, Pinson, AL (R390A, SX190); Marion BLANCHETTE, Thonotosassa, FL (R600, DX100); Norman BOBB, Minneapolis, MN (R600); Charles BOLLARD, Lake Worth, FL (P70, FRG 7000); Arthur BONNET, W. Lafayette, IN (DX400); Paul BUER, Miami, FL (SPR4); Thomas DALY, Pomona, NY (FRG 7700); Richard D'ANGELO, Wyomissing, PA (R70); Ronald DAVID, Jamaica, NY (DX160); Peter DILLON, Washington, DC (Zenith 300, DX400); Jim FEELEY, NORCROSS, GA (R2000); Marlin FIELD, Hillsdale, MI (SX100 SPR4); Paul GILSTER, Raleigh, NC (R70); Jerry GREEN, Maryville, TN (FRG 7700); Bob GUNDERSEN, Northfield, MN (R1000); Michael HAWK, Hampton, VA (XCR30); Tom HAZELTINE, Seattle, WA (FRG7, ICF5900); Billy HUNT, Durham, NC (NRD 515); Hans JOHNSON, Austin, TX (R71A); Brian JONES, Houston, TX (R70); Rufus JORDAN, Pittsburgh, PA (DX302); Harold LEVINSON, Philadelphia, PA (R70); John MCKELLAR, Mountain View, CA (DX160); Travis MCLEMORE, Clearwater, FL (FRG ?); Gene MACK, Jacksonville, FL (R71A); John J. MORITZ, Jr., Youngstown, OH; Frank NATHANSON, ISRAEL (R70); Nick PAPPAS, Orlando, FL (SPR 4); Dale PARK, Honolulu, HI (ICF 6700W); Sheryl PASZKIEWICZ, Manitowoc, WI (DX302 DX400); J. Gary PATE, Baltimore, MD (R1000); Al PLOTNICK, Hamden, CT (R71A); John PRATH, Ft. Lauderdale, FL (R71A, FRG7); Steve REINSTEIN, Mirimar, FL (R70); Christos RIGAS, Chicago, IL (R2000); Shawn SABO, Lawrenceville, FL; Bryan SHARPE, Castro Valley, CA (DX302); Steve SUMMERS, Mechanicsburg, PA; Ron TROTTO; St. Cloud, FL (CR2021); George VADINO; Bellevue, WA (FR 4800); Dave VALKO, Dunlo, PA (R388 FRG7); Terry WEINHOLD, East Earl, PA (R70); Eric WITZIG, Annandale, VA (R1000); Andrew YODER, Springs, PA (FRG ?); Robert ZILMER, Rio Rancho, NM (R1000, ICF5900W)..

Nice turnout this time, signifying the beginning of another DX season. Interesting to note that there is only 1 contributor from the New England Area, which is a hot bed of DX activity. This months several contributions arrived well after the 12th deadline and will be held over until next month.

**** AWARDS NEWS ****


We've had some pretty good response to our offer last month regarding the NASWA Awards and Countries booklet. Still have some left, 37¢ in U.S. postage, or whatever is comparable overseas.

Also, due to some demand, we have come up with lists indicating the countries which are eligible for the BRITISH COMMONWEALTH and ARAB WORLD Awards. Free on request for an SASE in the U.S., the usual appropriate postage elsewhere.

Now, with great pleasure, we announce 4 NEW AWARDS, the first in several years. Usual costs and rules apply:

- | | |
|----------------------|--|
| SENIOR CHINA DXER | For verification of at least one station in 5 different Provinces and autonomous regions of the People's Republic of China and Taiwan |
| MASTER CHINA DXER | same as above, except 9 different stations |
| MASTER PACIFICA DXER | Verification of one station in at least 17 different Oceania broadcast Countries. |
| ALL GERMANY DXER | Verification of at least 10 different shortwave broadcast stations from the Federal Republic of Germany and the German Democratic Republic |

These Awards are available for immediate distribution.

BEST, 



ENGLISH SERVICE
The Voice of the Andes
Casilla 691, Quito, Ecuador

**PRESS RELEASE
FOR IMMEDIATE USE**

Quito, Ecuador-- International shortwave station HCJB, The Voice of the Andes, broadcast 4 live telephone call-in programs on August 17th and 18th. The programs were carried to all HCJB target areas during the time periods normally reserved for the PASSPORT magazine program.

The show received a total of 39 calls from 10 countries. Listeners were able to ask questions of Ken MacHarg, who hosted the program, or of DX Party Line host John Beck, news director Brian Seeley, or English Service director Glen Volkhardt. Most of the callers were regular HCJB listeners although a few people phoned who had never heard of The Voice of the Andes, having been intrigued with the idea of an international call-in show.

The program came off with a minimum of technical difficulties, according to English Service director, Glen Volkhardt. He said for a first attempt, the staff was very pleased with the outcome of the program. "We've always encouraged listeners to write to us and said that we are interested in what they have to say. This was a tangible way of proving that we mean it," Mr. Volkhardt said.

The English Service plans to do another call-in show in October, this time hosted by the Musical Mailbag team. Because the number of calls from North America more than equaled calls from both other target areas, the program will be aired once to North America and simulcast to Europe and the South Pacific. Broadcast times for the Musical Mailbag call-in are:

North America Friday, October 19th 2:30 UTC 15,155 9,745kHz
 Thursday evening the 18th for most listeners.

Europe Saturday, October 20th 7:00 UTC 11,835 9,635kHz

South Pacific Saturday, October 20th 7:00 UTC 11,925 9,745 6,130kHz

Both broadcasts will be an hour in length. To call the program, first dial your international access code, then 593 for Ecuador, 2 for Quito, and 241-560 for HCJB. To cut down on the cost of the calls, the producer will not answer the phone until just before it is to be put on the air, so let the phone ring.

Plans are also underway for a DX Partyline call-in program in November and a Christmas call-in for December.

For further information contact: Glen Volkhardt in Quito at 241-550 or use cable address VOZANDES, Quito.

DX NEWSLINE

301 953 0777

The DX Newsline is based in a 24 hour automated voice storage and retrieval system in Washington, D.C., which allows serious DX'ers to exchange up-to-the-minute information and DX news.

The Newsline offers two levels of service. Anyone may call the Newsline (301-953-0777) and hear the "public" announcement and/or leave a 30 second contribution. The public announcement is updated daily and contains a summary of the latest DX log reports.

The second level of service provides a new and unique service to the DX'er; be they SWL, Utility, LW, MW, FM, or T.V. oriented. Use of a special access code provides access to the command mode. In the command mode a subscriber can access up to 30 of the latest DX tips (including any placed on the system up to the minute you call). Skip or repeat functions are also provided. This service allows people to hear DX tips within minutes without waiting for the "public" announcement to be updated. Callers can play unidentified transmissions down the line and have others I.D. them. Band openings can be known within minutes of the occurrence. Technical questions may be asked and replies received within hours. Hear news of frequency/schedule changes. Announce for sale items or items wanted. The system is great for catching pirates within minutes of sign on.

As you can see, the system is very versatile. The only equipment needed is a touch tone telephone (or tone converter). Many of the present subscribers have commented about how the DX Newsline has reduced the isolation felt by many DX'ers. The Newsline is a great supplement to club magazines and radio DX programs. Visually impaired DX'ers can make great use of this service. All DX'ers can participate in a closer and quicker form of communication with fellow hobbyists.

A small subscription fee of \$10.00 per year is charged for access to level two of the DX Newsline (level one is free). Reduced rates are available to those living in certain strategic DX locations. Subscription rates may be eliminated in return for donated labor. The Newsline is not for profit.

If you would like to become a full subscriber, please forward \$10.00 and a telephone number so I can provide you with the access codes and service operating instructions. Send to: DX Newsline c/o Andrew O'Brien, 4507 Cub Run Road, Chantilly, VA 22021-1422.

If you choose not to be a subscriber, remember you can call the Newsline anytime and hear what some of the most active North American DX'ers are reporting or report your latest DX loggings.

HAP BID ITEMS: ITEM #1: WLLZ "Robert Plant" metal badge(1"cir)blue,white.#2:WLLZ "AC/DC" metal badge(1"cir)B&W.#3:WLLZ "Romantics" metal badge(1"cir)red,white.#4:WLLZ "Genesis" metal badge(1"cir)white,yellow.#5:KVAN metal badge(1"cir)red,black.#6:KRYT metal badge(2"cir)red,white,blue.#7:Radio Lancashire(UK)key chain,red,B&W.#8:KRLA plastic key chain,blue,yellow.#9:Mercia Sound(UK)key chain,red,white.#10:BBC Radio One match book,red,blue,white.#11:Viking Radio(UK)newspaper,m/c-very interesting.#12:CKUA large plastic litter bag,m/c.#13:KBO1 "Blue Thunder" sticker(3x11.5")red,white,blue.#14:KBO1 "Bronco Mania" sticker(3x11.5")red,white,blue.#15:WLUM cloth parrot hat-extremely colorful!Best I've seen in a while.#16:Radio Nederland old style cloth pennant(7x11")red,white,blue.#17:Radio Vall-eri International (Ireland)paper pennant "Euro Pirate", (6x8.5")m/c-very rare!#18:WVVI (Virgin Islands)sticker(3x5")blue,white.#19:Radio Forth(Scotland)coaster(3.5x3.5")B&W,orange.#20:KXYZ sticker in Spanish(3x11")red,yellow,black.#21:WZZO metal license plate(6x12")m/c-nice!#22:HCJB 1966 QSL card(3.5x5.5")m/c-rare!#23:Radio Bristol(UK)sticker(5"cir)red,white.#24:Radio Sweden cloth pennant(4x9.5")blue background.#25:Radio Sweden cloth pennant(4x9.5")yellow background - rare!#26:Radio Prague (Czechoslovakia)old style cloth pennant(7.5x13")m/c-beautiful!#27:Radio Xanadu(Euro Pirate)paper banner(4x11")pink,black.#28:MTV sticker(4x4")red,yellow,blue.#29:Radio Evangile(Monaco)decal(2.5x3")red,white.#30:WYFR sticker(4x6")yellow,B&W.#31:Deutsche Welle cloth pennant w/ address, (6x13.5")blue,white.#32:FEBC(Philippines)paper pennant(4x9.5")m/c.#33:Radio Northland (New Zealand)sticker(4.5x6")m/c.#34:Radio Veronica(Euro Pirate)cassette tape in Dutch.#35:RBI(DDR)cloth pennant w/ bear(6x9.5")m/c.#36:WUVA sticker(3x11.5")red,B&W.#37:Radio Nacional(Costa Rica)decal(1.5x8")m/c-rare!#38:KPFT newspaper program guide-nice!#39:KZRO sticker(3x12")m/c.#40:KYOK sticker(3x7.5")m/c.#41:KPDX-TV 49 sticker(3x9")m/c.#42:MUNO (Puerto Rico)sticker in Spanish(3x11")B&W.#43:KTRU sticker(4x9")yellow,black.#44:KUHF sticker(4x7.5")red,white.#45:RBI(DDR)cloth "DX Club" pennant w/ bear(6x9.5")m/c.#46:RBI cloth pennant(5x8")m/c-nice!#47:Radio Luxembourg odd-shaped sticker,red,white.#48:ORF (Austria)sticker in French(5"cir)red,B&W.#49:South Coast Radio(Ireland)decal(4x4")red,B&W.#50:Mercia Sound decal(3x15")m/c.#51:Radio Peking "Mountain Village"paper pennant (5.5x10.5")m/c.#52:KAIM(Hawaii)sticker(3.5x7")blue,white.#53:Radio Veritas(Philippines) paper pennant(3x5.5")red,black,blue.#54:WCAD(Puerto Rico)sticker(3x6.5")B&W.#55:Radio Paradise(St. Kitts)sticker(3.5x13")m/c-beautiful!#56:CFRC sticker(4x4")m/c.#57:Radio Italia sticker(4"cir)m/c-nice!#58:Radio Habana Cuba paper flag-style pennant(4x6")m/c.#59:WGSX(Puerto Rico)sticker in Spanish(3x6")m/c.#60:ADXX(FRG)sticker in German(4"cir) gold,blue.#61:KROY T-Shirt(S)34-36,m/c.#62:Mercia Sound T-Shirt(S)red,white.#63:Radio City-194(UK)decal(4x6")red,B&W.#64:Viking Radio(UK)decal(2.5x19")m/c.#65:Radio Budapest cloth pennant(4x6")m/c.#66:WMRY key chain,blue,silver.#67:Radio Hallam(UK)sticker(1x12")m/c.#68:RBI(Belgium)plastic paper holder(2.5x6")B&W.#69:RBI plastic paper holder(2.5x6") blue,white.#70:98-Rock large wall poster,m/c-very beautiful!#71:Viking Radio paper hat, red,white,blue.#72:MTV metal badge(1"cir)m/c.#73:Radio Sweden International paper pennant(4x9")blue,yellow.#74:BBC Radio Highlands(Scotland)decal(2x10")m/c.#75:BBC Radio Two (UK)decal(2x11")m/c.#76:RBI(DDR)station pin,blue,silver.#77:Radio Polonia station pin, red,white,silver.#78:HTV(UK) key chain,blue,white.#79:Radio Bucharest (Romania)key chain, m/c.#80:Radio Bucharest station pin(1"cir)m/c.#81:MHGR metal badge(1"cir)green,white.#82:NNRC sticker,m/c-rare!#83:Radio Nacional de Espana large soccer poster-very colorful.#84:BBC(UK) "50th Anniversary" metal badge(2"cir)red,white,blue.#85:ANARC metal badge (1.5"cir)B&W.#86:ANARC station pen,B&W.#87:BBC(UK)3 different station staff posters.#88: Radio Earth International station pen,red,gold.#89:Radio Earth International sticker (3x12")B&W....Hope this selection meets with your approval....Sam.

HAP DIRECT SALE ITEMS: The following stickers and decals are \$2.5 each or any five(5) for \$1.00.....KGFV,KRNY,KPFT,KNPA(large)(small),Berlin Radio,WHFI,CFNC,WAAX,KSJB,Canale Radio 5,ARD-ZDF Radio,Radio Milano,WQMR,WLUP,WQFM,KROY,WECB,WBLS,KLOS(too HTP)(Party Animals)(Yes)(Yes-3),Mercia Sound,WNVR,WBWA,WNBC,KITTS,KAJK,RCI,KDKD,KBOI,WIBA,WJNC,ANARC (large)(small),WPRE,WQYK,WAYL,WRCB,WAZU,WCFB,Cub Radio,KHAR,WRNO,WMET,WF1W,WGLB(silver)(gold),WGST,CKNW,WBCS,96-Rock,TV-20,WHGR,WYXX,WAQY,WLFX,WTPJ,WRSV,WCAU,WEMP,WOOS(large)(small),KRLA,KBDF,WAYL,CFRA,CKCK,Radio Peking(green)(blue)(white)(black)(m/c),Signal Radio,CHOO,Telecom-Geneve,WFMK,MISS,WKKB,Radio Superstar,Radio Nederland,Metro Radio, Polskie Radio(m/c)(gray),RBI(gold)(silver),Radio Caroline(Black)(white),RFI(blue)(red)(cir)(large),RBI DX Club,Deutsche Welle(blue)(green)(white),BRT(cir)(silver),Radio London,2CH,RTE-2,Radio Bucharest,Radio Vatican(pope)(cir)(semi-cir)(square),WDR,RNE,FM-105, KILT,KNUZ,KOUE,KRBE,KGOL,KLVL,KIXK,102-FM and KEYH.

ADDITIONAL DIRECT SALE ITEMS: The following items are available at the quoted prices: Stickers from Radio El Mundo, Radio Vatican pennant, Voice of Free China pennant, AMK, World Communications Year, Telecom-Geneve and City TV Koblenz are \$.50 each: The following items are \$.25 each: RCI QSL cards from (Council)(IBY)(McCluhan)(Cartier), Radio Peking bookmarks and Radio Berlin International bookmarks.

SPECIAL OFFER: We also have a few ANARCON-84 large posters available for \$1.00 each. They are very good looking and suitable for your wall.

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

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Sample copies of FRENEX and UPDATE are available for \$1.00 in N.A.	
Overseas.....	\$2.00

EXECUTIVE DIRECTOR & PUBLISHER - Bill Oliver, 45 Wildflower Road, Levittown, PA 19057

SHORTWAVE CENTER - John C. Herkimer, 3233 East Ave., Caledonia, NY 14423
LISTENERS' NOTEBOOK - Glenn Hauser, Box 6287, Knoxville, TN 37914-0287
OSL REPORT - Sam Barto, 47 Prospect Place, Bristol, CT 06010
UPDATE EDITOR - Tom Allemen 636 E. 74th Terrace, Kansas City, MO. 64131
DISTRIBUTING EDITOR - John M. Kapinos, 86 South Quinsigamond Avenue, Shrewsbury, MA 01545
LOG REPORT (A) - Mike Nikolich, 2137 W. Farwell Ave., Chicago, IL 60645
LOG REPORT (B) - Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173
LOG REPORT (C) - David L. Walcutt, 211 West 56th, Apt. 36-F, New York, NY 10019
LOG REPORT (D) - Wallace C. Treibel, 357 N.E. 149 St., Seattle, WA 98155
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