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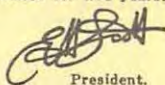
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HERE'S MY IRON-CLAD WARRANTY

If, after 30 days trial in your home, you are not convinced that the SCOTT ALL-WAVE Deluxe has finer tone, greater sensitivity and selectivity, and brings in more foreign stations, more stations on the broadcast band and more stations on the short wave bands than any other receiver that may be compared with it, you can return it to us and have every cent you paid for it promptly refunded. In addition to this, every part (except tubes) is guaranteed for five years.



President.

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Send me at once, without obligation, all particulars regarding the SCOTT ALL-WAVE Deluxe, and PROOFS of its ability.

Name
Address
Town State

From RADEX magazine, January 1934

APRIL 1983

NOTICE

According to information received from the Voice of America, there are 6 positions open for English Interns. The incumbent serves as a trainee performing duties as news writer, feature and documentary writer, and correspondent and announcer. Requirements are 3 years of general experience and 1 year of specialized experience. For further information, write to the VOA about Notice B/P 83-35 or call Caroline Gainan at (202) 755-4700.

Planned Commercial Shortwave Radio Station is looking for sales staff worldwide. Initial compensation on commission-only basis. Knowledge of shortwave radio is necessary. Send resumes and requests for further details to Radio Earth International, Inc., 1724 Sherman Avenue, Evanston, IL 60201 USA or phone (312) 492-9300.

SW EQUIPMENT REPAIRS AND MODIFICATIONS: Send an SASE and description of your problem or the desired modification with the make and model of the equipment for instructions and further information to Ronald Kumetz, Jr., c/o Systems Technology, P.O. Box 24, Elmwood Park, NJ 07407 or call (201) 791-3665 after 0100 GMT.

NRC NEW PRODUCT RELEASE: The National Radio Club announces the new Domestic Log Supplement of U.S. and Canadian AM stations including Canadian Low Power Relay Transmitters. The information is listed alphabetically by state and city and the size is 8½ x 11 inches. Price is US\$4.00 plus US\$1.00 for postage and handling. Order from NRC Publication Center, P.O. Box 164, Dept. 83, Mannsville, NY 13661.

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE OR TRADE: KRS Active Antenna, \$45.00. Zenith Transoceanic R7000 11 band receiver, \$150.00. Will trade either or both together. I would like a good preamp/preselector and audio filter plus difference in cash. Fritz Mellberg, 1505 Central, Hawarden, IA 51023. Phone (712) 552-2458 from 2330 to 0130.

FOR SALE: Mint Yaesu FRG-7 purchased in summer of 1982. Unit was unpacked, then quickly repacked because of house move and has never been reopened. 110/220 volt model. 12 vold DC also. Price \$220.00. Larry Albert, P.O. Box 83, Chestnut Hill, MA 02167.

FOR SALE: Collins R-390A in excellent condition with complete set of USA/USAF manuals. Price \$250.00 if shipping not needed. For details, write Andy Robins, 2850 Cleveland, Apt. 318, St. Joseph, MI 49085.

FOR SALE: DX-160 and DX-302 in good working condition. I will accept any reasonable offer for these receivers. Gabriel Grijalva, 723 South First Avenue, Phoenix, AZ 85003. Phone (602) 253-7505.

FOR SALE: National NC-109 general coverage receiver. Covers .54 to 40 MHz and has 11 tubes, bandspread and crystal filter. Retubed and realigned. Price \$95.00, you pay shipping. Charles Klawitter, 4627 North Bartlett, Milwaukee, WI 53211.

NO COLLECT CALLS ON THESE ADS, PLEASE

WANTED: Realistic DX-302 or Panasonic RF-3100 with manual and in good condition. Bruce E. Lindsay, 25 Rochester Avenue, Rochester, NH 03867. Phone (603) 332-7306.

FOR SALE: Microlog AVR-2 Morse/RTTY decoder as advertised in WRTH 1982 for readout on TV monitor of wire service, CW, RTTY, etc. New sale price for AVR-2 is \$599.00. Must sacrifice this fine piece of equipment for mere \$395.00. This includes RF modulator already installed for use of regular TV set instead of video monitor. Manual included. Great addition to the DX shack and competitive with other major units on the market. Shipping costs negotiable. Dan Robinson, 3814 Livingston Street N.W., Washington, DC 20015. Phone (202) 686-1119 between 0300 - 0500 GMT or call work at (202) 755-4444 Sundays to Thursdays.

WANTED: Drake MS-4 speaker. Please contact Bill Oliver, 45 Wildflower Road, Levittown, PA 19057 or call (215) 945-0543 from 2300 to 0300 GMT.

FOR SALE: Johnson Viking Matchbox (collector's item), \$70.00. Sony ICF 2001, \$160.00. Navy FRR 50: Silvermaster receivers and field case, 450.00. Dale E. Long, 266A Long Lane, Lititz, PA 17543. Phone (717) 626-8794.

FOR SALE: Sony ICF-6800W ("Orange") shortwave receiver, 3 months old, in mint condition, with box. Price \$535.00 including shipping. Barry Brenesal, 1005 SW 60th Terrace, #A, Gainesville, FL 32607. Phone (904) 373-7474 from 2300 to 0400 UTC, or weekends anytime.

FOR SALE: MFJ 1020 Active Antenna. Used only two hours and in mint condition. Price \$55.00 including shipping. Cashiers check or Money Order only, please. Kris Torrey, 1339 Holly Avenue, Colton, CA 92324. Phone (714) 824-6539 from 0000 to 0500 GMT only.

FOR SALE: Kenwood R-1000 with DC adaptor, \$350.95. WRTH '81, \$16.95. Shortwave Listening Guide, \$3.00. Information on a new beam antenna, send an SASE. Danny Dankert, 13672 Fairmont Way, Tustin, CA 92680.

WANTED: Back issues of FRENEX, 1976 to 1978. I also need March '81, March, Sept. and Dec. '80 and Jan., Feb. and July '79. I also need one copy of "Shortwave Voices of the World" by Dr. R.E. Wood. Please state condition and price. Nazim Aboobucker, 2130 Park Avenue, San Jose, CA 95126 (Apt. #20).

NASWA TROPICAL BAND GUIDE. New 1983 Edition. Covers 2000 -5900 kHz NA Log Reports from 2/76 to 1/83. Hundreds of changes! All possibilities by exact frequency with variations. NA Reception Rarity Guide, country, city, station check boxes for heard/QL'd/taped, fade in/fade out or on/off times with variations, languages, miscellaneous notes, introduction with abbreviations, etc. Price \$3.00 ppd in USA/Canada/Mexico, \$4.00 elsewhere by airmail. George Sherman, Box 2284, Minneapolis, MN 55402.

NOTICE, PLEASE.

Helping Hand ads are included in FRENEX at no cost to NASWA members when space is available. Prepair your ad legibly and send it to NASWA Headquarters at 45 Wildflower Road, Levittown, PA 19057. To prevent possible misunderstanding, please state in your ad who is to pay shipping costs.



Shortwave Center

April 1983

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

The Mystique of the QSL by Al Sizer

CONGRATULATIONS OF
RADIO CLUB DE CABO VERDE
P. O. BOX 24
PRAIA - ILHA DE SANTIAGO
WE CONFIRM YOUR REPORT. MANY THANKS.



BILHETE POSTAL

"When it occurs that your report to them was as much a thrill to them as hearing their programming was for you, well....that's dynamite!" says Ralph W. Perry of Euless, Texas.

"My QSL collection has moved with me three times already and would certainly go with me again if I should move from my present home," declares William S. Sparks, the San Francisco lawyer.

"To me, QSLs are an essential part of the hobby because they provide something tangible for my DXing efforts," writes Jerry Berg, another DXing attorney from Lexington, Massachusetts.

"I am proud of QSLs and I use my collection to illustrate my point of view that neither tape recordings nor any other substitute can replace them," explains Prof. Richard E. Wood of Saudi Arabia, who uses QSLs in teaching.

Gerry Dexter, the Lake Geneva, Wisconsin DXer who has the incredible total of more than 1200 stations verified, compares QSLs to family photo albums. "How often do you get it out and look at it? Not very frequently, I suspect. But there's no way you'd trade them and you're glad they exist. I think it's the same way with QSLs."

"If we were to leave Hillsdale, Missouri, there's no question but what I'd take my QSLs along," informs Marlin A. Field who specializes in religious verifications which a college is interested in for a permanent collection.

"I'll keep QSLs with me during moves," declares John Campbell, Okehampton, Devon, U.K. "For disposal via a will, I'll try to find a good museum with interests in collections devoted to radio."

"QSLs to me are not 'unwept, unhonored and unsung'--they, to me, are important reminders of stations heard in the past," adds Bill Matthews of Columbus, Ohio.

John J. Moritz, Jr., the Youngstown, Ohio shortwave columnist and former editor sums it up: "As far as QSLs go, they remain dear to my heart at all times. The main point is that QSLs, perhaps more than anything else in this hobby, are and remain a personal achievement."

The above opinions came to me as the result of a questionnaire I sent to a group of DXers whom I knew by reputation to have outstanding collections of QSLs. What I was seeking specifically was their answers to the question, "After the challenge and thrill of obtaining that verification is over, what part does your QSL collection play in your DX life from then on?" I wanted to know whether they ever looked at them as time passed and what they thought would happen to their verifications eventually.

My respondents answered all these questions, but they went beyond them for other information and comments about verifications that caused me to enlarge the title of this article to, "The Mystique of the QSL".

For me, and I hope for other DXers, it explains a lot about QSLs and tells me, for instance, why it is that during a year when I sought no verifications, my interest in the hobby generally waned. It seemed to me that reproducing the views of these expert QSLers in some length would be valuable. And please note! Not one of these veris seekers talks about them "proving" his reception. Other facets of QSLing interest them more.

Let's run down their views in detail....

RALPH PERRY: "In my opinion, to DX but not to QSL is to marry but not have children. It is the second greatest satisfaction in the hobby (the first being experienced in those fleeting moments when one knows he is hearing something unique, has found something absolutely new, is the first on a new station). To make tangible an intangible experience seems to me the most human of responses to our hobby.

I enjoy crafting the very best report possible, one which I hope will be a true source of enjoyment to those on the reading end at the station I've just heard. They've given me real joy via their transmission and it only seems appropriate that one should attempt to return some of the same their way.

My enjoyment of QSLing has increased immeasurably since I got off the country-chasing treadmill, when I finished logging what was possible. Now my reports go solely to new DX stations, usually LAs. I have about 750 stations QSL'd on SWBC, 215 HIC on the NASWA list. Of these, 45 are Indos, 1 a Brazilian and about 500 are LAs. Of these, 54 are Peruvian, 43 are HCs and Bolivia and Colombia have 35 each.

My approach to QSLing has been greatly influenced by personal visits to stations in Latin America and Indonesia. At some of these poorer operations I was distressed to see the quick slam-bang xeroxed form-letter "send me a QSL" type of reports. At most DX stations, which by definition are low-powered locals, foreign reports are not particularly wanted or sought. So these types of arrogant reports really hit the heights of offensiveness.

I try to make my report something the station personnel will want to answer. I was most amused, and at the same time dismayed, by Ian McFarland's mini-series over Radio Canada's DX show, dealing with reporting standards. He said 10 minutes is the absolute minimum for a report! Ten minutes!?!? If one is keeping such a close watch on the clock and is that anxious to 'get off the frequency', please don't bother the station with your worthless report. A report should last for as long as one can hear a station and take down details of interest."

BILL SPARKS: "My QSL collection starts back in 1934 and goes to 1939 when I dropped out of serious DXing for college and over four years in the Army. Then it picks up again in 1962 up to the present. Currently I have 756 SWBC, as defined by NASWA, stations verified. While I don't consider that I specialize in any particular area, my favorite QSLs and the area I work the hardest on, is Indonesia where I now have 64 verifications.

I keep the QSLs in albums similar to photo albums and try to keep everything segregated by countries as closely as possible. I have separate albums for Europe, Africa and the Pacific. Because of the large number QSLed from the Americas and Asia, I have more than one album for these.

I have the Indonesians in a separate album plus a very large album for the balance of Asia and the Middle East. I have another very large album for Venezuela, Colombia, Ecuador and Peru, a separate album for the balance of South America and two albums for North America (one for Cuba, Canada, Mexico and the U.S. and the other for Central America and the Caribbean.)

I don't spend a lot of time going through the albums. I frequently review an album when I am putting a new QSL into it. The main time the albums are in use is when I have a visiting DXer who is interested or even a casual visitor who is not a DXer but interested in seeing them after seeing all the pennants on the wall.

My QSL collection has moved with me three times already and would certainly go with me again if I should move from my present home. However, I have never given any particular thought to what I would want to have happen to them in the event of death. I can't see why anyone would really want or have any use for another's QSLs other than an immediate member of the family."

(To be continued next month)

ENGLISH LANGUAGE BROADCASTS: Dan Ferguson (Box 8452, So. Charleston, WV 25303) offers an excellent computerized listing of English broadcasts which is the best I've seen. It's available from Dan for \$2.50 (single copies) or a full year for \$12. It's issued every other month and, believe me, it's a valuable addition to your reference materials in the shack. (JH)

La Contra



"LA CONTRA" by Steve Reinstein

Within the last few years there have been a number of violent revolutionary insurgencies which have rocked our hemisphere. In particular, the area of Central America has been the prime battleground for such volatile turmoil. Political and economic instability in this region has fostered many changes in the future direction of the affected nations. Accompanying the military overthrows, political assassinations, and guerrilla warfare has been a dramatic rise of clandestine radio broadcasting. We, as hard-nosed DXers, have made it our business to grab a front-row seat in such history making affairs. We seek to search out, sort through, and identify the originators of this all-important "war-of-words". In this article for SWC I would like to present one such segment of the clandestine radio war; "LA CONTRA", or in English, "The Counterrevolution".

One of the most affected countries of the propaganda war has been Nicaragua. With a population of 2.5 million, the Nicaraguans have recently been part of an extreme political upheaval. The long 46-year era of the Somoza family dictatorship came to a screeching halt on July 19, 1979. General Anastasio Somoza Debayle fled into exile as forces of the Frente Sandinista para Liberación Nacional (Sandinista Front for National Liberation) captured the Presidential Palace in Managua.

The FSLN was founded in 1962 by a Cuban-trained guerrilla, Carlos Fonseca Amador. Fonseca named the FSLN after Augusto César Sandino, a nationalist guerrilla executed by the elder Somoza in 1934. The FSLN grew into a coalition of three main groups: Marxist leftists, non-Marxist leftists, and a large group of socialists and liberals known as the Terceristas (Insurreccionistas). The Terceristas were characterized by the flamboyant antics of Edén Pastora Gómez, known as "Comandante Cero". Pastora led the famous August 1978 raid on the Palacio Nacional (National Palace) that resulted in the release of several imprisoned Sandinista leaders. The FSLN takeover in 1979 was well chronicled by the clandestine Radio Sandino, and subsequently reported by DXers right here in the pages of FRENDX!

Despite his heroism, Pastora was not invited to be a member of the 9-man Sandinista National Directorate which assumed control of Nicaragua. Ideological schisms led to decaying relations between the various groups constituting the Directorate. Soon, the facade of Sandinista unity came apart at the seams; less than two years after the summer triumph. Pastora joined the ranks of the "desilucionados" (disillusioned), and went into exile. Out of this shattered dream of "Sandinismo" was born "La Contra".

Anti-Sandinista activity can generally be classified into two categories; geographically speaking that is. 1) Those Nicaraguans who fled the country and regrouped in Honduras. 2) Those who went south to regroup in Costa Rica. The exile factions operating from these adjoining countries are politically diverse and appear to be barely held together by a gossamer thread. Groups from both areas have embodied a clandestine war via radio broadcasts and guerrilla subversion.

At the present time (late February 1983) there are four anti-Sandinista radio stations operating on shortwave. These stations are: Radio Quince de Septiembre, Radio Miskos, La Voz de Sandino, and La Voz de Nicaragua Libre. Let's examine the activities of the Honduran based exiles first, and the stations which they operate.

The majority of the "contras Nicaraguenses" who operate from bases within Honduras are members of El Legión Quince de Septiembre (The 15th of September Legion). They are the active remains of Somoza's "La Guardia Nacional" (The National Guard) and derive their name from 15 September 1821, Central American Independence Day. They are said to be financially supported by the CIA/U.S. govt. and by expatriate Somocistas (Somoza followers) many of which have reorganized in and around Miami, Florida.

According to a recent article in the Miami Herald, there are some 22,000 Nicaraguan exiles in Dade County. In 1981 the 15th of September Legion was joined by the Unión Democrática Nicaragüense (Nicaraguan Democratic Union), an anti-communist organization led by two brothers who were formerly Sandinista comandantes; Fernando (nicknamed "El Negro") and Edmundo Chamorro Rappuccioli. The UDN arose in 1980 when it became apparent to the Chamorros that the FSLN was heading rapidly toward a decidedly Marxist course.

Together, these two anti-Sandinista groups hit the airwaves in April 1981 with Radio Quince de Septiembre. R15 originally used one transmitter on 5565v kilohertz. In the past two years heavy Sandinista jamming on 5565 has prompted R15 to expand to four transmitters, usually all with parallel programming! R15 seems to favor "even" frequencies with their three latter transmitters. Throughout the first two months of 1983 they have been logged on 6500, 6510, 6800, 6900, 6950, 7000, and 7050 kHz. Their broadcasts are well heard in North America around 1130, 2300, and also in the 0300-0600 time slot, GMT.

The Somocistas were joined by several thousand (the numbers vary depending on who does the counting) Nicaraguan Indian refugees who fled Nicaragua's northern and central Atlantic coastal regions. The Indians hail from the Miskito, Sumo, and Rama tribes. Unofficial census statistics show that there are 125,000 Miskito, 15,000 Suma, and 1,000 Rama Indians still residing in Nicaragua. R15 broadcasts mostly in Spanish, but occasionally too in Indian languages and even English. The English segments serve the people along Nicaragua's south Atlantic coast, who are mostly of West Indies origin and who speak English. The Nicaraguan Indians belong to a political group called "Misurasata" (a combination of the three aforementioned Indian tribal names plus "Sandinista". Hence Mi-su-ra-sa-ta), headed by Stedman Pagoth Müller. This organization was originally intended to bring Sandinismo to the Indians, but now actually serves as a symbol of Indian resistance. The 15th of September Legion plus the UDN and Misurasata are all loosely aligned as the Fuerza Democrática Nicaragüense (Nicaraguan Democratic Force). The political leader of the FDN is José Francisco Cardenal. R15 claims to be the official voice of the FDN.

The FDN is sort of a rallying point for these groups, to keep bickering amongst themselves at a minimum. It is rumored that the FDN forces are at least partially armed and trained by military personnel of the Argentine armed forces. The Argentines appear to be eager to see the Sandinista regime toppled. In 1978, a number of Argentine leftist "Montenro" guerrillas surfaced in Nicaragua to help the Sandinistas oust the Somoza dictatorship.

On 20 January 1983 another pro-FDN and anti-Sandinista broadcaster, known as Radio Miskos, was discovered to be operating on shortwave. Radio Miskos broadcasts mostly in native Nicaraguan Indian languages, and to a lesser degree Spanish and English. They have announced their frequency as being 6870 but have been heard with seemingly unintentional drifting from 6865-6920. Their broadcast times are approximately 0200 and 1100 GMT (but this could surely change by the time you read this!). At present not too much reliable information is known about this Radio Miskos. I can only speculate from the "feel" of their programming that Radio Miskos may be a production of the Indian (Misurasata) faction of the FDN. There are similarities to the programs of R15, especially the Spanish portions. Some of the phrases/slogans heard on Radio Miskos were identical to those heard on R15. These two anti-Sandinista stations round out the activity from the Honduran-based contras.

A move down to Costa Rica finds quite a different angle portrayed by the contras residing here. The exiled Nicaraguan groups based in Costa Rica can be considered to be pro-Sandinino, yet at the same time, be anti-Sandinista! The explanation is simple. The contras here are comprised mostly of former Sandinistas who played leading roles in the ouster of Somoza. These contras still believe in the cause of socialist agrarian land reforms; the same reforms which Augusto Sandino gave his life for. However, the contras believe that the Sandinista Directorate has poisoned the original "spirit of Sandino" by leaning heavily to a Cuban-Marxist style of Government. These contras were first organized by Edén Pastora Gómez in the Frente Revolucionario Sandino (Sandino Revolutionary Front). The FRF was formed by Pastora in April '82 when he declared his opposition to the Sandinista govt. In June '82 Pastora was joined by the Movimiento Democrático Nicaragüense (Nicaraguan Democratic Movement) led by Former Sandinista junta members Alfonso Robelo and Arturo Cruz. They united to oppose the ruling junta but they also are opposed to the Somocistas in Honduras and what they deem as "U.S. imperialism" in Central America.

In 1982 the FRS-MDN coalition hit the airwaves with the clandestine "La Voz de Sandino" (The Voice of Sandino). This station, which continues to operate, is thought to be located in northern Costa Rica. La Voz de Sandino can usually be found at 1100, 0000, and 0400 GMT, operating in the 6200-6230 range. They also have experimented around 5825-5845. The programs are of a professional caliber, both in content and in the quality of the transmission. News items are often punctuated by the use of a theme made famous on short-wave by Radio Nederland's Media Network program.

More recently, another Costa Rican-based station appeared on shortwave. La Voz de Nicaragua Libre (The Voice of Free Nicaragua) began operations at 0000 GMT near 6200 kHz but quickly moved down to the 5700+ kHz range. La Voz de Nicaragua Libre seems to be a near carbon-copy of La Voz de Sandino! They announce themselves as the "voz oficial de la Alianza Revolucionaria Democrática ARD" (the official voice of the Democratic Revolutionary Alliance. ARD may just be a new name for the FRS-MDN coalition. Many of their news items and broadcast techniques are identical to La Voz de Sandino. It is my own opinion that the female announcer on each station is one and the same person!

At any rate, the four stations I have mentioned are part of a history-making process, in motion today. Don't ignore the events in our own backyard. Be a part of the "contra" by listening to clandestine radio! Thank you John, for allowing me this space in SWC! Upcoming: an in-depth look at La Voz de Cuba Independiente y Democrática. 73s de Steve Reinstei *Star*

On To The Top by DON JENSEN

Part Five: THE FACTORS INVOLVED IN IDENTIFICATION

If you haven't progressed beyond the "if it isn't in English, I can't ID it" stage, you've got some basic homework ahead of you before you're ready for serious DXing.

Minimally, you should be able to distinguish among the major languages: Spanish, Portuguese, French, German, Arabic, etc. You should be able to recognize the tonal Asian languages, such as Chinese. Foreign languages should no longer all sound alike to you. You need not be a linguist--few experienced DXers are--but you should be able to pick out words.

If you can't, spend some months on the whole business of learning what languages sound like. There have been articles written on the subject in various journals, hobby publications and books. Seek them out and study. One of the best ways to learn is to study the VOA foreign language broadcasts.

For those of you who are still with us, it should be obvious by now that a very experienced DXer, because of his accumulated knowledge, may well be able to positively identify a station that a less experienced DXer might not be able to identify at all, or at best, consider a tentative.

But, even the best of the "pros" frequently come up short of ID certainty. And, as I suggested last time, under certain conditions, one can send a report on the strength of a tentative ID.

A tentative, you'll recall, is when positive identification isn't possible, but a whole series of factors surrounding the reception strongly lead the DXer to believe he's hearing a certain station.

But a word of warning! Tentatives are tricky and dangerous. Most misidentified stations that crop up in club bulletins result because the DXer lacks information or experience, is careless, or jumps to hasty conclusions due to wishful thinking.

A DXer, anxious to log a rare one, is easily tempted to conclude, "Well, others are hearing it so it must be station 'X'". Leap to such conclusions at your own peril.

The measure of a top DXer is his reputation, especially among other experienced DXers. A reported rare station almost always prompts a frantic hunt by others. If you were wrong in your ID, it will be discovered quickly enough. Everyone makes mistakes now and again. It is embarrassing but not fatal to a reputation. Your error may not be challenged in print, but be sure it will be noted by the more experienced DXers. If you later find you erred, a correction to the editor helps mitigate the mistake. Pretending it didn't happen is a mark against you.

Radio Khusus Pemerintah Kab. DT. II Lebak

To make a mistake occasionally is human. To be wrong regularly earns you the wrong kind of reputation. Before long you're marked as unreliable which is the worst of all possible curses in DXing. Then no matter what rare loggings you claim, no matter how high you climb on the scoreboard, a tinge of doubt will always be attached to your reports.

Tentative IDs, to return to the subject, are the result of piecing together a number of separate factors that, in composite, convince you of a station's probable identity. The number of bits that "fit" can vary, but the more that do, the surer you can be. Too few "fits" and all you've got is a "possible", or perhaps even an "unidentified". And the experienced DXer has the edge since he's accumulated more know-how and background info to test for "fit".

The factors? Frequency, naturally. Time? Does your reception match the schedule? Propagation? Is reception possible, or likely, at the time you are hearing it? Does your reception match the language and programming known to be used? Can you, for one reason or another, eliminate from consideration other stations known to operate on the frequency at that time?

Other clues? You heard no country reference, but did hear a Spanish commercial for Cerveza Carta Blanca. In which country or countries of Latin America is that brand of beer distributed? Can you identify the national anthem heard at sign-off?

What does the music tell you? Can you distinguish between Mexican and Brazilian music? Between that of Peru and that of the Dominican Republic? What is high life music? Gamelan? What is a sitar and what does it sound like?

There are dozens of clues, factors that can help you to identify a station. There's no practical way they can be taught, except by experience. But if you're alert to the basic techniques, you can begin to file away in your mind these scraps of information that will help you in identifying stations.

Naturally, none of these clues alone is sufficient to justify even a tentative identification. Enough of them, however, may make a strong enough case for a tentative ID.

But, again, be careful!

NEXT MONTH: Getting rare stations verified.

LA VOZ EVANGELICA DE HONDURAS

HRVC CELEBRATES 22nd ANNIVERSARY by Marlin Field

(Taken from "The Challenge of Conservative Baptist Home Missions", Feb. 1983, written by CBHMS minister Tom Pruett)

On December 8, HRVC celebrated its 22nd anniversary. Radio Station HRVC, the Evangelical Voice of Honduras, began broadcasting in 1960 from the home of CBHMS minister David Jones for two hours each day. In 1964, property for a transmitter site was purchased, and office space was rented in a building downtown, for use as studios.

The ministry was greatly expanded in 1965 by the addition of a transmitter in the 60 meter shortwave band. Not only did this increase its coverage to the rest of Honduras and several surrounding countries, but it also made it possible to hear HRVC at night in other parts of the world. An FM transmitter was also added to enhance local coverage. In 1975, the rented building was purchased and the facilities were expanded. Felipe Aguilar, a Honduran national, was installed as manager. The following year, the original 1.5 KW AM transmitter was replaced with a new 10 KW unit. This greatly improved local coverage. Control of the radio station was turned over to a board of directors, elected by local CB churches, in 1977.

Today, HRVC is an integral part of the Christian community. A good part of the station's budget is made up of donations from local churches and payments for air time. Future plans include a remote broadcast unit which would allow the broadcast of church services and special meetings live.

Marlin adds: According to Jim Bowen, director of field operations for FEBC, it requires \$334,000 every month to operate all of the FEBC stations and studios!

Loudenboomer



Over the years, I've suffered the slings and arrows of outraged unfortunates. They have tried to best me in a battle of wits. But being, for the most part, unarmed, they failed.

The exception was that guy from Idaho, whose bellows, when stung, succeeded in getting ol' Charlie exiled to Tibet. Well, some of you know about that; and the rest of you probably don't care. Suffice it to say that I've been out of circulation for a few years.

When it happened, when I was bounced from the pages of FRENDX a few years back, I planned a permanent retirement. I hadn't mellowed a tad, but I'd aged. After all, doing a monthly column since January 1966 had worn me out. It was a good reason to quit.

Better yet, I'd become a kind of folk hero when I was fired. Can you beat that? Even people who earlier had wanted to nail my hide to the shack door were coming to my defense. I was the best thing since crunchy granola. I'd become the martyred champion of free speech, the Lenny Bruce of the DX world. I COULDN'T come back even if I'd wanted to.

The truth was that Loudenboomer was content, fat, smug and lazy being a living legend!

The intervening years brought a series of pale carbon copies, the Clara Watchamacallits, the Radio Kids and the rest; imitation CLs by writers of "funny columns" in DX bulletins. But so what?

Then, some months back, a fellow named Hans Christian Anderson, or somesuch, took on a FRENDX editorship. A nice fellow, it seemed, but he, too, took it into his head to do a copycat column, pretending to be the genuine Loudenboomer.

A tad miffed with the fellow for presuming to be me, I sent him a letter via my time-honored mail route, from Tibet-to-Southern-California-to-West-Virginia-to-NASWA.

"Let's make a deal," I suggested. "You stay Hiss Cranston or Crisp Handful or whatever, and I'll remain Loudenboomer." It seemed only fair.

In time came his reply, "I consider the Loudenboomer name to be in the public domain."

"Mr. Creased Hammock, sir," I muttered when I got his reply, "you're probably nice to your mother and stray cats and a good editor to boot, but you're plain wrong. Loudenboomer's name isn't in the public domain. It's in CHARLIE'S domain!"

Then came the cruelest blow of all. In the last of those pseudo-Loudenboomer columns, he reported the demise of yours truly.

He has since gone, but CL lives on. It is with a measure of relief that I can inform you that the report of my death was greatly exaggerated.

But what next? Having been stirred from my lethargy, should I again fire up my kerosene-fueled, steam-powered typer? Or should I stay silent somewhere south of Lhasa? Is the world waiting for CL? Can you go home again, E.T.? I dunno. But for now, I'm gonna give it a shot; maybe not every month. I'm still as tired and crotchety as ever. I may even coast with some golden oldies from the musty CL archives.

For the present, at least -- gag me with a spoon, fur shure, fur shure -- Loudenboomer's back.



VINTAGE VIGNETTES



WDX3UPA Bill Taylor, Box 132, Unionville, PA 19375

UNDERSTANDING POWER SUPPLIES - PART II

Last month we covered the front end of the power supply. Due to space limitations, I was unable to include a section on measurements. Hence, we'll cover that here before going on to the rectifiers.

A multimeter, preferably of 20,000 ohms per volt sensitivity, is indispensable to service and design work in electronics. All voltage measurements are to be made across a resistance. For example, the voltage drop over the ballast from last month's article would be made by using the 250 AC volt scale setting and applying the leads to either side of the ballast. Appropriate AC scales may be used to measure transformer secondary voltages. Once we move past the rectifier, the DC scales are used for most measurements. When making these measurements, you must connect the black lead to the more negative side of the component and the red to positive. Most of these tests may be conducted by attaching the black lead to the chassis (E-), if grounded power exists. Current measurements are made by breaking the circuit and inserting the meter into the line in series. The black lead should pick up the negative side, while the red connects to the positive. Be careful to use high settings for these voltage and current measurements, then bring the scales down for proper readings. If 5 amps go through your meter on the 500ma scale (.5 amp), douse it liberally with ketchup or "A-1" and dig a hole in the back yard! The resistance measurements are not so critical. Capacitors, including the tuning gangs, should be disconnected from the circuit under test as they will both the measurements as they charge. The resistors and inductors may then be tested by bringing with the probes (polarity unimportant). The values of these components should be accepted if they fall within 10% of the schematic or color code values.

RECTIFIERS

The rectifier tube is used to convert an AC voltage to pulsating DC of very slightly less value. Each rectifier has certain maximum ratings for the peak inverse voltage (when not conducting - one side for full wave) and peak plate current. Generally, rectifiers are rated for three times their plate current for surges, as when starting up. Furthermore, these values do vary with the type of filter input. If the filter begins with a capacitor, this type will draw a much greater current in order to build up the charge on the capacitor than a choke would pull. Figure # 1 shows the two basic full wave, center-tapped options that will usually be encountered in older receivers. Half wave rectifiers, unless in parallel (q.v., Fig. # 3), are usually found more in industrial applications.

The number of tubes, as well as their individual type characteristics, will determine the the individual component ratings of the power supply. This would include the transformer windings, the rectifier ratings, and the filters and dividers to be used. For example, a five tube set may draw 60 milliamps, but a 12 tube model may draw 150 ma. An 80 tube with 125 ma maximum continuous current would be fine for the first, yet the latter would burn it up. The table in Table # 1 will be of service if the tube is missing and a schematic cannot be found for your set.

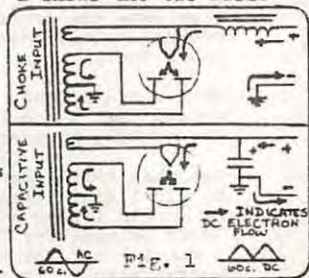


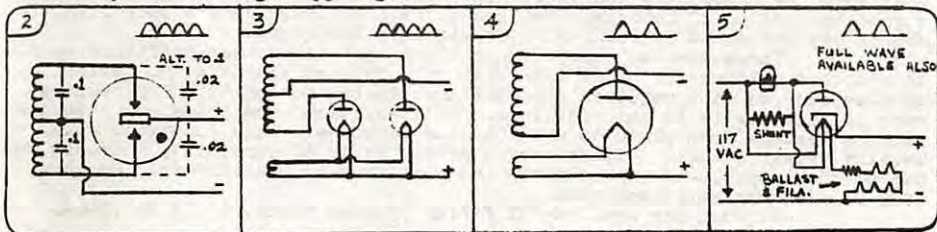
TABLE I

Name	Type ¹	F/H/D ²	File/Heat/Type ⁵ Vts Amps	P.I.V.	Surge Ma.	Pos. ³	Typical Rate ⁴ Vts/Ma Hen
3	CK	HW		B Eliminator/Auto			300/60
3H/BR	CK	FW/HW	None	Helium filled/Gold Cathode			300/85
02L4	CK	FW		Gas ion transfer			300/75
BA	CK	FW		Relatively inefficient			250/100
04L4	CK	HW		Ratings vary w/ load			120/25
216	HV	HW	7.5 2.35	Tung pre-81			350/50
216B	HV	HW	7.5 2.35	Thor pre-81			350/50
213	HV	FW	5.0 2.0	Thor pre-80			170/65
196	HV	FW		Double filament oddball/2 fil windings/Rare			
TS-1	HV	HW	7.5	Early Signal Corps type			350/60
80	HV	FW	5.0 2.0 OC	1400	375	Vert	350/125 5
81	HV	FW	7.5 1.25 OC	2000	500	Vert	700/85 20
82	MVP	FW	2.5 3.0 OC	1550	600	Vert	450/115 6
83	MVP	FW	5.0 3.0 OC	1550	1 amp	Vert	450/225 3
83v	HV	FW	5.0 2.0 CKd	1400	525	Any	375/175
84L	HV	FW	6.3 0.5 CKd	1250	180	Any	325/60 10
5TL	HV	FW	5.0 2.0 OC	1550	675	Vert	400/225 10
5WL	HV	FW	5.0 2.0 OC	1400	300	Vert	700/100 6
50L4	HV	FW	5.0 3.0 OC				
5V4	HV	FW		See 5TL			
5XL	HV	FW		See 83v			
5Y3	HV	FW		See 5TL			
5Y4	HV	FW		See 80			
5Z3	HV	FW		See 80			
5Z4	HV	FW		See 50L4			
5ZL	HV	FW		See 80			
6XL	HV	FW	6.3 0.5 CKd	1250	210	Vert	650/70 8
6X5	HV	FW		See 6XL		Any	
6Y5	HV	FW	6.3 0.3 CKd			Vert	350/50
6ZL	HV	FW		See 84L			
6Z5	HV	FW	6.3/12.6 @ 8/14			Any	230/60
6Z5	HV	FW	6.3 0.3 CKd	1250	120	Any	650/40 13
7L4	HV	FW	6.3 0.5 CKd	1250	180	Any	355/70 10
7ZL	HV	FW	6.3 0.9 CKd	1250	300	Any	450/100 6

Notes: 1CK - Cold Cathode 2FW - Full Wave 3Mounting position - most verticals may be horizontal if
HV - High Vacuum HW - Half Wave file. plane is vertical.
MVP - Mercury Vapor
4Typical Ratings are for capacitor input. Hen. is the min. inductance of choke for choke input which generally increases output voltage by 20%-50% at rated current.
5Types are for Tungsten, Thoriated Tungsten and Oxide Coated filaments; or Coated Cathode emitters.

The diagrams in the figures below demonstrate the usual applications of the cold cathode, parallel half wave, half wave, and AC series rectifiers (Figures 2 to 5). The latter type uses high voltage filament tubes (25Z5, 35Z3, 45Z5, 117Z3, etc. - not included above) to help drop the line voltage. Some of these tubes may also be used in voltage doubler circuits for providing higher "B" supply voltages.

Several miscellaneous notes are appropriate at this point. The use of mercury vapor tubes was extremely limited in radio applications, as they were comparatively noisy. The voltage drop across a rectifier is negligible in all of the vacuum types. However, there is a great deal of loss across the cold cathode types which must be taken into account. The mercurous type rectifiers will show a purple glow when they are operating. This is normal. The presence of this glow in a vacuum type indicates trouble! This glow indicates an overload that is drawing too much current, overheating the tube elements, and freeing trapped gases in the elements. Shut down and examine!



We have now progressed to the point of converting the primary AC voltage into the necessary plate supply voltage, and rectifying that power into direct current. At this point, however, it is entirely unsuitable for use in most radio applications. The rectified current has a 60 cycle pulse from the AC main that has become 120 cycle rippled direct current. The filter circuits found next are used to process these pulses into an acceptably small amount of ripple.

FILTERING CIRCUITS

Most receivers and power supplies use a capacitive input filter. Some early manufacturers used a choke coil input to follow the rectifier, but this proved to be more expensive to manufacture. Whereas the capacitive type was unable to provide the top peak current of its inductive cousin, the economy of electrolytic design and manufacture soon made it a standard for radio receiver supplies. This is rather interesting to note; as the inductive filter is much more suited to use with thermionic (vacuum) rectifiers. The capacitive filters were more suited to silicon rectifiers, but could be used in tube applications due to the high load resistance of the circuits.

The diagram in Figure # 6 the difference between the two types of filters. The waveforms demonstrate how the capacitive reactance and the inductive reactance (X_C and X_L , respectively) combine to deny passage to the alternating component while showing small DC resistance.

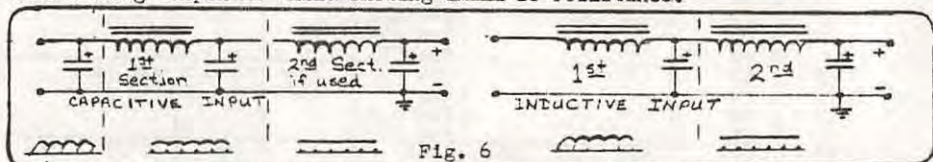


Fig. 6

Generally speaking, the filter section is the first to be suspected if troubles develop in an older receiver. More specifically, the electrolytic capacitors are most often the cause of the problem. Their shelf life is limited, let alone if they have been used. The problem usually entails a leak which permits the electrolytic to dry out and lose its insulating film. This condition is usually apparent upon close inspection when a white froth (dry) is found near edges or crimps on the capacitors. Typical results of this type of failure are increased ripple in the output (as the capacitor has been effectively eliminated from the circuit).

Another rather nasty problem found in the capacitive components is a short. If the first capacitor shorts, the common problem observed is a burnt-out power winding in the transformer secondary and/or a blown rectifier. Where the open capacitor above would cause considerable hum in the output, the shorted cap would rather effectively and expensively eliminate the hum (and everything else, too).

The filter choke is not generally prone to problems except in a case of bad engineering (insufficient current capacity). You may find, however, that a choke coil is open or shorted. In this respect, shorted will usually mean any DC resistance under 100 ohms. In a case such as this, look for a cause of excessive voltage (insulation breakdown) or excessive current (overheating). Once again, the first place to look is the electrolytic!

The testing procedure for the filter components is rather simple. For the chokes, which usually includes the speaker field coil unless you have a permanent magnet (PM) speaker, a simple ohmmeter reading will suffice. Their AC reactance is complicated to calculate, but their DC resistance may be measured on the ohms (times 10 to 100; 100 to 1800 ohms usual) scale. The capacitors require a bit more work. The not (ungrounded) lead should first be disconnected. Then, an ohmmeter set at the X10K scale should be connected to ground (black) and hot (red) leads. The needle should fall quickly into the range of 20K to 40K; and then a slow rise into the 200K range or more will show the capacitive charging. Low resistance or slow charging will be a good indication of leakage. Failure to fall will indicate a poor film, and shorts are reflected in low (or no) resistance readings.

There are two capacitor problems that are rather difficult to locate with a multimeter. Some caps will only fail at operating voltages. A problem such as this requires a capacitance tester to locate. Try replacement if this device is not available. Multi-section capacitors may also develop a leakage from plate to plate of two sections. This condition will usually bypass a choke (effectively shorting it to AC currents), increase the hum at the output, and may overload the rectifier or transformer. Replacement is the most expedient cure.

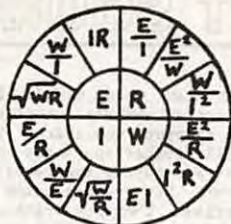
So much for now. We'll finish up next month.

73 de Bill

TECHNICAL TOPICS

ED C. SHAW

604 GREEN RIDGE COURT, LEXINGTON, KY 40503



APRIL 1983

PLEASE INCLUDE STAMPS WITH YOUR LETTERS!

Having just acquired the new ICOM IC-R70 receiver I was pleasantly reminded of the niceties about Exalted Carrier AM Tuning. This technique was first shown to me by the veteran DXer Emeritus, Al R. Niblack. In those days Al was my mentor and easily the most imminent DXer around. When I learned about Exalted Carrier tuning, separating close/interfering stations became much easier to accomplish.

THE EXHALTED CARRIER

In Al's own words, I would like to repeat here the narrative description of how Exalted Carrier tuning is accomplished.

"In SWBC reception, it often happens that transmission conditions are different for waves of slightly different frequencies. In the case of voice-modulated transmissions which involve sideband frequencies differing slightly from the carrier frequency, the carrier and sideband components may not be being received in the same relative amplitude and phase which were present at the transmitter. This effect, known as "selective fading", can cause severe distortion of the signal and hence ensuing loss of readability--rough copy!! Selective fading can be reduced somewhat, rendering the signal more readable, through utilization of Exalted Carrier AM Reception.

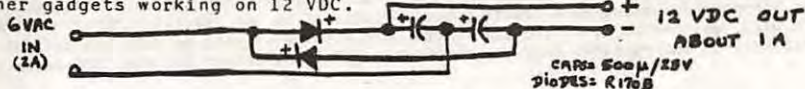
"To tune an AM signal via this method, set the receiver to USB or LSB, then follow the normal procedure for tuning single-sideband; tune the receiver to select (accept) only one of the two sidebands being transmitted at the station, letting the receiver BFO re-insert the othersideband, detecting the signal as in the same manner as a conventional SSB signal. Depending on the make of receiver, the listener may or may not have to insert the BFO into the circuit...in most late models the BFO is already tied into the mode switch and is automatically switched into the circuit when the receiver is used for SSB purposes.

"Of course, in receiving SSB, the receiver selectivity is always sharper reading--this makes tuning more difficult, critical, and sharper."

A VOLTAGE-DOUBLING CIRCUIT

When You Need More Than The Transformer You Have Offers

Many projects require 12 VDC, but it may well be that the hobbyist can make use of smaller 6V transformers laying around to power such projects. By simple construction of a voltage doubler circuit, only a few rules are necessary to observe. Basically, a transformer is rated for a certain amount of voltage and a certain current. If the rated current is not drawn, the output voltage will be somewhat higher. Likewise, if more than rated current is drawn, output voltage will be lower than rated value...and the transformer may get hot very much sooner. In using a voltage doubler, you must observe that the rated current output will be only about 45% of the original before doubling. With that caution in mind, here is a very useful circuit using few parts. It should be good for small uses up to about 300 mA. It will certainly run most all of today's Japanese rx and other gadgets working on 12 VDC.



IT SOUNDS TO THEM!

John J. Moritz, Jr., 4779 Pine Trace, Youngstown, OH 44515

CARL MANN, Cedar Rapids, IA: "Be realistic—there will always be a high ratio of inactive to active members. Active club supporters are indeed a talented and rare minority but not everyone qualifies. Passive supporters who do not contribute directly to FRENEX still further the hobby in many ways. They respond to broadcasters more intelligently. They are buying the receivers and associated equipment—manufacturers need a market don't they? They are advancing the hobby to the unenlightened in their social and business circles. They are writing their annual checks supporting the club. And some may even develop into an active supporter someday after sharpening their skills thru FRENEX."

KATHLEEN EAVES, College Station, TX: "I am taking you up on the challenge you issued in your offensively-written column in the March 1983 FRENEX. My husband and I have listened to shortwave radio for close to four years and Steve's been a member of NASWA for two years. Neither of us have ever sent in loggings or QSL reports to FRENEX. The primary reason is one of time. Steve works 60 hours each week and I work 45 hours a week. Our young son takes up most of our spare time. We have very little time to listen to the radio, much less to try to DX somewhere. The secondary reason why we don't contribute is NASWA's apparent dislike for garden-variety SWL's." "SW listening is exciting to us, but what excites us is being able to listen to major countries' comments on the news....In Frenx's terms, there's nothing exciting about listening to BBC news or Hiapy Station broadcasts." "If you want garden-variety listeners to participate, then change your attitude about what's worth listening to. If you'd rather that only those who participate be members, then just make that a requirement of membership just as some radio monitor clubs do. I'm sure we can find something else to do with the \$20 we send you each year. If everyone else reacts the same way I am to your offensive statements, then that's \$40,000 per year NASWA will lose. Can you survive without us?"

STEVEN SPRACHMAN, Seaford, NY: Steve lists 18 easy reasons why people do not contribute to Frenx, with tongue-in-cheek. Then, he goes on to say: "I hope this is a start of your collection of reasons why someone may not report and contribute to Frenx. I hope that people see how silly these reasons are. I know at times that these reasons have kept me from contributing to Frenx and the bulletin from my other dx club (WTFDA). But I feel that it is important to contribute, even if its once or twice a year and that it may be something that is not earth-shattering. Every little bit helps make Frenx better." Steve adds at the end of his fine letter: "This is my first contribution to Frenx since I started in the club several months ago because..."

NATHAN MURFF, Albuquerque, NM: (Nathan is a regular contributor to Frenx. jm) "As one of the grateful undead in NASWA I can think of many things that could be done. But as usual the other 99 people would be the ones to agree and the 2100 left over would only complain. Is there a long range planning committee or do the B.O.D. get all of their input from letters to "It Sounds to Me" and the various editors?"

KATHY LYNCH, Temple, ME: "2100 silent voices, eh? That probably means there are more reasons for keeping one's yap shut than for spouting off. We are, after all, listeners, and most of us are neither authoritative enough nor fluent enough to be columnists. But let us suppose that one of us silent ones does have a valuable piece of information. Why don't we write then? First, we may not know that it's "News." I hate to tell granny how to suck eggs, and I am modest enough to realize (maybe it's just honest enough) that most of my loggings are not exactly brilliant dxing. Knowing what's news makes a good editor, but I am more likely to recognize the rarity of my "catch" when someone else reports it. True, experience corrects this problem, but some of us are not ready to be laughed at while we are acquiring the experience." Kathy goes on to point out that many do not contribute because they fear they will be pounced upon by some editors. She also says that she does not personally contribute because her field of expertise does not seem to fit into what Frenx is looking for. Finally, she says: "And there's the last reason on the list which is undoubtedly the biggest one for me: inertia. I don't do it because I don't do it, and there are probably 2099 others with the same need for a periodic kick in the seat of the pants. At the very least I could say how much I appreciated Steve Reinstein's list of the correct spellings of the LA political leaders' names, or Jim Conrad's or Kraig Krist's band surveys, or the old-equipment articles. It takes a column like yours to remind me to let the 100 know they're appreciated."

WILLIAM J. NEILL, San Antonio, TX: "I read your column in the March, 1983, issue of Frenx and can readily identify and sympathize with your concern for flagging reader participation. I edit and write a monthly newsletter devoted to electric traction and rapid transit that is very much dependent upon reader input and while I am not exactly without material to work with, each month it is the same correspondents who provide me with the bulk of material that is incorporated into the newsletter. The newsletter has over 500 subscribers

worldwide and yet only 15 to 20 of these people continually provide input. But, it works from one month to the next."

JOHN J. TOPOLESKI, Philadelphia, PA: "This is in reply to your recent article. I cannot agree with you more. You see, I don't contribute, I don't know why. Maybe I feel I don't have the time. But, I know I do have the time. I will start to contribute. I am not the most experienced dxer or SWler, but I guess I know a little, and with my RF2900, I can probably spend a little time writing out a log or QSL receipt on a little form. I have always heard about people saying "contribute, contribute," but I never really paid attention. But your article has made me think and so I am writing this letter. I guess I figured that there are other people a lot more experienced than me. True, but I also might know something that no one else knows. A new change, etc. Thanks for opening my eyes a little." John signs his letter: "A new contributor." (John is 14 years old and this editor commends him for his efforts! jm)

RICHARD E. TUTT, Apache Junction, AZ: "As for the answers to your problem, here is one and I'll bet there are others with the same answer. I long ago placed my annual dues in the category of a charitable contribution. I apparently was stupid in feeling that this money would go toward keeping the organization solvent and helping others who were much more active and interested than I. Friendx gets about a 30 minute perusal each month and is then tossed into a pile of past issues in the corner of my ham shack. According to my little calculator 2100 of us "grateful dead" contribute \$33,000 plus every year while the contributors you speak of, the "holy 100", contribute \$1600. It would appear then that it would give you great pleasure if we 2100 would just disappear and take our unwanted money with us. Perhaps I will just give that some thought next November and put the money into some other charitable organization that will appreciate it more. You are of course entitled to your opinion as am I, but I believe you have taken the wrong tack and may end up with your little boat on the rocks. What would I do? Don't ask me. Nothing is forever, just ask the former members of NNRC. (I am one)"

JEROME HADEN, Metairie, LA: Jerome says the reason he does not contribute is because he likes to listen to SW "for information and entertainment. Rarely does a 24 hours period go by that I haven't at least once listened to the news from the BBC, plus a couple of the other major international broadcasters. The "entertainment" I listen to varies from Radio Moscow to most of the dx programs. My basic philosophy is: if it is not in English, tune out; and if it is too difficult to understand through fading, QRM, etc., tune out. I am an armchair listener." Jerome concludes by saying that "Maybe you are having only 100 or so people participate because Friendx is catering to the tastes of these few individuals rather than to the tastes of the remaining 2100."

LOY W. LEE, Richmond, KY: "I'm sure that every member of NASWA has to make a living to pay our bills and purchase our much-cherished gear and accessories, not to mention paying the mortgage and things like that. Perhaps I'm not a typical member of NASWA but, I am a fairly busy man." Lee says that the one time he did contribute his logging did not appear in print, and that he received no response as to why it did not. However, he maintains a positive attitude, and says it is just time that prevents him from doing something.

ROBERT "GRAP" GRAPENGETER, West Frankfort, ILL: "Grap" points out that he is just getting back into the hobby after retiring from "trucking". He says that as soon as he gets hooked up he hopes to be a regular contributor. A number of others expressed the same opinion. Either they were just getting back into the hobby, or they were just starting out in the hobby.

So, that is the way it sounds to you! Well, it appears as if I lost my bet. It was a good one to lose though, hi! But, the point here is that you all have just made your very first contribution to Friendx!!! Now that we have a dialogue going why don't we keep it up? You know, you can continue your dialogue by sending in material to SWC, the log reporters, or other sections of Friendx. It only takes a few minutes to drop a note to somebody to tell them what is on your mind. Each and every one of you, in your own way, can make this a better bulletin. Thanks for helping out!



Thanks to everyone for an interesting edition of SWC, especially the "regulars": John, Bill and Ed. Next month we'll continue Al Sizer's article on "The Mystique of the QSL", we'll finish Don Jensen's series on serious DXing, we'll take a look at "Radio Nuevo Mundo"-an exciting Japanese club devoted to LA DXing and we'll also feature Al Roth's infamous verie from Blafra, long considered the rarest verie in the hobby! Like JJ used to say, "DXing Fever....Catch It!!"

APRIL 1983



Listeners Notebook

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ANTARCTICA LRA36, R Nacional Arcángel San Gabriel sked 1300-1500 on 15476, and 2230-0030v on 15476 & 6030, 11955 not ancd. Here in Buenos Aires, hrd only on 15474; all pgms in SP, w/anmcs in EG, FR, IT IDs (Gabriel Iván Barrera, 16/2)

AFAN McMurdo, 6012, noted daily in late Feb; 26/2 from 1100 w/pop songs, 1259 ancd "the world's southernmost radio stn now ends another best day", full ID & NA to 1301, but then continued w/more mx to 1320/. Other days no anmt or NA at 1300; previous yrs was audible here only during June & July (Ernie Behr, Ont) If the NA & spiel occurs at local midnite, as is customary, this would indicate McMurdo now observing GMT + 11 zone, a change. But since hrd only one time at 1300, maybe just a fluke (gh)

ARGENTINA RAE ancd details of fq changes as from the beginning of Feb: 15345 1900-0500; 11710 0000-0500 & 0730-1030 [this 0730-1030 is obviously local time, not GMT -gh], 6060 at 0000-0500. Use of 9690 & 6180 discontinued. R Nacional nx svc "Radionoticias Argentinas" appears discontinued. LRA1 R Nacional now carries two diff svcs, Pgm 1 and Pgm 2. Pgm 1, which features sport, mx, variety, educational and cultural pgms, appears to be on 870 and 96.7 24h NSP, and also: 15345 1700-1900, 9690 0500-1230, 1600-1700, 2300-0000, 6060 0500-1230, 1330-1700, 2300-0000. 99.1 1100-1700, 2300-0500. Pgm 3 [sic --??] carries nx, educ, cut pgm on 9690 1700-2300 & on 99.1 1700-2300 both not Sun (WBI 17/2)

NASWA members only may get QSLs for LRA-1 Buenos Aires, and LRI, El Mundo, by reporting to my personal address and sending 2 IRCs for airmail reply. LRA1=R Nacional from Bs. As. Please mention in report "NASWA member". RAE also has a new QSL card. (Gabriel Iván Barrera, Casilla 2868, CC, 1000 Buenos Aires)

Latest skeds of SW stns, as determined by personal visits in Bs As, and phone calls to the interior: LRA R Splendid: LRS 11880, LRS1 9740, LRS2 5985, Mon-Sat 1700-2400, Sun 1000-2400, all 1 kW. LRI R El Mundo: LRI 15290 at 0830-0130 1½ kW; LRI 11755 0100-0830 7½ kW; LRI 6120 0900-0700 10 kW; LRI 2 9710 1500-0100 7½ kW; all daily. LRS R Belgrano: LRS1 6090 2000-0300 but s/off varies Sat & Sun 0400-0500 due to sports. LRS2 11780 1300-2000; daily. LRA1 R Nacional: 6060 Mon-Sat 0500-1230, 1330-1700, 2300-0000; Sun 0500-0300. 9690 Mon-Sat 0500-1330, 1600-2400; Sun 0500-1330 & 1600-0300 varying to 0500. 15345 Mon-Sat 1700-1900. El Servicio de Noticias, LRA37, has been replaced by LRA1 pgms since Jan. LRA34 R Nacional Mendoza, 6180, is 24h. LT17, R Provincia de Misiones, 6160, suspended SW svc since Aug 82, after the end of the Falklands conflict [He said Malvinas -gh]. LRS R Rivadavia, 5882, not an offl sw svc, but a xmtr of ENTEL used to link other services or with the interior, sked Mon-Fri 2100-0200 varying to 0400; Sat 2300-0400; Sun 1800-2400. All the above stns bc in SP only and verify by QSL.

RAE sked [as above], langs as follows: JP 1030-1100 & 1130-1200. EG 1100-1130, 1200-1230, 1930-2000, 2230-2300, 0100-0130, 0230-0300, 0430-0500. SP 1230-1330, 2030-2100, 0030-0100, 0300-0330. AR 1900-1930, 2130-2200. GM 2000-2030, 2200-2230, 0130-0200, 0400-0430. FR 2100-2130, 2330-0000, 0330-0400. IT 2300-2330. PT 0000-0030, 0200-0230 (Gabriel Iván Barrera, RAE DK pgm 10/3)

LV19 R Malargüe, 6160.3, fair 14/2 *1000 w/ID, talk and mx to 1030/, while CKZN absent /

AUSTRIA ORF M83 xmsn sked: Eu 0500-2300 6000 HS Aldrans 10 kW TRO/ND. 0500-1900 6155 HQ. 0900-1000 9770 VER, 1200-1500 9770 VER. 1900-2300 5945 HQ, 2000-2200 9575 VER. SEEu 0900-1200 7170 LPH-160. SWEu 1300-1700 12015 LPH-240. Nam 0200-0400 5945 LPH-310. ENAm 2300-0200 5945 HR-310, 2300-0400 9770 RHO-303, 1200-1300 21615 HRS-295. WNA 0400-0600 9655 HR-

325 500 kW. Cam 0200-0400 11665 HR-275. ESAm 2100-2300 17880 HR-240. 2100-0200 15115 HRS -235 300 kW. Waf 1900-2100 15560 HR-205, SAF 1700-1900 21700 HR-170, 1900-2100 17770 RHO-175. Eaf 1700-1900 21630 LPH-155. Near East 0600-0900 15410 HRS-115, 1700-2000 15140 HRS-115. SAs/SEAs 1500-1700 21660 HRS-95, 1500-1700 17770 HR-95. SEAs/AuAs 0400-0600 17745 HRS-95, 0600-0700 21615 HR-95. AuAs 0700-0900 17740 HRS-265 long route, 1000-1200 17885 HR-85. 1000-1200 21490 HRS-85. EAs 1300-1500 15235 HR-50, 0700-0800 21575 HR-50. Power is 100 kW from Moosbrunn u.o.s. ND=omnidirectional, TR0=tropical antenna, VER=vertical cage, HQ=horizontal quadrant, LPH=logperiodic horizontal, RHO=rhombus[sic], HR=curtain turnable, HRS=curtain slewing (ORF 9/2) & number following antenna type is azimuth (gh)

BANGLADESH Since early November Dhaka is silent on 3240 and not hrd on other HS channels, 9580 7220 6145 and 4890. Prior to their gradual departure from SW, they used 3 xmtrs--a 7½ kW, 10 kW and a 100 kW for the home service. The last two also used for ES. These xmtrs are reported to be pretty old, especially the 7½ which was used on 9580 0600-1000 was constantly drifting. Perhaps these are being repaired or dropped from HS to be used only for ES. MW xmtrs are providing improved HS reception. ES EG xmsn 1230-1300 on 15280v is hrd w/faint sig always subject to QRM from adjacent Peking and nearby jammers. They are also announcing 17800 but no trace of them. This may also apply to other lang segments. Probably they now possess only a solitary xmtr in good shape. Poor Bangladeshi engineers who are striving hard against tremendous odds! You DXers could certainly boost their morale. Write to the Director of External Services, R Bangladesh, P O Box 2204, Dhaka or to the Research Engineer, Directorate General Radio Bangladesh, House No. 36, Road No. 3, Dhanmondi R/A, Dhaka-5. Later: HS of Dhaka once again hrd on 4890 *0030, sked to 0305, 100 kW; also used for ES. So the HS on SW is restricted to the mornings (Sarath Weerakoon, Sri Lanka, UADX)

BOLIVIA R Nacional Cochabamba, 5974v, hrd Sat 19/2 w/SP DX pgm 1012-1028, including DX tips, 1030 many ads & Bol mx; VG sig, but drifted down 5974.6 -.2. R 21 de Diciembre, 6081.5, hrd again 19/2 from 1030 w/ID, ads & Bol mx, low mod; *1010v (Ernie Behr, Ont)

R Illimani, 4945, booming in several AMs way over Neiva; hrd Sun 13/2 w/relig pgm in lang 1045-1100, then SP ID "LV de Bolivia", SIO 453 (John M Wilkins, Wheat Ridge CO)
A few loggings from the Swedish weekly SWB: R San Miguel, 3310.3, at 2330; R Movima 3/2 2300 on 4473; R Mamoré on 4740 28/1 & 4/2 & 15/2 at 2250; 48657 R Paitití 4865, China QRM, 4/2 & 6/2 at 2245; Nueva R Cobiya, 4855.8 at 2250; R Ánimas, Potosí, 4991.2, at 2315 28/1, 5/2, 7/2 (Play-DX 7/3)
Nueva R Cobiya, 4855.8, "LV del Norte Boliviano" hrd in Sweden 2230 (SWB via Feb DSWCI).
R Cuarto Centenario, Tupiza, back on nom 5030 (ex WRTH listing 5020), hrd 0200 & 0500 (Gordon Darling, UKOGBANI, via AWR DX 9/1 via Feb DSWCI)

BRAZIL R Copacabana, 5016, first time hrd 23/2 0028-0045 w/relig pgm; 0046 ID & fqs as 680 & 5015; then piano mx; utc QRM, best on USB, SIO 222 but deteriorating and unreadable by 0100 (John M Wilkins, CO) R Dragão do Mar, 4925, in PT w/Braz pops, M anc, singing jingles 0105-0235 3/3; 0235 phone talk abt cultural event, 0248 more pops and off abruptly 0259 in mid-song; 343 on USB (Wilkins)

R Aparecida keeps drifting up slowly; 19/2 was on 11853, 3/3 on 11854, s/off around 0300. R Tamóio (?), 15370 from 0330 Braz mx & PT amnt to 0435* 5/3; other days to 0300* w, weak but ID sounded like Tamóio, not Tupi, which was here in Jan 79 (Ernie Behr, Ont, 10/3)
Brazil is still listed in WRTH as changing to summer time every year. This is not the case and has not been for some years (Finn Krone, AWR DX 23/1 via DSWCI Feb)

R Marajoara, 4955, hrd 21/2 & 22/2 2345-0100* abruptly off, F-G. WRTH has wrong addr, giving that of Cultura do Campos which is no longer on 4955. Correct addr is Avenida André Sert 134, Ibiopora 86200, Pará (Giuseppe Zella & Dario Monferini, Play-DX, Italy, 28/2)

R Globo, Rio, 11805, report with cassette sent to Rua do Russel 434, Rio de Janeiro 22210, was returned tho this is the addr in WRTH 83, so what is the correct addr? (Pierre These, Paris, France, Play-DX, Italy, 7/3)

CAMBODIA New times obs for VOPK FS pgms--FR *1130-1200, EG 1200-1230; both previously in 1200-1230 period. Unknown if coinciding w/recent meeting of Indo-Chinese nations (Craig Seager, RA JP DX 13/3) No fqs given, presumably usual 9694v & 11938v (gh) Seems I recall temporary previous expansions like this (gh)

CAPE VERDE Emissora Oficial da República de Cabo Verde hrd here 17/2 *0735-0858* on 7154. Weak at start but soon gained strength (perhaps caused by turning on xmtr cold?) until all co-channel QRM from BBC 7150 was gone. Natl mx 0800 opening w/gongs, ID, TC, and rising-descending interlude. Back to mx 0804 w/long amnts set to mx between each selection--what the heck are all those amnts for? Pulled plug at 0858 in midtune; SIO 454 (Nolan Stephany, Williamson NY)

CHINA R Beijing hrd daily on 5030 w/1200 & 1300 EG xmsns mixing w/Sarawak, e.g. 28/2 (John Wilkins, Wheatridge CO) Probably feeder for SEAs svc tho // NAM svc 1200 15520 (gh)

Strong Chinese stn noted on 6095 since 17/2; CH talk & mx 1000-1400/, 6 pips on the hour last one high; ID anyone? Diff CH pgm on 6058v from 1200, weak 10/3; ID? (Behr, 10/3)
Inner Mongolian PBS, Hohhot, hrd 2130 9/2 in Mong on 4525 // 6974 (WBI 17/2)

Central PMS, Peking (Zhong-yang ren-min guang-bo dian-tai), First pgm (Di-yi tao jie-mu), at 2000-1735 exc Tues 2000-0600 & 0855-1735 [these are the times on Tues it is on, not off] mainly in Std Chinese but some segments in minority langs, and EG lessons; on numerous MW channels + SW: 2000-2100 7935 7525 7516 7440 7335 7095 6750 6665 6493 6225 6110 5915 5860 6320. 2100-2340 9080 9064 7935 7925 7516 7440 7335 7095 6750 6665 6493 6225 6110 5915 5860 5320 4905 4460. 2340-0200 11610 11290 10245 9080 9064 7440 7335 7095 6750 6665 6493 6225 6110 5915 5860 5320 4905 4460. 0200-0400 17605 15590 15510 11290 9064 6665. & same thru 1000. 1000-1100 15590 15510 11610 11290 10245 9064 6665 5860 5320. 1100-1200 15590 15510 11785 11735 11610 11290 10245 9800 9064 7516 7440 7335 7095 6750 6665 6225 6110 5860 6320. 1200-1400 11785 11735 11290 9800 9080 9064 7935 7516 7440 7335 7095 6750 6665 6225 6110 5860 5320 4460. 1400-1735* 9800 9080 9064 7935 7525 7516 7440 7335 7095 6750 6665 6493 6225. 6110 5860 5320 4905 4460 3660 3220. EG lessons: 0000-0030 Su Mon Wed Fri. 0500-0530 Mon. 1430-1500 Mon Wed Fri. (WBI 3/3)

Second Pgm (Di-er tao jie-mu) at 2100-1600 (except Wed & Fri 2100-0600 & 0955-1600) in Std CH exc minority lang segments and EG les. (11040 is not used 0510-0900 apx on Tues): 2100-2400 9020 8320 8007 7770 7190 6890 6200 5990 5880 5163 5075 4250 3290. 0000-0330 on 15540 12200 11505 9020 7770 6200 5075. 0330-0730 15540 15030 12200 11505 11040 9020 7770 5075. 0730-0955 15540 15030 12200 11575 11505 11040 10260 9775 9670 9020 8320 7770 5075. 0955-1100 15540 15030 12200 11575 10260 9775 9670 9020 8320 7770 6890 6200 5075. 1100-1300 15030 12200 11575 10260 9775 9670 9020 8320 7770 7190 6890 5075 4250. 1300-1400 11575 9020 8320 8007 7770 7190 6890 6200 5880 5163 5075 4250 3290. 1400-1600* 9020 8320 8007 7770 7190 6890 6200 5990 5880 5163 5075 4250 3290. EG lessons: 2200-2230 Tue Thu Sat, 0730-0800 [daily apparently] (WBI 3/3)

BCs for Natl Minorities (from Peking): 0030-0125 Uighur 15670 11375 5800 4735 3990. 0130-0225 Kazakh 15670 11375. 0400-0455 Korean 8566 6430. 0500-0555 Mongolian 8566 6974 6430 4010 1458. 1000-1055 Korean 6430 4190 1206. 1100-1155 Tibetan 15670 11675 7110 6035 5995. 1200-1255 Mongolian 7035 4190. 1300-1355 Uighur 8566 6750 5800 4735 3990. 1400-1455 Kazakh 8566 7035 5440 4970. 2130-2225 Korean 5145 4190. 2230-2325 Mongolian 6080 5145 4190. 2330-2425 Tibetan 15670 9900 (WBI 3/3)

COLOMBIA Bogotá nxpaper El Tiempo reported 3/2 that per new decree on admn contracting, all concessions for radio and tv services'd in future be put up for public bidding. The new policy'd put an end to system of direct contracting which'd resulted in proliferation of stns thruout country, w/out taking into acct whether they were really necessary. It'd also end arbitrary authorization of nxcasts and tv opinion pgms by govt offls. When there was bidding for a new radio stn in one of the municipalities of the country, if parties were on an equal footing, those who were not holders of previous concessions in the same region'd be given preference. In radio contracts, govt'd reserve at least two hours a day for educa_tional pgms (WBI 17/2)

COOK ISLANDS RCI, 11760 7/3 0825-0905*, M ancw w/all-EG pgming, no Maori, EG pops/oldies such as "Ruby" by Kenny Rogers, "Long and Winding Rd" by Beatles. Full ID 0859 giving this as only SW fq; s/off 0905 after island tune. Haven't hrd this one in a while, and first time noted all-EG; fair (Chris Lobdell, Stoneham MA)

CUBA For M83 RHC regi_stered many new and untried fqs, incl some in 13mb, which if used, would be a first for this stn. Tentative registrations include: 21740 1100-1700 50 kW Sam. 21620 2200-0600 50 kW Sam; 21600 1100-1700 & 2200-0600 100 kW Sam. 21500 1100-2200 50 kW Sam; 21455 2200-0300 50 kW Sam. 15175 1900-2200 100 kW Eu. 15285 1000-1100 100 kW Sam; 15360 0900-1000 50 kW Sam; 15425 1100-1700 50 kW Nam; 1700-2200 50 kW Eu/af. 11800 1200-0600 100 kW Nam (ITU THFBS via Bob Padula, Mar ADXN) Well, 11800 came true... (gh)

RHC SP nx at 2000 on new out-of-band 17690 10/3, also Arabic 2040-2140; appeared to be direct from Cuba (Richard E Wood, Abha, Sa'udi Arabia)

CHILE Another DX pgm now from Chile, by R Universidad de Concepción, Sats after 1200 on 580 and 6135, 10 kW. "Dixismo al Día," edited by Agrupación DX Concepción, all in SP, first pgm bc 11/12/82; contributions welcome to: ADXC, Casilla 36-A, Concepción (Gabriel Iván, Barrera, Argentina, 16/2)

ECUADOR QSL letter from R Cultural Antena Libre sez "Soon we are installing a new xmtr de 10,000 vatios to improve our service". V/s Luis E. Velasco León, Gerente, dated 10/2 (Wilkins, CO) Speaking of 3240 kHz?

R Bahaf, 4996, 25/2 0348-0400*, SP, full ID, fqs given, flute mx interlude, HC anthem 0352, calliope IS, one time pip at 0400 and s/off (Chris Lobdell, Stoneham MA)

Rdif, Tarqui, 4981v, Quito, F-P in late Feb 1045 or *1100-1200; 1100 nx, 1130 sport nx, fq given as 4972 (Otani, Maeda, Oka, Sakai, Otani, Inoue, Aoi, Sasaki, R Nuevo Mundo, Japan)

The unID frequently hrd on 6083.3 is a spur from HCJB 6050, per SWB Sweden (Play-DX 21/2)

Relay of R Nacional de Ecuador DS, normally on 640 kHz MW, obs on 15115 2155-0030; nx headlines in SP 2200 & 2233; one-hour nx mag "En la Noticia" 2300-2400. Incl natl nx, and summary in Quechua & SP, Intl nx, nx of UN, Intl commentary. Believed to be from HCJB xmtr. Ends w/30-min pgm for Ecs abroad (WBI 24/2)

EGYPT R Cairo noted on 15085.5 (!) in FR 2030-2200 to Af // 15335.5. Heterodynes Iran on 15084. Nx 2100-2110. Not // FR Eu 9805 which is now 2000-2115, then EG; 10/3 (Wood, Saudi)

EL SALVADOR Recent verie letter says "within a few days we will be xmtng on SW in the 31, 41 and 49 mbs in SP & EG". Letter dated 27/1, rxd 10/2; QSLs 655 kHz MW; v/s Carlos Alber to Meléndez, Director. Not hrd here, anyone else hrd 'em? (John M Wilkins, Wheat Ridge CO)

R Venceremos reported that for 30 mins on 4/2 their militia'd taken over R Chalatenango and bc a msg to their people (WBI 17/2)

EQUATORIAL GUINEA R Nacional, 5004 kHz, best ever here 8/2, SIO 353 on USB; hi-life mx to 0549 SP ID; into vernacular anmts, local items; 0601 ID "Están Uda, sintonizando a la estación continental de Radio Nacional desde Bata"; then and they were signing off "a petición de la Central Eléctrica de Bata", apparently to conserve electricity. Ancd 4926 kHz but no ment of 5004 (John M Wilkins, CO)

FAKLAND ISLANDS FIBS, 3958, noted since mid-Feb from *0900 by Tony Marr of Wellington. My first try 18/2 found them at word-perfect level, second only to Vanuatu on 75m band. Full ID w/SW & FM fqs followed by BBC WS News and Press Review. 0915 wx forecast & local anmts, then breakfast mx. Clear till Beijing 3960 *0930. Loggable till 0955. Fab! FIBS carrier all night? Noted here 0649 (Bryan Clark, Auckland NZ, 19/2)

FIBS now being hrd at excellent level every evening. After decades of silence, broken only by emergency xmsns during the Arg invasion almost 12 months ago, this hard to hear stn has become an easy logging. Carrier hrd from as early as 0600; full ID at 0859 s/on mentions 96.5 FM too. 0915+ mx pgm has pro-sounding DJs and latest in British pop mx. Fqt anmts abt island activities; apologised for inconvenience caused by RAF and British Army exercises at Port Stanley Airfield. Pgms are designed to entertain Brit forces as well as local residents. It is expected the stn could begin signing on at 0959 GMT once the Falklands return to std time next month. Veteran DXers have long maintained the only reason Falklands not hrd in NZ was unfavourable xmsn time. With new mid-eve time slot coinciding w/peak 5am reception, this has been proved correct as even the novice DXer now has an excellent chance of hearing the previously most elusive of exotic stns (Feb-Mar NZ DX Times)

John Fisher, Medicine Hat Alta, says he was first alerted by Nigel Pimblett who reported FIBS on 3958 at 0900. John has heard them several times/day since and with quite good signals if no hams are nearby. Thu 25/2 they werelrd at *0900 w/short burst of anthem mx, then BBC nx and press review, into early morning mx show w/GMT-3 TCs; peak 0915-0920, calculated as local sunrise, generally faded by 0940. Hrd here 28/2 *0900 on 3958, best in USB, seems like RCUSB signal. Also Mon 1/3 but poor, much better 2/3. Local ancr may be named Charlie; Mon had slow EZL mx, Tues R&B, rock; lots of time checks (Don Moman, Edmonton Alta & CIDX)

FIBS hrd 9/3, 10/3, 12/3 at *0859-1020/v on 3958 USB (+ carrier, which may be audible hours prior). There's a ham QRM window apx 0900-1000 weekdays, which is also Stanley dawn period. WRTH implies 1/4 move to GMT -4, so FIBS might *1000. Nam summer time will move QRM window to 0800-0900. FIBS DJ's joke: "Falkland Islands International Broadcasting Station." He was surprised by calls and letters from New Zealand, and a call from Carl [sic] Young near Los Angeles, who impressed the DJ by detailing the FIBS playlist (DJ IDs all tunes by title and "artist"). DJ implied that norm had been 3958 morns, 2370 afternoons, but said 3958 now replaces 2370 during 1930-2100 to aid reception in west islands, with 23-70 after. Phrasing implied *1930, yet I hrd a promo for a 1515 pgm (1215 Stanley). On 12/3 FIBS did so well at times amid the wkend [sic--weakened or weekend?] ENAm hams that it was armchair copy for a non-SWL visitor here. AM was usable during +10 dB peaks on an R-1000 with 70' wire antenna. "FIIBS" isn't the catch that FIBS was. Much thanks to the NZ tipster and GH on SWLD. 14/3, s/on QRMed, but had rock, not BBC nx 0900-0914, then "sorry for the nx problem." 12/3 was really something--Id say SIO 333, fair thru much of the first hour. I happened to have my rx tuned pretty closely when they *0859:20 or so, got a beautiful tape. 14/3 also had a pgm promo for BFBS-UK, sked as 1515-1715. Must not be much of a gap between morn and aftnoon bcs. Another BFBS pgm promo--a weekly C&W mx show "half past 4 this afternoon"--1930 GMT. I think in Stanley time when I listen to them with all the TCs. 1002, definitely Charlie, maybe Wellington, aviation sked; held up until a late 1028 (Rick Lucas, Stockton CA)

VG Sat 12/3 0900 on 3958, and test tone earlier; taped a lot and sent them a report. Not so good on 14/3 (Jim Conrad, IA)

FIBS, 14/3 on 3958, Hit Parade Show 0917, top 40, British hits, counting them down; 0921 TC, "Good Monday morning", ID as FIBS. SINPO now 33323. 0925 a tape of greetings to various people in the FI. 0941 time as 19 til 7 and song #15 from hit list. DJ had a very heavy British accent. F/out 1025. I can't believe it, even with the ID on tape! Again 15/3, 0859-1002. 0859 s/on, ID, into TC and BBC nx, 0915 wx for various FI cities, Top 40 Brit & US mx w/a few CW selections. 0924, greetings, 0954 ID, 1001 joining BBC nx [none on BBC WS live then -gh], spot for local rock group; SIO 222. This stn does seem to have loud modulation, so when it's in, you know it. Better on 14/3. I'm using an FRG-7700, FRT-7700 antenna tuner, and 25' of wire inside the apartment (Artie Bigley, San Antonio TX)

15/3 I taped 3958 0859-0930 and there it was, tho readability impossible due to atmospheric; definitely went from BBC relay to local sound at 0915; peaked 0925 w/mx (gh)

FIBS 12/3 0900 on 3958, weak w/BBC relay, pop mx, ham QRM, 1000/ (Christos Rigas, IL)
James Young called the stn and found out the power is now 3.5 kW on both fqs, 1930-1030
on 2370, 0900-1730 on 3958, just one xmtr. Time change to UTC-4 expected but uncertain
whether will be at end of March, or May 1 (RNMN 17/3) No luck on 16/3 or 17/3 (gh)

FINLAND R Finland on 17800 ex-21475 EG to NAM Mon-Sat 1200-1225 & 1500-1525; Sun 1330-1355
[sic, should be to 1525 Sun], effective until 26/3 (ADKN) And thence one hour earlier //15400

GABON [Cf Mar LN-15] RFI on 9790 must be Gabon relay, vy strong daily 1800- 2130*, since
18/1, ex-15435; also from 2200 (Ernie Behr, Ont) RFI via Moyabi D82 1800-2130 was on 15415
& 7170 (RFI via ADKN) Moyabi also used by V of the Gospel on 11815 *1725-1800* in Af langs.
Theme mx is still the familiar "Elizabethan Serenade" used by R V of the Gospel when it
used to bc from Ethiopia until closed down in 1977 (Yoshiaki Hayashi, Japan, JADK via ADKN)

GERMANY WEST DW M83 EG to NAM: 0100-0150 6040 6085 6145 9545 9565 9590 11865 15105; 0500-
0550 5960 9545 9690 11705 11905 (DW March Programm)

GHANA [Cf March LN] GBC-1 fqs are 4915 & 3350 mornings and evenings, 5990 & 4915 daytimes.
GBC-2 4980 & 3366 morn & eve, 7295 & 4980 day, but 4980 not confirmed (WBI 17/2)

GREECE Athens on new 15128 apx ex-15050, vy strong 0300, 15/2 hitting Moscow 15130; // 9865
& 12045 (Matthew Francis, ADKN)

INDIA Since Aizawal began being on SW, I've been motivated to find out why a SW xmtr was
installed at a period when AIR was aiming to expand MW net thruout country. Union Territory
of Mizoram is one of most inaccessible and isolated part in NE India, comparatively unknown
to the rest of the country, but boast a higher literacy rate which is surpassed only by
Chandigorh, Kerala and Delhi. However, in Kerala alone there are 4 MW stns; some even
have addl facilities of commercial bcng. Obviously the Mizos were influenced by the
Christian missionaries during British rule. They developed the Mizo language introducing
the roman script. For years, Mizos, who are reported to have migrated from N Burma have
been agitating for greater autonomy. Sensing the urgent need, the central govt could not
ignore the claims of Mizo people. They were forced to provide better facilities especially
bcng covering entire region of Mizoram (Sarah Weerakoon, Sri Lanka, UADK Jan)

AIR ES in EG: 1000-1100 21695 17875 17705 17387 15320 15285. 1330-1500 15335 18110.
1745-1945: 15265 from 1800, 11830 from 1800, 11620 not 1830-1845, 9665 from 1845, 9595 to
1830. 1945-2045: 15265 to 2000, 11830 to 2000, 9912 from 2000; 11865 11620 9755 9665.
2045-2230 15110 11755 11620 9912 9665. 2245-0115 17805 15330 15110 11895 11765 9605 7215
(WBI 17/2 per AIR)

IRAQ Baghdad Farsi noted daytimes, around 1000-1500 on 7180 and 9585, the latter sometimes
jammed, sometimes not, 4/3 (Richard E Wood, Abha, Sa'udi Arabia)

ISRAEL Kol Israel in EG M83: 0000, 0100, 0200 to NAM 11655 9815 7410. 0500 on 15105 11637
9815 9440. UK & Eu: 0500 15105 11637 9815 9440. 1200 21760 21625 17630 15585. 2000 15585
13745 11655 9815. 2230 15581 [sic] 13745 11655 9815. SAF 2000 17685 9009. ANZ/SEAs 0500
21710 9440; 1200 15605 (IBA) They refer to 13745 as being in the "21 metre band" (gh)

Ha'aretz reported 8/2 that IBA had decided to extend Net-B to 24h a day within a month.
Extension'd been approved for 6 months, after which assessment of profitability'd be made.
Nature of the extended bcs'd not yet been decided (WBI 17/2) More Hebrew, more jamming

ITALY R Nord Garfagnana, 6300, is searching for a new fq in 6100/6200 range (Play-DX 21/2)
R Milano Intl on 21/2 on new 6181.5 ex-6221, from 1430. Forced by local police radio control
& Roma radio PTT to let free 6221 cause claimed to be channel for utility service in
Italy. RMI is interested to rx reports on 6181.5 new fq. Tnx to all (Claudio Dondi, Giuseppe
Zella, Dario Monferini, Play-DX 28/2) Intl Svc of R M I officially started 5/3 2200 on
1301 & 7215 kHz replacing 6221& 6181. Power 1 kW on both fqs. Stn has World Music Radio
pgms 2200-0600, and own "101 Stereo" pgms the remaining hours, being on 24h. Reports are
welcomed and 2 IRCs requested for a reply: Via Locatelli 6, 20124 Milan (Play-DX 7/3)

World Music Radio, P O Box 4078, Amsterdam, Holland has been sending out a 2-page info
sheet on stn history and current plans; hopes to get financial support from people joining
the WMR Club, @ 15 Dutch florins until end of 1983. Also selling WMR T-shirts (M/L/XL),
for 20 fl in Europe, US\$12 elsewhere (15 fl, US\$9 for members), plus postage & packing:
5 Dfl/US\$4 extra per shirt (outside Europe by air), by cash, separate money order, or transfer
to Neth Postgiro acct 1604050 in name of F van der Zouw, WMR Treasurer (via Eric Falkenhan,
Baltimore MD, and Cpt James C Clifford, APO NY 09178, who says he got the mailer
from WMR, Box 39, St Leonards-on-Sea TN38 OEL, presumably England)

JAPAN R Japan M83 EG as amended 4/4: ME&NAf 2015-2045 11705 9585. NAM 2345-0045 17825 &
15300. 0130-0230 N&LA&Haw 21640 21610 17825 15195. EU 0800-0830 21610 17870. Eu 1830-
1900 11705 9585. 0845-0945 A&NZ 15235 11875. 1215-1245 SEAs 15235 11875. SAs&af 1615-
1645 15235 11840. Note new time for A&NZ, ex 1000 (NHK)

JORDAN Amman AR nx 1200 noted on 9529 & 11923.5; do not confuse the latter w/Omdurman, Sudan, also believed to be on nominal 11925, but noted around 11928 to 2200*v, 4/3 (Wood SA)

KENYA Domestic services: Nairobi: V of Kenya Natl svc in Swahili: 0300(Sun 0330)-0620 & 1330-2010(Sat/Sun 2110) on 4915 & 4885; 0620-1330 on 7140. General Svc in EG: 0300(Sun 0330)-0620 & 1325-2010(Sat/Sun 2110) on 4804. 0900-1100 & 1259-1325 7125 Mon-Fri. Sat & Sun also 0620-0900 & 1100-1259 on 7125. Vernacular svc (not on Sun or holidays): Nairobi Central Svc 0900-1045 & 1430-1900 on 7150 in Kikuyu, Kikamba, Kimeru, Masai, Hindi.. East-ern & Mombasa Svc 0330-0630 on 4934 in Somali, Swahili, Turkana; 0630-1230 in Rendille, Turkana, Burji, Boran, Swahili, Somali; 1230-2010 in Boran, Swahili, Burji, Somali, Rendille, Turkana (VOK via WBI 3/3)

KOREA NORTH Pyongyang DS, KCBS (Choson Chungang Pangsong Innida): 2000-1800 on 11340 9665 2850 and on 6600 at 2000-0830 & 1530-1800 from Central xmtrs; regional xmtrs [presumably thruout] on 4274 3031 2776 2766 2746 2696 2670 2300; the latter regional stns normally break away for local pgms at 0500-0557 & 1100-1129: Chongjin, N Hamgyong Provincial Svc on 2696; Hamhung, S Hamgyong P S on 2776. Hyesan, Yanggang P S on 2300. Kanggye, Chagong P S on 4274. Pyongsong, S Pyongan P S on 2766. Sariwon, N Hwanghae P S on 2670. Sinuiju, N Pyonyang P S on 2746. Wonsan, Kangwong P S on 3031. This list may not be complete (WBI 10/3) R Pyonyang noted on split fq 9838 in Korean for overseas at 1000, also on 9977 9745 9700 11830 11880 (Craig Seager, RA JP DX Time 13/3)

LEBANON V of Hope ancd AR'd be extended to 1000-1500 on 15/2; nx 1000, 1100, 1400. EG'd continue 0400-1000 (w/AR nx 0600) & 1700-2310. Hrd on 6215 as "King of Hope", 1593, 945 (WBI 17/2) R Lebanon, Beirut, ES: 1830-1900 EG, 1900-2000 AR, 2000-2030 FR WAF 11705. 2300-2330 FT, 2330-0030 AR, 0030-0100 SP SAm 11810. 0130-0200 FR, 0200-0230 AR, 0230-0300 EG, 0300-0330 SP NAm 9545 (WBI 24/2)

LIBERIA ELBC, the Liberian BC System (LBS) ancd 14/2 that it could now be hrd in all parts of Liberia on a regular basis. Dir Gen said nationwide service was result of gradual assimilation of technology and hard work since the establishment of ELBC in 1960. With some technical adjustment of its 50 kW SW xmtrs, ELBC now operated from morn until midnight on SW. Daytime, 6090; night, 3255. Before present service, ELBC xmtd nationwide & worldwide only in morning and at night. LBS management says reception reports rxd from UK, Finland, Germany, the USA, Japan, Ethiopia, S Korea and a number of other countries. LBS management said emphasis had been placed on local pgming (WBI 17/2)

MALAYSIA For M83, WOM, KL 500 kW xmtrs registered w/ITU: 15295 0615-1000 & 1030-1230 Au; 1530-1830 ME; 17725 1730-2030 Eu. This suggests that a 2nd 500 kW xmtr is being prepared for the ES (Bob Padula, ADKN)

MALTA [Cf Mar LN] R Mediterranean sked also shows SW1 at 1000-1035 & 1400-1800, SW2 at 0600-0800, but no fqs given or langs. I tuned in to 9555 at 0600 Sun, but there was no AVR pgm as ancd on World of Radio [source: ADKN]. Instead there was an IBRA Radio pgm in Ukrainian, with EG ID at opening, then NA of Malta. This is the way they ID block pgms. When pgm is simply a relay over another stn they say "This is IBRA Radio broadcasting over R Mediterranean (or R Trans Europe), Malta (or Portugal)", and in this case they said "This is IBRA Radio broadcasting from Malta." (Nolan Stephany, Williamson NY)

MAURITANIA On 9/2 only, R Mauritania was on 4832, 2345-2400*, E[cellent] (RPA, Play-DX)

MEXICO Tho licensed for 24h on 5980, 500-watt XEJ, Linares NL, operates roughly 1400-2400 and is always hrd here on Sunday morns w/religious transcription pgming on 5982. IDs on quarter hour w/fanfare. They have QSL printed and must have expected to do better by now with cultural pgming. Ancr is Elizabeth Gonzales, Dir-Gen is Marcelo Becerra Gonzalez who says they've had reports from Cuba and São Paulo. QSL card bears slogan R Exterior de México; addr Apartado Postal 62 (Ralph W Perry, R Nuevo Mundo, Japan)

MONACO TWR lists new pgm for Israel in EG, Wed & Thu only, 0530-0545 on 11760 500 kW (ADKN)

MONTERRAT There are plans for a commercial SW stn, R Earth International. Subject to finance, could be on air by June 1983; 'd beam pgms to Caribbean and then worldwide. Permission already rxd from govt for construction. Invites suggestions from listeners on desirable pgm style and content from a comml subcr. Addr: R Earth Intl, 1724 Sherman Ave, Evanston IL 60201 (Media Network via Mick Ogrizek, ADKN) My impression was that it'd be on the air first by buying time on existing stns such as R Clarín (gh)

MOROCCO R Mediterrané [sic], Tanger, hrd on new 15500 since 7/3; 1800-2057*v, AR/FR ads, pop mx, 1930 FR nx, 2030 AR nx; powerhouse sig sounds like 250-500 kW; could this be a new xmtr at Nador? (Ernie Behr, Ont) R Mediterranean Intl, AR & FR-lang comml stn w/studios in Tangiers, now hrd on SW in addn to MW & LW 1233, 612, 173 kHz. "Méd-1" (as ancd in FR) is hrd: 0600-0900 5950, 0900-1200 7175, 1200-1500 9520, 1500-1800 11715, 1800-2100 12520,

2100-2400 17730. On 8/3, Médi-Un obs on two SW fqs--7250 // 7175; 11825 // 11715; 15500 // 15250; 17975 // 17730. Present xmsns thot to be tests, liable to change (WBI 10/3) I may have hrd it on 15250, but not on 15500, 17730 or 17975 the day I checked (gh)

MOZAMBIQUE R M PT nx 0600 on 15305.9 11/3 (Richard E Wood, Saudi Arabia)

NEPAL AFP reported that two 100 kW MW xmtrs, built w/Japanese aid and installed in Kathmandu and in the Pokhara valley (225 km W Kath) went on the air for testing 22/2 (WBI 3/3)

NEW ZEALAND The Board of RNZ have decided to continue the SW svc after 31/3/83, and it will therefore not close down (Tony King, Manners NZ, 7/3) Both 9620 and 11960 to 1215*V are blocked by IAm stns--two of them on 11960; try late evenings on 15485, 17705 (gh)

NORWAY Any fq alterations made during mid-season will be effected on the 20th of the month and will be ancd over the air in advance (NRK via ADXN)

OMAN R Oman, Muscat DS in AR: 0200-0600 9510, 0600-0900 9735, EG 0900-1100 9735, 1100-1500 9735, 1500-1800 9655, 1800-2125 9510; also on MW, VHF and 11890 thruout. Xmsn break at 0815-0900 except Fri (WBI 3/3)

PAKISTAN Karachi hrd from *1400 on 4780v instead of usual 4813v (Sarath Weerakoon, Sri Lanka, via ADXN Mar) R Pakistan, slowspeed EG nx 0230 on 21785, G (Jack Searle, NZDXT)

PERU Stn in Iquitos, Loreto hrd on new 5060 since 7/3; 1050 Andean mx, 1100 ads & local nx by wild ancr; didn't get ID due to heavy QRN (Ernie Behr, Ont) Is R Amazonas, ex-4815, 7/3 0928-1030, Andean huayño, campo mx, flutes, local events, messages; ID around 1000, G level w/peak 0945-1020 (Chris Lobdell, MA)

R América strong but totally distorted on 5941v, hrd 5/3 1110 nx & ID; 1/3 was on 5943. On 5949.3 apparently another Peruvian, 5/3 1100 fast talk in SP, but too weak to ID; R Arequipa? (Ernie Behr, Ont)

R Tarma, 4775 says SW sked is 1100-1400 & 2000-0500, call OCK4E whilst MW is OCK4J, MW is continuous 1100-0500. SW xmtr is a 'Koley' 400C w/1 kW from dipole suspended at height of 15m between 2 towers. MW 1510 runs 3 kW from 48m tower w/200 W backup for emergencies. On 25/4/83 they'll celebrate 25 years of bcing (Geoff Cosier, Australia, R Nuevo Mundo, Japan) No, on 17/4 (R Tarma via Claudio Dondi, Parma, Italy, Play-DK)

R Esmeralda, Huanta, 3800 /1000-1130/, G, daily in Feb, huayño mx to 1100, anmt in vern & SP, "Esta es R Esmeralda de Huanta desde Ayacucho (Sasaki, RNM) Mostly in Quechua on 3800 16/2, 25/2, 26/2, F-P 1119-1130, sometimes ID w/TC "R Huanta de Huanta" but no "R Esmeralda" ID (T Inoue, RNM)

R Huanta de Junín, Huanta, 4755, 0940-1200 in Feb daily, F, in SP & QC, exact sked unk; full ID 1100v w/ 4755 & 1190 fqs (T Inoue, RNM) First hrd here 29/1, 0950-1130/, folk mx, no ads but many PSAs. Right on fq unlike R Em Bolivia which is on 4755.8 when hrd (Geoff Cosier, Australia, RNM)

R Onda Imperial, 5055, Cusco, 25/2 p at 1055-1106; ID 1057 w/FM 104 MHz (Hirata, RNM)
R Pampas, Tayacaya, is stn on 4854.5 previously unID, hrd 1/2 2300-2359 (PIC, Play-DK)

POLAND Relays of PR DS on SW M83: 6035 1330-1800, 0300-0530. 7180 0430-1530. 9570 1200-1600 & 0330-0700. 9755 0430-1800. 60 kW (ITU via ADXN)

PORTUGAL R Renascença, Lisboa, xmtrs at Muge, listed for M83: 11730 2330-0130, 9645 0130-0330, 9680 1800-2000(& weekends 1500-1800), 9560 0945-1130 weekends (ITU THFBS via ADXN Mar)

QATAR Doha registered M83: 0245-0700 15395, 0700-1300 21525, 1300-1730 21660, 1730-2130 on 15225, all w/250 kW. On 9570 0245-2130 100 kW (ITU THFBS via Mar ADXN) 21660 = BBC!

SAIFAN As at 16/1, KYOI sked 1600-2200 9670, 2200-0100 15405, 0100-0900 15190, 0900-1600 11900. Most fqs VG here in Tasmania (Matthew Francis, UADX) Only change was 1600 switch instead of 1500 (gh) Tentative M83: 15415 0100-0700, 15390 0700-0900, 11900 0900-1500, 9670 1500-2200, 15190 2200-0100 (ITU via ADXN Mar)

SAUDI ARABIA Holy Koran Radio from Mecca now obs 0500-0700 on 15335 & 11730, ex-17895 & 11685 (WBI 17/2)

SENEGAL R Dakar reactivated in FR, verns, 4888.6 from 25/2 2100-0100*, *0600-0635; all nite 28/2 w/lexion spl (everybody in Play-DK, Italy) R Sénégal, 4890, nitely since 2/3 w/SIO 333 sigs; 4/3 Qur'an pgm to 0625, then vern talks to 0805*, except for FR nx 0700 & 0753. Starts deteriorating around 0800; s/off either w/NA 3/3, or drum IS 4/3 (John Wilkins, CO) R Sénégal--Dakar, 4890, 6/3 *0657 [Sun]-0715, IS (Stringed), instl anthem, FR ID, TC w/pip, FR nx (Chris Lobdell, Stoneham MA)

SINGAPORE R Sing EG svc now hrd 2200-1605 on 6120 in addn to 11940 5052 5010 (WBI 17/2) Nx at 22, 23, 00, 03, 05, 07, 09, 10, 11, 13, 15, 16. Chinese svc 2200-1605 on 9635 6000;

Malay svc 2100-1605 on 7250 6155; Tamil 2200-1330, Chinese dialect 1330-1605 on 7170 (WBI 10/3)

SOMALIA R Mogadishu ancd 9/2 that ES pgms'd be hrd on 6095 ex-6790, confirmed (WBI 17/2)

SOUTH AFRICA R RSA EG to Eu/ME 2100-2157 ancd as on 11900 9585 5980 was in fact noted on 17745 15155 and 9585 only, 10/3 (Richard E Wood, Sa'udi Arabia) HUTA! (gh) Fq sked shows the latter plus 7270; other EG: 0200-0257 USA & Canada 11730 9615 5980; 0300-0427 E&C&SAF 9585 7270 5980 4990 3230. 0630-0730 W&E&SAf/UK/Ireland 17780 15220 11900 7270. 1100-1157 C&E&W Af/UK/Eire/ME 25790 21535 15220. 1300-1557 C&E&SAf/UK/Eire/ME 25790 15220 9585 (R RSA)

SUDAN Omdurman registered 11855 for M83 at 0400-2200 w/120 kW (ITU THFBS via ADXN Mar) But see JORDAN

SURINAM CANA reported from Paramaribo 16/2 that the offl Surinam News Agcy said military rulers'd allowed one private radio stn closed last Dec to re-open, no further details (WBI 3/3) I hrd somewhere it was the one on 914 kHz, and Apintie might be next (gh)

SWAZILAND The stn I've been hearing on 3339 is not Zanzibar, but actually TWR, drifted up from 3335; since returned to 3335 (Ron Hopkins, DX Ontario March) Around 0300-0400. TWR xmtr 1 is sked on 3335 M83: 0300-0315 Tshwa, 0315-0345 Shangaan, 0400-0430 German (gh)

SWEDEN RSI EG effective 27/3-1/5: 0230 NAm 9695 11705, 1100 9630 Eu, 21610 ANZ. 1230 on 15190 EAs, 21690 Af. 1400 21615 NAm, 21700 SAs. 1600 15435 SAs. 1830 1179 6065 Eu, 15240 Af. 2100 1179 Eu, 11955 ME, 15240 Af. 2300 1179 Eu, 11705 15270 NAm. Also on 17840 SSB at 0230. Rest of SSB sked: 0200-0230 & 2330-2400 Swedish ES on 17840; rest relay DS pgm I: 0530-0700 21550 800, 0700-0900 21550 110 Sat/Sun, 0900-1100 21555 110, 1100-1700 21555 170, 1700-1800 21645 250, 1830-2030 21645 250 (RSI)

TAHITI R Tahiti, 6135.4, strong 10/3 from 1100 FR, TT talk & mx 1230+; // 11825 also G, new sked? (Ernie Behr, Ont) 1230 GMT is 2:30 am in Tahiti... (gh)

TAIWAN VOFC EG 2030-2130 on 15224, not ancd 15225; //usual 9765 11860 and 17720 which was best, 1/3 (Richard E Wood, Sa'udi Arabia)

TIMOR RRI Dili, 3306 noted //2456, no sign of 3120 & 3986; this fq may be only used eve, to 1530*v following Jakarta nx relay, 21/2 (E H Pranoto, Indonesia, ADXN Mar)

TURKEY M83, VOT assigned many new outlets incl: 7225 0400-0900 Eu, 9625 1900-2200 Eu, 9660 1600-2200 Eu 500 kW, 9670 1500-2200 & 1000-1500 NAF, 11740 2200-0500 NAm 500 kW, 11820 1700-1800 & 0300-0400 ME, 11860 1000-1230 Eu, 11955 0900-1500 ME, 15125 0400-0900 & 1230-1400 ME & India, 15150 0900-1000 NAF, 15220 0400-1600 Eu/NAF 500 kW, 15435 0400-0900 & 1430-1500 Eu; 17760 2200-0400 Au 500 kW. Sked suggest there'll be at least two 500 kW xmtrs on air simultaneously. This data extracted from ITU THFBS (Bob Padula, ADXN)

VOT to Turks abroad now on 17885 0700-1800 apparently ex-15220 (WBI 17/2)
Milliyet nxpaper reported 20/2 that two new 500 kW xmtrs of TRT had begun test xmsns, missing ES output from 750 to 1750 kW. When at full capacity, VOT'd be able to bc 'more reliably and longer' to N&SAM and Au. Anatolia nx agcy reported Turk pres inaugurated the two new VOT xmtrs at Cakirlar near Ankara 26/2. TRT Dir Gen said at ceremony that present 48 [xmtr] hours [daily] in TK to Eu, Af, ME, Am, Au, as well as to "kinsmen" in Balkans & Asia and in 15 fornlngs amounting to 16 (xmtr) hours per day 'd be increased to 57 (xmtr) h and 23 (xmtr) h. Four new studios'd been built and two new 500 kW xmtrs installed. Xmtr hours'd increase from present 64 to 80 hpd, following tests and commissioning of new Turkish Electricity Board transformer. Maintenance arrangement permitting, efforts'd be made towards end of year to incr daily xmsns to 90 h. TRT Dir-Gen said xmtrs were Brown Boveri, installation started 12/81, provisional acceptance 3/2/83. Installation carried out entirely by TRT engrs & techs. Claimed each pgm is xmtd on a single fq but more redundancy needed so proposal for a complex of ten 500 kW xmtrs had been submitted to govt (WBI 3/3)

U S S R RM HS on 28280 w/full ID, IS 0700 QRMING hams; bearing shows Siberia (Arthur Cushman, NZDXT) May be 7th harmonic of 4040, used by Yerevan, Semipalatinsk, and Vladivostok (gh) R Baku now monitored w/ES in Persian 1100-1145 on 6135 6110 1296. At end of 1600-1500 ES in Persian, R Baku ancs next pgm is 0330 on 6135 6110 and 1296, indicating that the 1830-1915 Persian bc is discontinued (WBI 24/2) R Baku, hrd on 18330, 3 x 6110, local songs 1540, Turkish talks 23/12 (Vashek Kofinek, South Africa, DSWCI Feb) Expect EG from R Moscow NAm svc (but NOT RMNS pgms), R Kiev, R Vilnius, and R Yerevan to be one hour earlier 1/4 to 1/10; but not R Tashkent if previous practices follow thru (gh)

UNITED ARAB EMIRATES Dubai RCTV noted on new 15430 since 4/3, from 0330 EG nx & talk to 0357*v (Ernie Behr, Ont) Frequent changes (gh) Now moving arnd 31m for 0230-0400, 9595 to 9605 to 9640 to 9670 as at late Feb (Alok das Gupta, India, ADXN)

U K O G B A N I 27/2 scanning 10m hamband on my Kenwood TS530S, and while looking for beacons around 28200, stumbled on BBC bc on 28230--soccer but finally IDed; Liverpool vs Manchester United; scorelists. 1745 ended w/Big Ben, WS ID. Is someone trying to be funny or is this a subharmonic of a satellite feeder? Help! Was in AM mode, and reception was better on this than the R392 (Nolan Stephany, N2EAW, Williamson NY) A little division reveals a simpler explanation: 3 x 9410 harmonic (gh)

U S A KGEI hrd "testing new antenna" on 6000, 0930-0935* 6/2, 6100 1001-1005* 7/2; 6100 1100-1105* 13/2, both w/chime IS, multi-ling IDs, asked for rpts to Box 15, SF (John Wilkins, CO) For M83, KGEI registered tentatively: 250 kW: 2330-0230 15355 SAM, 0230-0615 on 11715 Eu, 1120-1230 11725 As, 1230-1330 9675 USSR, 1330-1430 11945 USSR. 50 kW 0400-1315 9615 SAM, 1315-1600 15355 SAM, 2130-0400 15280 SAM (ITU THFBS via Mar ADKN)

WRNO shifted 14/3 from 11955 to 11950 at 2200-2400 (including WORLD OF RADIO Sun 2330); to avoid interference but could shift back if this is not an improvement; also planning to adopt several band-edge or out-of-band fqs which might not have to be changed every season. By the way, 1983 WRTH DX pgm info for World of Radio is long out of date--Tue 1900 bc replaced last Aug by GHT Sun 0230 on (6155). March ASWLC DX pgm listing is full of errors, including World of Radio Thu 1900, a time it never occupied, and misses its Sun 0230 (gh)

In addn to reported 6300 kHz xmnsn, I've also hrd AFRTS on 5760 at 0300 and continuing for several hours. None of my books show this as feeder (Kirk Baxter, Mission KS, 19/2) Apparently you have not realized that 5760 and 6300 are both 270 kHz from 6030, i.e. spurs

Satellite News Channel on 1622 kHz [Cf March IN]. In reply to my letter, I got a nice reply from Glenn Lahman, Ops Mgr at SNC, and E-in-C of project. Apparently ZIP is 20036, not 20008 as secretary told me. I erred in giving license as WJZ-PB--it's WJZ-TV [licensed to, certainly, not callign of 1622 -gh]. As for the cryptic "east coast," which popped in last month's report, it was a word processor glitch, and due to 2 AM grogginess I didn't catch it--thought it was cosmic enlightenment [??]. Glenn says antenna is a 19.4' center-loaded vertical, at 122' AGL [above ground level]. Engr I spoke to initially had reported 5' vert. Says still unhappy w/sig strength--f.s. [field strength?] is only half of what it should be. I suggested it may be very high angle of radiation. Apparently they're still having modulator problems. Audio in here is vly weak. Xmtr is 100 W RF carrier; all solid-state, by LPB Inc.

A few more anecdotes: In tracing down this sig early on, I eventually called FCC Monitoring HQ in DC. When I explained my mission, I hrd a hearty laugh from Duty Officer. It seems that as did I, they hrd the sig on that first night of 29/1. And as I did, they assumed they were hearing a pirate. They were amazed at its sig strength, since they've tried many times to hear the AM pirates on this band, and usually fail. Downtown Washington is just too noisy, and the majority of AM pirates are in the NYC area. Monitoring was even more amazed when they traced the signal to the Group W bldg just over a block away. FCC Monitoring is on 19th St NW, and SNC on 18th Sw NW. When they contacted Group W HQ in Stamford CT the next morn, SNC offls insisted sig was legitimate new svc, tho Duty Officer could not find it in his copy of the Rules. He spent much of Sat morn scrambling arnd bldg trying to find copy of latest FCC rules. Sure enuf, when found, Auxiliary Broadcast was auth in Part 74.24. Licensed stns are listed in Part 74.402. As of this point, there are about 20 such licensees in this band.

Jerry Starr in OH writes that, additionally, the old AM Remote Broadcast svc in this band has been revoked, which I too have hrd. He confirms the LORAN identity of some of the 'chirpers' and 'hummers' in this band. He says (and he has confirmed) that several of these are LORAN-A signals from the Canadian side of the Great Lakes. That ends a lot of confusion I felt over FCC's comment that many of these were LORAN sigs, as I had thought that LORAN-A has been phased out in this country.

Several observers disagree w/Monitoring's interpretation of the CW beacons in this band. Bill Martin in DE notes that FCC has given different answers to this question over the years. He notes that no one ever hears the same ID twice, and there seems to be a plethora of IDs. He and several others suggest that the CW beacons may be military marker beacons used by our own military in exercises and practice, and that the IDs may be changed for tactical purposes. I will note that Monitoring read me some bearings on CW beacons, and they were all about 145° from Powder Springs GA. Now, that may be true, or Monitoring may have been speaking tongue in cheek. In any event, it may be significant that they confess to never having paid much attn to these beacons. On that note, several people reported hearing a pirate CW stn on 1610 kHz during Feb. No idea as to location or identity. (Vincent J Pinto, Suffern NY)

VATICAN RV has introed morn svc to Lam, SP to Arg/Bol/Chi/Pgy/southern Peru (seems like they follow BBC in target designation) 1330-1400 on 21725 17865 15405; and to Col/Ec/Ven/n Peru 1400-1430 on 21725 17865, and also to Cam/WI/Mex/US (first time RV has sked SP to US) on 17740 15405; At 1400 SP also to Eu 11740 9645 7250, but that is a separate, shorter bc at 1400-1415. Eve sked unchanged (Richard E Wood, Sa'udi Arabia) 1330-1430 bc has been on a good many months now (gh)

VEZUELA R Universidad, 3395, first time hrd 11/2 [time?] w/ads, YV mx, OM ancr, also uses slogan "La Emisora de Mérida", fair. R Nacional, 9540, caught tail-end of SP xmnsn to CAM &

Carib, patriotic ballads, songs abt Bolivar, 1149 NA & off, 11/2 (John Wilkins, CO)

YVTO, Caracas, 6100 kHz, Venez Navy time & Eq stn [it is not a "fq stn" or "std fq" stn as its variations off 6100.00000 should prove. Time signals and standard frequency are two separate functions, not always combined in one stn. Very few timesig stns not operating on 'even' fqs like 5, 10, 15, 20, 25 MHz even claim to be frequency standards. The common misconception that stns like YVTO are std-fq stns arises largely from the WRTH practice of lumping all these under one heading -gh] 1 kW, QSL card rxd together w/descriptive leaflet abt stn, details of xmtr, caesium [sic--cesium] atomic clock and history of the observatory. Also an offil letter of tnx and a private letter from tech-in-charge offering to exch mx cassettes of Venez mx for any local mx--as a hobby and to foster intl goodwill. All in 6 months for a report in SP (Ralph Sutton, Wellington NZ, NZDKT Feb-Mar) Perhaps WRTH should revise their heading to "Standard Frequency and/or Time Signal Stations"(gh)

VIETNAM Ha Bac, clearly hrd w/VT talks and local songs *1100-1300* on 4646; VT ID hrd as "Bay la dai phat thanh Ha Bac" at 1130 14/2. 'On 4949, Binh Tri Thien drifted down from 4653, hrd *1300-1400* w/G sigs (Yasuyuki Masuda, Japan, ADXN)

Gia Lai-Kon Tum on 4669 moved to old channel 4687 since late Jan, sked still *1030-1100* & *1145-1300*. Spl sked during Tet holidays 13-15/2, extended to 1330*. Xmsn after 1200 all in VT w/some nice instl mx; back to normal 1300* from 16/2. Binh Tri Thien back on air since late Jan on 4650 ex-4655. 3:11 *1300-1400*, no spl sked for Tet. Lang Song, used to be on 6510, unhrd since mid-Feb. Bac Thai moving slightly arnd 6605-6616 at *1125-1330*, no spl Tet sked; But Cao Bang, 6528, extended to 1430* 13-15/2, normally *1200-1400* I thot Tet holidays were 12-14/2, but actually sked on 12/2 as usual, spl xmsns 13-15, back to normal 16/2. Also VOV DS-1 had spl sked, on 6456 7422 10060. (Isao Ugusa, DX Front Line, Japan, 19/2)

ITU THFBS for M83 lists many [imaginary?] HF for Vietnam: 7130 HCM City 20 kW 04-09 & 15-23 non-dir to ITU zone 49. 7140 Cantho (sic) 10 kW 21-17 ND 49. 7180 Hue 0900-1600 5 kW each to 160 and 3400. 7220 Ha Bac 10 kW 21-06 & 09-17 ND 49, 9540 Ha Bac 10 21-06 & 10-16 ND 49. 9590 Ha Son Binh 10 kW 21-06 & 09-17 ND 49, 9660 HCM City 15 kW 22-06 & 10-16 ND 49. 9700 Cantho 10 kW 21-06 & 09-17 ND-49. 9730 Hanoi 30 kW 05-19 & 16-23 3230 to ITU zones 18, 19, 25. 11720 Ha Bac 15 kW 10-06 ND-49. 11800 HCM City 30 kW 09-13 2450 Z-46-48. 11850 Hue 09-16 & 2130-02 5 kW ea to 1600:Z-49; and 3400 49. 11920 Cantho 50 kW 1030-14 10° to zones 10 & 11. 11950 Hanoi 30 kW 21-02 2° to 6 & 8. 15320 Ha Bac 10 kW 10-06 ND-49. 17720 HCM City 20 kW 04-09 & 15-23 2450 to 52 53 57. 17830 HCM City 20 kW 09-13 1600 to 54 55 58 59. 17840 Hanoi 25 kW 16-23 3230 29 30. 21490 Ha Son Binh 30 kW 16-19 20 to zones 6-8. 21560 Ha Bac 50 kW 09-16 319° 27-28. All very interesting! And even more interesting to see if any do come on the air. These may not come into use, or may even be 'token' listings in-band (that is, just giving inband fqs for xmtrs like 10010, etc., etc.) ITU seems confused, as some provinces names are given, as well as prov capital. I didn't think there were any SW xmtrs at Ha Bac, Can Tho or Ha Son Binh (Geoff Cosier, Australia, DXFL) Similar registrations were published a year ago. I think very few DXers believe them to be in use in near future, nor do I. Do you feel silly to play with this rubbish? (Isao Ugusa, DXFL)

Of six locations in M83 list, there have never been SW xmtrs in Ha Son Binh, a 'new' location. Ha Bac used to be on SW in 1979 on 4648 [see start of Viet section above -gh]. Can Tho or prov capital of Hau Giang may have stn, but possibly MW if any. Note that Ha Son Binh and Ha Bac are neighboring to Hanoi. 21560 was also the highest fq in M82 list, but different location. Actual highest fq ever used on SWBC from Vietnam was 17785, R France Asia. For more than two decades, Vietnam never in 16m, so which will be first, 13 or 16? Hue currently on 4650, and in late 60s to early 70s on 9670, but never in 41 or 25m. More than a sesquyear has passed since HCM City VOV went off the air in June 81. Absolutely nothing hrd from this city in 1982, the first year lacking any SW activity from Saigon/HCM City since the 1930s (Isao Ugusa, Kobe, Japan, DX Front Line 19/2)

VOV in EG: 2330-2400, 1000-1030, 1100-1130 SEAs on 12035 10080. 1330-1400 SEAs, 1600-1630 Af, 1800-1830 Eu, 1900-1930 Eu, 2030-2100 Eu 12020 10040 (WBI 10/3) Look for a return to 15010 for some of these (gh)

YEMEN NORTHWEST Sana'a noted on new 6140 ex-7265 1000-2130 //usual 4853 9780 981, 4/3 (Richard E Wood, in nearby Abha, Sa'udi Arabia) R Sana'a recently obs on 715 9781 7265 4853 981 (WBI 24/2)

ZAMBIA 14/2 ZBS quoted its Dir-Gen that radio reception'd remained poor, despite commissioning of a 44 megakwacha massmedia complex in Lusaka, because there were no new xmtrs. Whereas ZBS now had most modern and sophisticated eqp, it was not compatible w/existing xmtrs. ZBS had embarked on expansion pgm in attempt to improve situation, because it believed radio'd be the main vehicle of comm between the party and government on the one hand and the people on the other (WBI 24/2) & who cares about people communicating w/people?

CLANDESTINE CRANNY V of the National Army of Democratic Kampuchea 'V of Democratic Kampuchea' and on 12/2 that VONADK 'd begin being from 14/2 'for the entertainment of the comrades-in-arms in our natl army of Democratic Kampuchea, who are fighting fiercely against the Vietnamese aggressors and race

exterminators, in order to drive them all out of Kampuchean territory". Sked given as 1000-1200 and 2230-2330 Cambodian on 41 & 60m; 1200-1230 Viet on 41m. The 2230 bc was also announced by R Beijing's Viet svc 14/2. The above sked was confirmed by monitoring on 14/2. However, despite anmts, all xmsns were hrd on 5200 kHz. No 41-m channel has yet been found (WBI 17/2) Obs on 21/2 revealed that following the close of this stn's bc at 2330, the xmtr on 5200 remained on the air and was briefly hrd to carry the "V of Democratic Kampuchea" in parallel with 11685 9530 8345. VODK believed to op from xmtrs in China. ID in Cambodian of VONADK: Samleng Kangtoap Cheat Kampuchea Pracheathippatai. Supports the Coalition Govt of Demo Kamp; hostile to the present Phnom-Penh regime and to Vietnamese involvement in Cambodia. Pgm content: Cambodian 1000-1030 Military experiences, 1030-1100 political, 1100-1130 artistic, 1130-1200 appealing to Khmer soldiers. 1200-1230 Viet pgm appealing to VT people and VT forces in Cambodia. 2230-2330 Cambodian: 2230-2300 military training pgm; 2300-2330 political pgm (WBI 24/2)

V of Democratic Kampuchea A recent survey shows 0400-0500 xmsn on 15400, not 15100. 1200-1300 6995 replaced by 4130 (WBI 24/2) See also above

V of the People of Malaya (Malay: "Suara Rakyat Malaya") (pro-Peking, hostile to the Govt of Malaysia), 7063 kHz variable: 2130-2200 Cantonese, 2200-2230 Malay, 2230-2300 Std Chinese, 2300-2330 Tamil. 1130-1200 Cant, 1200-1230 Std Ch, 1230-1300 Malay, 1300-1330 Tamil. 1430-1500 Cant, 1500-1530 Std Ch. Stn was first hrd on 4th May 1976 (WBI 10/3)

V of the Iranian Revolution (Persian: Seda-ye Enqelab-e Iran) (Kurdish: Aira Dangi Shurashi Iran) (hostile to the Iran Govt), 1230-1300 Persian, 1300-1330 Surani Kurdish both on 6366-6383 variable. First hrd 16/1/83 (WBI 24/2)

R Vatan I have received QSL card from R Vatan in 204 days from the West Germany addr; 2 IRCs sent. R Vatan broadcast on 9027 & 15555 (Gabriel Iván Barrera, Argentina, 16/2)

V of the Al-Ahvaz Revolution (Arabic: Ath-Thawarah al-Ahvaziyah) (Hostile to Iran & Syria) 0500-0800 & 1500-2000 in Arabic including press review 0525 & 1520; "Know your Enemy" 0630 and news 1730, on 858 kHz. This stn first hrd 2/3/81, calling itself the Voice of al-Qadisiyah, but details of its existence were first mentd in Kuwaiti npxpaper 'al-Watan' 20/2/81. The radio claims to bc from "within Ahvaz territory". The change of name to the V of the al-Ahvaz Revolution was first obs 31/1/83. This stn maintains it speaks on behalf of the "Arab Front of the Liberation of Ahvaz" (WBI 24/2)

R Free Lebanon A report in 19/2 edn of Leb npxpaper 'As-Safir' stated that RFL was the voice of the "Lebanese Forces" - a coalition of right-wing Christian groups (WBI 3/3)

V of Palestine, Voice of the Palestine Revolution pgm continues being hrd at 1600-1630 via San'a, Yemen Arab Republic on 9781 7265 4863 981 715 kHz (WBI 24/2) R Free Lebanon quoted "informed Lebanese sources" 1/3 that PLO and some of its supporting organizations in Leb'd submitted joint application to the Greek-Cypriot gov't for a licence to establish a radio stn which'd xmit from Cyprus. Info depts of these orgs'd be moved to Nicosia, while maintaining an office in W Beirut (WBI 3/3) Per a 5/3 report by Egyptian nx agcy MENA, the Eg pres, whilst expressing Egypt's support for the Palestinian cause, said establishment of a Pal radio in Egypt'd not be allowed. Any radio on Egyptian terr'd be the radio of Egypt & the Egyptian people (WBI 10/3) Ever notice how BBCMS never gives people's names, just title/position? (gh) EG no longer hrd on VOP segments via Angola, 9535 27/1 2130-2200, just FR & PT (Vito Echeverría, NY, ADKN) May vary day to day (gh)

Chad National Radio, the voice of Liberation Stn obs recently on 6009 kHz identifying as above, (French: Radiodiffusion [sic] Nationale Tchadienne, la voix de la libération). The stn ancs it bcs from Bardai (ed note: A town in the extreme north of Chad) and is a "voice of the Chadian Nat'l Liberation Army" (ANCL); the pgms appear to be critical of Hissene Habre and his gov't in Ndjamena. [oops, there went a name...]. The stn has been hrd being at 1800-2000 apx, on this sked: 1800-1830 FR, 1830-1900 AR, 1900-1930 Colloquial AR, 1930-2000 local vernacular. The above times are subject to variation (WBI 17/2) This stn, also IDing as R Bardai continues hrd 1800-2000 apx on 6009. Morn bc also confirmed on 6009 *0800 w/s/on anmt in AR, then Chadian nat'l anthem (WBI 24/2). It's in Libya, hrd on 6010 at 1740 // Tripoli fqs, then 1800-2000 separate V of Liberation pgm; probably same xmtr as to Sudan on 17940 until 1730* (Richard Ginbey, RSA, ENMN 10/3) NAM reception unlikely on this sked

La Voz de Cuba Independiente y Democrática has new xmtr on 7400, vy strong since 5/3 from *0300 IS, talks and mx to 0527*, varies to 0522*, ancg 7400 in addn to the other 5 xmtrs, but I suspect it's the same one used on 7350v. 7350.2 strong 0100-0300*v 9/3; one minute later appeared on 7400 (Ernie Behr, Ont) Smart move, picking up the VOA-Spanish audience on 7400 to 0300*. CID ran a full-page ad in the 13/3 NY Times, setting forth its aims, a total of ten stns against Castro with 2 megawatts; asking for public contributions to a Chicago box. Also had a letter of support from Ronald Reagan (gh) LV del CID via Clarín 11700 at 2215 26/2 had EG intro for pgm, EG description of CID & aims (John Hagen, Vic., ADKN)

R Guazapa Per report on Cuban stn R Liberación [not a clandestine], a new radio stn belonging to Salvadoran guerrillas called R Guazapa will be going on the air 21/2 on 100 MHz and 9816 kHz 31m. Twice daily 1830 & 0130. R Guazapa will be giving info on activities of the guerrilla forces fighting in Cuscatlán Dept, laying siege to Suchitoto garrison and controlling parts of the road between Suchitoto and San Salvador. Monitoring obs 22/2 traced the stn on 9831 at 0140. IDed as "R Guazapa, the voice of Cuscatlán" (WBI 24/2) It is an FMIN stn, and as "close to 10 MHz", ranging 9800-9900 at 0130-0200 & 1830-1900 in SP. Purports to transmit from Guazapa mountain in El Salvador (WBI 10/3) Any DX reports of this? I've looked for it several times with no luck (gh)

R Farabundo Martí hrd at Marchbegin 0100-0200 & 1830-1930 on fq varying every 10-20 secs between 7010 and 7054. Closing anmts only mention the above xmsns (WBI 10/3)

R Venceremos In a report on importance of "guerrilla" radio stns, R Havana said 21/2 that RV, the offl voice of El Sal's FMIN came into being 10/1/81 when it began being from the mtns in Morazán Dept. Its origin went back a further 12 months, when work was done to create a MW radio stn being to San Salvador. Began functioning 22/1/80 IDing as "R Revoluciónaria del Pueblo" (WBI 3/3) Announces it xmits on two sw fqs near 7 MHz at 1215, 1800, 0000, 0230; and on VHF/FM daily for San Salvador area at 0230 (WBI 10/3)

Music jammer on 6210, strong 22/2 playing nothing but tropical mx & LA songs 1215-1306* on top of R Venceremos; also 24/2 0300-0333* while RV was on 6206; jammer stn is using full carrier USB, same mode as Nicaraguan clandestines (Ernie Behr, Kenora Ont)

R Quince de Setiembre, 7000 kHz, hrd 23/2 just before 0330* Caught about three mins talk, then NA, presumed Nic. Over 9 on meter but weak mod (Chuck Oliver, Spring TX) On 6555 4/2 0245-0330, SP talks, speeches, and again from around 0500 (Vito Echevarría, NY, ADXN Mar)

La Voz de Nicaragua Libre and La Voz de Sandino 27/2 on 5710 USB (A3H) I ran across LWNL in Miskito or Sumo w/SP ID at 0353*. This was followed by the NA. Carrier remained on the air. Audio came to life at 0359 w/"revelle" on the bugle followed by the NA (again), a quote from Edén Pastora and the SP ID "Aquí La Voz de Sandino". There followed their "editorial" against the new "hijos de Somoza" and the "Imperialistas yanquis y rusos," etc. The upshot of all this is that LV de Sandino and LV de Nicaragua Libre are indeed the same stn--same xmtr, freq., etc. (Bob Rankin, Lawrence KS, 28/2)

It seems that at times LV de Sandino and LV de Nicaragua Libre use each other's fqs--and probably xmtr(s) - interchangeably. LV de Sandino was noted on 5760a around 0415 1/3 while LWNL was on 6225a at 0025 5/3 and again *0427. 7/3 LV de Sandino obs on 6225a 0330 t/in w/LV de Sandino signing on the same fq at 0415. While more careful monitoring would have been required to be absolutely certain, it appeared that both stns were using the same xmtr on this date. During these first 7 days of March the two stns have not been hrd on the air simultaneously suggesting that interchanges were necessitated by a breakdown of one of the two ARDE affiliated xmtrs (March SWNS)

In an extensive report in April RIB, Robert Horvitz comes to the same conclusion (gh) LV de Sandino, LV de Nic Libre & R Miskús are all using full carrier USB, probably converted ute xmtrs; Nov LN-25 mentions that Costa Rica is rehabilitating 3 old ute xmtrs; wonder if there is any connexion here (Ernie Behr, Ont)

LV de Nicaragua Libre, describing itself as the offl voice of the ARDE--The Democratic Revolutionary Alliance -- hostile to the Nicaraguan govt, 0000-0045 & 0400-0445 SP on 5700-5800 variable. First hrd 7/1/83 (WBI 24/2)

R Miskús, describing itself as a new voice against atheistic Communism - hostile to the Nic govt and claims to be from somewhere in Nicaragua: 0200-0300 & 1100-1200 in Miskito & SP; 1900-2000 in Miskito, SP & EG, all on 6870 variable. First hrd 20/1/83 (WBI 24/2)

R Miskut, 6865.5apx in lang, presume miskito at 1150 11/2, SIO 353, 1212 anthem & off (John M Wilkins, Wheat Ridge CO)

NORTH AMERICAN PIRATES R Toronto, the V of Free Ontario, 7425 20/2 0200-0212 w/rock mx, fqt IDs, extremely strong signal here, 20 over 9, w/good quality audio. Also, 20/2 0115-0415+ on 7433.7 a stn relaying "K196 FM(?)" in Montréal. Maybe it's CHEZ 106.1 in Ottawa--don't know of any 106 stn in Montréal (Kirk Baxter, Shawnee Mission KS)

Jolly Roger Radio After an absence of two years, the pirates of Jolly Roger Radio are again breaking the law for fun and principle. The unlicensed radio stn which operated for nine months in Bloomington before being shut down by the FCC in Nov 1980 went back on the air a month ago. It has been being on FM, usually at night, at 93.9 MHz. Its studio is a small apartment in a residential area, cluttered w/records and tapes, two turntables, a tapedeck and used equipment that puts out a 100-watt signal that can be hrd from 5 to 13 miles away. On the walls are pirate memorabilia, clippings of newspaper articles about the stn and letters from the FCC. The stn's staff has two dozen volunteers headed by a 27-year-old Bloomington man who calls himself the Flying Dutchman--Since Jolly Roger returned, it has been exchanging tapes with an intl net of pirates and is being broadcast in Canada, Australia,

Ireland and England (Bloomington IN Harold-Telephone [sic] 21/2 via SWNS March)

Radio U S A 26/2 0357-0430+ when sig became too poor to copy, on 7388.9 LSB only. Mx audio quality much better than voice, which was just barely understandable. Fq at least stable, which is nice for an SSB stn. They played some selections from a 'live' album, and what sounded like Rolling Stones mx. Possible s/off at 0450. Hrd again 12/3 0438 on 7373.8, again LSB only (totally suppressed carrier). Stn was drifting slightly down in fq. Mx was much clearer than voice audio, which was tinny and muffled. Sounded like the M anc said there was no addr for QSLs yet, but that reports could be sent via SPEEDX (good luck guy), and FRENEX [no, they can't -gh]. There were frequent IDs, and at 0515 he gave info on Euro-pirate skeds and US pirate fqs. May have been calling himself Mr Blue Sky (as per LN). Played ELO's "Mr. Blue Sky", mx by Queen, etc. Pse QSL if you're out there. S/off 0554. (Kirk Baxter, KS)

Radio USA International, 12/3 0500-0550 on 7374 LSB, and 200 watts, played rock, gave skeds of US & Euro pirates, asked reports be sent to FRENEX, SPEEDX, PC and RCI. Said were using 200 watts in "41 meter pirate band". Tnx Kirk Baxter for tip (Artie Bigley, San Antonio TX)

R Clandestine on 6033, 2235-2255* 5/3, IDs and commentary by R F Burns, hard rock by Deep Purple, etc. Outrageous put-on commercials and hilarious newscast parody by a "Miss Information". R F Burns s/off ID as "R Clandestine, somewhere off the coast of North America" Good signal (Ken Cobb, Portland ME)

28/2 2405 on 7350, Warner Bros cartoon tune, possibly used as IS, then into rock mx format till 2430 & pgm Another Look at Life; weak sig w/Prague QRM on 7345. Hrd an unID around 6980 at 0520-0600+ 28/2, country mx mostly Jim Reeves, fair sig, continuous fading, no ID hrd (Ron Trotto, St Cloud FL)

KQSB From California(?) on 7425 at 0404-0415 w/rock mx, ID as test xmsn, addr as Box 4948, Arcata CA 95521. Heavy ute/CW QRM. Either s/off or covered by 0415 (Richard A D'Angelo, Wyoming PA, 27/2)

PRN on 1616 kHz, 20/2 0512 w/strong het, probably my rx IM overload, took calls at (212) 926-9979 until past 0800. Captain Jeff Bligh and Mr Electricity offered to QSL new listeners (Frank N Decker, Syracuse NY) Also unID on 1622 kHz 20/2 0502-0511*, 0523-0526*, very strong, unfortunately I can't understand the name of the stn because it is covered up by clapping noise each time mentioned in musical ID song: "This is Radio (clap) on pirate (Caroline?), at one point. No pgming other than the ID song which was repeated both xmsns (Decker)

R Fluffernut Warning!!! Whether you like it or not, Radio Fluffernut will begin broadcasting on Sunday, the 15th of May, 1983, the Ides of May. Sign on of Radio Fluffernut will be at 1:30 a.m. EDT (0530 GMT/UTC) on the wonderful frequency of 7470 kHz. We hope that you will be able to tune in then. Don't forget to tell your friends to tune in also!! Why Radio Fluffernut? You'll just have to tune in to find out!!! This anmt sponsored by the Radio Fluffernut Monitor Club (anonymous xeroxed notice on deep purple paper postmarked Buffalo NY 17/3)

PUBLICATIONS

Backscatter, First Issue, March 1983, 6 pages reduced copy, xeroxed, edited by Robert Horvitz. Excellent compilation of material about US over-the-horizon backscatter radar, its potential for interference to SW, and what we can do about it, from the ANARC OTH-B Radar Committee. They hope to publish 4 to 6 times in 1983. Send as many SASEs as issues you want, plus 30c per issue to cover printing cost; payment by US postage stamps is fine. Outside US, no SASE but 4 IRCs for each airmailed issue; from: Robert Horvitz, 54 E Manning St., Providence RI 02906 (gh)

A Simplified Model of the High Latitude Ionosphere for Telecommunications Applications. A simplified model allowing radio users to modify propagation prediction models to allow for properties of high lat ionosphere, based on obs from vertical ionospheric sounders, satellite sensors, ground-based sensors. 32 pages long, costs \$7.50. Order by accession number PB 82-187197 from the National Technical Information Service, 5285 Port Royal Road, Springfield VA 22161 (IRCA DX Monitor 12/3) Pertains to high frequencies, otherwise applicable?

The IRCA Almanac, Third edition, 1983 has just been published. A goldmine of information on US & Canadian domestic broadcasting on MW. 164 pages comb-bound (or on request loose-leaf, so updater pages which must be ordered separately, can be integrated). Includes 1983 Frequency Check List; US & Canadian stn changes to update the 1982 NRC Log. Lots of stn lists, all arranged by fq, including all natl radio nets w/skeds and hourly news formats, state and regional nets, talk shows, music shows, religious pgms, Canadian nets and audio services, sports nets, stn slogans, AM stereo stns, TIS, beacons, remote pickup, other MW utes, glossary; original articles such as sunrise and sunset DXing. Check or money order for \$6.50 (IRCA non-member rate), \$8.50 foreign, to IRCA Goodie Factory, P O Box 17088, Seattle WA 98107 (gh)

QSL REPORTS



Sam Barto
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Here we go again folks into another QSL Column. From the reports I've seen this promises to be one of our best!

- ALBANIA:** Radio Tirana 7080 f/d cd. in 79 ds. w/ schedule. (Scharrer-MI).
- ANGUILLA:** Caribbean Beacon 1610 f/d cd. w/ sticker in 6 wks. v/s Gary Hodge, Operations Manager (Field-MI). Interesting but not SWBC.
- ANTARCTICA:** LRA36 Radio Nacional Arcangel San Gabriel 15476 p/d ltr. in 61 ds. for a SP rpt. and ms. v/s Lt./Col. Jose Bilbo Richter. (Hensley-TX). in 4 mo. for 1 IRC to Buenos Aires address. (Johnson-TX). 15474 n/d cd. via RAE in 42 ds. (Warner-UK).
- ANTIGUA:** BBC 9510 n/d cd. in 34 ds. (Hosmer-MI). 9765 f/d "Bush House" cd. from the LA Service in 2 wks. (Gliksman-IL). Deutsche Welle 15410 n/d cd. in 49 ds. (Warner-UK).
- ARGENTINA:** RAE 9690 n/d "Logo" cd. in 20 ds. for an EG rpt. v/s Roxana Largi. (Reinstein-FL). n/d sticker w/ station stamp on reverse in 25 ds. for * 2 IRCs. (Jones-OH). 11710 n/d cd w/ sticker in 22 ds. (Somers-NJ). Radio Nacional de Buenos Aires 9690 n/d cd. in 1 mo. (Craighead-KS). Radio Cadena Argentina Deportiva 9690 n/d blue/black cd. in 2 mo. (Craighead-KS).
- ASIATIC RUSSIA:** Radio Moscow 21565 and 17720 via Petropavlovsk-Kamchatsky f/d cd. in 41 ds. (Palmerheim-MN). 12050 via Khabarovsk "Stadium" cd. in 80 ds. (Aden-OR)...Thanks for the USSR info Christos!
- AUSTRALIA:** Radio Australia 9760 f/d "Platapus" cd. in 24 ds. for 3 IRCs. (Talbot-ALTA). 9640 via Carnarvon w/ same cd. in 3 wks. (Plum-NJ). 21740 f/d "Penguins" cd. in 21 ds. for 3 IRCs. (Talbot-ALTA). 9770 cd. in 25 ds for 1 IRC. (Ilgenfritz). 6060 f/d "Bowerbird" cd. in 16 ds. (Jones-OH).
- BALI & LESSER SUNDA ISLANDS:** RRI Kupang 3385 n/d form ltr. in 5 wks. after * f/up rpt. in IN for ms. v/s Daud Yusuf Maro, Kepala Seksi Siaran (Wilkins-CO).
- BELGIUM:** BRT 7465 f/d "Antwerp/Gent" cds. in 1 mo. (Plum-NJ). 6225 and 17915 f/d "Brabo" cd. in 24 ds. (Palmerheim-MN). RTEF 21460 f/d "Bouillon" cd. in 12 ds. w/ pocket calendar. (Palmerheim-MN).
- BELIZE:** Radio Belize 3285 n/d "Map" cd. in 2 wks. (Field-MI). same in 12 ds. v/s J. Johnson, Chief Broadcasting Officer. (Plum-NJ).
- BENIN:** ORTB 4870 n/d cd. in 28 ds. for a PR rpt. and ms. (Bryant-OK).
- BONAIRE:** Radio Netherlands 9715 f/d "Wereldmoes Dedication" cd. in 12 ds. for 1 IRC. (Ilgenfritz-OH). 9590 f/d "Flevo Site" cd. in 41 ds. (Topoleski BORNEO: RRI Banjarmasin 3250 f/d cd. in 50 ds. via registered mail -PA). * for an IN rpt. and ms. v/s Muhammed Fachriansjah. (Bryant-OK).
- BRASIL:** Radio Nacional do Brasil 15290 and 17830 f/d "Palacio do Itamaraty" cd. in 84 ds. for an EG rpt. (Sobkoviak-IL). f/d "Pontes" cd. in 18 wks. (Wilkins-CO). 15390 f/d cd. in 59 ds. for 2 IRCs. (Pieper-MI). 15290 f/d "Manaus Teatro Amazonas" cd. w/ sticker in 80 ds. (Aden-OR). f/d cd. in 117 ds. for an EG rpt. (Somers-NJ). Radio Marumby 9675 f/d prepared cd. in 3 wks. after 2 f/up rpts. in PT for ms. v/s Claudio R. Moraes. (Wilkins-CO). f/d ltr. in 1 mo. v/s Robertson Da Silva Cardoso, Programador. (Field-MI).
- * Radio Rural 4765 ltr. in 27 ds. for a PT rpt. and ms. QSL was in EG from James Ryan, Catholic Bishop of Santarem. Ryan, who is from Chicago, is from Mayor Daley old neighborhood. Nice surprise! (Mikell-IL).
- BULGARIA:** Radio Sofia 9700 n/d cd. in 51 ds. (Scharrer-MI). f/d "Bachkovo Monastery" cd. in 2 mo. (Plum-NJ).
- * 7115 same cd. in 56 ds. (Palmerheim-MN). 7670 via Sto-lik f/d note (w/o site) in 2 mo. (Gliksman-IL).

QSL COLUMN REPORT FORMS ARE AVAILABLE FROM EDITOR FOR \$3.85.



BYELORUSSIA: Radio Moscow 15150 via Minsk f/d cd. w/ new pennant. (Hosmer-MI).

CAMEROON: Radio Bertoua 4750 ltr. in 50 ds. for a FR rpt. and 2 IRCs. (Warner-UK). Radio Baffoussam 4000 ltr. in 82 ds. for a FR rpt. and 2 IRCs. (Warner-UK).

CANADA: CFCX 6005 f/d "Logo" cd. in 24 ds. (Kendra-PA). CFCX 6070 f/d cd. w/ ltr. and sticker in 11 ds. (Jones-OH). CHU 7335 "Sir Sanford Fleming" cd. in 15 ds. for 1 IRC. (Talbot-ALTA). Radio Canada International 15325 f/d "Canada Council" cd. in 73 ds. w/ pennant and sticker. (Sobkiviak-IL). CFPV 6030 f/d "Calgary" cd. w/ ltr. in 9 ds. for 1 IRC. v/s Jo-Anne Gaza, Secretary. (Talbot-ALTA).

CANARY ISLANDS: Radio Exterior de Espana 15365 via Tenerife f/d "El Caballero" cd. in 5 wks. after a f/up rpt. (Wilkins-CO).

CAPE VERDE ISLANDS: Radio Voz de Vincente 7155 p/d "Logo/Map" cd. in 21 ds. for a PR rpt. (Hunliwell-NJ).

CELEBES: RRI Palu 3960 f/d prepared cd. w/ personal ltr. in 3 mo. for an IN rpt. and ms. v/s M. Jusran. (Lazarus-LA).

CHINA: Radio Beijing 15225 f/d cd. w/ pennant in 28 ds. (Palmerheim-MN). cd. w/ pennant and sticker in 29 ds. (Jones-OH). 15520 f/d cd. w/ pennant in 1 mo. for 2 IRCs. (Kendra-PA). f/d "Great Wall" cd. w/ pennant in 22 ds. (Fortney-PA). cd. in 3 1/2 wks. (Plum-NJ). 17860 cd. in 28 ds. (Topoleski-PA). * 15520, 15120 and 11650 f/d cd. in 22 ds. (Somers-NJ). Gansu PBS 4865 folder direct from station in 132 ds. (Warner-UK).

COLOMBIA: Emisoras Ondas del Darien 6085 n/d ltr. in 6 mo. for a SP rpt. & 1 IRC. v/s Manuel Cardona Agudelo, Gerente General. (Gliksman-IL). Radio Super de Medellin 4875 p/d yellow cd. in 1 mo. (Craighead-KS). Emisora Armonias del Caqueta 4915 n/d cd. in 2 mo. for a SP rpt. and 1 IRC. v/s P. Alvaro Serna Alzate, Director. (Gliksman-IL). p/d cd. in 25 ds. (Craighead-KS). CONGO: Radio TV Congolaise 15190 f/d EG form ltr. in 101 ds. for head-KS). * a PR rpt. and 2 IRCs. (George-NC).

COOK ISLANDS: Radio Cook Islands 11760 cd. in 17 ds. for 2 IRCs. (Warner-CO). COSTA RICA: Radio Rumbó 6078 f/d prepared cd. in 6 wks. for a SP rpt. and ms. v/s Sonia Chaverri Fuentes, Sectraria. (Wilkins-CO). TIFC 5055 f/d cd. in 289 ds. for 2 IRCs. v/s Mary Steele, English Dept. (Bryant-OK). same in 104 ds. w/ pennant. (Stephany-NJ).

CUBA: Radio Habana 11950 f/d "La Fe Beach" cd. in 84 ds. (Reinstein-FL). 11930, 11760, 11725 and 15365 f/d cds. w/ pennant in 117 ds. (Somers-NJ). 11930 f/d "Castillo de Jagua" cd. in 24 wks. (Wilkins-CO). f/d "Hotel De-ville" cd. in 7 mo. (Plum-NJ). Radio Moscow via Habana 11840 f/d cd. in 51 ds. (Rigas-IL). 6110 cd. in 80 ds. (Aden-OR).

CYPRUS: BBC 6180 n/d form ltr. in 28 ds. from site for 1 IRC. (Purdum-MI).

World Music Radio

through the day... into the night!

Date 17/12/1982
Freq. 6221 kHz
Time 0225-0300 GMT



Mz. SAM BARTO

WMR - World Music Radio

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

1KW POWER

P.O. Box 4078 - Amsterdam - Holland

Q. S. L.

CONFIRMACION REPORTE DE SINTONIA

RADIOemisora : BAHIA
FRECUENCIAS : 1420 kHz MW
4990 kHz SW BANDA DE 60 MTS.
ORIGEN DE LA SEÑAL : Otavalo, Provincia de Imbabura
República del Ecuador, Sud América
POTENCIA EN ANTENAS: 1000 vatios

via
Chris Lobdell

Marcelo
Quinteros H.

GERENTE

SELLO OFICIAL

CZECHOSLOVAKIA: Radio Prague 7345 f/d cd. in 73 ds. (Somers-NJ). cd. in 29 ds. (Topoleski-PA).

DOMINICAN REP: La Voz del CID

* via Radio Clarin 11700 ltr. in 57 ds. for \$1.00 (Warner-AUST).

ECUADOR: HCJB 9745 f/d cd. in 34 ds. (Topoleski-PA). f/d "Alfombrilla Flower" cd. w/ pennant in 31 ds. for 2 IRCs (Hosmer-MI). 11915 same cd. in 7 wks. (Plum-NJ). 3220 and 17825 f/d "Then and Now" cds in 5 wks. (Wilkins-CO). Radio Cultural Antena Libre 3240 ltr. in 5 wks. for ms. v/s Luis Velasco Leon (Wilkins).

ON INDIA GOVERNMENT SERVICENo. 3/1/82-²-E3 (OSL) Ron Howard**ALL INDIA RADIO**AKASHVANI BHAWAN,
PARLIAMENT STREET,
NEW DELHI-110001 INDIA

Dated this... 23.1.83

Dear Sir/Madam,

We gratefully acknowledge your Reception Report and confirm your listening to our transmission on... 4775 kHz on... 18.12.82 at... 1140 GMT

The transmission originated from our Station at... Gathati.

Yours faithfully,

*O.P. Khushu*Director Frequency Assignments
for Dir.

in 5 wks. (Plum-NJ). 15295 via Varonazh f/d cd. in 51 ds. (Rigas-IL). 9665 "Pokrovsky Cathedral" cd. in 43 ds. (Furdum-MI). 7310 via Moscow f/d cd. in 36 ds. (Rigas-IL). 7440 cd. in 6 wks. (Wilkins-CO). 7360 cd. in 45 ds. (Hosmer-MI). 9610 via Tula cd. in 5 wks. (Plum-NJ). 15320 via Serpukhov f/d cd. in 35 ds. (Furdum-MI). 7110 via Ivanov Frankovsk "Olympic Stadium" cd. in 29 ds. (Topoleski-PA). cd. in 80 ds. (Aden-OR). 7175 via Gorky f/d cd. in 36 ds. (Rigas-IL). cd. in 44 ds. (Warner-UK). 6090 via Orenburg cd. in 47 ds. (Warner-UK).

FEDERAL REP. OF GERMANY: Sudwestfunk 7265 cd.

* in 41 ds. for 1 IRC. (Reinstein-FL). Radio Bremen 6190 f/d cd. w/ ltr. in 25 ds. for a GM rpt. and ms. (Clifford-FRG). Deutsche Welle 6145 n/d cd. in 30 ds. v/s Peter Seneger. (Paszkiewicz-WI).

FINLAND: Radio Meteor 6237 cd. w/ ltr. and

* photo in 42 ds. for 2 IRCs. (Warner-UK).

FRANCE: Radio France International 17850 f/d

cd. in 193 ds. w/ sticker. (Sobkoviak-IL). 21580 f/d cd. in 216 ds. (Stephany-NY).

FRENCH GUIANA: FR3 3385 and 5055 n/d "Tower & Map"

cd. in 66 ds. for 2 IRCs. (Gundersen-MN).

GEORGIAN SSR: Radio Moscow 21715 via Thilisi f/d cd. in 36 ds. (Furdum-MI).

* GREECE: Voice of Greece 9865 f/d "Platamonas" cd. in 48 ds. for 1 IRC. (Scharrer-MI). VOA 9700 via Kavala f/d cd. in 9 ds. (Hosmer-MI).

GUATEMALA: TGNA 3300 f/d cd. in 180 ds. for 2 IRCs. v/s Wayne Berger, Engineer. (Bryant-OK). Radio Tezulutlan 3370 f/d cd. in 6 wks. for ms. (Plum-NJ). Radio Mam 4825 ltr. in 62 ds. for a SP rpt. and ms. (Warner-UK).

* Radio Maya de Barillas 3325 f/d "Maya Warrior" cd. in 7 wks. for a SP rpt. and ms. v/s Francisco Juan Pedro, Gerente (Wilkins-CO).

HOLLAND: Radio

Nederland via Lopik 17605

f/d cd. in 40 ds. (Ingler-FL) 6165 cd. in 20 ds. for 2 IRCs (Jones-OH).

* Radio Mi Amigo 6225 f/d cd. in 45 ds. for a DT rpt. and 2 IRCs. (Clifford-FRG).

via S. Gliksmán

Radiodifusoras:

LA VOZ DE SAQUISILI Y LIBERTADOR

Primeras Potencia Radial de Cotopaxi

desem a Ud.

y Felicidad en Navidad,
Dicha y Prosperidad
en Año Nuevo

Arturo Mona Herrera

Gerente
y Familia

Saquisili, Enero 10, 1983

No. 3/1/82-²-E3 (OSL)**ALL INDIA RADIO**AKASHVANI BHAWAN,
PARLIAMENT STREET,
NEW DELHI-110001 INDIA

Ron Howard Dated this... 18.1.83

Dear Sir/Madam,

We gratefully acknowledge your Reception Report and confirm your listening to our transmission on... 4800 kHz on... 28.11.82 at... 1401 & 1328 GMT

The transmission originated from our Station at... Hyderabad.

Yours faithfully,

*O.P. Khushu*Director Frequency Assignments
for Director General

VERIFICATION SIGNERS: Radio Mediterranean 5960 Marisa Farrugala. Radio Nepal 9590 K.B. Khatri, Chief Engineer also Mohini Shephard. Radio Nolan 11562 Ronnie Nolan. Radio Oman 15105 Musallam Said. Radio Nord Garfagnana 6300 Silvio Orsi, President. Radio La Cronica 9520 Maria Luz Lucho Gamarra, Executive Secretary. Radio Amazonas 4815 Jaime Bendayan D., Administrador. Radio Frontera 4760 Melvin Marchena. Radio Argentina(RAE) 11710 Sandro Cenci. Radio Guatapurí 4815 Sara Emilia Ballestas C. Armonias del Caqueta 4915 Padre Alvaro Serna Alzate, Director. Radio Super Medellin 4875 Angela Margarita Londonio, Secretary. Emissora Meridiano 70 4926 Ernesto Cordoba S. HRVC 4820 Cindy L. Maradiaga, Secretary. Radio Jucalpa 4781 Victor Rubi Zapata, Gerente. Radio Carora 4907 Carlos Gonzalez, Gerente General. Radio Abaroa 4710 Rolman Medina Mendes. Radio Record 15135 Selma Maria Leite. Radio Cultura Sao Paulo 6165 Olimpio Jose Franco. La Voz de la Selva 4825 Rafael Garcia Souza, Gerente. Radio Qatar 15505 Iassem Mohd. Al-Qattan, Head of Public Relations. Radio Santiago 6048 Dino Bloisse and Carlo Enoit, Sub-Director. AIR Lucknow 3205 O.P. Khushu, Frequency Division Director. La Voz de Carabobo 4780 Julio Calanche, Locutor. Emissora Radio Benguela 6152 Carlos Pimental.

HOLLAND: Radio Foundation 6255 certificate in 106 ds. (Warner-UK). Radio Wal-visbaal 7335 sticker in 90 ds. for 1 IRC. (Warner-UK).

HONDURAS: HRVC 4820 f/d "Logo" cd. in 16 ds. (Wack-VA). same in 16 ds. w/ pennant for ms. (Reinstein-FL). in 18 ds. for 3 IRCs. (Cassidy-IN).

HUNGARY: Radio Budapest 9835 f/d cd. in 43 ds. (Scharrer-MI).

INDIA: AIR 4960 via Ranchi f/d cd. in 5 wks. for 1 IRC. v/s O.P. Khushu.

(Gliksmann-IL). 4920 via Madras cd. in 106 ds. for 2 IRCs. (Warner-UK).

* 4820 via Calcutta f/d "Writers Building" cd. in 10 wks. (Howard-CA).

IRAN: Radio Vatan 15555 n/d "Iranian Flag/Antenna" cd. in 208 ds. for an EG/GM rpt. and 1 IRC. (Fortney-PA)... Listed here but probably another country. Address please... Sam.

IRELAND: Radio Dublin 6910 n/d "Map" cd. in 16 mo. for 3 IRCs. (Wack-VA).

ISRAEL: IHA 11055 f/d cd. w/ pennant in 314 ds. (Bryant-OK).

ITALY: RAI 9575 f/d cd. in 105 ds. for 2 IRCs. (Topoleski-PA). f/d "Sculpture" cd. in 113 ds. (Reinstein-FL). World Music Radio via Radio Milano

International 6220 via Zinasco site in 38 ds. for 2 IRCs. (Clifford-FRG).

JAPAN: Radio Japan 9630, 17755, 17825, 21640 and 15195 p/d cd. in 42 ds. (Stephany-NY). 17825 "Persimmons" cd. in 39 ds. for 1 IRC. (Hosmer-MI). 15300 same cd. in 27 ds. (Somers-NJ). 17870 "Mt. Fuji" cd. in 30 ds. (Clifford-FRG). f/d "Imperial Garden" cd. in 28 ds. (Clifford-FRG). KZOO via NSB

9595 p/d ltr. and bronze on white leather 5th anniversary cd. in 11 ds. and via NSB on 6055 via Japan in 1 mo. (Craighead-KS).

KAMPUCHEA: Voice of the People of Kampuchea 11938 p/d "Angkor Wat" cd. in 345 ds. via Hanoi. (Palmerheim-MN).

KASHMIR-INDIA: AIR 3277 via Srinagar cd. in 72 ds. for 2 IRCs. (Warner-UK).

* very nice... haven't seen this one in quite a while! (Hosmer-MI).

KENYA: Voice of Kenya 4915 f/d ltr. in 16 ds. for 3 IRCs. v/s A.K. Mwenja.

KIRGHIZ SSR: Radio Moscow 11820 via Frunze f/d cd. in 51 ds. (George-NC).

f/d "Byelorussia Depot" cd. in 39 ds. (Furdum-MI).

KOREA, REPUBLIC OF: Radio Korea 9750 f/d "National Costume" cd. in 22 ds. (Hosmer-MI). f/d cd. in 33 ds. (Cassidy-IN).

KUWAIT: Radio Kuwait 11675 program guide and stickers in 46 ds. (Stephany-NY)

LATVIAN SSR: Radio Moscow 21615 via Riga cd. in 36 ds. (Furdum-MI). in 44 ds. (Warner).

LEBANON: King of Hope 6215 f/d cd. w/ sticker in 6 wks. (Field-MI).

LIBERIA: ELWA 4765 f/d cd. in 63 ds. for 2 IRCs. v/s P. Manuel. (Cobb-ME).

LUXEMBOURG: Radio Luxembourg 6090 n/d cd. in 19 ds. for 3 IRCs (Topoleski-PA).

MALTA: Radio Mediterranean 5960 f/d "Map" cd. in 27 ds. for 1 IRC. (Stephany-NY). in 19 ds. for 1 IRC. v/s Marisa Farrugia, Secretary. (Palmerheim-MN). cd. in 17 ds. (Rigas-IL). f/d cd. in 35 ds. for 2 IRCs. (Jones-OH).

QSL COLUMN REPORT FORMS ARE AVAILABLE FROM YOUR EDITOR FOR A CASE... Sam.

from the Richard Davis collection

SUPER ROCK STATION



also sent in by Tom Gavarrs

KYOI

Non-Music From L.A.

This confirms your report of SAV 20-03 concerning our transmission on 16.17-17.00-GMT on 9.670 kHz.

Your observations are of great interest for us and your further reports will be much appreciated.

With many thanks.
via Rich Davis
KYOI—SUPER ROCK
Box 795
Saipan, CM 96950

Max Grizzard

MALTA: Radio Mediterranean 5960 f/d "Map" cd. in 27 ds. for 1 IRC. (Stephany-NY). in 19 ds. for 1 IRC. v/s Marisa Farrugia, Secretary. (Palmerheim-MN). cd. in 17 ds. (Rigas-IL). f/d cd. in 35 ds. for 2 IRCs. (Jones-OH).

QSL COLUMN REPORT FORMS ARE AVAILABLE FROM YOUR EDITOR FOR A CASE... Sam.

RADIO CADENA ARGENTINA DEPORTIVA

Con gran placer envío este recuerdo,
en reconocimiento hacia quienes viven
la emoción del deporte a través

de la Radio Cadena Argentina Deportiva
Aldo Mendel Casagrande, QSL
6 años por siempre. Felicitaciones
(Very happy)

Cardinalmente

XIV de Mayo

Buenos Aires, Argentina de 1973



- MALTA:** IBRA Radio via Radio Mediterraneo 9515 cd. in 14 ds. (Paszkievicz-WI).
MEXICO: Radio Educacion 6185 p/d form ltr. via registered mail in 25 wks.
 * after a f/up rpt. in SP for ms. v/s Gustavo Carreno L. (Wilkins-CO).
MONACO: Trans World Radio 9495 f/d cd. w/ pennant in 27 ds. w/ Royal Family postcard for 3 IRCs. (Topoleski-PA).
MONTERRAT: Deutsche Welle 9545 f/d "EDXC" cd. in 45 ds. for 2 IRCs. (Bryant-OK). same in 43 ds. (Sobkoviak-IL).
NEPAL: Radio Nepal 5005 f/d cd. w/ station booklet in 7 wks. v/s K.B. Khatri and B.P. Shivakoti. (Howard-CA). 9590 cd. in 18 ds (!) for a taped rpt. (Sgrulletta-NY). 5005 and 9590 f/d cd. in 1 mo. (Gliksmann-IL).
NEW BRITAIN: Radio East New Britain 3385 f/d prepared cd. in 6 wks. for ms.
NEWFOUNDLAND: CKZN 6160 "Map" folder cd. in 41 ds. for 1 IRC. (Wilkins-CO). v/s D. Uttaro. (George-NC). same in 33 ds. for ms. (Stephany-NY). in 1 mo. for 1 IRC. (Wilkins-CO). in 1 1/2 mo. w/ sticker. (Plum-NJ). cd. in 20 ds.
NICARAGUA: Voice of Nicaragua 5955 p/d personal ltr. in 50 ds (Purdum-MI). for an EG rpt. and 1 IRC. v/s Rodolfo Garcia Gutierrez, Director. (Stephany-NY). ltr. w/ pennant in 159 ds. for 1 IRC. v/s Patricia Benard. (Paszkievicz-WI). in 58 ds. w/ pennant. (Gundersen-MN). f/d ltr. in 36 ds. (Wheeler-KS). in 2 mo. w/ pennant. (Field-MI). in 36 ds. (Ingler-FL). f/d "Col. Sandino" cd. w/ pennant in 78 ds. for 2 IRCs. (Ilgenfritz-OH). in 32 ds. w/ newspaper for 2 IRCs. (Jones-OH). Radio Zinica 6120 p/d form ltr. in 8 mo. for a SP rpt. and 1 IRC. v/s Arturo J. Valdez R., Director. (Gliksmann-IL). ltr. in 3 yrs. for 2 IRCs. (Fisher-MA).
NIGERIA: Voice of Nigeria 15120 f/d cd. in 265 ds. for ms. (Bryant-OK).

- * Plateau Broadcasting Service 5965 via Jog ltr. in 30 ds. v/s F.O.N. Dike, Chief Engineer. (Witte-CA). in 50 ds. for 2 IRCs. (Warner-UK). Radio Kaduna 4770 f/d ltr. in 3 mo. v/s Ismaila Mohammed. (Johnson-TX).
NORTH SOLOMONS: Radio North Solomons 3322.5 f/d personal ltr. in 20 wks. for ms. v/s Aloysius Sahoto, Manager. (Wilkins-CO).
NORWAY: Radio Norway International 9590 & 11870 f/d "Summer" cd. in 27 ds. (Palmerstein-MN).
OMAN: Radio Oman 9735 f/d cd. in 1 mo. v/s Musallam Said. (Johnson-TX). 11890 f/d "Date Palm Tree" cd. in 150 ds. for ms. v/s R.H. Al-Jabry. (Reinstein-FL).
PAPUA NEW GUINEA: Radio Western 3305 n/d ltr. in 4 mo. for ms. v/s Mark Auhova, Provincial Manager. (Lazarus-LA). Radio Western Highlands 2450 n/d ltr. w/ pennant in 5 wks. for ms. v/s Michael Kagl. (Wilkins-CO).
PERU: Radio Huancavelica 4885 f/d prepared cd. in 2 mo. for a SP rpt. and ms. (Lazarus-LA). Radio America 6010 n/d form ltr. in 107 ds. for a SP rpt. and ms. v/s Carlos Antonio Aguirre, Jefe Programacion. (Mikell-IL).
 * Radio Ondas del Titicaca 4922 f/d prepared cd. w/ personal ltr. in 3 wks. for a SP rpt. and ms. Pennant rcvd. v/s Alejandro Nestor, Administrador. (Lazarus-LA). Radio Pampas 4855 f/d prepared cd. w/ personal ltr. in 1 mo. for a SP rpt. and ms. v/s Luis F.D. Mestre Rojas, Administrador. (Lazarus-LA). Radio San Martin 4810 personal ltr. w/ pennant in 71 ds. for ms. v/s Edgar Portocarrero a., Director General. (Darling-UK). Emisoras JSV 6060 f/d prepared cd. w/ personal ltr. in 3 mo. for a SP rpt. and ms. v/s Jesus Santa-Cruz Valencia. (Lazarus-LA). Radio Tarma 4775 f/d prepared cd. w/ personal ltr. in 3 wks. for a SP rpt. and ms. v/s Mario Monteverde P Gerente. (Lazarus-LA). Radio Tawantinsuyo 6175 f/d prepared cd. w/ personal ltr. in 4 yrs for a SP rpt. and ms. v/s Raul Montesinos Espejo, Director-Gerente. (Lazarus-LA).
 * Ondas del Huallaga 3330 ltr. w/ large pennant in 103 ds. for a SP rpt. and 2 IRCs. v/s Flaviano Llanos M., Representative Legal. Also rcvd. XMAS cd., 45rpm record w/ Peruvian music. (Darling-UK).

PERU: Radio Tacna 9485 personal ltr. in 52 ds. for a SP rpt. v/s Yolanda Vda * de Caceres, Director Gerente. (Darling-UK). Radio Tingo Maria 4760 personal ltr. in 50 ds. for a SP rpt. and ms. v/s Tobias Zevallos Cabello, Director. (Darling-UK). Radio San Juan 4890 n/d registered ltr. in 3 wks. for a SP rpt. on my 15th try! v/s Cesar E. Zevallos Leon, Administrator. They need tubes to return to SWBC. (Field-MI). Excellent selection!!!

PHILIPPINES: FEBC 11890 f/d info on the back of a paper pennant. Also rcvd. a cloth pennant in 6 wks. for 3 IRCs. (Lobdell-MA). YOA 11715 via Tinang f/d cd. in 42 ds. (Clifford-FRG).

POLAND: Radio Polonia 6095 f/d "Warsaw Praga District" cd. in 52 ds. (Fort-PORTUGAL: Radio Portugal 11925 f/d cd. in 23 ds. (Somers-NJ). "Fish Scene" cd. in 6 wks. for a taped rpt. and 1 IRC. (Kacir-MI). same in 27 ds. (Topoleski-PA). f/d "Lagosta" cd. w/ sticker in 38 ds. (Robinson-TN). f/d cd. in 36 ds. for 1 IRC. (Scharrer-MI). Radio Renascenca 9680 f/d cd. in 132 ds. for a taped rpt. and 3 IRCs. (Clifford-FRG). (Stephany-NY).

ROMANIA: Radio Bucharest 6155 f/d cd. w/ orange and white pennant in 57 ds.

SAIPAN: KYOI 11900 f/d "Logo/Bird" cd. in 1 mo. for ms. (Palmersheim-MN). same in 27 ds. for ms. (George-NC). cd. in 1 mo. (Gliksman-IL). cd. in 30 ds. (Mikell-IL). 9670 cd. in 61 ds. for ms. (Warner-UK). f/d cd. in 60 ds. v/s Ralph Evgerger. (Fortney-PA).

SARAWAK: Radio TV Malaysia 5005 via Sibiu f/d "Broadcasting House" cd. in 42 ds. (Reinhstein-PL).

SAUDI ARABIA: BSKSA 15060 f/d cd. in 45 ds. for 2 IRCs. (Cobb-ME). (Wack-VA).

SOLOMONS: SLBC 5020 cd. in 14 ds. (Warner-AUST). n/d cd. in 27 ds. for 1 IRC

SOUTH AFRICA: Radio RSA 25790 f/d "Cape Peninsula" cd. in 28 ds. (Scharrer-MI). 15325 same cd. w/ pennant in 29 ds. (Topoleski-PA). f/d cd. in 24 ds. for 2 IRCs. (Kacir-MI). 9615 same cd. in 23 ds. for 1 IRC. (Mayer-PA).

11730 f/d cd. in 29 ds. (Somers-NJ). f/d "Brown-Hooded Kingfisher" cd. in 19 ds. for 2 IRCs. T-Shirt rcvd. (Loudell-TN). 15325, 11730 "Crowned Crane" and "Sable Antelope" cds. in 1 mo. (Wilkins-CO). SABC 4835 f/d "Industry" cd. in 26 ds. for 1 IRC. (Stephany-NY).

SPAIN: Radio Exterior de Espana 15375 f/d cd. in 44 ds. (Somers-NJ). 9630 f/d "Bison Cave Painting" cd. in 30 ds. for 2 IRCs. (Talbot-ALTA). same cd. in 21 ds. (Hosmer-MI). cd. in 28 ds. (Topoleski-PA). 11880 f/d cd. in 42 ds. for a SP rpt. (Robinson-TN). f/d "Dali" cd. in 29 ds. (Scharrer-MI)

15535 f/d cd. in 48 ds. (Palmersheim-MN).

SRI LANKA: SLBC 9720 f/d cd. in 110 ds. for 3 IRCs. (Bryant-OK).

SWAZILAND: Trans World Radio 3335 f/d cd. in 32 ds. for ms. v/s Terri Tangeman. (Bryant-OK). 9730 cd. in 33 ds. for 2 IRCs. (Luke-OH).

SWEDEN: Radio Sweden International 21555 via Varberg f/d "Logo" cd. in 2 wks. w/ sticker. (Palmersheim-MN). 11705 f/d cd. in 23 ds. (Somers-NJ).

SWITZERLAND: Swiss Radio International 9725 f/d "Studio Site" cd. in 18 ds. for 1 IRC. (Ilgenfritz-OH). 11715 same cd. w/ sticker in 107 ds. (Somers)

TAHITI: FR3 15170 f/d cd. in 1 mo. for a FR rpt., tape and 2 IRCs. (Kacir-MI)

TANGIER: YOA 25920 f/d cd. in 9 ds. (Palmersheim-MN).

TUNISIA: Radio TV Tunisia 7225 via Sfax ltr. in 32 ds. for 2 IRCs. (Warner-UK)....Not too often reported here!

TURKEY: Voice of Turkey 9560 f/d cd. in 5 wks. for 1 IRC. (Kapinos-MA). f/d

"Turkish/Women w/ Logo" cd. in 34 ds. (Fortney-PA). 7215 f/d "Costumes and Flag" cd. w/ pennant in 1 mo. for 1 IRC. (Wilkins-CO). Turkish Police Radio 6340 f/d paper cd. in 387 ds. for 2 IRCs. (Palmersheim).

UKRANTIAN SSR: Radio Moscow 9800 via Kiev f/d cd. in 5 wks. (Plum-NJ). 11770 f/d cd. in 38 ds. (Purdum-MI).



"Turkish/Women w/ Logo" cd. in 34 ds. (Fortney-PA). 7215 f/d "Costumes and Flag" cd. w/ pennant in 1 mo. for 1 IRC. (Wilkins-CO). Turkish Police Radio 6340 f/d paper cd. in 387 ds. for 2 IRCs. (Palmersheim).

UKRANTIAN SSR: Radio Moscow 9800 via Kiev f/d cd. in 5 wks. (Plum-NJ). 11770 f/d cd. in 38 ds. (Purdum-MI).

UKRAINIAN SSR: Radio Moscow 12010 via Lvov f/d cd. in 1 mo. (Palmer-shelm-MN) f/d cd. in 45 ds. (Hosmer-MI). f/d "Lenin Library" cd. in 38 ds. (Purdum-MI). 9750 f/d cd. in 45 ds. (Palmer-shelm-MN). 11900 f/d cd. in 44 ds. (George-NC). 7150 cd. in 80 ds. (Aden-OR). 9580 via Starobelsk f/d cd. in 32 ds. (name) 15135 via Vinnitsa f/d cd. w/ pennant in 50 ds. (Hosmer-MI). 7160 via Kiev cd. in 80 ds. (Aden-OR). Radio Kiev 17870 f/d cd. in 47 ds. (Palmer-shelm-MN). 15100 cd. in 73 ds. (Aden-OR). 7165 cd. in 73 ds. (Somers-NJ). 11735 cd. w/ pennant in 6 wks. (Loudell-TN).

UNITED ARAB EMIRATES: Dubai Radio and Colour TV 11755 f/d "Map/Logo" cd. w/ pennant in 32 ds. (Somers-NJ).

USA: VOA 5955 via Greenville cd. in 21 ds. (Topoleski-PA). 15580 f/d cd. in 54 ds. (Rigas-IL). 26000 f/d cd. in 8 ds. (Kapinos-MA)... Thanks for calling me on this one Kap. Good catch at 3AM... Sam. HI: Nylon Radio 7000 f/d cd w/ nylon stocking in 58 ds. 40 watts. (Reinstein-FL)... Station had to run - the FCC was on to them. WVY 2500, 10000, 15000 f/d "Logo" cd. in 2 wks. (Topoleski-PA). Radio Indiana 7425 f/d ltr. in 176 ds. (Ravenhorst-MN). WRDT 7425 f/d personal ltr. in 32 ds. (Fortney-PA). Crystal Ship 7430 f/d ltr. in 4 mo. (Fortney-PA). WYPR 5985 (VOPC) "Sun Fu-Fei" cd. in 37 ds. (Barto-CT). Radio Mambi 7405 f/d cd. in 7 ds. for a SP rpt. Addr: P.O. Box 970155 Miami, FL 33177. (Field-MI). Voice of Syncom 6225, 6250, 6280 & 7375 f/d ltr. in 10 mo. for ms. (Palmer-shelm-MN). 6225 and 7375 f/d ltr. in 2 mo. (Barto-CT). 7373 ltr. in 198 ds. for a taped rpt. (Warner-UK). WRNO 6155 cd. in 45 ds. for ms. (Warner-UK). 9705 f/d cd. in 116 ds. (Topoleski-PA). Voice of the Pyramids 15035 ltr. in 105 ds. for a taped rpt and ms. First QSL for Europe! (Warner-UK). United Nations Radio 17730 f/d "Logo" cd. in 7 ds. (Jones-OH). 15120 via Greenville f/d cd. in 10 ds. (Topoleski-PA). AFRTS

USSR: Radio Moscow 9550 and 9810 f/d cds. in 45 ds. (Palmer-shelm-MN). 7160 cd. in 29 ds. (Somers-NJ). 12010, 11840 and 15540 cds. in 1 mo. (Barto-CT).

VATICAN: Radio Vatican 6015 f/d "Trans Tecnico Center" cd. in 15 ds. (Hosmer-MI).

VENEZUELA: YVTO f/d cd. in 33 ds. for a SP rpt. and ms. v/s (Palmer-shelm-MI). CN. German Romero O., Director. (Sobkoviak-IL). Radio Carora 4910 p/d personal ltr. in 1 mo. v/s Carlos Gonzalo Gonzales, Gerente General. (Craig-head-KS). Radio Frontera 4760 cd. in 267 ds. for ms. (Warner-UK). Radio Rumbos 4970 f/d "Caracus" cd. in 104 ds. for 1 IRC. (Paszkiewicz-WI). 9660 f/d "Farmers" cd. in 5 1/2 mo. for a SP rpt. and ms. (Plum-NJ). La Voz de Carabobo 4780 f/d cd. on 16th try (!) after 7 yrs. Pennant rcvd. (Field-MI).

WEST IRAN: BRI Manokwari 3427 f/d personal ltr. in 42 ds. for an ld-MI). IN rpt. and ms. (Bryant-OK).

YEMEN ARAB REPUBLIC: Radio Sana'a 9780 p/d ltr. in 31 ds. for 1 IRC. (Paszkiewicz-WI). ltr. in 81 ds. for 1 IRC. (Cassidy-IN). 4853 f/d ltr. in 35 ds. for 2 IRCs. (Cobb-ME). ltr. in 40 ds. (Clifford-FRG).

YUGOSLAVIA: Radio Yugoslavia 9620 "Ship Yugoslavia" cd. in 65 ds. (Rigas-IL) f/d "Beograd" cd. in 46 ds. (Stephany-NY). same in 36 ds. (Gundersen-MN). "Folk Costumes" cd. in 56 ds. (Hodgson-SO. AFR.)

ZAIRE: La Voix du Zaire 15245 p/d ltr. in 2 mo. for a FR rpt. and 1 IRC. v/s L. Saye. (Gliksmann-IL).

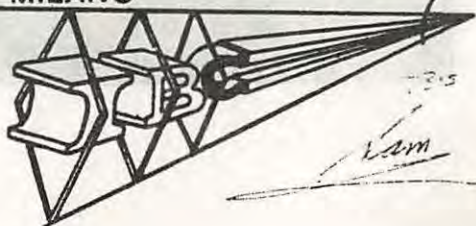
ZAMBIA: Zambia Broadcasting Service 4911 f/d cd. in 110 ds. for ms. v/s Peter Musuba. (Buer-FL).

NOTE: This month we had a total of 103 countries reported to the column. Fairly good! Check out the Peruvian QSLs and some of the others. Seems to be quite a nice selection this time... Just received the address for Radio Vatan from Jim Portney as: Radio Vatan, Interad, U6 12A, D-6800 Mannheim 1, FRG... Thank you Jim. I'd like to thank Jim Talbot, Paul Brouillette, Mark Warner (who just moved from the UK to the land down under), Ron Howard, Richard Davis, Bob Fraser, Jim Kowalski, Carl Mann and Jim Portney for their very nice letters this month... Sam.

ITALIAN BROADCASTING CORPORATION
MILANO

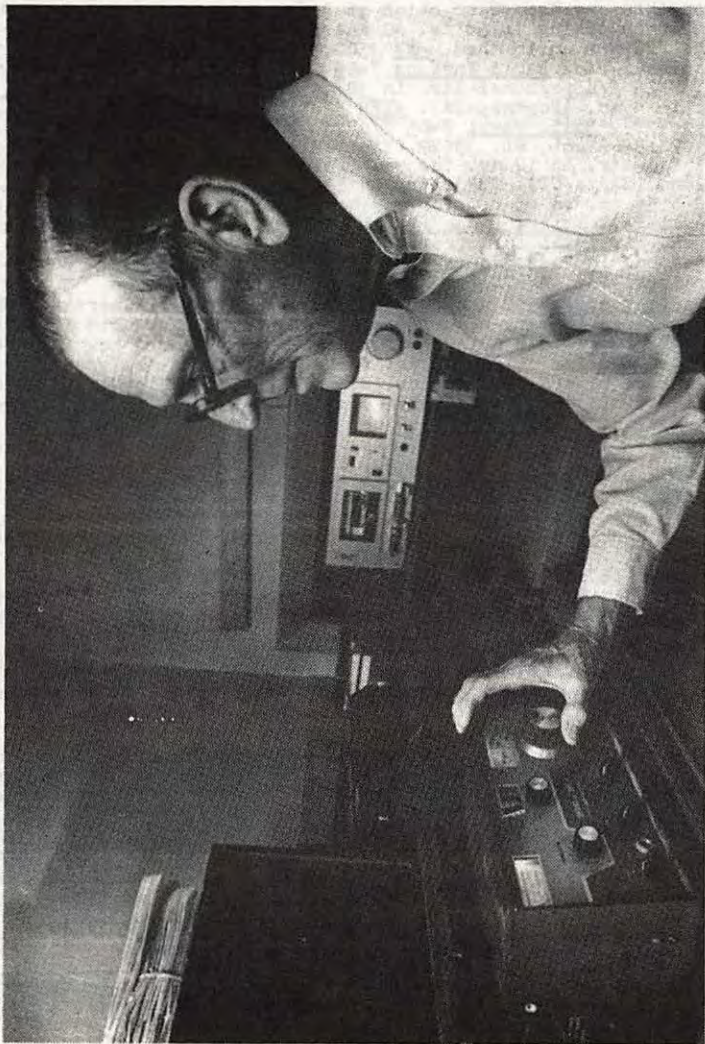
Radio
TIME

FIRENZE



a frendx **PORTRAIT**

This is one of my favorite people. He's Mac Leonhardt, former Executive Director and present Business Manager/Treasurer of NASWA. Mac is the person who handles all that mail you send to P.O. Box 13, Liberty, IN 47353, and he does a tremendous job. Thanks, Mac.



update

April 1983***Number 136

Tom Alleman
615 W. 43rd Terr., Apt. 6
Kansas City, MO 64111 USA
(816) 931-5943 7-10 pm Central ONLY

UPCOMING DEADLINES: 11 April (Mid-Apr) 24 April (May) 10 May (Mid-May)

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OPENING QUESTION: Did you read John Moritz's column last month? Read it again. Then explain to me and to everyone else in the club why you aren't contributing something.

BRAZIL R. Universo, Curitiba, 6020, in PT 0115-0200; followed with difficulty. Prgm consisted solely of informacoes and at least four IDs of "R. Universo, Curitiba, Parana." Mentioned MW and 49m xmtrs. Co-channel QRM, 6021 QRM (probably the Peruvian) and bassy, echoey modulation all added up to tough copy. (Bob Hill, CA 3-14)***Welcome back, OM. tba

BURUNDI Bujumbura, 3300, in lang *0259-0425; drum IS, NA 0301, into lang w/ Afro and light mx. ID and into FR nx 0421. (Artie Bigley, TX)

CANADA RCI, 9685, in EG 0159; ex-11845 and poor. Report on increasing sophistication of Canadian liquor drinkers (eh? How 'bout a game of beerhunter, eh? tba) and mailbag. Het from RAE. (Dale Park, HI 3-7)

CHINA FFBS 2, 3400, in CH 1234+; usual tirades at annoyingly strong level. (tba)+++Hunan PBS, 4990, in CH 1230-1300; strong and regular. Talks by M&W, IDs at half hour and hour. Pips on hour as well. (tba)+++After USSR/FE leaves freq at 0930, Nei Monggol PBS, Huhhot, can be heard on 7200 w/ Chinese network pgm. Dual 6974 but nowhere near as strong. (Hill, CA 3-8)

COOK IS. R. Cook Is., 11760, in EG/Maori 0845; RAE QRM. Mx by Cocker & Warnes, Austin & Ingram, and Dr. Hook, soul mx and into W w/ s/off anncmts. (Park, HI 3-8)

CYPRUS BBC, 7135, in EG 2355-59; vy poor under heavy ARO QRM. IS, relay stn ID, and into World Service. (Paul Choroszy, ME 3-13, 14)

FALKLAND IS. FIBS, 3958, in EG 0859-1005; s/on ID, time check, BBC news to 0915, local wx, top 40 and c&w mx. Noted both 3-14 and -15. Better on 3-14, but good both days. (Bigley, TX)

INDONESIA Indo activity continues good here. Stns noted between 12 and 16 March: 3241 RRI 1230-1300 in checks. Weak but audible. Non-stop talks to 1230 when ID. Later noted w/ SCI but no studio ID possible. Jim Young says this is Ambon in DSWCI. 3250+ RRI 1215-1300 in checks. Talks by M&W, occasional mx. Never better than poor but peaks around 1300 so SCI occasionally audible. Banjarmasin reported in recent DSWCI survey. 3306 Dili (site presumed) 1225-1300; usually has UTE trouble but occasionally clear. Usually talks by M 1230-1300 and SCI on hour.

Occasional Adult Contemporary type mx. 5046 RRI Yogyakarta in IN consistently and well 1230-1300. Talks mostly but some local and light rock mx. SCI on hour and into nx. (all from tba) +++RRI, banjarmasin, found on 5975; at vy good level from 0937 w/ a string of ads sounding much like a Latin. 0959: "Ini-lah Radio Republik Indonesia, Studio Banjarmasin." Into Jakarta relay. Gone at 1102 rcheck. (Hill, CA 3-11)

IRELAND R. Dublin Int., 6910, in EG 0655-0731; fair. ID 0700 for MW, SW and FM, top-40 rock, nx 0730 and spot for Furniture World. (Bigley, TX 2-28)

MALTA R. Med., 6110 in EG *2230-2328*. Good despite heavy BBC QRM. Trumpet fanfare at s/on, full ID and address. Regional nx, mx, mailbag, program information and freqs 2325. Anthem at s/off. Pgms sound top-notch. (Choroszy, ME 3-14)

PERU R. Ilucan, 5617, in SP 1108-43; program of Peruvian flute mx and other selections sung by groups. Several anncmts by M and a couple of mentions of "Radio Ilucan." Recorded echo-effect anncmt 1139 which began, "R. Ilucan." Faded out shrtley afterwards. (Henry Lazarus, LA 3-13)

USA KGEI, 11715, in RS 0233. M asking for reports and into sermon. Bad freq with SRI co-channel problems. (Park, HI 3-11)

USSR An unidentified FE xmtr noted on 5060 w/ Mayak IS at 0829 and Moscow TC for "1130" at 0830. (Hill, CA 3-14)

Two scans this month. First we begin Jerry Berg's Nigerian regional scan. Then it's on to EG on 19m, tnx to Kraig Krist.


freq	Site	WRVH sked	PM reception	AM reception
6195	Sokoto	0430-2305	Good some afternoons to 2200 when QRM builds	freq QRMed

7145	Ilorin	0400-2305	QRMed by RFE	Blocked by RFE at *0400
9570	Kaduna	0400-2400	Freq blocked	Freq blocked.

Jerry's comments are an appropriate conclusion: "Sorry this whole thing can't be more definitive, but most of these freqs are very tough to hear. I thought, when I undertook this survey, that I'd be renewing old acquaintances with some stns I hadn't heard for awhile. The surprise was the difficulty in hearing them at all. Ahhh, for those good ole days."

I can't say anything more. Tnx Jerry for a job well done.

On to EG on 19m courtesy once again of Kraig Krist. This scan covers 15100-15600 and was compiled 7-20 February 1983.

<u>0000-30</u>	<u>0130-0200</u>	<u>0400-30</u>	15260 WYFR (vy weak-may be VoFC relay)
15120 RBeijing	15120 RBeijing	15155 HCJB	
15145 WIMB	15130 RMoscow	15175 VOA	
15205 VOA	15145 WIMB	15240 VOA	
15225 RBeijing	15155 HCJB	15420 BBC	<u>0800-30</u>
15260 BBC Ascen sion (As)	15205 VOA	15475 RMoscow	15115 RAustralia
15300 RJapan	15225 RBeijing	15600 VOA (M)	15120 VoFNigeria
15330 AFRTS	15260 BBC (As)		
15365 WYFR	15330 AFRTS	<u>0430-0500</u>	<u>0830-0900</u>
15400 RBeijing	15400 RBeijing	15155 HCJB	15115 RAustralia
15430 AFRTS	15455 RMoscow	15175 VOA	
15435 BBC	15520 RBeijing	15240 VOA	<u>0900-30</u>
15455 RMoscow		15345 RAE	15115 RAustralia
15520 RBeijing	<u>0200-30</u>	15420 BBC	
	15120 RBeijing		<u>0930-1000</u>
	15155 HCJB	<u>0500-30</u>	15115 RAustralia
<u>0030-0100</u>	15195 RJapan	15120 VoNigeria	
15100 RKiev	15205 VOA	15320 DW	<u>1000-1030</u>
15120 RBeijing	15225 RBeijing	15345 VOA	15115 RAustralia
15155 HCJB	15260 BBC (As)	15425 VLW 15 (ABC)	
15175 HCJB (not //15155)	15290 RadioBras	15600 VOA (M)	<u>1030-1100</u>
15205 VOA	15325 RSA		15115 RAustralia
15225 RBeijing	15455 RMoscow	<u>0530-0600</u>	15400 BBC
15240 RKiev		15345 VOA	
15260 BBC (As)	<u>0230-0300</u>	15600 VOA (M)	<u>1100-30</u>
15300 RJapan	15120 RBeijing		15135 RMoscow
15330 AFRTS	15155 HCJB	<u>0600-30</u>	15225 BBC
15365 WYFR	15205 VOA	15345 VOA	15330 AFRTS
15400 RBeijing	15290 RadioBras	15400 BBC	15400 BBC
15430 AFRTS	15325 RSA	15555 RMoscow	15430 AFRTS
15435 BBC	15345 RAE		
15520 RBeijing		<u>0630-0700</u>	<u>1130-1200</u>
	<u>0300-30</u>	15220 RSA	15135 RMoscow
<u>0100-30</u>	15155 HCJB	15240 RMoscow	15225 BBC
15120 RBeijing	15175 VOA	15345 VOA	15330 AFRTS
15130 RMoscow	15205 VOA	15400 BBC	15430 AFRTS
15145 WIMB	15240 VOA		
15155 HCJB	15345 VoFChina	<u>0700-30</u>	We'll continue with this newest EG
15175 HCJB	15475 RMoscow	15105 BBC (As)	scan in the next UD. Also upcoming
15205 VOA		15115 RAustralia	is a scan of Venezuelan activity
15225 RBeijing	<u>0330-0400</u>	15220 RSA	from Editor John Herkimer and, be-
15260 BBC (As)	15155 HCJB	15240 RAustralia	for too long, a scan of Malaysian
15330 AFRTS	15175 VOA	15345 VOA	activity monitored here in KC.
15345 RAE	15205 VOA	15400 BBC	
15385 RMoscow	15240 VOA	15425 VLW 15	Have a good idea for a scan? Drop
15400 RBeijing	15420 BBC		me a line. Let's talk.
15455 RMoscow	15475 RMoscow	<u>0730-0800</u>	
15520 RBeijing	15600 VOA Mon- rovia (M)	15105 BBC (As)	Best 73--
		15115 RAustralia	



LOG REPORT

section A

2000 to 4899 kHz

Editor: Stu Klein, 642 Cranbury Cross Road, North Brunswick, NJ 08902

We seem to be moving into a period of heightened noise levels, if the last few weeks are any indicator. Be that as it may, there is still much to be heard in the tropical bands. Read on, my friends...

- 2300T KOREA, N Hyesan; 1337 OM/ann in KR w/tlk, f/in & out. No ID. p(Robertson 2/24)
- 2310T CHINA Yunnan PBS; 1338 EZL pop mx w/no break on the hr. 2340 FFBS & 2475 Zhejiang also hrd. f(Fisher 3/1)
- 2340 CHINA FFBS #1; 1350 EG lang lesson. f(Robertson 2/25)
- 2375 UNID 1344 C&W mx w/OM/ann in lang to poss anthem 1400, too wk to tell. Anthem then off also on 2340. PNGs on late? p(Fisher 3/7) Quite poss—sdk
- 2390 MEXICO R.Huayacocotla; 0019 SP M speaking w/W, occ segs of mx, but mainly the talking. p(Bolland 2/19) 0026 Pop mx "The Rose" to 0032 tkl by OM & YL, ID by YL & cont tkl. In clear w/QRN. (Valko 2/4) 0105 Lots of tkl by M, ID, then rushed s/off ann w/IDs 0114 and off. f(p(Meyer))
- *2475 CHINA Zhejiang PBS; 1324 CH class mx to 1330 EG lang lesson beginning "Hello everyone" which surprised me, and included radio play. (Fisher FT224)
- 2850 KOREA, N Pyongyang; 1129 KR shouting, then choral mx. (Wilknor 2/28)
- 3015 KOREA, N Pyongyang; 1132 Choral mx, not // 2850. (Wilknor 2/28)
- 3205 BRASIL R.Riberão Preto; 0052 Fast f/in after 0030, PT tkl by M, typ Brz mx, IDs 0100, g/vg after 0130. (Meyer 3/14) †QRM(Biller)
- 3210 MOZAMBIQUE Maputo; 0335 Disco, jumpy Af mx. Quite loud despite het & †
- 3215 CELEBES RRI Manado; 1230 Much muzak, SCI on hr. (Alleman FT225)
- 3222 TOGO Lama Kara; 0605 ID by M in FR, nx, sevl flute Kara, f/g(Meyer 3/14)
- 3225T VENEZUELA R.Occidente; 0058 YL vocals w/tlk betw sels by M, LAM pops, too much QRN to get positive ID. (Meyer 3/14)
- *3230 NEPAL R.Nepal; 1440 Cmty in EG by YL w/mx bridges of Nepali inst mx. ID as "This is R.Nepal" 1450, then YL w/intl nx in EG. (Sparks 2/13)
- 3230 PERU R.El Sol de los Andes; 1005 SP tkl foll by mx, tkl after each tune. 1012 Type flute mx of Peru, ID as R.El Sol, more flute mx. p(Bolland 2/6) 1005 Px of huaynos and mensajes, sevl IDs by M, wk but clear, makes me homesick! (Meyer)
- 3230 SOUTH AFRICA R.RSA; 0411 M w/tlk, foll by mx to 0423 ID by M then the nx was presented. p(Bolland 2/27)
- 3240 ECUADOR R.Cult. Antena Libre; 0030 Full ID on the † hr by M, huaynos mixed w/LAM pops, heavy fades. p(f(Meyer 3/15))
- *3250 HONDURAS R.Luz y Vida; 0212 Noted here w/tlk by OM, many low-key vocals w/guitar strumming, sevl taped IDs. Full ID, fqys, QTH 0409, then abrupt s/off 0412 during organ mx. f/het off SABC(Lobdell 3/9) 0038T Poss sermon by M, sevl ment Honduras but couldn't make out ID. f(Meyer 3/15)
- 3250 SOUTH AFRICA R.5; 0304 Singing IDs & pop mx in EG. f(Fisher 3/1)
- 3255 LIBERIA ELBC; 0615 Fast tkl by M in lang, EG ID, strong. (Meyer 3/14)
- 3255 VENEZUELA LV de El Tigre; 0104 SP ads into ID/TC by M, fast LAM pops, criollos. g(Meyer 3/14) 0342 M w/ID, into Rumbos net nx w/2 note chimes betw items. 0347 LAM tunes w/OM tkl. f(D'Angelo 2/13)
- *3265 CELEBES RRI Gorontalo; 1432 Soft IN pop mx, SCI to 1500 Jak nx w/wk audio on relay. 1513 Polit sounding speech by OM, also on other Indos. 1524 SCI & s/off ann to 1528*. Vy strong before 1500, down to p by 1520. (Fisher 2/27)
- 3270 SOUTHWEST AFRICA Windhoek; 0415 Rel px in Vernac. QRM off UTE & #'.s. (Biller)
- 3275 VENEZUELA R.Mara; 0105 SP pop mx, ballads, ann by M w/reverb, IDs. g(Jordan 2/24) 0108 Sevl LAM inst mx sels, then ID by M. xlnr(Meyer 3/14) 0350 LAM mx, ID by OM 0354, fqys, s/off ann, NA, 0356*. g(D'Angelo 2/13)
- 3280 ECUADOR LV del Napo; 0048 LAM mx w/M/DJ, long tkl betw sels w/ID each time. p(f(Meyer 3/15)) *0959 Accordion mx to 1001 ann by M "Alabado sea Jesucristo" and s/on ann. f(g(Stephany 2/18))
- 3285 BELIZE RB; 0040 US pops, EG ID by M 0044, tkl by YL. g(Meyer 3/15) 0212 Relay of BBCWS px, lcl ID 0215 & 0230, SP px from 0230. f(D'Angelo 2/22) 0345 LAM mx, R&Bs, M/ann w/SP tkl, ID 0400, EG nx on Pope's visit. (Bragg 3/3) 1148 C&W, MoR, LAM mx, OM/ann w/tlk on history of lcl church to 1201 ID. g(Hensley 3/1) Hi Baxter—sdk † f/het(Biller 2/13)
- 3287 MADAGASCAR Antananarivo; *0257 IS, into choral NA, ID 0300, into rel px.†
- 3300 BURUNDI Bujumbura; 0415 FR nx by M, 2 IDs, f w/lite QRM off LAM sta. (Meyer) 0420 Rapid Fr tkl by M, loud till 0435 f/out. (Biller 2/13)

- 3316 ECUADOR R.Pastaza; 0337 HC mx, SP tkl betw songs, ment sevl towns, ID 0448. Kept going on and off the air. g when on (Valko 2/6) *1130 Late s/on w/NA, IDs by M, string of ads and into huaynos. p(Meyer)
- 3325 BORNEO RRI Palangkaraya; 1408 Presumed lcl nx since ann ment Palangkaraya and berita often. g(Fisher 2/28)
- 3325 ECUADOR Ondas Quevedeñas; 1120 OM w/lengthy tkl, IDs, folk mx. wk(Jordan 2/24)
- 3325 GUATEMALA R.Maya; 0145 Marimbas, string of ads and mensajes, ID by M. QRM off another LAm (Quevedeñas?) (Meyer 3/15) † f(Meyer)
- 3340 MOZAMBIQUE Maputo; 0305Af inst mx for 10 min, into PT tkl by M w/single ID.†
- 3350 GHANA Ejura; 0620 Lang tkl by 2 M, ID 0628. f(Meyer 3/14) 1800 EG nx by YL, tkl. g(Vance-FRG 2/20)
- 3360 GUATEMALA LV de Nahuala; 0045 Marimba mx w/M/ann. strong(Krause 2/20) 0240 Usual marimbas, def ID by M 0248, much QRN. p(Jordan 2/24) 1135 Slo marimbas, into ads and tkl by M w/2 IDs. g but fading fast(Meyer)
- 3365 BRASIL R.Cult. Araraquara; 0320 M/ann w/carnival px. Full ID 0328, then into more mx. (On late for carnival?) (Murff 2/14)
- 3366 GHANA Accra; 0628 EG tkl by YL w/ID, f/out 0635. Wkr than 3350(Meyer 3/14)
- *3367 IRAQ Baghdad; 1726 Persian, nx 1732, lcl mx, IDs. f/g/UTE QRM(Vance-FRG 2/6) In previous years, this was listed as coming from Hurriyah; this year it's given as Salman Pak. Given that both are just a hoot'n a holler from Baghdad, I think that we'll list it as the latter from now on and avoid confusion--sdx
- 3370 GUATEMALA R.Tezulutlan; 0048 Usual marimbas, ID in SP and lang. g(Meyer)
- 3370T MOZAMBIQUE Beira; 0403 Deep voiced Vern ann, rapidly fading. (Billar 2/13)
- 3375 BRASIL R.Nal. São Gabriel; 0128 In w/pop mx, full ID w/fqys, foll by a few ads, then more mx. f(Bolland 3/3) 0140 ID & fqy info by M into tkl & mx. p(Meyer)
- 3380 GUATEMALA R.Chortis; 0250 Mix of marimbas and campo mx sels, IDs, ann by diff M/ann, to 0301* w/marimba ditty. g(Jordan 2/24)
- 3381 ECUADOR R.Iris; 0305 Mostly LAm pop sels, brief flute inst piece, muffled audio M/ann w/ID & QTH. vp(Jordan 2/24)
- 3385 FRENCH GUIANA FR3 Cayenne; 0322 Celebration of some sort w/conversation-interviews, live mx. ID 0330, more festivities. vg(D'Angelo 2/13) 0938 Inst mx to 0945 tkl by YL and M. f(Meyer)
- 3385 TIMOR RRI Kupang; 1500 Jak nx, lcl ID, Love Ambon and off. vg(Fisher FT224)
- 3395 VENEZUELA R.Universidad; 0309 Many sels of US pops, top 40s, etc. Sevl IDs and NA 0400*. f(Jordan 2/18)
- 3396 ZIMBABWE Gwelo; 2000 EG nx, lcl mx, ID 2005. f/g(Vance-FRG 2/20)
- 3400 CHINA FFBS #2; 1147 CH W singing, 1150 tkl by W, more mx. p(Bolland 2/13) 1155 Slo songs w/ann by YL, fading & mucho QRN. f(Buer 2/19) †Kuznecovs-AUS FT225)
- 3778 IRAN Tehran; 1602 M in presumed Persian reading. 1610 Discussion by 2 men.†
- 3799 PERU R.Esmeralda; 0945 Huaynos, ads, ID 1000 into short nx by M. g(Meyer)
- 3910 JAPAN FEN; 1150 Nitely oldies show w/Jim Pewter till 1200, sta ID on hr, then Wolfman Jack show. vg(Polchlopek 2/21) So that's where ole Wolfie went to!--sdx
- 3930 KOREA,S Susewan; 1330 KR rock mx, no less! p(Robertson 2/23)
- *3958 FALKLAND ISLANDS [No, I have not gone batty--read on!] *0859 Short anthem foll by ann and ID "This is the Falkland Islands Broadcasting Station." 0900 Time pips and BBCWS nx, 0909 Review of British Press, to 0914 lcl weather. 0915 Another full ID and TC as "Quarter past 6," then a morning px called "The Breakfast Show" [where have I heard that before?] featuring soft pops & TCs. Sig fades out by 0945 or so. (Fisher 2/24, Mikell 3/4, Young 3/4, Lucas 3/9 (who also mentions that the DJ mentioned a phone call to the station by our own Jim Young), and Sparks 3/4, with thanks for a 1:15 AM phone call from Young)
- *3975 JAVA RRI Surabaya; 1448 Pop mx, RRI nx & short anthem after nx, 1525 Gamelan mx px to 1539 f/out. f(Fisher 2/26)
- 3990T CHINA Xinjiang PBS; 1427 CH folk mx to f/out. f/ARO QRM. (Fisher 2/27)
- 3995 GERMANY,W DW; General mx, GM ID, martial mx. f/ARO QRM(Fraser 2/26)
- 4000 CAMELON Bafoussam; 2007 Sevl FR IDs, tkl px, nx 2030. f/g (Vance-FRG 2/5) 00540 Pop & Af Hilife mx, OM w/trl. RTTY/QRO QRM. p(Witte 3/5)
- 4020 CHINA R.Beijing; 1120 F/ann w/trl. g(Wilkner 3/9). Listed KR--sdx
- 4050 KIRGHIZIA Frunze; 1036 Semi-pop vocal mx, M & F tkl. g(Wilkner 3/2)
- 4274 KOREA,N Kanggye; 1040 Here rather than 4272 w/YL KR tkl, lite concert mx. PX was // Wonsan on 3030. vg(Sparks 3/6)
- 4380 CHINA FFBS #2; 1154 Noted in //3400, CH singing & tkl. f(Bolland 2/13)
- 4460 CHINA CPBS #1; 2300 Ch tkl by M & W, noted // many other fqys. (Alexander)
- *4465 BOLIVIA R.Movima; 0428 LAm mx, SP tkl by M 0429, more mx. TC 0435 along w/ment Bol, class type mx. Ment Movima 0448. Pleased w/this! Solar Flux at 55(Valko)
- 4485 ARSRFSR Petropavlovsk-Kamchatskiy; 1203 RS M & W reading nx. p(Bolland 2/13)
- *4485 BASHKIR ASSR Ufa; 0203 M babble in non-RS lang presumed to be TB, f sig but heavy QRM(Crawford FT224)
- 4525 CHINA Unid; 1050 Noted // 6974 in Mong w/ann and mx, regular PBS time pips 1100, then nx in Mong by M & YL. Urumqi listed in Mong 4220 not hrd; maybe a move of that here?(Sparks 3/6)

- 4607 UNID 1207 M & W tlc in lang to 1211 M tlc, followed by f/out. This is poss Son Be, Vietnam, but no ident. p(Bolland 2/13)
- 4635 TADZHIKSTAN Dushanbe; 0023 Tlc by M & W. f(Wilkner 3/5)
- 4656.5 ECUADOR CRE; 1150 Vy wk Lam sta, fqy and lang leave little doubt about ID. (Krause 2/19) Oh, I don't know about that...many things are possible!—sdk
- 4696 BOLIVIA R.Riberalta; 0257 Lam folk songs & pop ballads, accordion & guitar mx. M/ann every 10-15 min w/TC, ID, etc, to 0403*. First time in well(Cunningham 2/5)
- 4719 CELEBES RRI Ujung Pandang; 1125 F/ann in IN, lcl EZ mx, F w/sta ID 1129, M w/diff prog at 1130, mx. (Polchlopek 2/21) 1216 IN tlc by M & W, then W alone. f(Bolland 2/13)
- *4725.5 BURMA BBS; 1415 OM/ann in presumed Burmese w/lont tlc. p(Robertson 2/14)
- 4740 AFGHANI SSR RA; 0132 M chanting in lang, 015 tlc. p(Bolland 2/13)
- 4750 CHINA Mei Menggu PBS; 1140 CH reg mx w/strings, M/ann w/tlc, more mx. f(Klein)
- *4753 CELEBES RRI Ujung Pandang; 1000 IN songs, very strong, here rather than usual 4719. On wkend of 3/4, however, was back to normal freq. (Sparks 2/27)
- 4755 BRASIL Rdfa. Maranhão; 0150 PT pops, ID, piano interlude 0200. (Alexander 2/9)
- 4755 BRASIL Unid; 0500 Presumably a new station testing with continuous miserable hard rock mx most of the time. Only two ann hrd in over an hour listening. At 0530 & 0605, canned ID completely unreadable due to poor reproduction, but Brasil readable as location. (Sparks 2/12) Bill, is there any particular reason that you believe this is not Maranhão? —sdk
- *4755 PERU R.Huanta; 1025 Vy OM w/tlc, TC, ID, Lam pop mx. f thru bad het(Klein 2/21) 1030 Mx, ID 1048. (Field 2/23) 1041 Continuous mx, TC betw tunes. 1047 Full ID & TC. On hr, nx. p(Bolland 2/28)
- 4765 BRASIL R.Nal. Cruzeiro do Sul; 0405 M/ann w/PT tlc, ment Nal. do Amazonas (net px), more tlc. f(Klein 3/9) 1035 In with tlc & mx. f(Bolland 2/15)
- 4765 LIBERIA ELWA; 2220 Rel px in EG hosted by M, rel mx, s/off ann, NA and 2310*. g(Valko 2/18) 2240 Rel mx, prayer, more mx, to diff rel px 2245. p(Bolland 2/25) 2242 Songs in the Nite px, ID, QTH, sked, asked people to write, NA. f/g(Paskiewicz 2/13) *0557 IS, s/on ann, some QRM off 4770. (Wack 2/15)
- 4770 NIGERIA Kaduna; 2150 EG nx, pops. (Weinhold 2/19) 2303 EG nx read by M, ID 2304, TC, ID again, mx, cmty. Bolivar QRM(Valko 2/22) 2309 "R. Nigeria presents Masters in Mx" px. YV takes over fqy by 2315. f(Bolland 2/11) 2340 C & W mx, M/ann. vg(Krause 2/20)
- 4770 VENEZUELA R.Bolivar; 2203 Lam vocal mx, tlc & IDs by M/ann. QRM off Nigeria and another Lam station. (Valko 2/23)
- *4775 PERU R.Tarma; *1100 M/ann w/s/on ann - ID, fqys, etc. - into Andes/OA flute mx sels. f(Klein 2/21) 1109 Mx, TC "en Tarma" at 1109, gone by 1125. (Field 2/28) 1111 Beautiful OA mx, tlc w/canned ID, calls, fqys, nother ID 1115. g(Valko 2/5)
- 4777 GABON Libreville; 2231 In with mx & a few cmts, then more mx. Format continues for 10 min or so. p(Bolland 2/25) 0445 OM/ann w/old mx, Af tribal mx. f(Witte 3/3)
- 4780 VENEZUELA LV de Carabobo; 1137 Perry Como tune, full ID, TC. f(Bolland 2/7)
- 4781.1T HONDURAS R.Juticalpa; 1145 M/ann in SP w/LAM mx, def ID not poss.f(Krause 2/19)
- 4783 MALI Bamako; 0605 M/ann rdng the nx in FR, sevl ment Bamako. p(QRM(Klein))
- *4785 SWAZILAND TWR; *0425 IS, EG ID, into rel px in lang 0430. f/p(Howard 2/25) 0428 IS, EG ID, lang rel px. (Sparks 2/12) 0430 Same (Witte 3/3)
- 4790 PERU R.Atlantida; 0045 M/ann w/cont pop mx foll by lcl mx. Many IDs & px info at 0500, then more mx. f(Krause 2/18) *0909 NA, s/on ann 0910, mx & same s/on ann again 0917, TC, mx. vg(Stephany 2/18)
- 4795 ECUADOR LV de los Caras; 0100 Two lite Lam pop sels, then M/ann w/multi IDs, more mx and tlc to 0130. f(Jordan 2/28)
- 4797T BOLIVIA R.Nueva America; 1030 SP tlc, can barely copy thru QRM that overwhelms the fqy. Presumed. (Bolland 2/28)
- 4800 ECUADOR R.Popular; 0445 Mx of usual variety, ID 0505. (Field 2/28)
- 4800 LESOTHO Maseru; *0400 NA, YL w/s/on ann in lang, choral mx to 0430. (Atkins 2/23) Same (Paskiewicz 2/13) 0405 Rel mx sels. g(Field 3/1) Same (Gundersen 2/27)
- 4800 VENEZUELA R.Lara; 2336 Tlc by M, ment of stereo, jingles, echo IDs w/fqys and calls. Into Lam mx. g(Valko 2/22) 0320 Lam ballads, ID, more mx. (Thunberg 2/16)
- 4810 ARMENIA Yerevan; 0210 RS tlc by M, mostly lite inst mx sels, poss nx 0300 but didn't hear usual time pips or IS. (Alexander 3/6)
- 4810 GABON Af #1; 2145 FR mx, tlc, IDs. g(Bainbridge 2/17) 2230 Lite pop mx, M/ann in FR. (Krause 2/20) Same (Weinhold 2/18)
- 4810 PERU R.San Martin; 0930 OM/ann w/BD, small tlc, TC, ID, OA Flute mx(Klein)
- 4815 BRASIL R.Nal. Tabatinga; *1000 OC, opening tune, M/ann w/Bow Dia, ID, fqys, calls, etc. vg(Klein 3/19) 1033 Mx and tlc to 1038 ID as R.Nal. f(Bolland 2/15)
- 4815 PERU R.Amazonas; 1020 Nice lilting Andes mx sel, M/ann w/TC, ID, more mx. f(Klein 2/21) + (Kuznecovs-AUS FT225)
- 4820 ANGOLA Luanda; 2115 M w/exc description of spts event. W w/PT nx 2200.†
- 4820 HONDURAS HRVC; 1225 M/ann in SP w/rel mx px. g(Krause 2/19)
- 4825 AERSEFR Vladivostok; 1229 FS IS and into oriental lang w/ID. Has been listed as RSP&P but no sign of anything other than RMFS material. (Alleman FT225)

- 4825 PERU LV de la Selva; 1106 M w/ann "La Selva y El Mundo." (Wilknr 3/10) 1053T Tlk betw M & W to hr, poss ID, too much QRM to copy. (Bolland 2/16)
- 4832 COSTA RICA R.Reloj; 0800 SP mx, nx by M, IDs. g(Bainbridge 2/25) 0810 OM w/tlk ID, LAM mx. Hrd El Paso ment(Hensley 3/2) Maybe he knew you were listening!—sdk
- 4835 BRASIL R.Nal. Boa Vista; 0323 PT EZ mx, clk by YL, IDs by OM as R.Nal. and also ment of Brasil. QRM off Tachira. f(Valko 2/18)
- 4835 GUATEMALA R.Tezulutlan; 1200 M speaking slowly mixed w/class guitar mx. ID 1215 and new px. g(Krause 2/19) Hi Bill—sdk
- 4840 CHINA FFBS #2; 1145 F/ann w/tlk, CH opera style mx sel, more tlc. f(Klein 3/14)
- *4840 INDIA AIR Bombay; 1229 Ind mx and tlc by W, when more mx. p(Bolland 2/13) 1425 Ragas and other such mx, pips and ID 1430. p(Robertson 2/15)
- 4840 PERU R.Andahuaylas; 1057 ID, ment of sev towns, spirited Andes mx. f/p(Forth)
- 4840 VENEZUELA R.Valera; 0319 OM ID, slo LAM mx, nother ID, more mx. f(Hensley 3/2)
- *4845 MOLUCCAS RRI Ambon; 0950 IN songs by YL, //much weaker 3241. ID 1000 and IN mx. Noted back here after about 2 wks on 4864. (Sparks 2/12)
- 4845 MAURITANIA Nouakchott; 2220 AR tlc by M, AR mx. (Weinhold 2/18) 2240 AR chanting and drums to 2300 nx, brief ID 2305. p(Bolland 2/11) 2330 Drum mx w/string inst and chanting. f(Krause 2/19) 0605 String/drum mx, chants, AR ID, nx in FR. f(Witte 2/19) 0633 ME wailing by YLs, sting mx. g(Meyer 3/14)
- 4848 BOTSWANA Gaborone; *0355 Cowbel and barnyard IS, NA, lang ID by W, rel px by M, rel mx. f(Paskiewicz 2/28)
- 4850 CAMEROUN Yaounde; 2150 FR tlc, mx. (Weinhold 2/19) 2300 Vy somber mx, almost like a funeral march. vg(Krause 2/19) 2300 M & F/ann w/FR & EG nx, mx.f(Bobb 2/24)
- 4850 SURINAM SRS; 0132 LAM, big band, rock, calypso mx, lang tlc. (Gundersen 2/27) 0220 EG pops w/M/DJ, deep fades, strong sig. (Wilknr 3/7)
- 4851.2 ECUADOR R.Luz y Vida; 0630 HC pop m sels, HC mountain mx, M/ann w/TC, ID. f/g(Klein 3/20) 1130 Quick tempo LAM mx, M/ann w/ID 1145.f(Krause 2/19)
- 4855T PERU R.Pampas; 1000 Mx px w/great deal of tlcng. Hrd "Aqui...capital...Peru", poss ID. (Field 3/3)
- 4860 EURFSR R.Moscow; 0128 Nam svce w/tlk & mx. f(Bolland 3/1) Kalinen Feeder—sdk
- 4870 BENIN Cotonou; 2207 M w/FR tlc, Af mx, more tlc, freq IDs as R.Benin. p(Bolland 2/25) 2215 2 M w/FR chatter, mx. (Weinhold 2/18) 2225 FR tlc by sevl M, bells, ID, NA, 2303*. g(Valko 2/22) 2300 MoR mx, tlc, ann, NA. f(Fraser 2/17) 0640 FR tlc by M, poss interview, ID, nx. g(Meyer)
- 4870 ECUADOR R.Rio Amazonas; *1003 Inst HC NA, ann by YL in Ind lang, chimes/ID by OM in lang 1014, flute/guitar melodies. g(Lobdell 3/12) 0140 Full ID, TC, tlc, no mx. f(Bolland 3/1)
- 4875 COLOMBIA LV del Norte; 0035 LAM mx, tlc by 2 M/ann, ment Super and Tachira, Venezuela, TC, LAM pops, ID. f(Valko 2/23)
- 4875 COLOMBIA R.Super; 0703 ID, TC, SP ballads, OM DJ. (Purdum 2/24)
- 4875 WEST IRIAN RRI Sorong; 1239 M w/IN tlc. vp(Bolland 2/13) 1344 EGI! vocal mx, ID, F/ann in EG w/listener letter, mx, M in lang. (Polchlopek 2/19)
- 4885 COLOMBIA Ondas del Meta; 0545 HJ mx sels, def ID 0600. f(Krause 2/18)
- 4885 PERU R.Huancavelica; 0755 LAM pops, Andean flutes, big ID/promo string 0800 by 2 OM/ann w/echo effects. Dominant over HJ. g(Jordan 2/12)
- 4890 ECUADOR R.Centinelas del Sur; 0003 Nx px "...Impacto," ment of Loja and Sucre and ID 0005. g(Reinstein)
- 4890 PAPUA NBC; 1040 Tlk by Sec of Educ on level of educ in PNG to 1053, EZ mx to hr, natl nx, then Jazz Spectrum. (Polchlopek 2/15)
- *4890 SENEGAL Dakar; 2205-0003* Vernacular px w/FR IDs as "Radiodiffusion Television du Senegal...service national." FR nx to 0002, and abruptly off 0003. (Billr, Bolland, Cobb, Jordan, Reinstein 3/1 and after) *0556-0803* Harp IS to NA, M/ann w/s/on ann, ID, Koran reading. (Alexander, Bobb, Hensley, Klein, Lobdell, Mikell, Sparks 3/1 and after)

Klein's oddball abbreviations: FRG=Germany, W.; AUS=Australia; TB=Tatar-Bashkit; FT=Fine Tuning, a frequently published DX newsheet put out by Dan Ferguson of S.Charleston, WV.

Editorial.....Editorial.....Editorial.....Editorial.....Editorial.....

At the start of my second year as editor of this column, there are a few things that need to be said. As you have probably figured out by now, I enjoy doing this...don't ask me why! I enjoy the correspondence that such a column engenders. In fact, there are only two things that really annoy me about it. The first is that so few people contribute to the bulletin. Damn it! It's your club! It's not supposed to be a magazine that you subscribe to! The second sore point is that material which belongs in the loggings sections is sent to other sections where it does not belong. You do not expect to see QSLs or station schedules here; and as Glenn Hauser put it in Listener's Notebook a few years ago, "...DX loggings...should go to LR, not LN..." The same goes for all other non-loggings sections. So why do loggings still find their way to other sections?? I've been meaning to say this for some time, but room has been lacking. End of editorial. With that off my chest, I leave you with 3's & 7's, and we'll see you in May. *John*



LOG REPORT

section B

4900 to 6199 kHz

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

- 4900 VENEZUELA R. Juventud, Barquisimeto, man DJ with US pops, 3-3 0130 (Thunberg).
- 4905 CHINA Peking, in Chinese, weak but improving signal at 2245 on 2-28, lady talking (Billier-NJ); 2245-2300* on 2-10, Chinese language, fair signal with talking by man and woman, 6 pips at 2300 and off (Alexander-PA).
- 4907 VENEZUELA R. Carora, on 2-12 from 2254 to 2317, mx, commercials, TCs, IDs at the top of the hour, fair-good sig with ute QRM (Vance-FRG).
- 4910 INDONESIA RRI-Bukittinggi, 2350-0014 on 2-20 on Indonesian, local IDs by gal, "Love Ambon" at 2357, into Jakarta news at 0000; 0014 fade, fair-poor with ute QRM (Vance-FRG).
- 4911 ZAMBIA Lusaka, 0403-0425 in vernacular, Afro rhythms, many IDs, good level on 2-8 (Atkins); nx by man in language at 0404 on 2-17, ID 0412, mentions of Zambia and Lusaka several times, Afro mx 0418, fair sig (Passkiewics); 0406 on 2-23, vernacular, talks by several people, guitar mx, couple of IDs, hi-life Afro mx at times, seemed like EG at 0500 with TC by man in GMT; believed nx by YL; good at first, some ute QRM (Valiko).
- 4915 BRAZIL R. Anhangara, 0850 on 3-5, Brazilian pops, ID at 0900, amts (Alexander-PA); ID and fqs at 0900 on 2-13, pop mx, good signal (Forth).
- 4915 CHINA Guangxi PBS, Nanning, on 2-20, 2252-2325, Chinese language, CH mx program, IDs, faded out 2325, fair-good signal (Vance-FRG).
- 4915 COLOMBIA Armonias de Caqueta, Florencia, 0131 on 2-24 with ID, call letters for MW and SW, possible religious message, soft mx; fair-good (Forth).
- 4915 GHANA Accra, 2020-2129 2-20, vernac., devotional, radio play, mx, fair-good with ute QRM (Vance-FRG); *0600 on 2-21, EG, drum IS, ID, poor-fair (Wack-VA).
- 4920 AUSTRALIA ABC-Brisbane, rock mx 0844 2-14, ID, nx, fair-vy.good (Stephany-NY); pops 0845 2-19, IDs, much QRM (Sainbridge-WV).
- 4934 KENYA Nairobi, mx only, 0431 to 0445 fade, no ID, poor sig, down in noise 2-14 (Bolland-FL).
- 4935 PERU R. Tropical, Tarapoto, 0349-0356 2-25, long talk, brief mx, then several FL. IDs by man, back to mx; poor, heavy QSB (Valiko).
- 4940 IVORY COAST Abidjan, 3-5, 2330-0002*, in FR with native mx and talking; //7215, both channels poor, 11920 inaudible; s/off with NA (Alexander-PA); on 2-15, *0600 with IS, FR ID, nx, mx, fair signal (Wack-VA).
- 4945 COLOMBIA R. Colosal, Neiva, world nx at 0343 on 2-16, Caracol ID (Thunberg); LA vocals 0711 on 2-27, pops, Caracol ID 0715, to 0721 (Purdum).
- 4950 CLANDESTINE Voz de Verdade, 0351-0404 2-2, PT, pops, some Afr mx, mentions of Luanda, drums, more pops, PT talk by man; fair-good (Valiko).
- 4950 SARAWAK Kuching, 1107 3-4, instr. mx, brief talk, //7160 (Wilkner); 1430-1517, mx, pops, talk, quiz show, all EG (Sharpe-CA).
- 4955 BRAZIL R. Marajoara, Br. pops 0915 3-5, amts, ID 0917 (Alexander-PA).
- 4965 COLOMBIA R. Santa Fe, Bogotá, 0358-0403 2-23, ID, LA mx, good with SWA QRM (Valiko); ID 0716 2-24, SP vocals (Purdum).
- 4965 NAMIBIA R. SWA, 2312-2330 2-23, EG ID, mx, bad fading (Bobb).
- 4970 VENEZUELA R. Rumbos, Caracas, 0435-0459 2-20, up tempo LA mx, ID, NA, off (Sharpe-CA); LA mx, ID, 0459* with NA, 2-15 (Thunberg).
- 4975 COLOMBIA Ondas del Orteguzaza, Florencia, 1101-1120 3-2, mx, ads, ID, still audible as ute started idling at 1115; fair-poor (Bolland-FL).
- 4980 VENEZUELA Ecos del Torbes, ID 0000 2-13 (Fraser-MA); 0219-0246 2-17, TCs, ads, EG amt 0243 promising QSL, exc sig (Stephany-NY); 1053-1100 3-2, good sig (Bolland).
- 4981 ECUADOR Apparently R. Tarqui, 4970, 2-27 only, mixing with YV 1020 but improving, and quite good by 1100. Live prgm, sev. mentions of R. Tarqui, tho no ID as such. Sinking fast by 1120. Not hrd since (JB).
- 4990 CHINA Hunan PBS, Changsha, 2335-0000 2-12, CH mx, several IDs, fair-good (Vance-FRG).
- 4990 S. AFRICA R. RSA, EG 0420-0430, mx, ID, IS, into FR 0430, poor on 2-27 (Bolland-FL).
- 4990 VENEZUELA R. Barquisimeto, LA ballads at 2350 2-16, ID, pops (Thunberg).
- 4996 ECUADOR R. Baha'i, Otavalo, ID, fqs 0348, NA 0352, caliope, pip, 0400* (Lobdell-MA).
- 4996 PERU R. Andina, Huancayo, mx 1044 3-2, ID, TC, fair sig (Bolland-FL).
- 5003 ECUATORIAL GUINEA Bata, 0525-0600, SP/vernac., ID as R.Nac 0550, fair, WWV QRM (Atkins).
- 5005 SARAWAK Sibiu, poor-fair w/talk 1133-1150 fade 3-10, //4895 stronger but faded 1st (Wilkner).
- 5010 CAMEROON Garoua, EG nx 0533-0547 2-14 in National Svc, poor-fair (Krist-VA).
- 5010 COLOMBIA R. Surcolombiana, Neiva, nx to 0400 2-8, IDs, coms., mx, F-G (Vance-FRG); local mx 0316 on 2-13, ID and TC, vy good strength but with ute QRM (Forth).
- 5030 CHINA Peking, NF, 1224-1238 2-28, orch. mx, ID, CH lesson, //9820; for who? (Buer-FL).
- 5030 PERU R. Los Andes, Huamachuco, RAR 0640 2-27, many IDs, strong and clear (Sparks-CA);

- TCs 0752 3-3, ads, call and fgy 0758, poor (Mikell-IL); 1052-1115 3-1, mx, ads 1055, full ID 1100 with fgy, good sig (Bolland-FL).
- 5035 CENT. AFR. REP. Bangui, ID 2235 2-28, DJ, fair sig but exc audio clarity (Billor-NJ).
- 5035 PERU R. Imagen, Tarapoto, mx from 1045 2-24 (Field-MI); 1046 3-1, 1103-1132 2-4, mx, IDs, ads, TCs by gal (Bolland-FL); ID 1107 2-26, TC, talk ant prgms, good (Forth).
- 5040 COLOMBIA R. Cinco, Villavicencio, ID 0330 on 2-24, lively LA mx, F-G sig (Bobb).
- 5040 PERU R. Libertad de Junin, 1027-1105 on 2-23, comments, echo IDs, ads 1058, info on artists, etc. between tunes. Full ID 1100, then more mx, No sign of Cinco this date, but other days Cinco present and Junin not heard (Bolland-FL).
- 5040 USSR RM, 0245-0301 on 2-27, classical mx, RM IS 0259; Russian lang, poor sig (Bolland-FL).
- 5047 COGO Lome, 2228 on 2-11, FR singing by gal, talking by man, poor sig (Bolland-FL).
- 5050 ECUADOR R. Jesus del Gran Poder, Quito, 1022 2-23, prayer, then religious mx, then more religious talking. Good sig (Bolland-FL).
- 5055 FRENCH GUIANA Cayenne, 2230-2300 on 2-17, mx (Weinhold).
- 5060 PERU R. Amazonas, Iquitos, ex-4815, 0928-1030 on 3-7, man DJ, mixture of huaynos, campo mx, some flutes. Prgm is "Amanecer en la Selva". Many IDs, local events, messages, frequent IDs and TCs. Noted first on 3-7 and hrd at good level during 0845-1030 period thereafter (Lobdell-MA).
- 5065 UNID. Possibly R. Progreso, Loja, mx at 0425 on 2-14, no ID, SP, poor rcptn (Field-MI).
- 5066 ZAMBIA R. Candip, Bunia, drum IS 0325, into canned FR ID 0330, weak on 2-13 (Billor-NJ).
- 5095 COLOMBIA R. Sutatensa, Bogota, man talking in SP, 1010 on 2-15, many IDs, with CW QRM (Bainbridge-WV).
- 5105 CLANDESTINE LV del Cid, 1112-1128 2-2, good sig with ID and mx. Chimes, cntry on Castro. Not as clear and strong as it was before CID was busted; much RTTY and other QRM these days. (Bolland-FL). Unid. 0318-0330, LA mx, Cuba mentioned, 2-25 (Bobb).
- 5145 CHINA Peking, foreign svc IS at 1000 on 3-5, RS ID, into RS nx (Sparks-CA).
- 5112 PERU R. Eco, Iquitos, 1108 2-3, fair sig, ID during talk, mentions of Iquitos (Bolland).
- 5450 INDONESIA RRI-Biak, man talking with possible nx at 1330 on 2-13, mx 1340, faded out by 1345; weak sig (Field-MI).
- 5565 CLANDESTINE R. 15 de Septiembre, 1210-1232* on 2-7, anti-Comm. talk, ID by gal with mx in background, many mentions of El Salvador and Nic. March at 1227, full ID 1228 by group, more mx and tall. Poor sig (Bolland-FL).
- 5750 CLANDESTINE LV de Nicaragua Libre, 0403-0431 on 2-10, long talks by M&W, machine gun fire, IDs from time to time. Weird sound effects like a sig; good with QRM (Valko).
- 5882 ARGENTINA R. Rivadavia presumed, 0254-0307 3-5, SP, maybe sports, diff. copy (Bolland-FL).
- 5920 USSR RM WS, in EG at 2230 on 2-24, nx, IDs (Bainbridge-WV); good 0141-0159 on 2-20, RS nx, cntry (Hawk).
- 5930 CZECHOSLAVAKIA Prague, EG DX prgm 0130 on 3-4, fair sig (Blanchette); in SP at 0200-0215 2-20, nx, mx, cntry, fair sig (Hawk).
- 5935 TIBET Xizang PBS, Lhasa, YL announc with long talk, CH mx; poor at 1455 3-5 (Robertson-CA).
- 5945 AUSTRIA Vienna, opera mx at 0040-0111 on 2-1, good sig (Robinson-FX); EG in CA. the 0130-0200 slot hrd by Dill-PA, Mayer-PA, Blanchette; and at *0430 by Krist-VA.
- 5950 MANCHURIA Heilongjiang PBS, Haerbin, play in FE language, 1516 on 3-5 (Robinson-CA).
- 5950 GUYANA GBC, 0238-0317 on 2-13, Top 40 and EZ letng mx to 0300, then island-type mx; ID, talk on recent events, more local mx; EG, but poor sig (D'Angelo-PA).
- 5960 CANADA RCI rptd by many, in EG at 2330 3-7 (Alcorn), 2345-0010 3-1 & 2 (Dill-PA), 0106 2-6 (David), 0200-0228 2-20 (Krist-VA), 0230-0245 2-20 (Hawk), 0330-0430 2-27 (Hakimneshad).
- 5965 NIGERIA Jos, poor-fair reception 0559-0625 on 2-17, drums, time pips, local TC, ID for the National Svc, 15 minutes of EG nx, 5 minutes of cntry, into rock (Howard-CA).
- 5975 ENGLAND BBC, "Wave Guide" in EG at 0100 on 2-14 (David); world nx 0300 2-20 (Hawk).
- 5980 SIERRA LEONE SLBS, 2257-2304 on 2-11, EG, pops and hi-life Afro mx, IDs by man anncr, mentions of Freetown. Poor-fair in QRM (Valko).
- 5980 SOUTH AFRICA R. RSA, EG at 0200 on 3-6, nx, DX corner, anncd //9615, 11730, 15325; fair sig (Zilmer).
- 5980 TAIWAN Voice of Asia, Kaohsiung, fair reception in EG 1100-1200 2-19, 10 minutes of national nx, 5 minutes commentary, "Music Gallery" (anncd as Mon thru Sat), EG pop songs, many IDs (Howard-CA).
- 5980 USA KGEI-San Francisco, 1315-1320* on 2-12, test xmen for new antenna, IS, annt in EG and RS, requesting rpts; powering sig (Buer-FL).
- 5985 USA WYFR-Okeechobee, carrying VOFC prgms, in CH 0200-0216 on 2-20 (Hawk); EG at 0300-0400 on 3-6, IS, ID, nx, cntry, WYFR ID at 0359, then off; vy good sig (Mayer-PA).
- 5990 ITALY RAI, 2340-0030 in IT on 2-26, 0100-0120 in EG on 2-12 (Jordan).
- 5995 AUSTRALIA RA, good with pop mx of various kinds at 1035-1100 on 2-19, then world nx (Bonnett-IN); world nx 1206 3-1, ID and TC 1210, talk on the PLO, exc sig (Hensley).
- 5995 USA VOA-Greenville, EG "Rpt to the Americas" at 0120-0130 2-10, nx, IDs, TC 0126, exc sig (Mayer-PA); EG magazine show, 2-21 at 0216 (Hawk).
- 6000 USA KGEI-San Francisco, testing new antenna at 0420 on 2-11, vibraphone IS, annt in EG and RS, offering QSL for rpts. Xmens were 5 minutes on, 10 off, repeated. No other listed KGEI fgy hrd testing at this hr (Sparks-CA); EG/SP IDs 2-14 (Starr-GA). Time?(JB).
- 6006 COSTA RICA R. Relej, mx, SP talking, many IDs, 1145 2-13 but fading fast (Bainbridge-WV).
- 6012 ANTARCTICA AFAN-McMurdo, hrd from 1115 to 1138 fade out on 3-1 with US pops, EG talking; QRM from Relej-6006 and CFCX-6005 (Krist-VA); presumed this one with long string of uninterrupted rock songs from 50's to present, 1037-1127, but no ID, 3-1 (Wilkner).

- I also hrd rock mx here in 0900-1100 slot in early March, but no armts so no positive ID, but signal quality was the same as earlier AFAN logs, tho strength was somewhat better; I believe it was them (JB).
- 6015 CZECHOSLAVAKIA Prague, fair signal 0300-0315 on 2-21, EG nx, Editorial Pages (Hawk); EG nx to 0310 ID on 2-27, press review, good but with a het (Buer-FL).
- 6015 VATICAN VR, EG 0100-0114 on 2-13, ID as Overseas Service (Krist-VA); very good 0102-0114 on 3-6, EG nx of papal visit to C.America (Lindsay-NR); ditto 0105 3-4 (Bobb).
- 6025 PORTUGAL Lisbon, FR at 0300-0300, nx, 2-25 (Weinhold); EG at 0303-0330, some mx, nx, gave sked, closed with ID, IS and anthem; fair sig (Jordan).
- 6030 CANADA CFVP-Calgary, C&W and pop mx hrd at 0758 on 3-8, ID by male DJ at 0830 as "CFCN Radio 1060". Poor, and wiped out by AFRTS s/on at 0900 (Monaco); hrd 2-26 with pop mx at 0830, ID, wx, promo, very good strength but Japan QRM after 0840 (Forth).
- 6033 PIRATE R. Claudestine, hrd 2235-2255*, IDs and talk by R.F. Burns, outrageous commercials and nx parody by "Miss Information", hard rock. Good sig (Cobb-ME).
- 6035 AUSTRALIA RA-Carnarvon, 1800-1830 on 2-5 in EG, nx, disco mx, VG sig (Vance-FRG).
- 6035 LIBERIA VOA-Monrovia, EG 0725-0730* 2-22, world nx, ID, s/off (Purdum).
- 6040 ANTIGUA DW relay, EG nx, mx, stories, 0100-0130 on 2-18 (Bobb); 0110 on 3-10, cmtry on the Greens, 6085 was also very good at this hr (Alcorn).
- 6060 AUSTRALIA RA, poor with EG World Nx at 1400 on 2-19, "The Australians" (Krist-VA).
- 6070 CANADA CPRX-Toronto, EG at 2340 3-7 in heavy QRM, nx, wx, ad (Alcorn).
- 6070 CHINA Tentatively Jilin PBS, Changchun, CH mx 1330 2-22, vy weak (Robertson-CA).
- 6074 COSTA RICA R. Rumbo, Cartago, ranchera mx 1020 on 3-6, CM DJ, ID 1031 (Alexander-PA).
- 6082 BOLIVIA Probably recently rptd R. 21 de Diciembre reactivated, carrier on shortly after 1000 some days. On 2-26, Andean mx hrd 1009; may have been on earlier, but hard to tell because of low audio at times. Mx to 1030 opening armt, but could not make it out. Needs work (JB).
- 6085 USSR RMWS, usual EG prgms, fair, 2115-2150; via Tallin? 2-13 (Buer-FL).
- 6090 AUSTRALIA ABC-Sydney, oldies movie mx 0850 on 2-26, ID, nx 0900, best ever sig (Forth).
- 6100 USA KGEI-San Francisco, VG with test of new antenna, 1200 2-20, EG/JP (Bainbridge-WV).
- 6100 W.GERMANY DW, PT to Brazil, nx, etc., *2130 2-21 (Thunberg).
- 6110 MALTA R. Mediterranean, Valetta, *2130-2200 2-27, NA, opening armts, couple minutes of silence, then billboard, rock mx, BBC QRM from 2145 (Jordan); FR ID 2159 on 3-7 under the BBC, pop mx (Wilknor); EG s/on armts and ID 2230 2-21, world nx read by man, other features; poor sig, covered by co-channel QRM at 2246 (D'Angelo-PA); 2315-2330* on 3-5, MoR mx, nx, ID, poor sig, BBC co-channel QRM (Alexander-PA).
- 6115 PERU R. Union, Lima, 1036-1116 on 2-18, mx, talk, promo for a Saturday carnival, letters from listeners, prgm for farmers, ID and TC at 1059 (Bolland-FL).
- 6120 ENGLAND BBC, EG sports interviews, nx, 0255 2-28 (Washburn).
- 6120 NICARAGUA R. Zinica, Bluefields, 1230 on 2-20 with Bee Gees mx, full ID followed, but distorted and seems xtr is having problems; fair sig (Bolland-FL).
- 6130 CANADA CHMX-Halifax, 2130 on 2-7, fair sig with C&W mx, EG "Hotline" (Fraser-MA).
- 6130 USA VOA, EG nx 0300 on 2-28, much QRM (Washburn).
- 6135 SWITZERLAND SRI, VG with EG ID *0145 2-20, nx, "Sat Grapevine" prgm (Krist-VA); reading letters, giving technical info at 0150 2-26 (David).
- 6145 USA KGEI-San Francisco, EG/RS antenna tests 1403 2-12, also 1352 2-13 (Paskiewicz).
- 6145 W.GERMANY DW, CM nx at 0305 2-28 (Washburn).
- 6150 AUSTRALIA ABC-Melbourne, jazz and pop mx, 1230 on 3-6 (Zilmer).
- 6150 FRENCH GUIANA Cayenne, FR talk 1021-1032 2-18, then mx, good sig (Bolland-FL).
- 6155 CYPRUS CBC, IS 2111 on 2-12, fair with QRM, 7190 unheard (Wack-VA); guitar IS 2211, possible drama prgm with mx in background, but poor so make it tentative, 2-27 (Paskiewicz).
- 6155 JAPAN FEM-Tokyo, EG rock mx 1230 3-6, fair sig (Zilmer).
- 6155 SINGAPORE RS, nx by M&W at 1300 on 2-12, then exotic mx, IDs at 1300, 1330; fair sig in FE language (Bobb).
- 6155 USA WRNO-New Orleans, EG and rock mx at 0310 on 2-28 (Washburn).
- 6155 USSR RM, instrumental prgm 1315-1330 on 2-18, Mayak, fair sig (Bobb).
- 6165 NETH. ANTILLES RN-Bonaire, 0200-0225 3-8, sports, international nx, fqys, book list (Dill-PA); 0230-0330, EG with world nx, cmtry, strong sig 2-22 (Hakimzhad); 0230-0322 2-11, world nx, Newline, "Media Network" (Krist-VA); 0235-0325, nx, "Friday Report" 2-25 (Bonnet-IN); and EG nx at 0320 on 2-28 (Washburn).
- 6170 FRENCH GUIANA Cayenne, FR talks 1050 2-19, ID, fast fade by 1115 (Bainbridge-WV).
- 6175 ANTIGUA BBC relay, "Anna Karina" in Radio Theater, nx, 0132-0200 2-5 (Robinson); sports nx 0230-0300 3-8 (Dill-PA).
- 6175 KOREA Seoul, CH variety prgm, fair at 1330 on 2-11 (Robertson-CA).
- 6180 ARGENTINA R. Nacional Mendoza, 0730-1010 on 3-6, light SP music, very little talking. Finally caught R. Nacional ID at 1005. Covered by R. Turismo s/on at 1016 (a Sunday); previous day Turismo noted signing on at 0935 (Alexander-PA).
- 6185 NORWAY Oslo, IS 0355 on 2-25, EG ID, fair, surprised to find them in 49 mb (Bobb).
- 6185 VATICAN VR, 2205-2235, IT and EG, mostly IT, but EG ID 2233, prayer, "This is Vatican radio in the night". Classical mx followed; poor on 2-4 (Bolland-FL).

+++ Reminder: Please send in items no older than the 1st of the month prior to the month in which the deadline is found, i.e. for the April 12 deadline, send in items from March 1 on; these will appear in the May LR. Some items must be rejected each month simply because they are too old. +++ Also, please include the state where you live, along with your name. +++ Don't give up on the low bands in the summer; DX is always lurking. 73 -



LOG REPORT

section C

6200 to 11699 kHz

Editor: John T. Arthur, Box 4948, Arcata, CA 95521

- 6210 CLANDESTINE R Venceremos 0304-0332* SS, M&W talk, mx, 0326 M speech over PA, 0331 M&W IDs...poor to fair (Lucas, CA)
- 6215 LEBANON VoHope 0455-0517+ EG, M w/rel talk, then US pop mx, time pips @ hr, ID by M, hymn, sermon. Poor (Jordan, PA)
- 6224 CLANDESTINE LVdeSandino 0320 SP, political tlk by M...ID by W @ 0329. (Alexander, PA 3/06)
- 6243 HOLLAND R daytona Int'l 0955-1013 EG, many IDs, oldies, QTH ancd as Postbus 10, 9540 AA Vlagtwedde. F-P (Vance, FRG 2/27)
- 6250t EQ GUINEA R Malabo 0510, musical pgm (Field, MI) ID? jta
- 6290 P R CHINA location? 2245-2256* CH, M talking, slow melody and off. Beijing IS noted 2300 tune-by. (Alexander, PA)
- 6452 VIETNAM R Hanoi 1358 VT, M ancr, ID @ 1359. Poor (Robertson, CA)
- 6510 CLANDESTINE R15deSeptember 0312 SS, usual, ID 0312 (Field, MI)
- 6528t VIETNAM Cao Bang? 1331 VT, M ancr, diatribe. Vy P (Robertson, CA)
- 6560 CLANDESTINE R15deSept 0535-0600* SP, long talk by several people, ID at end, then off. Moving arnd a lot lately. (Walko)
- 6790 CHINA R Beijing 1132-1143 CH, M w/possible nx. Good (Bolland, FL)
- 6790 SOMALIA R Mogadishu 0319 lang, w/ID. Vy good (Wack, VA)
- 6864v CLANDESTINE R Miscus 0245-0315* EG & dialect, EG speech..."it is better to live free in the mountains...", anti-Sandinista, lots of IDs..."in the hills of Nicaragua..." (Konen, WI)
- 6910 IRELAND R Dublin 0302-0715 EG, pop mx, fone calls, IDs as "R Dublin Int'l". (three reporters)
- 6987 CANADA (?) R Free C M Stanbury 0406-0422* EG, MoR piano tune, 0408 M yelling ID:"Voice of CM Stanbury"...sed they'd been torturing CMS for 20 yrs and he finally got away from them! Claimed to be the "official voice of SWN", then comment abt gh. (Cunningham 2/20)
- 7105 CORRECTION My rpt of Voa Munich said by VoA Hdq to be Kavala, Greece, instead. (Fraser, MA) (thx, OM. jta)
- 7105 CHINA (Inner Mongolia) Ho Hot 1335 CH, modern Chinese operetta. Fair signal (Robertson, CA)
- 7145 POLAND R Polonia *0300-0329* EG, nx, mx, look @ Polish-American events in 1982, nx in brief. (Krist, VA 3/01)
- 7154t CAPE VERDE ISLANDS Em Official 0755 PT, lcl mx, two gongs @ 0800, then talk & PT pops. (Alexander, PA)
- 7165 UKRAINE SSR R Kiev *0300-0328* EG, nx, interview, cmtry on Madrid conference, DX Club. Fair (Krist, VA)
- 7175 ARSFSR (Vladivostok) R Moscow 0700-0730 EG, wrld nx, tlk on nuclear war, mx, Moscow Mailbag. (Sharpe, CA)
- 7180 IRAQ R Bagdad 2110-2155 Persian, IDs, AR Mx, nx. Vy good. (Vance, FRG)
- 7210 UKRAINE SSR R Kiev 0045 EG, mailbag pgm, preview of Int'l Women's Day. (Alcorn 3/08)
- 7225t TUNISIA RTT 0438-0505 AR, vy slo monotone chant by M to 0450, then lively grp vcl, brf anmt by M 0500, more chants. Much QRM/N, wk, intermittent signal. Vy poor. (Jordan)
- 7245 ALGERIA RTVA 0705-0750 FR/AR, M wailing & chanting, YL w/poss nx hdiines 0712 & 0726, more chanting. F to Vy poor (Jordan)
- 7325 ENGLAND BBC 0105 EG, "Waveguide" pgm. (Alcorn 3/08)
- 7345 CZECHOSLAVAKIA R Prague 0340 EG, sports report (Washburn)
- 7355nf USA WYFR 0651-0710 EG, rel drama, freq/ID, scripture lesson. To Eur //9680 (Purdum)
- 7373.9L USA Radio USA 0438-0554* EG, rock mx, ancr may have been "MF BlueSky". Audio good on mx, but "tinny" on announcer. Sed no mailing address yet. (Baxter, KS 3/11)
- 7410 ISRAEL Kol Yisrael 0104-0125* EG, nx, ID. (Manning 3/05)
- 7425 USA KQSB Int'l 0404-0415* EG, rock mx, ancd Test Xmtn, QTH for Reports Box 4948. (Atkins & D'Angelo 2/27)

- 7435 UN-ID (pirate?) 0541-0612 EG, bits & pieces of rock mx & EG ancr...vy weak. Any ideas? (Atkins 2/27)
- 7465 BELGIUM BRT *0030-0116* EG, Focus, mx, Music Box, DX Panorama...fair to good (three reporters)
- 9017 CANADA RCI 1320 EG, nx, wx, sports, ID (Bainbridge, WVA) (spur or image? jta)
- 9022 IRAN VOIRI 0200 Farsi, prayer, Koran, nx, ID by M. (Hakimzhad 3/04)
- 9420 GREECE VoG 0330-0350*EG, nx, ID by W, talk, Greek mx, sign-off (Hakimzhad 3/07)
- 9455 EGYPT R Cairo 0330-0400 AR, tlk by W, ID 0357 by W. good (Hakimzhad 3/06)
- 9460t PAKISTAN R Pak 0135-0140 Hindi(?), vy tentative on this... briefly caught OM in talks in AR-sounding lang, seemed to be joined by 2nd M w/ alternating tlks in ME lang. 0200 re-check found lots of QRM/N. Any help? (Jordan)
- 9475 EGYPT R Cairo *0200-0237 EG, mx, ID by M, sked, Billboard, W w/interviews on "Symposium on Egyptian Tourism" (Jordan)
- 9490 USSR R Magallanes0345-0410 SP, talk on the Paris Commune, ID, Andean mx, ment Chile as target area. Into R Moscow (Mayak) @ 0400. (Sharpe, CA 3/07)
- 9495 MONACO TWR 0722-0744 EG, "Revive Your Heart", ID 0730, then "Back to the Bible" pgrm. (Polchlopek)
- 9505 GUAM KTWR 1500 EG, rel pgrms under NHK..fair (Zilmer 3/07)
- 9505 JAPAN R Japan 1300 EG, General Svc nx. Poor (Blanchette 3/01)
- 9505 AUSTRALIA RA 1930 EG, tuning info, "You Asked For It". Barely over RMWS co-channel, het de 9510. (D Park, HI 3/12)
- 9509.5 PERU R America 1116-1130 SP, M w/what sounded like a feature on economics w/on-the-spot interviews, then nx (mainly concerning SAm countries). Full ID 1126: "escoltento noticias de Radio America". Good (Bolland, FL)
- 9510 CANADA BBC relay 1245-1300 & 0100 EG, sports roundup, Radio Club, satellite relay. (two reporters)
- 9515 UN-ID 1110-1125 AR, W w/comments, Islamic mx. 1115 Koran chanting. Poor. (Bolland, FL 2/26)
- 9515 MEXICO LVde la Am Latina 1054-1118 SP, rancheros mx, nx on hour, ID, then ad string. Poor to good. (Bolland, FL 3/03)
- 9519.6 PERU R La Cornica 1036-1110 SP, M w/ good Peruvian mx, plenty of IDs and NO ads. Fair. (Bolland, FL)
- 9523 INDIA AIR 0117-0201 IN, OC, 0123 AIR IS, 0125 pgrm of sub-cont mx. Good. (Howard, CA 2/27)
- 9533t CLANDESTINE VotLibyan People 2238-2258* AR/FR, M comments often ment Morocco. 2257 closing comments, which seem to be a slogan of some sort. Hearing this nightly w/Fair sig until 2300-ish. (Bolland, FL 3/03)
- 9535t ANGOLA R Nacional 2130-2200*FR, AR-like mx, followed by lengthy talks in FR by M, anmts, tent ID @ 2157, then dramatic vocal anthem to 2200*. Poor in QRN. (Jordan)
- 9535nf BONAIRE TWR 0415-0450 EG, rel pgrms, "Caribbean Night Call" w/ ID & mx. Excellent (two reporters)
- 9540 VENEZUELA R Nacional*1100-0402* SP, Marimba IS, NA, IDs, nx, LA mx,etc... Good (five reporters)
- 9545 SOLOMON ISLANDS SIBS 0717-0812 EG, "Fisherman's Corner", local ads @0728, nx 0730, ID 0735, "International Report", shipping news, ads, world news, Solomon Is Report (two reporters)
- 9545 USSR R Rodina 2025-2058* RS, M w/tlk, ID @4hr, folk mx, then lengthy tlk by 2 W, orch mx. (Jordan)
- 9545 GERMANY, WEST DW 0500-0550 EG, Caribbean Svc, Press Review. Good signal. (Dill, PA 2/26)
- 9545t BRAZIL R Universo 1047-1101 PT, M tlk to 1059. On hour hrd "R Nacional" only...buried by other stns. Poor (Bolland, FL)
- 9545 CLANDESTINE R15deSept 1030-1044 SP, M w/speech. Only hrd Saturday & Sunday in the 1000-1100Z time-frame. What does that suggest? (Bolland, FL)
- 9550 ROMANIA R Bucharest *0200-0256* EG, nx, item on workers solidarity- "Sunday Studio", Listeners Letterbox. Fair. (Krist, VA)
- 9550nf UAE UAE Radio 2028-2035 AR, mx to 2030 ID, talk (news?) to 2035 tune-out. Vy good w/slight QSB. (Buer, FL)
- 9550 PERU R Nacional 1103-1148 SP, mx, tc & IDs...2 M ancrs, mx cont at 1130. Fair. (Bolland, FL)

9550 CHILE R Nacional 1119-1130 SP, M w/comment on world affairs, Ehen feature. (Bolland, FL 3/93)

9555 MALTA IBRA Radio *0600-0630 EG, s/on amnt by M, Maltese NA, into rel pgrm. Thot this was AWR? (Stephany, NY 2/27)

9560 JORDAN HKBS 1457-1600 EG, nx, spl feature on breast cancer. Poor to fair in Sofia/RL QRM (Vance, FRG)

9560 TURKEY VoT 1715-1752 EG, talk on Turkish history - Hittites mentioned, mx. (Robinson)

9565 GERMANY, WEST DW 0101-0129 EG, nx, ID, week's events, look at political parties. Good (Manning 3/06)

9570 PORTUGAL RP 0500-0600 EG, world nx, ID, mx. Good (Hakimnezhad)

9575 ITALY RAI 0100-0120 EG, nx, ID...amateurish presentation. Fair to good (two reporters)

9580 AUSTRALIA RA 1200 EG, "Four Corners", // 9710 & 9770. Very good. (Fraser, MA)

9595t ETHIOPIA VoRE 1950-2000* vern, M playing Afro mx, anti-RSA comments. Poor w/hvy QRM, QSB. (D Park, HI 2/26)

9600 UZBEK SSR R Tashkent *1200 EG, complete ID w/freqs & upcoming pgrms. Another ID & into nx. Good (Valko)

9615 INDIA AIR *0128-0133 unk lang, clear AIR IS, W @0130 but too weak to ID language. Vy poor. (Howard, CA 2/22)

9620 VENEZUELA R Catatumbo Int'l 0433-0440 & 1021-1033 SP, mx, M w/ full ID: "...Maracaibo, Catatumbo Internacional, YVTI..." Good sig, but severe het. (two reporters)

9620 MOZAMBIQUE RM 0430-0450 PT, M&W w/lcl nx and varied pgrm. IS & ID 0430. Fair (Bobb 2/23)

9630 CHILE R Agricultura 1052-1101 SP, M cmntry on oil prices, "Comentaria Internacional", tc, nx on hr & ID as "R Agricultura en Santiago, Chile". Good (Bolland, FL 3/04)

9660 FRANCE RFI 0628-0655 FR, M w/nx to '45, mx to '48, time pips to 0649. ID @ 0653 w/many frequencies. (Lucas, CA 3/05)

9670 MARIANAS KYOI *1600-1630 EG/JP, SuperRock mx, IDs in EG, ads in JP. Fair to vy good. (three reporters)

9684t UGANDA RU 1945-2000 vern, EAF-stype mx, poss nx 2000 by M. Poor to Vy poor...weakening sig in increasing QRM. (Park, HI)

9695 BRAZIL R Rio Mar 1104-1118 PT, M w/comments & music. Hrd this last July w/overmod sig...today sounded good. (Bolland, FL)

9704 SWAZILAND R Truro 1532-1630 EG, sub-cont mx w/M ancr, ads, IDs. NOT often hrd here. Poor (Howard, CA 2/21)

9705 INDIA AIR *1328-1333 IN, droning IS to 1330 time pips, s/on w/ID, then talk to tune-out. Fair. (Buer, FL)

9715 QATAR QBS 2100-2128* AR, M w/talk, chants, choral anthem at 2126 & off. Weak. (Jordan 2/27)

9720 SRI LANKA SLBC 1535-1600 EG, "The World Tomorrow", tc, ID at 1600. Poor to Fair. (Vance FRG)

9730 SWAZILAND TWR 0429-0510 EG, IS, ID by W, various rel pgrms. Fair w/QRM. (D Park, HI 03/05)

9735 PARAGUAY R Nacional 0145-0158* SP, lively LA pop mx, M w/ close-out amnts, QTH & ID, NA & off. Fair (Jordan)

9745 CAMEROON RD Nat de Cameroon 2102-2110 EG, nx to 2110 ID; QRM fm Iraq. (Buer, FL)

9749t TANZANIA RT 1700-1710 EG, relay of "R Mozave(?)" anti-SAF pgrm, SWAPO info. (Howard, CA 2/20)

9750 CHILE R Minería 1115 SP, many ads, ID, tc. Good (Forth 2/26)

9865 GREECE VoG 0037-0100 GK, nx, mx. Good (Robinson)

9880nf BELGIUM BRT 0030-0100 EG, Brussels Calling. This replaces 7465, is //11625 to SAM. (Zilmer 3/07)

11330 P R CHINA R Beijing CPBS1 0915 CH, drama. //9064, 11290 & 11735. This one best. (Robertson, CA)

11600 P R CHINA R Beijing 1226-1255 EG, M w/nx of rare fresh-water dolphin, CH clx mx, ID @'34. Vy gud (Polchlopek 2/21)

11620 INDIA AIR 2145 EG, speech by Ms Ghandhi, mx, nx by M (Thunberg 3/07)

11645 GREECE VoG 1415-1430 GK, M&W ID, GK folk mx. Good (Bobb)

11660 P R CHINA R Beijing 1214-1220 EG, mx, ID 1215, Ww/talk. Fair...not listed at this time. (Buer, FL)

11685 SAUDI ARABIA BSKSA 2035-2058* AR, prayers/chants. (Jordan)

11695 VENEZUELA R Nacional 1430-1456* SP, mx to 1454 ID, NA & off (Zilmer 3/02)

Thank to all...C U N 30. Best 73s,

LOG REPORT

section D

11700 to 17699 kHz

Editor: Steve Wiseblood, Long Beach, CA 90804

- 11700 DOMINICAN REPUBLIC R Clarin: 2324-0102 LAM nx, SP M ancr; EG full ID by M, NA @ 0100; S/off 0102* (Bobbs 3/2, Hensley 3/1).
- 11700 ARMENIAN SSR Yerevan-R Moscow: 1428-1445 tlk in lang; ID. F (Bobbs).
- 11700 UNID 1930-2115 FR M ancr w/pop nx pgs; better USB mode, het w/R Clarin; mentions of Algeria & Africa. F (Buer-FL 2/28).
- 11705 SWEDEN RSI: *2300-2328* EG nx "Saturday From Stockholm"; "Sweden Calling DXers"; VG, into Swedish @ 2330 (Krist-VA 2/8, Mayer-PA 2/26).
0230 EG "Weekday" w/discussion on viola making, ID (Blanchette 3/4).
- 11705 SEYCHELLES FEBA: 0332-0345 AR tlk & ME nx to ID @ 0345; G (Buer-FL 2/27)
- 11710 ASIATIC RSFSR Petropavlovsk-R Moscow: 0600 EG nx, ID. G (Hakimneshad 3/6)
- 11710 ARGENTINA RAS: 0100 EG nx, tlk on Argentine Exports, pop nx to 0130. F (Atkins 3/6). 0240 EG "Microprogram", nx. G (Blanchette 3/2).
- 11710 NEW CALEDONIA R Noumea: 0733-0803 FR M ancr w/pop-rock pgs; 0800 FR W w/nx. //7170* better (Lucas-CA 2/14).
- 11715 DENMARK R Dansk: *2258-2358 IS, ID, EG/DN S/om annts w/fqys, into World w/nx. //7170* F-G (D'Angelo 2/27, Bobbs 2/24).
- 11715 SWITZERLAND SRI: 0430-0500 EG ID's, VP-P w/Swiss Country nx (Dill-PA)
- 11730 SOUTH AFRICA R RSA: *0156-0255* IS, ID, EG S/om annts w/fqys, EG nx, "Saturday Night RSA", "Africa Today"; VG (Mayer-PA 3/5, Hoffmann 2/12)
- 11760 SPAIN SFR: 2015-2049 EG nx, "Spain in the '80s", SP lesson, flamenco nx, Unemployment rate in Spain-a modest 17%, hi (Bonnet,Thunberg,Krist).
2139 EG M w/Wld nx to 2142, "Sunday Sports Wrap-Up"; F //15375 (Lucas-CA)
- 11760 COOK ISLANDS RCI: 0825-0905*EG oldies nx, EG M ancr w/full ID @ 0859; 11760 announced as the only SW fqy; S/off @ 0905* following island time (Lobdell-MA 3/7). 0755-0830* S/off annts & island nx, tlk in EG/Maori (Bobbs 3/1). 0845 EG/Maori tlk by W, MoR/pop nx pgs, NA (Park-HI 3/8).
- 11770 PORTUGAL RFE via Gloria: 2200-2300 HG nx, ID; evening political review, Good (Barta 2/23). Site taken from the RFE/EL broadcast sked-Sw
- 11770 NIGERIA VoN: 1728-1745 nx to 1730, then EG M w/Afro & Wld nx (Lucas-CA).
- 11785 EGYPT R Cairo: 0900-0942 ID's, AR radio play. G w/Moscow QRM (Vance).
- 11785 UZBEK SSR Tashkent: *1200-1228* EG nx, cntry on CIA budget (Krist-VA).
- 11790 INDONESIA VoH: 1410-1415 EG W ancr w/nx, ID @ 1415. P (Bobbs 3/3).
- 11795 CHINA R Beijing: 1224-1230 EG oriental chicken recipe. F-G (Buer-FL 2/11)
- 11810 VATICAN STATE VR: 1500-1515 EG nx by MEW, tlk of the Pope, into Hindi @ 1515. P-F (Lucas-CA 3/4, Bobbs 3/2).
- 11815 LIBYA SPLAJBC: 2310-0000 M w/chants, EG S/om info, tlk by M from the "Green Book"; Wld and ME nx headlines. VP-P (Jordan 2/16).
- 11825 TAHITI Papeete: 0711-0738 FR M w/nx, pop nx. G w/QRM (Gundersen 2/20)
- 11840 POLAND R Polonia: 1137-1147 EG M w/wld nx, ID's, Clacl nx (Hensley 3/1).
- 11840 SPAIN REE: *2000-2015 IS, EG S/om annts, "Panorama". G (Mayer-PA 2/9)
- 11850 NORWAY HN: 2008 EG M w/maritime nx, discussion on the economy. Xlnt(Jor'n)
- 11855 CZECHOSLOVAKIA Prague: 0730-0800 EG nx, ID, F w/BBC QRM (Hakimneshad 3/4)
- 11880 SPAIN SFR: 0000-0130 EG M w/Wld nx, ID's, cntry by W. Xlnt (3 reports).
- 11890 USA WRNO Worldwide: 2305 EG "Shrine of St. Jude" svce, ads, Hausers World of Radio; At 0000 jumps to 11965 (Krist-VA 2/13).
- 11895 WEST GERMANY RFE via Bible: 2110-2120 HG M w/cntry. P (Barta 3/6).
- 11900 SOUTH AFRICA R RSA: 2125 EG "Q&A" pgs; tlk about National Parks (Witzig)
- 11900 CHINA R Beijing: 1525-1545 EG "The Land & The People" by W w/tlk on the Mongol minority in China. No sign of KYOI, heard *1600 on 9670(Lucas)
- 11900 SALPAN KYOI: 1151-1536 US rock nx, JP/EG ID's; P(Vance,Atkins,Lucas)
- 11925 PORTUGAL RP: 0300-0330* EG news, ID, PT instr. mx. G (Hakimneshad,Hoff'n'n)
- 11940 GABON Afr.#1: 2113-2258* FR M ancr w/upbeat Afro mx. FR nx @ 2130, ID's, //4810. Xlnt (Lucas-CA 2/22, D'Angelo-PA 2/27).
- 11940 SINGAPORE SBC: 1504-1515 EG M w/lcl & Wld nx, ID's, MoR nx. F (Hensley).
- 11943 BANGLADESH RB: 1440-1455 beautiful lyrical Asiatic nx w/strings & winds; W in presumed Urdu w/combined chant-talk, annts by M w/ tentative ID @ 1450. Asian nx to 1455* VP (Jordan 3/3). Nice job, OM!
- 11950 EUROPEAN RSFSR Kazan-RMos: 0441-0450 EG cntry, ID, promo's (Purdam 2/26)
- 11955 ANGOLA R Nacional: 0445-0515 Hi-life Afro nx, tlk in vernaculars by M with mention of several Afro nations. ID @ 0505. G (Valko 2/18).
- 11955 PHILIPPINES R Veritas Asia: 1430-1500 EG nx, cntry, mx. G (Zilmer 2/27)
- 11955 OMAN BBC relay: 0300-0315 EG Wld nx, "News About Britain". P(Paszkiwicz

- 11960 NEW ZEALAND RNZ: 0730-1130 EG M w/Wld & NZ nx; Semi-Clscl mx (3 rpters).
- 11980 GDR RBI: 1626-1702 ID's during EG pgs, IS @ 1659. VP w/het (Lucas-CA)
- 11990 KUWAIT RK: 1430 AR nx, ME mx, full ID by W (Hakimzhad 3/6).
- 12010 ASIATIC RFSFR Petropavlovsk: 0450-0459 EG RMWS with feature on the restoration of architecture in Central Asia; ID (Purdum 3/5).
- 12045 GREECE VoG: 0215-0345 GK W w/ID; EG nx for 5-minutes until 0345; GK vocal ballads (Bonnet-IN 2/27).
- 12070 MONGOLIA RUB: *1200-1234* EG W w/Wld nx, orchestral mx, "Book Review"; S/off annts w/fcy & address. Muffled as usual (Atkins 3/5, Polchopek).
- 12095 UK BBC: 0600 EG nx, cntry; discourse by M&W. F (Hakimzhad 3/7).
- 12200 CHINA CPBS-2 Beijing: 0900 CH opening annts; //11505,11575. (Robertson)
- 15045 GRENADA RFG: 2345 EG annts, pop mx, PSA's (D Jones).
- 15050 GREECE VoG: 1540 GK instr/vocal EZL mx (Weinhold 2/17).
- 15070 UK BBC: 2215-2300 EG nx, "The World Today", financial nx. VG (Dill-PA 3/).
- 15115 AUSTRALIA RA: 0830 EG "Australian News", then Wld nx. F (Krist-VA 2/20).
- 15120 SRI LANKA AWR via SLBC: 1125-1131* EG "World of Radio", audio poor and tape slowed, slurring FR; QRM RA CH pgs on 15130. F (D Park-HI 2/20).
- 15120 VATICAN STATE VR: *1545 FR nx (Weinhold 2/17). 2210-2224* EG tlk abt the concern of the Vatican in LAM; Hope for World Peace, IS. G (D'Angelo).
- 15120 CHINA R Beijing: 2011-2041 EG interview with a Chef. G (Robinson-TN). *0100 EG Wld nx, cntry on US defense spending, CH mx (Krist-VA 2/11).
- 15120 NIGERIA VoW: 1450 EG W w/Nigerian nx; Afr pop mx, TC (Thunberg 3/2). 2130 EG nx, cntry. P (Blanchette 3/2).
- 15125 SAUDI ARABIA BSKSA: 1833-1847 Bambara to Afr sked per WRTH; ID @ 1847, G w/adjacent channel QRM from 15130 (Buer-FL 2/28). (Hakimzhad//)
- 15135 WEST GERMANY DW-Vog: 1500-1530 EG nx & cntry on German elections(Bobb//)
- 15145 USA WINE: 2258-2304 light mx to 2300 ID w/fcy annts, gospel pgs(D'Angelo)
- 15160 AUSTRALIA RA: 0620-0627 EG M ancr w/pop mx, sports (Bragg 3/8).
- 15160 ALGERIA RTA: 2155-2230 pop mx to 2200, then ID & FR nx by M&W ancrs; AR mx pgs hosted by M ancr, G (Cobb-ME 3/5). (Purdum 3/6//)
- 15165 DENMARK RD: *1956-2035 IS, DN/EG ID, chines, sked, DN nx(Paskiewicz//)
- 15170 TAHITI Papeete: 0402-0418 TT tlk by M&W, FR nx, island mx(Wack,Bonnet).
- 15175 NORWAY RN: 1700-1730 IS, NO/EG ID, EG "Norway Today". F (Mayer-PA).
- 15185 USA WINE:2005 EG religious pgms, request for reports (Purdum 3/6).
- 15190 SALPAN KYOI: 0302-0359 pop/rock mx, "Super-Rock" ID's, JP annts by W; No QSL yet (Valko 2/4, Gundersen 2/27). 0742-0815 Top-40 rock format, JP W ancr occasionally. "KYOI" ID by M @ 0800. P-F (Cobb-ME 3/6).
- 15190 SPAIN REE: 1629 "R.E.E." ID as per WRTH; SP tlk. G //17890,15395(Zilmer)
- 15190 CONGO RTVC: 1600 FT nx, Afro local mx, RFI QRM (Weinhold 2/17).
- 15200 SEYCHELLES FEBA: 0315-0324 IS, S/on annts w/ID, into Swahili religious pgs w/choir. VG (Buer-FL 2/27). 0444-0500 EG gospelpgs. VP (Gundersen)
- 15220 MADAGASCAR R Ned: 2035 EG nx & cntry, "Media Network". F (Lucas-CA).
- 15220 SOUTH AFRICA R RSA: *0627-0642 IS, EG nx to UK/Ireland; cntry (Bragg).
- 15224n ALGERIA RTVA: 2045-2100 SP Wld nx, mx to 2052, guitar IS 2059. F(Buer).
- 15225 TUNISIA RTT: 1832-1928 AR M ancr, ME mx, nx, ID's. F //7225 (Cobb-ME)
- 15225 CHINA R Beijing: 0135-0155* EG M&W ancrs w/"Letterbox", wx, mx(Bonnet).
- 15230 NORTH KOREA R Pyongyang: 0030-0100 EG nx, cntry, ID by W; F(Hakimzhad)
- 15240 AUSTRALIA RA: 0700 EG "World nx", Australian nx in brief. P (Krist-VA).
- 15240 ASIATIC RFSFR Vladivostok: 0030-0100 R. Kiev-relay; EG M ancr,letter box pgs, sked by W ancr @ 0040. G (Jordan 3/4). R. Yerevan-relay 0330-0400 EG Wld nx, Armenian mx, ID by M. ♀ (Hakimzhad 2/29).
- 15240 EAST GERMANY RBI: *1300-1345 EG W w/nx, "Peace-Report", ID. F (4 rpters).
- 15250 ROMANIA Bucharest: 1300 EG nx, cntry. F (Zilmer 3/6).
- 15290 BRAZIL RBras: *0159-0300 EG M&W ancrs, tlk abt the economy, wx, "Musica From Brasil", "Brazilian Scenery" pgs; political cntry (5 reporters).
- 15295 AUSTRIA ORF: *1500 EG "Report from Austria", cntry, //12015 (Thunberg)
- 15300 JAPAN RJ: *2345 EG S/on annts, nx, "Current Topics", cntry (Krist-VA).
- 15300 FRANCE RFI: 1610 EG nx, tlk on French/Afro relations (Weinhold 2/17).
- 15305 SWITZERLAND SRI: 0145 EG nx, cntry. F-G //11715 (Zilmer 3/7).
- 15335 INDIA AIR: 1330 EG nx, cntry; industrial nx. F-G //11810 (Zilmer 3/5).
- 15345 ARGENTINA RAE: *0230-0259* ID, EG greetings, nx by heavily accented M; pgs on "The Malvinas Islands"; "Buenos Aires:My City"(Park-HI, Krist-VA).
- 15345 NORWAY RN: 1454 IS, ID in EG/NO; NO nx & scandinavian mx. F-G (Zilmer)
- 15345 TAIWAN VoFC: 0100 EG nx, cntry, CH vocal mx. F (Zilmer 3/3).
- 15350 LUXEMBOURG RL: 2323-0030FR M ancr, "WIKEN" jingle; 0000 FR nx by M, heavy duty R&R pgs. G (Paskiewicz 2/28, Cobb-ME 2/6).
- 15355 USA WRMO: 2130 EG pop mx, news (David 2/9).
- 15375 SPAIN SFR: 2020-2055 EG DX News, "R. Clube Europe"; review of the past weeks events; "Sunday Sports Special". G (Krist-VA 2/13, Zilmer 2/27)
- 15385 ASIATIC RFSFR Moscow-Chita: 0100-0330 RMWS to Aus/NZ, EG nx, ID, DX pgs. F w/flutter (Purdum 3/7, Buer-FL 2/27).
- 15400 FINLAND RF: *1200-1225* EG "Nordic Rpt", wx, "Folk-Scene" mx(Krist-VA).

- 15405 SAIPAN KYOI: 0115 EG Rock & Roll mx. F (Zilmer 3/3).
 15420 SWEDEN RS: 1802-1810 HS relay in SW to SAM; G w/co-channel QRM (Buer-FL)
 15425 AUSTRALIA ABC: 0500-0527 EG nx, economic nx. F (Krist-VA 2/14).
 15430 MEXICO RMI: 0115-0138 ID & sked; 0130 EG "Mexican Hour" (Paszkiwicz)
 15445 BRASIL RN Amazonica: 0140-0150 nice PT ballads, PT M ancr w/ID (Cobb).
 15474 ANTARCTICA LRA-36: 2302-0026*pop mx, SP tlk, ID's, taps @ S/off. Xlnt
 (Gundersen 2/26, Paszkiwicz 2/10, Wack-VA 2/13).
 15495 KUWAIT RK: 2200 AR chants from the Holy Q'uran, ID. G (Blanchette 2/26).
 15520 CHINA R Beijing: *0000 EG nx, pgm on mask dancing; special songs
 to commemorate Spring. VG (Krist-VA 2/13). 0127-0155 EG "The Land &
 The People", folk stories & lcl mx (Manning 3/5). 0300-0357 EG Wld nx ,
 tlk about the nutritional value of CH food (Hakimzeshad, Sharpe-CA).
 15555 CLANDESTINE R Vatan: 1615-1745 Farsi tlk by W, ME mx. G (Weinhold, Buer-FL)
 15560 NETHERLANDS R Ned: *2030-2110 EG "Happy Stn". G (Weinhold 2/20).
 15585 BELGIUM BRT: 1950 EG DX News; announced 15590, here instead. F (Zilmer).
 15605 ISRAEL KI: 1201-1206 EG nx to SEAS; F //15585 better (Buer-FL 2/23).
 15615 ISRAEL KI: 1620 HB M&W w/tlk. F (Weinhold 2/17). This Reshet Bet?-Scw
 16433 KIRIBATI RK: 1845-1900 tlk by M&W in lang; 1900 R. Australia nx. P in
 LSB (Bobb 2/22) 0625-0700 EG M Reading jobs available; pop mx to
 transcribed BBC Quiz Show @ 0630 (Polchlopek 2/13).
 17605 NETHERLANDS R Ned: 2045 EG "Media Network". G (Blanchette 3/3).
 17610 BELGIUM BRT: 1400 EG "Brussels Calling" to NAM; G //21810 (Zilmer 3/7).
 17640 FRANCE RFI: *1601-1655* EG "Paris Calling Afr"; "Press Review", "Made
 in France", "Drum Beat" pgms; 1655 ID & fqs, into FR (Krist, Alcorn).
 17640 PAKISTAN RP: 1600 EG fgy sked, nx to 1615; //21800. F (Zilmer 3/7).
 1645-1725 TK tlk by M presumed; possible ID @ 1650, then ME type vocal
 mx; 1657 prayer-type chants w/moaning instruments, EG ID @ 1700 (Jordan).
 17695 NETHERLANDS R Ned: 2030-2100 EG "Newslines"; pgm on LAM Clandestine
 activity during DX pgm. G-VG (Thuaberg 2/24, Weinhold 2/17).

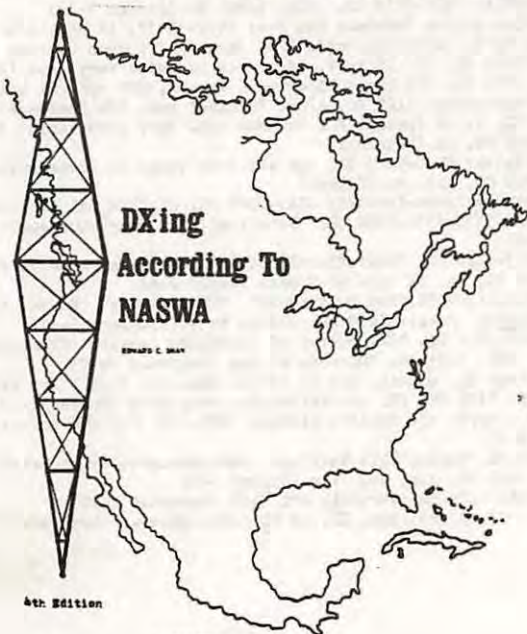
NEW ADDRESS: 1221 XIMENO AVE., LONG BEACH, CA. 90804

73, Steve

DON'T FORGET!

The 139-page "DXING ACCORDING TO NASWA" is still available from P.O. Box 13, Liberty, IN 47353. The price is \$5.00 by Fourth Class Mail and \$1.00 more for First Class Mail. This book (actual size 8 1/2 x 5 1/2) covers every aspect of DXing including receivers, antennas, propagation and much more. It was written by Ed Shaw, "Technical Topics" editor for FRENEX and is now in its fourth edition.

North American Shortwave Association





LOG REPORTS

section E

17700 and above

Editor: Brett Saylor, P.O. Box 10, Whitehall, PA 18052

- 17705 CUBA RHC; 1505 SP, tlk by M & W (Weinhold 2-17)
- 17710 NEW ZEALAND RNZ; 0408 (Lang?) wx, fluttery, fair (Wack 3-7) icz)
- 17715 SINGAPORE BBC; 0000-0030 EG, wld nx, nxreel, xmr site ID, EG By Radio (Paszkiew-
- 17745 ROMANIA R Bucharest; 0545-0559 EG, frantic violin/flute mx, jammer on 17750, fading, poor (Park-HI 2-3)
- 17755 JAPAN RJ; 0200 EG, ID, nx, mx (Hakimneshad 3-4)
- 17775 USA WRNO; 1812-1836 EG, rock mx, FM-100 ID's, ads, fair-poor (Park 3-12, Lucas)
- 17775 FRANCE RFI; 1500 FR, nx (Weinhold)
- 17785 FRANCE RFI; 1515-1545 FR, IS, time pips, ID, Afr nx; //25900,25820 (Jordan 3-1)
- 17795 FRANCE RFI; 1639 EG, "Turntable" pgm w/ FR pop mx (Jones) te)
- 17795 AUSTRALIA RA; 0351-0427 EG, wld nx, Austral nx, good (Lindsay 3-6, Sharpe, Blanchet
- 17810 ECUADOR HCJB; 0150-0200 FR, tlk by M, EG s/off @ 0200 (Manning 3-6)
- 17815 ISRAEL KY; 1530-1630 Farsi, wld nx, Persian mx (Hakimneshad 3-6)
- 17820 CANADA RCI; 1800-1900 EG, nx, wx, sports, Afr Svc (Hakimneshad, Krist)
- 17825 JAPAN RJ; 0010-0225 EG, nx, sports, "Hello America"//21610 (5 reporters)
- 17825 ECUADOR HCJB; 2130-2200 EG, "Open Door" w/ mx, "DX Party Line" (Jones, Krist)
- 17830 EAST GERMANY RRI; 1345 EG, GM, mx, ID by W in EG then GM nx (Bainbridge)
- 17830 SWITZERLAND SRI; 1530-1600 EG, wld nx, //15125, good (Hakimneshad 3-7)
- 17830 BRAZIL RB; 1500 PT, 0200-0255 EG, mx, special feature rpts (Bonnet, Jones, Weinhold)
- 17840 NORWAY RN; 1400 EG, nx, mass media in Norway, //6015, 21700, 21730, fair (Zilmer)
- 17850 CUBA RHC; 1841-1901 SP, speech by M, ID's (Lucas 3-8)
- 17850 SRI LANKA SLBC; 1037 EG, "Country Western Roundup" w/ mx, nx 1045, QRM, bet, slightly demod audio (Park-HI)
- 17850 WEST GERMANY DW; 1450 GM, nx (Weinhold)
- 17850 SWITZERLAND SRI; 1815 EG, nx, "Blueprint", // 17830 (Zilmer 3-6)
- 17855 CHINA R Peking; 0120-0155* EG, cmt on Confucius, letterbox (Bonnet 3-6)
- 17865 VATICAN CITY VR; 1500 EG, rel nx, Pope's trip, //15110, good (Zilmer 3-7)
- 17870 USSR R Kiev; 0046-0059 EG, cmtry, nx, freq's (Purdum 3-1)
- 17875 CANADA RCI; 1900-2000 EG, SWL Digest w/ Magne, Hauser, // 17820 (Dill 2-27)
- 17890 ECUADOR HCJB; 1400-1430 EG, mx, rel tlk, Bible quotes (Bonnet 3-5)
- 17895 USA WRNO; 1901-1959* EG, AOR/Top 40 mx, ads, rel pgm 1933, RFE 17890 QRM (Park-HI)
- 17930 SAUDI ARABIA BSKSA; 1620-1715 AR, tlk, local mx (Jordan 2-13)
- 17940t CLANDESTINE Voice of the Sudanese Pop Rev; 1650-1715, AR vocals w/ instr accomp, chants and tlks by M, patriotic voc's 1714 then s/off; good (Jordan 2-12)
- 21460 BELGIUM BRT; *1500 FR, IS, ID by W, mx w/ occ anncts; very good (Stephany 2-16)
- 21477.5 ECUADOR HCJB; 2130 EG, "DX Party Line" w/ C Howard, HAP rpt, DX Ontario rpt (Krist)
- 21480 MADAGASCAR R Netherlands; 1429 EG, s/son, "NxLine" pgm, "SW Feedback" (Krist)
- 21485 USA VOA; 1730 EG, Nx in Special EG, Science rpt, very good (Krist 2-21)
- 21515 FRANCE RFI; 1430 FR, nx (Weinhold)
- 21530 USSR RM via Irkutsk; 0040-0055 EG, pgm abt folk songs in Soviet republics (Purdum)
- 21565 NORWAY RNI; 1600 NO, tlk, mx (Zilmer)
- 21565 USSR RM via Petropavlovsk-Kamchat; 0245-0300 EG, US/USSR rel (Sharpe 2-22)
- 21570 SWITZERLAND SRI; 1315, 1530-1600 EG, "Dateline", "SW Merry-Go-Round" (Hoffmann, Fraser, Weinhold)
- 21580 FRANCE RFI; 1613-1644 EG, "PCA", "Spotlight Africa" (Wimmers 2-19, Hoffmann)
- 21615 SWEDEN RS; 1415 EG, nx, DX show w/ G Wood (David 2-8)
- 21615 AUSTRIA ORF; 1230-1300 EG, "Rprt from Austr", "SW Panorama" (Krist, Fraser, Weinhold)
- 21655 UNITED ARAB EMIRATES Dubai; 1630 EG, wld nx by W (Thunberg 2-21)
- 21685 FRANCE RFI; 1615-1638 EG, PCA, survey of listeners results (D'Angelo 2-27)
- 21710 UNITED KINGDOM BBC; 1435 EG, "Discovery" pgm (Weinhold 2-17)
- 21720 AUSTRALIA RA; 1000 EG, wld nx, not // 15115, then //, "Int'l Top Hits (Park-HI)
- 21730 VATICAN CITY VR; 1400 SP, ID, to Central Am, very good (Fraser 2-23)
- 21735 WEST GERMANY R Liberty via Munich, listed; 1825-1850 RS, American-sounding nx, sports (Sharpe 2-27)
- 25615 NORWAY RN; 1700 EG, "Norway This Week", nx, features, good (Blanchette 2-27)
- 25665 PORTUGAL RPE; 1600 PO, tlk, nx, fair (Zilmer 3-3)
- 25790 SOUTH AFRICA RSA; 1400 EG, abruptly off 1413 (Weinhold 2-17)
- 26020 ECUADOR HCJB; 1358 EG, rel pgm, ID, nx at 1400, good w/ deep fades (Fraser 2-7)

73's

JSR

LOG FRENEX REPORTERS

Nick Pappas, 251 S. Olds Blvd., Apt. 243 Fairless Hills, PA 19030

Welcome to the April '83 edition of FRENEX, and thanks to the following fifty-one members for their contributions:

Samuel Alcorn, Morrisville, PA (DX-302); Brian Alexander, Mechanicsburg, PA; Kevin Atkins, Birmingham, AL (DX-300); William Bainbridge, Fairmont, WV (DX-300); P. Barta, Toronto, Ontario (RF-2800); Marion Blanchette, Thonotossa, FL (DX-160, RF260); Norman Bobb, Minneapolis, MN (XCR30, ICF2001, R600); Charles Bolland, Lakeworth, FL (Icom R-70, FRG7000); Arthur Bonnet, West Lafayette, IN (DX-302); Chuck Bragg, Temple City, CA (HQ-180A, R-2000); Paul Buer, Miami, FL (SPR-4/FS-4); ken Cobb, Portland, ME (RF4900, RF2800); Larry Cunningham, Columbus, OH; Richard D'Angelo, Wyoming, PA; Ronald David, New York, NY (DX-160); Barbara Ann Dill, St. Marys, PA (RF2200); Marlin Field, Hillsdale, MI (SPR-4, SX-100); Karl Forth, Chicago, IL (HQ-160, RF2900); Bob Fraser, Cohasset, MA (XCR-30); Bob Gundersen, Northfield, MN (R-1000); Reza Hakimezhad, Tuscon, AZ (FRG7700); Michael Hawk, Hampton, VA (GE World Monitor, XER-30, DX150B); Baxter Hensley, El Paso, TX (FRG-7mod, SX-190); Emmett Hoffmann, St. Louis, MO (Collins 51S-1, Galaxy R1530); Ron Howard, Santa Barbara, CA (SB-310); Donald F. Jones, Berea, OH (DX-100); Rufus Jordan, Pittsburgh, PA (DX302, Zenith Transoceanic); Kraig Krist, Falls Church, VA (FRG7700); Bruce Lindsey, Rochester, NH; Rick Lucas, Stockton, CA (R-1000); Sandra Manning, Garland, TX (FRG7700mod); Bill Mayer, Allentown, PA (DX200, GE Portable); Kevin Mikell, Park Ridge, IL (RF4800, RF2200); Michael Monaco, Bronx, NY (SPR-4, RF2900); Sheryl Paskiewicz, Manitowoc, WI (DX302); Joe Polchlopek, Misawa, Japan (DR49, RF4900); Gene Purdum, E. Lansing, MI (FRG7700mod); Lin Robertson, San Diego, CA (R390A); Betsy Robinson, Clinton, TN (ICF2001); Bryan Sharpe, Castro Valley, CA (DX-302, DX-60); Todd Smith, Wilton, CT (Astro-5); Nolan Stephany, Williamson, NY (R392); Bob Thunberg, DuBois, PA (SSR-1, HQ-200); Dave Valko, Dunlo, PA (DX-160, FRG-7); Robert Vance, Bamberg, West Germany (FRG7mod); Louie Wack, Annandale, VA; Barry Washburn, Glens Falls, NY (DX302); Terry Weinhold, East Earl, PA (FRG7, DX160); Bernard Wimmers, Madison Heights, VA (R1000); Earl Witzig, Annandale, VA (R1000); Robert Zilmer, Rio Rancho, NM (R-1000, ICF5900W).

Hope all of you had the opportunity to read John Moritz's comments on contributing in last month's "Shortwave Center". NASWA/FRENEX can only flourish with your input, so the next time you're scanning the bands, jot down what you hear and send it in. Become RadioActive!!!!

Remember, the deadline for contributions is the twelfth of the month.

Until next month, 73's and good DX,

Nick

ANTENNAS/ACCESSORIES

MIKE AGNER

C/O Pa. Blue Shield Erford Rd. Bldg W6E1 Camp Hill Pa 17011

Greetings everyone. This time we have a real potpurri of stuff to present. I could use a lot of the little stuff you are going to see in the near future- any takers???

THE HORIZONTAL HELICAL REVISITED-

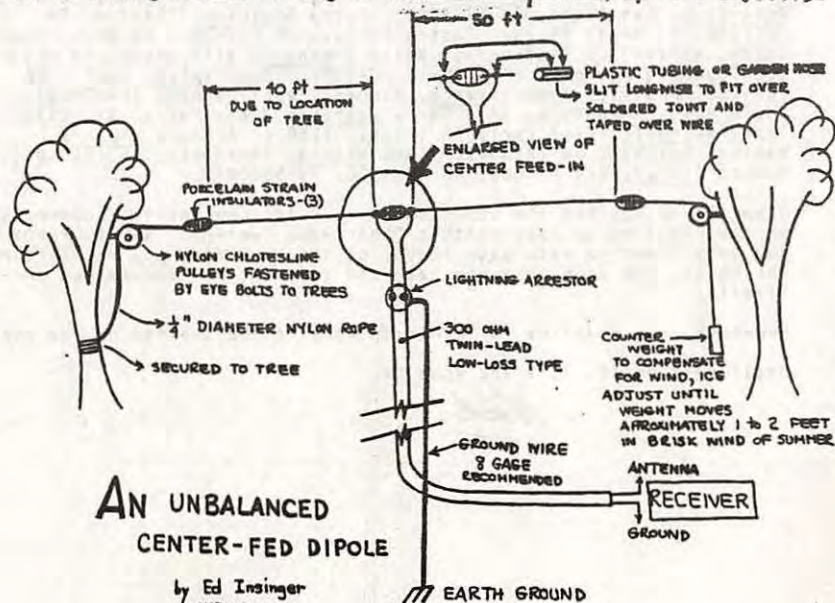
Not too long ago I had the pleasure of writing back and forth with Jack Reeder of Tenn. He has built a rotatable version of the horizontal helical I described here several issues back. But let me quote liberally from his 6/20 letter to me.....

"This antenna is 126 foot of #12 insulated wire wrapped around a 14 foot section of 2 inch plastic water pipe. The lead in is tapped at 42 foot. The mast is one pipe inside a smaller pipe- thus rotatable. It tunes very well from 4.6 (Mhz) to 17.9 (mhz). Above and below these frequencies, the tuner (a MFJ901, if I'm not too far mistaken...mja) has no effect.....

On some frequencies, the antenna receives best broadside, on others it is best off the ends. I can't understand it since a window is suppose(d) to be best broadside. (Jack, the only thing I could think of is winding it around an insulator changes the rules somewhat as to how a directional antenna works. Anybody have a better guess?? mja)

Jack has also built the Snake antenna that Neal Perdue wrote about in an earlier version of SWC. He changed it slightly- instead of both legs being 1/8 wave long, the braid side has a leg 1/8 wave long, and the center conductor has a leg 1/4 wave long. He says that the results are as Mr. Perdue stated- "quieter,.....and about 1 s-unit less (than a Helical vertical he built) (ibid).

Kinda interesting, no? Thanks, Jack, for an interesting letter. Now, to round things off, a different kind of "window" from my old friend Ed Insinger....something to think about putting up. I'd say...73s





ANARC 1983

Washington Area DX Association
(WADXA)

Association of North American
Radio Clubs

606 Forest Glen
Silver Spring, Maryland 20901

ANARC 1983 CONVENTION

July 15-17, 1983
Rosslyn Westpark Hotel
Arlington, Virginia

PRELIMINARY PROGRAM

Friday - July 15

9:00 - 5:00PM	Registration
9:00 - 12:00NOON	Exhibit set-up
12:00 - 5:00PM	Equipment and club exhibits and displays
3:30 - 5:00PM	ANARC representatives meeting
5:00 - 5:30PM	Official convention opening
5:30 - 7:00PM	Dinner on your own
7:00 - 9:00PM	Wine and cheese reception

Saturday - July 16

8:00 - 9:00AM	Registration
9:00 - 10:00AM	Seminar one--PUBLICIZING RADIO LISTENING-- Who should do it and how much should they do? Hear what broadcasters, clubs and equipment manufacturers think
10:15 - 11:00AM	Seminar two--TRENDS IN BROADCASTING, EQUIPMENT AND LISTENING--Find out where the experts think the hobby is headed
11:15 - 12:15PM	Seminar three--COMPUTERS IN THE RADIO HOBBY-- Learn what you need to know about computers and how they can make your listening more interesting
12:15 - 1:30PM	Lunch on your own
1:30 - 2:30PM	Seminar four--CONCURRENT SESSIONS ON LW/MW, FM/TV, PSB/UTE and SW--Free-wheeling dis- cussions of various aspects of the hobby with noted DXers as discussion leaders.
2:45 - 3:45PM	Seminar five--MEET YOUR FAVORITE BROADCASTER-- An informal opportunity to visit, get auto- graphs and take pictures
4:00 - 4:15PM	Presentation of "Review of International Broadcasting" awards
4:15 - 5:30PM	Seminar six--BROADCASTER'S FORUM--A chance to question broadcasters about their stations, their programs or about anything else on your mind
5:30 - 7:00PM	Free time
7:00 - 7:30PM	Cash bar
7:30PM	Annual banquet/presentation of ANARC awards

Sunday - July 17

9:00 - 11:30AM	ANARC annual general meeting
11:30 - 1:00PM	Lunch on your own
1:00 - 1:15PM	Presentation of HAP awards
1:15 - 3:30PM	HAP auction
3:30PM	Closing ceremonies



ANARC 1983

Washington Area DX Association
(WADXA)

Association of North American
Radio Clubs

606 Forest Glen
Silver Spring, Maryland 20901

NAME _____

ADDRESS _____

Date arriving in Washington: _____

Date leaving Washington: _____

Telephones/home & work _____

HOTEL ACCOMMODATION

_____ Single room for one person (your room deposit is \$45.00).

_____ I have arranged to share a room with the following person(s):

1. _____ 2. _____

Your room deposit is \$22.50 if sharing with one person, \$17.00 if sharing with two persons; be sure each roommate sends a registration form, room deposit, and convention fee - this may be done separately or in the same envelope. Room cost for three people is \$51.00, \$6.00 for an additional cot in the same room.

_____ I would like the convention committee to arrange roommates for me.

Your room deposit is \$45.00, although your nightly room cost may be lower; in that case, the remainder will be credited to your second night's stay. We anticipate no difficulties in finding roommates; however, no guarantees can be made.

_____ I require special accommodations (such as a suite or extra room, etc.).

In this case, please make your own reservations with the Rosslyn Westpark Hotel, telephone toll-free 800-528-1234. Be sure to mention to the hotel you are attending the WADXA/ANARC 1983 Convention. Send no room deposit to WADXA, but do send this registration form and convention fee(s).

_____ I am attending the convention but not staying at the Rosslyn Westpark Hotel.
Send registration form and convention fee only.

CONVENTION FEE: \$30.00 per person, to be sent with this registration form and room deposit. The \$30.00 includes the Saturday evening banquet and all convention activities. Please ensure that you have filled in all parts of this form, and have enclosed your payment. Reserved hotel accommodations will be arranged on a first come, first served basis, so send in your registration form as early as possible to avoid disappointment. No refunds available after July 1. If you must change your hotel reservations--do not call Rosslyn Westpark--call WADXA at 301-593-4411.

See you at ANARC 1983!

Payment should be made by check or money order
in U.S. funds, payable to WADXA/ANARC 1983

Room deposit \$ _____

Convention. If you live outside the United States, use some form of international money order, available at your bank or post office.

Convention fee \$ _____

TOTAL \$ _____

SPECIAL NOTICE: All registrations postmarked by June 1 will be placed in a drawing for a record set of Canadian music (donated to this convention by RCI) and awarded to lucky registrants at the convention. So get this form and money in to WADXA pronto!

How did you first hear about the convention?

What DX clubs are you a member of?

HAP DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any 5 for \$1.00. New since last issue: WCOO(mini), Radio Tees, 2ZA(cir), RNZ(mini), ESPN, Radio Prague, Radio Bucharest, Polskie Radio, RIAS(Treff Punkt), Radio Sweden. We also have the following in stock: 12B, ORF, 6KY, Metro Radio, Radio DeeJay, PCH, ABC-FM Perth, 4ZA, 4GG, 6WF, CapitalRadio(cir)(square) & (long), BDXC, Radio Nacional de Espana, Radio Sweden International, Radio Budapest, WMET, KHFI, WRCC(old)(new), WYSL, KTXQ, KBOI, KBDF, KTYD, WQMF, WGCI, KROY, KGO, WBSC, WDBO, WRCC(large)(small), WSST, KGB, KWIF, WPLJ(Doors)(AC/DC)(Stones)(Rock/Roll)(Who), WLUP(large)(small), WINS, KVET, WDET(large)(small), WZZO(large)(small), WEEI(mini), KNOW, WLPX, KLDN, WWSH, WCFL(large)(cir), KYYX, WAYE, WSTU, WZZD, Music TV(large)(small), KCOL, KCUZ, KLEF, KCEE, KTSA, WCMF, KWK, WLRS, WGCL, WJVA, WIFI, KLOL, KFRG, KMPB, KLOS(large)(small)(Grateful Dead), KLRZ, WLLZ, WEZZ, KITX, WPLR, WMMR, WGCH, WIRE, KOKE, KPNW, KDKD, WGLB, KOLO, KJRJ, WNMU, KKFX, KOME(black)(yellow), CHUM, CKLG, CKN3, CFAX..... The following ones are \$.50 each: Radio 210, Radio Aire, Radio El Mundo, 2CH, 7EX, Radio Tay, 2YE, FR3, Voice of Free China, RNE(Soccer), 4XO, Radio Avon, Polskie Radio(Coat of Arms), Radio Caroline(black)(white).

ADDRESS: Send all your orders for direct sale items and your bids to: Sam Barto, 489 King St., Bristol, CT. USA 06010.

ADDITIONAL DIRECT SALE ITEMS: The following items are available at the quoted prices: KYUU X-large poster \$.75; WPEZ or KBOI paper hat \$.50; WEMP, WQFM, Disco-99 iron-on T-Shirt decals at \$.25 each; KREM, WPLJ plastic ID cards at \$.25 each; 2GB coaster \$.50; WNON ice scraper at \$.50; WMMR large book cover at \$.25; CBC Southwest Ontario plastic litter bag at \$.75; Radio Peking panda book marker at \$.25; WCTC key chain \$.50; London Music Radio, European Music Radio, Thameside Radio paper banners at \$.25 each; Radio Habana Cuba book marker \$.25; Radio Forestland balloons at \$.50; WLPX, WMMR, WMET(dark)(light), CFTR(Blues Brothers), WLUP, Radio City-194 metal station badges at \$.25 each; KAZM metal station badge at \$.50; Radio London, Radio Caroline, Radio West, Radio Duomo(car)(woman), Voice of Syncom, Radio Fil Rose, Radio Nord B&W mini-posters at \$.25 each...Hope there is something in the above for you!

HAP BID ITEMS: ITEM #360: CFOX sticker(5"cir)m/c(multi-colored)-beauty!#361: Deutsche Welle (Germany)5 minutes of preolympic info. on a 5"reel tape.#362: WINK sticker(3.5x9")m/c.#363: Radio Victory(UK)coaster(4"cir)m/c-nice!#364: KTXQ metal badge(1.5"cir)m/c.#365: CKVO(Newfoundland)sticker(5.5"cir)m/c-very good looking!#366: Radio Nacional do Brasil sticker(3.5"cir)m/c.#367: Radio Clyde(Scotland)key chain,red,white.#368: KIRO key chain,blue,white.#369: Radio Clyde metal badge(2"cir)red,white.#370: 1XX(New Zealand)station balloon.#371: Radio Forth(Scotland)radio station balloon.#372: WBBM station balloon,orange,black.#373: Radio Clyde pen,red,white.#374: Radio Forth coaster(3.5x3.5")orange,B&W.#375: Metro Radio (UK)pen,red,white.#376: CFGO decal(2.5x5.5")blue,yellow,white.#377: SERCANO RADIO Network (Central America)sticker(2x8")6 different CCB stations on one sticker!m/c.#378: 2GB(Australia)station balloon,m/c.#379: WHDH m/c paper folder(9.5x12")very nice!#380: CBC Radio "Dr. Bundolos Pandemonium Medicine Show"iron-on decal,m/c.#381: CBC Radio "90 Minutes with a Bullet"iron-on T-Shirt decal.#382: WPLJ 5 different(8.5x11")photos of DJs-super!#383: WRCC T-Shirt"Logo"(M) with blue background.#384: WCFL T-Shirt(S-M)m/c with Logo.#385: WBUR T-Shirt(S-M)m/c with Logo.#386: WLUP T-Shirt(S)B&W-nice!#387: KFMZ 9"dia. frisbee, yellow,black,green-super!#388: CHAY sticker(6x6")m/c.#389: BBC-WS(UK)metal station badge(1.5"cir)red,white,blue.#390: WPLR plastic key chain,red,white.#391: Radio New Zealand mini paper pennant(2.5x6.5")m/c.#392: NBC(Papua)paper pennant(3x6")yellow,brown.#393: Radio Club (Italy)erotic decal(5x5.5")2 tone white-nice!#394: WDR Radio(Germany)black & blue station pen.#395: Trans World Radio decal(3x5.5")blue,white.#396: Trans World Radio decal(3x5.5")blue,white,red.#397: Springbok Radio(South Africa)cloth pennant(6.5x12.5")m/c-very nice!#398: Radio Caroline(Euro Pirate)paper banner(2x17")blue,white.#399: Radio Prague(Czechoslovakia)metal station pin,m/c-good looking!#400: WAVA metal badge(1"cir)red,B&W.#401: Deutsche Welle(Germany)sticker(4x4")red,white,blue.#402: Deutsche Welle sticker(4x4")green,B&W.#403: Radio Time(Italy)decal(2x6.5")red,white.#404: Radio Jukebox sticker(2x5")odd shape,m/c.#405: Radio Tees(UK)decal "I Love"(2x19")m/c.#406: 3TR(Australia)sticker(2x15")for the Victory Football League.#407: Radio Hallam(UK)sticker(2.5x13.5")m/c-super!#408: Mercia Sound(UK) sticker(3x15")m/c.#409: Radio Habana Cuba large 1978 m/c World Youth Festival poster.#410: Goteborg Radio SAG(utility station)sticker(4"cir)gold,B&W-very nice!#411: 4GG Gold Coast Radio(Australia)"Boat Safety" sticker(7"cir)m/c-georgious!#412: HONDURAS:4 different mini-stickers each featuring a different CCB station-unusual!#413: Radio Korea new cloth pennant with yellow frill(4x9")m/c.#414: FEBC(Philippines)paper pennant(4x8.5")red,B&W.#415: RFI (France)cloth pennant(4x8")blue,white.#416: VOFC(Taiwan)sticker pennant(3.5x6")blue,B&W.#417: VOT(Turkey)cloth pennant(7x12")m/c-beauty!#418: RBI(DDR)double sided cloth pennant,m/c.#419: RBI(DDR)double sided "DX Club" cloth pennant,m/c.#420: Radio Peking "Tien an Men" paper pennant(5.5x11")m/c.#421: Ondas Azuayes(Ecuador)cloth pennant(6x11.5")m/c-nice!#422: Radio Korea cloth pennant(3.5x6")red,white,blue.#423: AWR Radio(India)paper pennant(4x10")m/c.#424: REE(Spain)cloth pennant(5x8")m/c-nice!#425: BRT(Belgium)cloth pennant(5.5x10")red,black,yellow.#426: RTBF(Belgium)paper pennant(4x8")m/c.#427: Radio Melodia(Peru)cloth pennant(4.5x7.5")m/c-sharp!#428: WNMU metal badge(2"cir)red,B&W-beautiful!#429: Public Radio sticker(4x14")green,black-sharp!#430: DDR First Day Covers with cachet and stamps via RBI 3 different, really classy!#431: Magic 107 FM decal(3x12")m/c. Hope there is something here for you. Get your bids in as soon as possible.....Sam.

NOTE: Please remember to make your minimum direct sale purchase at about \$3.00. Make your bids on the bid items reasonable. No \$.25 bids on T-Shirts. OK...Have fun.....Sam.

NORTH AMERICAN SHORTWAVE ASSOCIATION

45 Wildflower Road
Levittown, Pennsylvania 19057

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All remittances must be in U.S. funds and mailed to: NASWA, P.O. Box 13
Liberty, IN, 47353, U.S.A.

Update: Besides FRENDEX, NASWA also publishes UPDATE.....a mid month newsletter with the very latest DX news while it's still news. (UPDATE also appears in each issue of FRENDEX). It is only available to NASWA members.

"UPDATE" SUBSCRIPTION RATES PER YEAR:

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