

# *FRENDX*



**George Jacobs - A Shortwave Center Profile**

FEBRUARY 1984

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: Modified Yaesu FRG-7 with two selectivity positions. In excellent condition. Original carton and manual. Price \$275.00. Matching speaker, \$30.00. Gilfer GAR-7 digital readout for this FRG-7, \$75.00. Or all items for \$350.00. I pay shipping and insurance in continental 48 states. Gene Nix, 428 Prairieview Drive #A, Gillette, WY 82716. Phone (307) 682-2623.

FOR SALE: Hallicrafters S-108 communications receiver in good condition. Original operating and service instructions and schematics go with it. Make me a reasonable offer with an S.A.S.E. ALSO R.M.E. DB-22A Radio Frequency Amplifier and Preselector with original operating and service manual and schmatic included. In good condition. Make me an offer with S.A.S.E. Arthur M. Hankins, RD #7, Box 289-H, Greensburg, PA 15601.

WANTED: Information on the Sony ICF-6500W portable receiver and models of cassette recorders good for SWling. Scott Nelson, P.O. Box 321, Parshall, ND 58770.

FOR SALE: Realistic DX-302 in good condition with instruction manual. This receiver works very well and has been trouble-free. Price \$200.00, UPS paid by me. Jim Gorichanaz, 4141 South 60 #42, Greenfield, WI 53220. Phone (414) 545-5410 or (414) 383-2313.

WANTED: I'm in the process of doing a magazine article on Radio Swan and would like to enlist the help of the NASWA membership. I would appreciate it if any member with information on Radio Swan would contact me. I'm looking for any information from the date the station first went into operation to its role in the Bay of Pigs. Thank you. Mark W. Johnson, Box 251, Fairfield, ID 83327.

FOR SALE: Mint RF-2900, \$140.00 of best offer. Radio West Active Antenna, \$30.00. Wollensak Monoral 7" reel to reel recorder (2-speed, 2 or 4 track) in excellent condition with many free tapes, \$60.00. All items plus postage. Fritz Mellberg, 1505 Central, Hawarden, IA 51023. Phone (712) 552-2458 from 2300 to 0400 only.

WANTED: I need a manual for the Heathkit Antenna Coupler Model AC-1 and would appreciate hearing from anyone who has one for sale or copy. I also have a manual for a DX-160 which I will send to any member who needs it. Boris Benkovich, 102-121 West 20 Street, North Vancouver, B.C. Canada V7M 1Y2.

FOR SALE: Panasonic RF-4900 modified by Gilfer. Bought new in Nov. 1982 for \$479.00 and used approximately 100 hours. Dust cover included. Price \$260.00 firm, UPS paid. William Planck, 1407 Lincoln Avenue, Lot 4, Alexandria, IN 46001. Phone (317) 724-3178.

FOR SALE: Sony AN-1 Active Antenna. Brand new, still in box, \$60.00. Sony AC-12 adapter for above, \$10.00. Autek QF-1 Audio Filter, \$20.00. Prices include UPS shipping. Nick Lombardi, 2203 Plaster Road N.E., Apt. #N-1, Atlanta, GA 30345. Phone (404) 633-3822 evenings.

FOR SALE: Panasonic RF-4900 receiver, four years old and in good condition. Price \$265.00. ALSO 1981 WRTH, \$7.00 ppd. Jean-Pierre Caravan, 911 Hamilton Mall, Allentown, PA 18101. Phone (215) 437-0820.

FOR SALE: Galaxy R530, SC-530 apeaker with manuals, \$195.00 shipped UPS. FRENEX: complete 1/77 to 12/82, \$5.50 a year. WRTH: 78 to 81, \$6.00 each. Shipping included. Cashiers check or money order, please. Al Drehmann, 11714 SW 129 Court, Miami, FL 33186. Phone (305) 385-3897.

FOR SALE: NXL-1000 Noise Cancelling Active Indoor Loop Antenna. Covers 1.5 to 30 MHz. If you have a noise problem at your QTH, this is the antenna for you. It is the Faraday (electrostatic) loop used by the military because of its ability to reject noise. A steal at \$45.00 including postage. Steve Leite, 190 Healy Street, Fall River, MA 02723. Phone (617) 675-2830 from 2200 to 0200 GMT.

One year later...and here's hoping that the next is as interesting as the last. This is beginning to sound tedious, I admit, but thanks to all for your support, both with SWC and the Executive Council "race". You're a good group.

## GEORGE JACOBS: A Passion for Radio

by John Herkimer

Imagine someone involved on a policy-determining level with The Voice of America, Radio Free Europe/Radio Liberty and WRNO. Then, add to that experience as an active radio amateur and a reputation as an expert on propagation, with regular feature articles in CQ magazine and the World Radio-TV Handbook. Then consider GEORGE JACOBS.

George's professional career began at the age of 17, as a high school student, working after hours for WKYN in Kingston, New York. But his love for radio began even earlier. "My father was an avid DXer," he explains. "In 1929, when I was five years old, I recall watching him one weekend assemble a "superhetrodyne" radio from a kit. It wasn't quite operating when I had to go to bed that Sunday evening, but he promised to wake me up when he had it going. He did. I still clearly recall him placing the headsets on me and saying... 'Son, that's Toronto there, way up in Canada!'"

After a stint as a radar navigator during World War II (with the 8th Air Force in England), he entered New York's Pratt Institute for a degree in Electrical Engineering. On graduating, he joined the engineering staff of The Voice of America, being promoted, later, to Frequency Division Chief at the tender age of 29. At the Voice, George is credited with pioneering and developing the overseas technical system of the VOA. In 1976, George was named Director of Engineering for the U.S. Board for International Broadcasting, the organization responsible for granting Congressionally appropriated funds to Radio Free Europe/Radio Liberty, and overseeing operations of those stations. During George's tenure with the Board, FRE/RL underwent modernization of their technical facilities.

After 34 years of government service, George began private practice in 1980 as a Consulting Radio Engineer, utilizing his vast experience to help such fledgling stations as WRNO (the first entirely commercial U.S. SWBC station) take to the air.

A devoted radio amateur (W3ASK), George is currently Propagation Editor for CQ magazine and his analysis and predictions appear annually in the WRTH. His book, "The Shortwave Propagation Handbook", is in its second printing, completely revised and updated. But more on that later....

### GEORGE JACOBS & ASSOCIATES, INC.

Consulting Broadcast Engineers  
8701 Georgia Ave., Suite 402  
Silver Spring, MD 20910

The subject of domestic SWBC draws the question of the types of problems that confront ambitious new stations.

(cont'd)

George cites, "Economics. A 100 kW shortwave transmitter eats up an awful lot of power monthly. It, along with a directional antenna, land, buildings costs on the order of 1 million dollars to install, with high monthly operating fees. I discourage potential clients from going into the shortwave broadcasting business unless they are already in the broadcasting field, and can either simulcast part of the time, or use personnel already on the payroll. WRNO has been a successful operation because it utilizes staff from WRNO-FM, and keeps operating costs down. Joe Costello has decades of experience as a successful broadcaster, and he was able to handle the problems of a shortwave operation in his stride."

George's experience was put to good use at WRNO. "I'm WRNO's Consulting Engineer. Specifically," George continues, "I helped get there application through the FCC when it stalled. I also do all of their frequency scheduling, coordinating with the FCC, the ITU and other International Broadcasters. I also advise them in a general way about programming, audiences, etc., based upon my more than 34 years with the VOA and RFE/RL."

The expansion of domestic U.S. SWBC is of particular interest to George, who is quick to point out, "It is a practical way of becoming an instant "super station". but it is not for novices, as I mentioned before. It is especially attractive to religious broadcasters because of its tremendous reach, and relatively high potential audience. But it is not cheap! During the past three years I have been approached by 18 different individuals or organizations who wanted me to file a shortwave broadcast station application for them. I turned 12 of them down and advised them to forget about it since they were not in the broadcast business and did not have the financial backing required, and the risk was much too high for them. Two of these organizations filed applications anyway, using another engineer, but both are having difficulties, I understand. Of the six that seemed to me well qualified, I am the Consulting Engineer for four of them; the other two being on the West Coast and preferred to use a local engineer, but I understand that I will be doing the frequency scheduling for them. Of the four that I encouraged, two have already been filed with the FCC, but Construction Permits have not as yet been granted. One of these is the High Adventures Ministries in California (Ed's note: They operate King of Hope-Lebanon on 6215 kHz) and the other is Dr. Hugh Van Eaton of Lake Charles, Louisiana. The other two will be filed soon, but I cannot disclose their names at this time."

When George isn't busy with consulting work, it's back to the propagation work he's equally well known for. If you've ever tried your hand at predicting openings by using George's charts in the WRTH you might question their accuracy, but George insists that, "The accuracy of the predictions are generally on the order of 90%, over a period of a month. This means, that if a schedule is on daily, you would expect to hear it well for at least 27 days of the month."

If you want to learn about propagation and predictions, I suggest you pick up a copy of George's book, "The Shortwave Propagation Handbook". The newly revised and updated second printing is available from George himself and you can get a personally autographed copy for \$10 postpaid from: George Jacobs, 11307 Clara St., Silver Spring, MD 20902. The book is not overly technical, by the way, but rather explains propagation in easy to understand language.

In closing, I'm reminded of a description of George I once read as "an amiable, soft-spoken giant". DXers everywhere can be glad that even a "giant" in the broadcasting industry can still share the pleasure of our hobby.

And thanks, George, for your kind help with this article.



BOARD FOR INTERNATIONAL BROADCASTING  
United States of America

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¡PARA LOS DXISTAS ACTIVOS! Steve Reinstein updated his list of Latin American leaders for us (which proves how fast the situation changes). This time Steve added the type of government and he notes, "There should be several changes in leaders this year so perhaps will update again next fall. Colombia has elections in May, Bolivia could change anytime, and Belaunde is treading on thin ice in Perú". Keep us posted Steve, OK?

#### LEADERS OF THE AMERICAS: 1984

ARGENTINA - Raúl Alfonsín; elected civilian  
BELIZE - George Cadle Price; parliamentary Prime Minister  
BOLIVIA - Hernán Siles Suazo; elected civilian  
BRAZIL - João Baptista de Figueiredo; military dictator  
COLOMBIA - Belisario Betancur; elected civilian  
COSTA RICA - Luís Alberto Monge; elected civilian  
CUBA - Fidel Castro Ruz; personal dictator  
CHILE - Augusto Pinochet Ugarte; military dictator  
DOMINICAN REP. - Salvador Jorge Blanco; elected civilian  
ECUADOR - Osvaldo Hurtado Larrea; succeeded late Pres. Jaime Roldos  
EL SALVADOR - Alvaro Magaña; appointed interim Pres.  
GUATEMALA - Mejía Victores; personal dictator  
GUYANA - Linden Forbes Sampson Burnham; personal dictator  
HAITI - Jean Claude Duvalier; personal dictator  
HONDURAS - Roberto Suazo Cordova; elected civilian  
MEXICO - Miguel de la Madrid Hurtado; elected civilian  
NICARAGUA - Daniel Ortega Saavedra; military dictator  
PANAMA - Ricardo de la Espriella; transitional Pres.  
PARAGUAY - Alfredo Stroessner; personal dictator  
PERU - Fernando Belaúnde Terry; elected civilian  
SURINAM - Desi Bouterse; personal dictator  
URUGUAY - Gregorio Álvarez; military dictator  
VENEZUELA - Jaime Lusinchi; elected civilian

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## A visit to The People's Republic of China

George J. Poppin (1 December 1983)

Last September my wife Dottie and I had a chance of a lifetime visit to the People's Republic of China and to have discussion-talks with the members of the Beijing and Changzhou Rose Societies. We had the occasion to visit Beijing, Nanjing, Changzhou, Hangzhou and Shanghai. Each city was beautiful and had it's own distinct charm and beauty. During our four day busy schedule at Beijing I had the rare privilege of having meetings with the Deputy Director of Radio Beijing, the Engineering and Technical staff, the Directors of the English and Chinese language departments, Director of Foreign Relations of R/Beijing, Deputy Director of the Medium Wave radio department and the Director of the Listening Section. As many of the announcers that were available at the time also attended one of the meetings and it was pleasing to meet the personnel whom we hear on R/Beijing's SW programs to NA. All of the meetings with the above personnel were open, frank, cordial and productive. Radio Beijing is to be congratulated for the programs that they are able to transmit considering the not too sophisticated equipment which is available to them at this time. So many fine points were covered at the numerous meetings that it would take a short story to cover all of the topics discussed so I'll keep to some of the essentials. Some of the subjects discussed will be postponed for the time being but they will be covered at a later date. Radio Beijing is preparing a MW daily program for the English speaking people of other nations residing in Beijing and Ms. Zhou Hong, who once handled the MUSIC FROM CHINA segment of their programs, is coordinating that project. We were dined at the STUFFED DUCK RESTAURANT and the cuisine was tops and nothing in the chop suey Americanized version of their food.

We had the opportunity to meet the Vice-Directors of radio of the Jiangsu and Zhejiang Provinces as well as the Vice-Director of the Shanghai Broadcasting Station. Our discussions during dinner were open and most cordial and in an "easy-going" atmosphere. In Shanghai we visited the MW central broadcasting facility which has

six channels. Beside their regular Chinese language programs they also present programs in English, German and Japanese languages. Learn To Speak Those Languages, education and vocational training programs, music for the satisfaction of many tastes and much to my surprise a telephone call in program as well as a write-in request program. Their facilities were large enough to present live, small orchestra programs. Their programs in the foreign languages were previously taped. The tour of the broadcasting facility was most interesting and the person who conducted the tour was one of the persons in charge of several areas of that broadcasting facility. ...a very cordial and pleasant gentleman. Tea cups were always kept full at all meetings we had in China and my favorites are Dragon Well and Jasmine tea.

Perhaps one of the most revealing circumstances was to observe the people inhabiting the cities which we visited. If one of their men was to mingle with the populace of ANYWHERE, USA he would not be readily distinguished from the other men. The men we observed on their way to and from work wore sport shirts, slacks, shoes, some wore white shirts and they all rode bicycles. The women wore appropriate type of slacks, shoes and blouses. The workers in factories, etc. wore appropriate clothing for their occupation. We did not observe long lines of people waiting to purchase goods in a store and the stores we visited were packed with customers. We saw no beggars or drunks and gone is the blue uniform that all wore a few years ago. We observed many billboards advertising local and foreign products and just like Kilroy, Coca-Cola was there. We saw TV antennae atop residences, TV's made in Japan, stereos, cassette recorders and radios, hardware and all sorts of goods. There was building going on everywhere. The USA, Japan, Australia, Great Britain, West Germany and many other nations were part of the Joint Venture projects. The people's Free Markets, where workers were able to sell goods or produce raised on their own plot of land, were interesting places to visit and we visited many. The visit to St. Mary's Catholic Church in Beijing and meeting Father Anthony Leo and to receive a copy of a Chinese language Old Testament printed in 1983 (copies of the New Testament which were distributed with the Old Testament to the parishoners were temporarily out of stock) was one of the highlights of our trip.

The people we met were friendly, warm, cordial and honest. Honest for they showed us areas which told us that China was over-populated as well as areas which indicated that their nation was on its way to modernization. As I told all of the people and officials we met: a two week visit to China is not making me an authority on China and that I would not hurry home to write a book as an "expert" on that nation. I recommend the visit to China to all of my colleagues. Memories are made of this.

Mr. Ma Ruiliu (pronounced Ma Rayloo), Head of the Listener's Section of R/B and who signed all of their letters to the listeners of R/Beijing is being assigned to Washington, DC as a correspondent for the station. He is knowledgeable, pleasant and is an interesting person to speak with. During our conferences at Radio Beijing, I suggested that they send out quarterly frequency schedules even if the frequencies would remain the same...try to stick to those frequencies for frequent changes during some hours of their schedule confused the listener and they could lose some of their listenership to their programs. I mentioned the cochannel of their Chinese programs on some of their English language frequencies. Said they would check that out. We spoke of the humming sound heard on most of their WCNA frequencies and they stated that a facility in their path was the cause and would work on it. They were very interested to know if their news programs were being heard. I said that they were for I had heard or seen "as mentioned by Radio Beijing" many times and that I was sure that our policy makers were clearly interested in their news, as are the shortwave radio listeners.

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## The DX Laws of Señor Feliz Navidad

(As related to NASWA member Al Sizer)

**Exclusive!!**

Most people in the hobby know Feliz Navidad only as a verie signer whose name once appeared in the FRENEX QSL column but, actually, Señor Navidad is a distinguished DXer in his own right.

He is, for instance, the only DXer I know who has more stations QSLed than logged. He modestly explains this discrepancy by noting that "I guess I'm just better at verifying stations than hearing them."

## FELIZ NAVIDAD (cont'd)

One of his secrets is that when he hears of a new station he moves fast to verify it. "Beat the rush!", he advises. "You can always log it later. Mañana is good enough for me."

"What if you can't log it?"

He shrugs his shoulders. "Quien sabe? Maybe they'll get more power someday."

What is his No. 1 QSL?

"Bhutan, undoubtedly. How I'd love to log that station someday!"

I asked Señor Navidad if he could sum up some of his DX wisdom in a series of laws and observations and he graciously complied.

To wit:

1. Never report on a program broadcast in your own language. Then you don't have a chance to excuse yourself for lack of details.
2. Think positively! If there is a welter of noise on 3290 kHz Wednesday at 1900, it must be Tristan.
3. The most useful phrase in reporting to a Latin American station is "música de su país".
4. It never hurts to mention you have a cousin in government who handles loans to foreign countries.
5. Tell the Russians you hate the Chinese.
6. Tell the Chinese you hate the Russians.
7. A good opening sentence means a lot in your reception report. I like to start this way: "At 1000 GMT your station came on the air with your country's national anthem and I stood up at my receiver in tribute."
8. Many at stations who handle correspondence are young female secretaries. It doesn't hurt to mention that you are young, single and lonesome.
9. Reporting to a station no longer on the air requires special techniques. I often quote a song: "Miss you since you went away, dear. Miss you, more than words can say, dear." But be careful; don't tell a station off the air for 20 years that you are a 15-year-old DXer.
10. As a last resort, get mad! "You have insulted my country, you have insulted my President and you have insulted me!" This brought results from a tiny country that feared it was about to be invaded.

Has Señor Navidad ever been rebuffed in a QSL attempt? Twice, he ruefully admits. Only twice.

"I sent a full report to Nibi-Nibi a number of years ago and three follow-ups. I even got mad. But they never replied and I don't know why to this day."

"The other time was really my fault. I jumped the gun a bit. The station hadn't come on the air yet although I'd read about it. They must have blacklisted me. No one is perfect."

And certainly not Señor Feliz Navidad!

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(Indeed! - JH)

J. T. Katz  
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917-5717

#### MORE ON COMPUTER RF INTERFERENCE:

Jonathan T. Katz, Technical Specialist for GE, offers some expert advice on a topic we've tossed around in the past few months.

"I would like to add additional information to the item in the December FRENCH titled, "RF INTERFERENCE AND THE HOME COMPUTER" by Bill Krause.

FCC compliance of a home computer does not guarantee reduced interference to shortwave receivers. The FCC regulations referred to are designed to prevent interference to land mobile radio service and to TV receivers at a distance of 10 meters (!) and through at least one wall. The regulation does limit power line conducted RF energy in the 0.45 to 30 MHz range. I know of no regulation applying to radiated energy in the shortwave spectrum. Computers having FCC compliance will probably (but not always) be less prone to shortwave RFI because of better shielding (intended for reducing VHF RFI).

RFI from the computer may be additionally reduced at the receiver by using an outdoor antenna connected to the receiver with good quality coaxial cable having soldered on (not crimped or pressure connected) coax connectors. All antenna accessories (tuners, preamps, switches, etc.) should be enclosed in grounded metal boxes. Experimentation with various methods of grounding the receiver, coaxial shield, and accessories may prove necessary to minimize interference.

Wrapping a home computer in foil may reduce interference but can also reduce component life in the computer due to increased operating temperature. A grounded "cage" constructed of metal window screen or perforated sheet metal can be a good compromise if foil helps your RFI situation."

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## Local-Quality DX: An Underrated Pleasure

by John Campbell

It is a good thing that the DX-SWL controversy of the last few years has now faded away, or it would be tempting to say here (but I'll say it anyway) that the hypothetical extremist DX fanatic has much in common with the hypothetical extremist program-listening fanatic. The rarest DX usually consists of new stations with low power and suspect modulation in the Andes or Indonesia, where the greatest challenge involves figuring out just who and what they are before their home-brew transmitters expire and put them off the air for the (sometimes) years that they need to find the money for spare parts. To meet the challenge, a DXer must act like a fanatical program-listener if he is to pick up the limited clues on which his Sherlock Holmes talents can go to work. His most concentrated attention must be reserved not for music but for what is being said. Any Radio Moscow producers who could persuade their listeners to pay equally close attention to their scripts would deserve instant promotion to the Politburo.

It is not surprising that people who concentrate in this way on particular national types of programming very often develop a considerable taste for all the aspects of the culture of that country or region. Many of one's chances to indulge the taste come not through radio but through sources such as records and books. (This is my opportunity to put in a commercial for the Peruvian novelist Mario Vargas Llosa. Radio freaks should try first his "La tía Julia y el Escribidor", now translated into several languages, in which the scriptwriter mentioned in the title kills off characters in his radionovelas and later revives them with no explanation, or moves them randomly from one soap-opera to another and back again, in imitation of a real scriptwriter who once did the same thing because of overwork in--I think--Venezuela). However, the occasional nights

of good reception when one does not have to strain one's ears to follow exotic stations' programming are memorable bonuses.

There is probably no location in the world that allows a reasonable possibility of this type of reception from all the exotic or near-exotic areas--both the Andes and Indonesia, say. Fortunately I have not been permanently deprived of my radio fix for any area whose DX stations I enjoy hunting, because my work has taken me to many different locations with many different reception patterns. The pleasure of a new pattern, for me, is not in the chance of excellent daily reception of stations that were formerly rare DX --that is too much like chasing rabbits with a machine-gun-- but rather in finding sporting chances of occasional good reception of stations that are normally heard at a weak level and with difficulty. Also, these patterns tend to color one's permanent impressions of the places in which one obtains them, and adds a new pleasure to the more obvious rewards of travel.

For example, Tiwai on the New Zealand coast south of Invercargill will always be associated for me with excellent 60-meter Peruvian reception from stations difficult to catch in more familiar locations, and for the combination of isolation (in a farmhouse 6 miles from the nearest neighbor), the ocean view with no more land to the south before Antarctica from a high sandbank behind the house, and songs in praise of Junin from R. Chinchaycocha on 4860, drifting out of the kitchen door by courtesy of a battery Barlow-Wadley portable which was supporting a paraffin lamp. (No power lines out there; maybe another point of contact with the Peruvian audience for 4860). The New Zealand coast will also always remind me of the daily news broadcasts at 2015 from Chatham Islands Radio on 2556 for the local population, with real down-home news like raffle results and the impossibility of children on vacation returning to the mainland on time for the new school term because the Department of Education had forgotten to print the necessary special tickets.

I expected rewards like this before I arrived in New Zealand, but occasionally the pleasure is unexpected. When I was visiting Perth for a conference where the delegates were mostly brainwashed into staying in one exorbitant hotel in the center of the city, I tried my luck instead with a bus ride from a stop outside the conference hall to a featureless suburb with a Serbian-run hotel at \$7 a night. After being unable to pick up any all-night music stations while writing some material for the next day's meeting, I took the Barlow-Wadley receiver for a short walk in the car park outside and was rewarded by surprise receptions of Radio Maldives, 4740, and Mauritius on 4851. So, for me southern Perth will always be not just a cultural wasteland plus cricket and beer but "the kind of place where you can hear Mauritius without really trying" - rounded off by Serbian sausages for breakfast as part of the \$7 deal, while my fellow-delegates got cardboard bacon and horror-movie eggs for their \$40-plus.

I can even claim to visiting DXers that my present English location has its agreeable surprises. One cold Sunday night in winter I tuned to 1630 kHz (yes, Virginia, not MW now, but in those days SW according to NASWA started at 1605 kHz) to hear a very unprofessional DJ dedicating a laborious primitive folk number to "Mary Hannan and the other girls in the 5th class at the Jamestown Normal School". This was Independent Radio Drumshanbo, with 50 mighty watts (on a good day) from a leaky caravan on the edge of an Irish town noted mainly for jelly manufacturing. Since then I have heard many Irish community-minded pirates, and West Devon seems partly to me "the place where you can eavesdrop on the grass-roots voices of Ireland". Not that this is all that can be said for it; grass-roots voices from Honduras are also available, e.g. Radio Lux with children's birthday parties and "Who's afraid of the big bad wolf?" in Spanish, and from La Voz de la Mosquitia occasionally with greetings to the local equivalents of Mary Hannan in the jungles.

I could tell similar stories of reception in Texas of Radio Gambia, 4820, stronger than my MW local KLBK, and of reception in Adelaide of CFRX, 6070 (representing a culture maybe not very different from Australia, but it certainly sounded much more exotic to me as a high-school student with no foreseeable chance of leaving Adelaide, "the largest cemetery in the world with lights") and the old Radio Omroep Nieuw Guinea, Biak, but

the examples above should give a good idea of the pleasures of mixing geography with local-quality DX on one's travels. The price of most of them for me has been the effort of carrying an 8-1/2 lb. portable receiver around the world. Those of you who take up the pursuit of the same pleasure with the help of more modern technology like the ICF-2002 will never know what you have missed! Wait a moment and I'll join you. Any DX museum out there want to buy a decayed Barlow-Wadley XCR-30?

This clipping is from the SEATTLE TIMES of 12/4 and was supplied by Frank Aden.

## AM, FM, shortwave transcend borders

By Victor Stredlecke  
Times radio columnist

When you listen to Canadian radio there's than odd pronunciations and a strange set of call letters. You get more of an international feeling. Instead of just learning what a new U.S. government action is, you will be logged into considering how U.S. actions affect citizens of other countries.

Even Canada's commercial radio stations must, to one degree or another, encourage development of Canadian musical talent and exposure of Canadian music.

Two broadcast officials visited Seattle recently to talk up the government-financed part of Canadian radio. They discussed Canadian jazz on KPLU, explained Canadian radio to a broadcast school and visited with managers of KPLU and KUOW, where singular Canadian programs regularly appear. Keith Randall is manager of Recorded and Other Program Services within Radio Canada International and Mark Goldman is responsible for development of Canadian talent and exposure of Canadian music.

### RADIO DIAL

"Unfortunately, shortwave is not well known in the United States," Randall said. "In North America, shortwave is primarily used by hobbyists. But worldwide, people listen to shortwave as part of their daily listening pattern."

Randall said surveys have shown that some U.S. citizens use their shortwaves, but they might generally be categorized as travelers, bankers, stockbrokers. Randall hopes to capture the interest of the casual listener as well. He said everyone ought to have a shortwave radio. New electronics products are simple to operate, easy to use, he said. Radio Canada International broadcasts from New Brunswick to the "North America Target Area" at various times. Randall said a West Coast news broadcast is scheduled daily at 8 p.m. at 5980 kHz, in the 49-meter band.

The CBC, a crown corporation, operates stations in all major Canadian cities and has outlets in many others. It has a network with entertainment and information programs and a network service with programs in French. Its Northern Service assures broadcast signals to (and from) residents in sparsely populated Western Arctic. Northern Service includes programs in Inuit and Native. Radio Canada International is the arm that presents material to be broadcast outside the country.

Two Canadian features are broadcast regularly on the Seattle FM band. "As It Happens" is a nightly news review, heard at 11. Listeners say it is somewhat similar to National Public Radio's "All Things Considered," but international in scope. The program includes use of the telephone interview. "CBC Sunday Morning" is a feature-oriented current-affairs program, at 9 a.m. Sundays on KPLU. It has more produced, documentary-style reports. Produced for worldwide consumption, these two programs are distributed through American Public Radio, a Minnesota-based nonprofit group.

### Soviet perspective on the news

During tense international situations, KIRO radio listeners sometimes get a little extra, thanks to a multilingual reporter, Jim Meyer. As much a hobby as for professional interest, Meyer regularly listens to Soviet Union shortwave broadcasts.

After the station used "official" Soviet versions of the downed-Korean-Jetliner incident, Meyer said he got requests for information on how to tune in shortwave broadcasts. Meyer said Radio Moscow's English-language broadcasts are beamed to the Pacific Coast daily from 8 p.m. to midnight; Atlantic coast broadcasts generally run from 3-8 p.m.

He recommends "The World Radio and TV Handbook," available at radio-supply stores, for complete lists of shortwave frequencies.

Well, as-luck would have it, I've managed to misplace the contributor's name, but this is from THE WALL STREET JOURNAL. Sorry, friend!

## Radio Veritas Enthralls the Philippines By Reporting Anti-Government Unrest

By E.S. ENWONG  
Staff Reporter of THE WALL STREET JOURNAL

MANILA—A pair of goats grazed behind the studio, out by the tall gray antenna. Inside, the noon prayer show has just ended and the station is broadcasting a Philippine love song. Next on the air comes the best of Frank Sinatra and Barbara Streisand.

Welcome to Radio Veritas, the voice of the Philippine Roman Catholic Church and, despite appearances, the hottest success in Philippine journalism.

Radio Veritas has a lot to offer. At five a.m. you can hear the daily farm show. Later there's Father Guido's Angelus, a vespersing Jesus Christ with a talk show on theology and life. And just before the 10 p.m. sign-off comes Dial-a-Prayer, the station's call-in program.

Until August, such fare attracted only about one in every 100 Manila radio listeners, keeping Radio Veritas well out of the top 10 stations.

### Officials Tune In

But since the Aug. 21 assassination of opposition leader Benigno Aquino Jr., the sometimes-amateurish church station has become the country's lone source of independent news broadcasts. Philippine television and other radio stations have censored their lackluster news programs because they based on government press releases. But Radio Veritas offers live coverage of demonstrations, press conferences and other developments people are desperate to know about. The station's name is particularly appropriate in light of its growing reputation for unbiased journalism: Veritas means truth in Latin.

No surveys have been conducted since the assassination, but the station's listenership clearly has expanded. Government officials even tune in at work.

"Have you heard the latest?" asked an excited central bank official a few weeks ago. "There's been another demonstration in the Makati financial district, with 15,000 people. They were just interviewing us after we were on the radio." On Philippine radio? "Sure," says the official. "Radio Veritas. Everyone listens. It's the only station reporting that kind of news."

Radio Veritas did not seem to become a star. Its popularity grew from a simple decision to cover Mr. Aquino's return home, as the station often covers special events. Executives decided to offer news instead of Sinatra songs from 11 a.m. to 3 p.m. on the day of his arrival. They dispatched the entire reporting staff—five people—plus some volunteers from the station's other departments to the airport and to a nearby church, where a welcome-home Mass was to be held. They gave reporters lunch money and cots for the pay phones.

### Tracking the Body

After Mr. Aquino was shot, just after 11 p.m., Radio Veritas broadcast live accounts. Staff members raced in the Aquino family residence and the homes of other government officials. One reporter and two volunteers heard Mr. Aquino's body was at

Fort Bonifacio, the army's headquarters, and they drove over to investigate. Although their agents Toyota kept overheating and stalling, they confirmed the tip by talking to a guard.

Word of what Radio Veritas was doing spread rapidly. The station stayed on the air until midnight, as calls flooded in from listeners trying to find out what was happening.

"Ordinarily, news doesn't occupy that much of our programming," explains Orlando Panaligan, one-time elementary student who is the station's program director. "If the other stations had picked it up, it would have been different. But because they didn't, we felt it was imperative for us to give the news." For one thing, the station wanted to squelch wild rumors—of Mr. Marcos' death, of a military coup, and of a communist attack.

Radio Veritas soon returned to its regular programming, but kept providing special reports as developments unfolded.

### Government Pressure

The government, however, didn't appreciate the independent reporting; it thinks the news shows help rally anti-government demonstrators. Radio Veritas received its first warning just a few hours after Mr. Aquino was killed. A government official, whom staff members here don't want to identify, called to ask that they tone down their reports. And on the day of Mr. Aquino's funeral, as the editors used a citizens' band radio to take in reports from newsmen in the field, they found the frequency jammed by voices saying, "We are for Marcos" and "Our leader is rich and alive; yours is poor and dead."

Station executives, sensitive to government pressure and to their church affiliation, dutifully broadcast government statements along with reports from staffers.

The Philippines is 85% Catholic, so the government hasn't been able to crack down very hard on the church's station. Nevertheless, the Philippine Charity Sweepstakes Office, a government-supported agency that used to give Radio Veritas about \$250 a month, has cut off its funding for the station. Broadcasters have received anonymous letters, "threatening with eternal damnation," jokes Father Guido, the talk show host.

But people have rallied to the station's support. Makati Rotary Club members pledged about \$1,400 after the sweepstakes office pulled out, and business executives have sent checks, too.

Like any sudden sensation, Radio Veritas has its critics. A left-wing church office complains that on the day Mr. Aquino was shot, the station interrupted the news with the regular rosary reading and with a theological reflection by Father Guido on the tragedy. Even now, news reports sometimes wander off the point.

"It kills you to listen to it," says the church official. "Sometimes you don't know whether the guy is talking or meditating to himself. But in the vacuum we have, it's good. And because it's the church's station, they can't clamp down on it."



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

## Ferrite Toroidal Cores

For most of us, as communications receivers become more complex, our home construction projects will be confined to antennas and outboard accessories. In conjunction with antenna installation, there are many matching devices that can be built by the home experimenter that can increase signal transfer to the receiver and provide significant front-end selectivity. Ferrite toroidal cores have become increasingly popular in recent years for application in various matching devices, as they can function as baluns in various configurations, i.e., balanced-to-unbalanced transformation or impedance matching schemes, plus they can also serve as inductors. Their self-shielding qualities eliminate stray signal paths and they have the advantage of taking very little chassis space as compared to air core inductors. Fine magnet wire is often used for the windings, and may consist of a single layer, or two (bifilar) or three (trifilar) layers, in which the individual wires are first twisted together and then wound around the core material. Unlike other coil types, the windings do not have to be perfectly spaced, and they can be wound by hand quite easily. For most receiving applications, the size of the core (shaped like a small doughnut) will be no more than an inch wide and  $\frac{1}{2}$  inch thick. The windings can be held in place by coil dope (available at Radio Shack) or by dripping candle wax over the entire coil assembly. In addition, the windings can also be tapped at various places as is common with air core coils to provide narrow-band coupling, should precise tuning be desired.

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**AMIDON Associates** • 12033 OTSEGO STREET • NORTH HOLLYWOOD, CALIF. 91607

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sends an informative brochure (free!) that lists the various properties of the ferrous-magnetic materials they manufacture. From the tables they provide in their brochure, suitable cores can be selected on the basis of their permeability, determined by the particular mix used in the core material. The size of the core will also determine the wire size to be used in the windings.

Most construction projects appearing in the various amateur radio publications will list the specific core to be used, but sometimes only the dimensions of the core will be given, or worse, the prospective builder will be left to his/her own initiative to find a suitable core. The tables in Amidon's brochure can alleviate the guesswork in selecting the appropriate core.

The 1983 ARRL Radio Amateur's Handbook, pages 2-27 through 2-32 contains some of the information provided by the Amidon brochure, and has a cross-reference table to allow substitution of other manufacturers' (Indiana General, Ferroxcube, Magnetics-Inc., and Fair-Rite) cores.

Practical RF Communications Data for Engineers and Technicians, by M.F. DeMaw, published by Howard S. Sams, # 21557, provides useful information on winding ferrite cores and their various applications.

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While this is certainly not an appropriate time (for most of us) to be considering the installation of a new outdoor antenna system, La Cue Communications, 132 Village St., Johnstown, PA 15905 has a wide assortment of antenna wire, coax cable, insulators, connectors, and coax switches at attractive prices. Their service is very prompt, too!

Fair Radio Sales, Inc., 1016 E. Eureka St., P.O. Box 1105, Lima, Ohio 45802 sends a supplement to their WS-83 catalog. Included in this supplement is a wire sale, consisting of vinyl-covered hook-up wire in various colors, all stranded copper. On orders above 2,000 feet they cannot guarantee continuous lengths:

<u>wire size</u>	<u>per 100 ft.</u>	<u>per 1000 ft.</u>	<u>per 5000 ft.</u>
# 12	\$ 7.50	\$ 50	- - -
# 14	6.50	42	\$ 185
# 16	4.00	20	65
# 18	3.00	14	50
# 20	3.00	12	45
# 22	3.00	10	40

Harold Sellers, ANARC Equipment Information Chairman, sends us the monthly Marketplace Report:

"Recently a rumor began to circulate that the R.L. Drake Co. had discontinued its' amateur product line, including the R-7A receiver. Larry Magne reported on Radio Canada International's "SWL Digest" that the rumor is false. Drake only discontinued two items from their long list of amateur products and is, in fact, increasing their product line."

Morning Distributing Company, P.O. Box 717 Hialeah, FL 33011 offers a DX Antenna Tuner Kit for only \$ 14.95. All parts are included. There are two controls, one for the variable capacitor, and the other for the tapped inductor. They also offer a brochure on other kits.

Bandwidth Filter Modules (Armand DiFilippo via Harold Sellers)  
KCS Electronics offers the Channel Guard, an I.F. filter module which should improve the selectivity of many inexpensive receivers. Actually designed for CB transceivers, the Channel Guard is available for three Intermediate Frequencies, 455 kHz, 7.8 MHz, and 10.695 MHz. The first I.F., 455 kHz, has been used for many years in inexpensive receivers. The 455 kHz version of the Channel Guard is intended to directly replace muRata ceramic filters. There are only four (4) wires: input, output, ground, and D.C. supply voltage, which may vary from 8 to 14 volts. Other frequencies are available upon special request. The three filters mentioned here are available for \$ 24.95 plus \$ 2.50 shipping. For more information, write: KCS Electronics Corporation, P.O. Box 33205, Phoenix, Arizona, 85067.

- - - Harold Sellers' ANARC Equipment Report is a regular feature on Radio Canada International's "SWL Digest" and appears in the monthly ANARC Newsletter. The ANARC Newsletter is the official monthly publication of the Association of North American Radio clubs. Annual subscription is \$ 5.00 in North America, \$ 8.00 elsewhere. A sample copy is available for 50 cents and a business size SASE in the U.S., 75 cents in mint stamps in Canada, or 4 IRCs elsewhere. Subscriptions or requests for samples should be addressed to the ANARC Newsletter Publisher, 1500 Bunbury Drive, Whittier, CA 90601, USA.

Bob Grove has very kindly sent copies of Monitoring Times containing a comparison of the Sony 2002 and 2001 receivers (November/December) and a review of the Bearcat DX-1000. Regarding the Sony receivers, larger 2001 had better audio with separate bass and treble controls while the 2002 has a "News/Music" tone switch and a smaller speaker. The 2001 could be programmed and stepped in one kHz intervals from 150 kHz through 30 MHz, while the 2002 allows only 5 kHz increments, requiring very touchy thumbwheel fine tuning, and there was some oscillator pulling noted on strong signals. The 2001 has an LED bargraph signal strength indicator while the 2002 has a single LED set for some factory-adjusted level. The AC adapter, supplied with the 2001, is optional with the 2002, and the shorter whip antenna on the 2002 results in somewhat less signal capture. The 2002, while designed to sell for \$ 100 less than the 2001, does offer significant improvements over the 2001 in that the 2002: is extremely small and compact, very stable on AM/SSE with slight oscillator pulling on strong signals, no antenna peaking required, ten memory channels, built-in whip is disconnected when an external antenna is used, and superior IF selectivity for adjacent-frequency rejection.

Incidentally, Monitoring Times is now a monthly publication, by Grove Enterprises, Inc., 140 Dog Branch Road, Brasstown, NC 28902. Subscription rates are \$ 10.50 for one year, \$ 20 for two years, and \$ 30 for three years.

Next month: the Bearcat DX-1000

22 Jim



# Pappas on Programming

Editor: Nick Pappas  
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Fairless Hills, PA 19030

## The DX-Travaganza that Didn't Work - Radio RSA's New Year's Flop

"Operator, I'd like some assistance in placing an overseas call, please." It was my eighth attempt at reaching Radio RSA's special New Year's celebration, the "International Telephone-In". Finally, a female voice: "Hullo, Radio RSA!"

For the fifth consecutive year since 1979, The Voice of South Africa has presented the shortwave listeners' community with an event unique in the international broadcasting program genre: a listeners' phone-in show. I can recall one other station producing such a show in the recent past, that being Radio Nederland's Happy Station featuring Tom Meyer.

The premise and potential for such a programming event is fantastic. Imagine being given access to a worldwide audience by merely dialing the telephone in your home. For this particular program, Radio RSA estimated its audience size at approximately eight million listeners. Calls emanated from the British Isles, North America, and southern Africa, where listeners were able to hear the program on the tropical band frequency of 4990 kHz. Those in North America and Europe listened on the 31 and 25 meter band frequencies of 9540, 9675, and 11870 kHz respectively.

Sounds great, right? Despite the capable and amiable performances of hosts Colin, Rodney, and Shirley, the show fell on its face. For the most part, the program was extremely tedious, with the few calls coming in consisting mainly of personal greetings to relatives living abroad. Not of much interest to anyone other than those to whom the greetings were directed. Don't get me wrong, there's nothing wrong with conveying New Year's greetings to those important in one's life, but it seems there may be a more suitable conduit than an international broadcast station based in Johannesburg.

Two calls struck this writer's interest. One gentleman from the British Isles sent his greetings to those in the Falkland Islands, wishing a "speedy recovery to all". Another listener telephoned to ask when South Africa was going to annex Namibia.

One notable trend in the program was the decrease in the frequency of calls coming in as the program progressed. Initially, RSA's switchboard must have been swamped with calls, as one call after another was presented. About an hour into the program, the volume of calls was noticeably lower, and filler music was used to fill the gaps in between calls. After two hours, the "fill music" became the primary program, only to be interrupted by an occasional overseas call.

Why did the program fail? For any number of reasons, I would say. First of all, the program was presented on New Year's Eve, and many of us were getting ready to celebrate in our own way. Listening to shortwave radio was probably a low priority that evening. Secondly, advance publicity for the program was rather poor, and many potential listeners may not have been aware the program was even on. Third, costs for making a telephone call to Johannesburg may have been prohibitive (I personally question the validity of this, as my call for Fairless Hills cost \$3.45). And finally, the program was too long, running over three hours in length. It would have been difficult to maintain the pace of the first hour, but perhaps by limiting phone calls to the first twenty minutes of the hour and devoting the rest of the hour to special holiday programs with promos for the phone-in segment of the program, the Telephone-In may have worked.

As mentioned earlier, it's a great idea, but Radio RSA will have to work on it if they expect a success next year.

# CONTACT

Editor: Andy Robins, 2850 Cleveland, Apt. 318, St. Joseph, MI 49085

## CONTACT/FEBRUARY

The suggested topic in last month's column has stirred some interest. As you will recall, our subject this month is "The Pirate Question." Extra-legal broadcasters have had at least one effect on the shortwave listening community: they have provoked controversy. To some listeners they are a major source of listening enjoyment. Others consider them an annoyance at best, more usually despicable law-breakers.

Norman Bobb of Minneapolis is definitely in the anti-pirate camp. He writes:

"I really believe these stations should be outside of our interests, though not out of our concerns. It is getting increasingly difficult to separate out all of the legitimate stations on our wavelengths. Also, even if the clandestine stations operate mainly outside of the normal international SW bands, they infringe on utility, VOLMET, and military operations, forcing them into our domain.

"I am still angry at deliberate interference to La Voz de la Mosquitia on 4,910 kHz when I listened to this christian broadcasting station recently. I am afraid that ignoring these people will not cause them to disappear, but I am certainly in favor of it!"

We get a contrasting view from Scott McClellan in Battle Creek, Michigan, well-known in the pirate field:

"Whether or not pirate operators are a 'problem' is entirely a matter of personal preference. I feel they are not. To me, the only way a pirate could be a problem is if it was QRMing a rare catch...but come to think of it, most pirates are rare catches themselves. If a listener decides that pirate listening isn't for him or her, he or she should tune to a different frequency or turn the radio off altogether. Having served as a mail forwarder for many pirates, I can safely say that there is a large group of DXers who enjoy listening to such stations. Granted, there are quite a few stations that leave a lot to be desired, but can't the same be said of 'legit' SWBCers? Poor audio and boring programs aren't limited to pirates.

"I feel I've heard a rather good sampling of what North American pirates have to offer (86 pirates heard since 1/80). I think what any individual feels about pirates is basically dependent on what stations that person has heard. Stations which merely play music with simple ID announcements every so often are not overly impressive. But stations like Radio Clandestine, Syncom, W/GUT, Radio Confusion, KQSB, and several others, present smooth, highly creative programs that can't help but impress even close-minded listeners. People who wrote off pirates a few years ago as 'kids playing radio' (I detest that term) should take another look at the new crop of pirates. The overall quality is much better these days.

"As for the publicity that DX clubs provide, it may surprise many to learn that the majority of pirate operators don't belong to any of the major clubs; and some don't belong to any clubs at all. Therefore, mention of stations in FRENEX or any other club bulletin isn't seen by many of the operators concerned. Pirates would not disappear if they were ignored by DX clubs. But I feel all serious SWBC clubs should carry pirate listings because they are broadcasting to anyone who will listen, and they are doing it on SW. News is news. I don't care for censorship in any form. I feel NASWA has managed to maintain a fairly even keel in this regard, and is to be commended."

And from Peter Dillon in Philadelphia, these thoughts:

"The real issue is not whether pirates are a problem, but whether there is room for them on the SW bands. Many developing countries believe there isn't even enough space for themselves, much less illegal broadcasters. The Third World complains about the domination of international broadcasting by the West and the Communist bloc, and their monopoly of the best frequencies. I believe they have a legitimate

point. Just look at Radio Moscow's North American Service from 2300-0100 UTC, for example: they transmit on 7,100; 7,110; 7,150; 7,160; 7,180; 7,190; 7,210 and 7,440 in the 4mb. Do they really need all those frequencies? I doubt it. At the same time, they crowd out other countries who'd love to get their messages across to the world at large. Pirates add to the problem, certainly, but they are only minor compared to the big broadcasters' domination of the SW bands.

Pirate radio seems to be on the minds of quite a few NASWA members. Contact will feature more letters on "The Pirate Question" next month.

Tight deadlines are proving to be a problem. At times there are only a few days from the time you get the bulletin to my deadline. This means response to some suggested topics may be delayed two months. You can help by sending in your letters as quickly as possible.

A reminder: the suggested topics are just that. They are a point from which to start. Letters are welcome on any subject of general interest to FRENEX readers.

Finally, an apology to all who cherish the King's English. Last month I invented a barbarous plural for the word "yourself". That's what I get for typing quickly without proofreading.

CONTACT; c/o Andy Robins, 2850 Cleveland, Apt. 318, St. Joseph, MI 49085.

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Though this letter was received some time ago (and my apologies to the author), it raises some questions that, perhaps, could be discussed further. Peter Tutak (20 Lewis Avenue, Jersey City, NJ 07306) lays it on the line:

## Verifications....

"I'm a member of NASWA, and have been so for about 2 years now. While my job as a telecommunications engineer prevents me from devoting much time in the shack (mostly early morning hours pursuing South Americans and Pacific Islanders), I do, however, take a great pride and seriousness in my hobby. It is for this reason I am writing to you.

In Glenn Hauser's column in the September 1983 FRENEX, under "Australia", I noticed an alarming item - one which, I feel, may unfortunately become more and more frequent in the future if not corrected. Now, October's QSL Report by Sam Barto carries a similar item under "Finland". These items concern a report-submitting policy and/or format. (Actually, the note on Finland may only be due to budget cutbacks, or the like - but until this is clarified, a nagging doubt remains with me.)

A growing amount of listeners, when forwarding reports, tend to forget the important role they play. I would like to think (and I'm sure I'm right) that broadcasters utilize our reports as technical and aesthetic feedback. Comments on programming, news, features, etc. allow the broadcaster's programming staff to evaluate their contact with the "end-user". By the same token, the engineering staff has technical data by which to gauge their efforts.

The informal, sketchy criteria of reporting that is being seen on many occasions has got to stop, before the efforts of a few result in nullifying the attempts at responsible reporting by the well-meaning majority. The ARDXC notice in Glenn's September column states: "Policy revisions are partly caused by large numbers of reports received from overseas which are illegible and very badly prepared. These emerge generally from North America...".

Well, why don't we at NASWA do something about it? From what I've seen written in FRENEX, we've some pretty analytical and very sharp minds at work, on several continents. A task like the one I'm about to suggest isn't impossible, but will require the willing devotion by some of these minds."

Peter goes on to suggest the following outline:

I. Compilation of a Definitive Form Report

A three-man committee from NASWA could be set up, with an open invitation to any ANARC related radio clubs to join in. These committees could review existing form reports, suggested reports that broadcasters themselves distribute, and members' suggestions to discern and compile a report that would be at once comprehensive, detailed, maintain a degree of respect for the broadcaster, and even be individually personal. These committees could then exchange views and comments, to arrive, hopefully, at a finalized report form. (Feedback from members in remote locations could be especially valuable in this step.)

II. Presentation and Approval by Membership

The finished product could then be printed in each club's publication, to be voted on, within say, 90 days of publication.

III. Distribution

Here is the hardest part. I feel the forms should be made available (at a nominal fee) from the clubs themselves to their membership. But, since forms can be pirated, copied, etc., the only logical solution is to make them openly available to anyone, again for a fee to cover printing and mailing costs (members get a reduced rate) through each club. Maybe club membership would rise as a result.

There are some intriguing possibilities within the above-mentioned procedure: Clubs from other nations may wish to contribute ideas, in order to make the forms more encompassing. Clubs with a poly-lingual membership would enable translation into several languages. The broadcasters themselves may even contribute/translate the forms into several other tongues (I don't think it's that far-fetched!). It's possible that the end product could be a well-designed form report available in a dozen or more languages.

I realize that the suggested reports available at this time from NASWA are well-thought-out documents and serve their purposes admirably. But I also feel they could be improved a bit, to make them easier for the broadcaster to assimilate data from.

Peter concludes with, "We are all "hunters" on the shortwave spectrum, and like in wildlife conservation, one must be a responsible "hunter" to allow stations to remove themselves from a verifying policy, thus making them "extinct"".

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THE EDITOR GETS CHATTY....

A few "loose ends" to tie up before we close things....The photo of Don Jensen we used in last month's SWC was courtesy of Stu Klein....Steve Reinstein and his bride-to-be, Susan Kaelin, tie the knot on 2/18 and, naturally, we wish them all the best, right?....Thanks to Mac Leonhardt for helping keep NASWA "up there" these past ten-plus years! So why not thank him yourself?....Hope you caught Don Jensen's premier over "SWL Digest" a few weeks ago with his Tropical Bands feature. Nice! And the kind of material DX programs should have....If you're not getting the mid-month "Update" you're missing out on some pretty nice Latin loggings from Japanese DXer Takayuki Inoue. If you're stuck in the same old "LA mx, SP tlk" rut you'll want to see his detailed reports....I can't figure out where our friend Charlie L. is? Hey, guy, you comin' back?....(JH)



Well, the mercury is stuck at -8°, I'm hitting the 30 mark on my birthday this month, so it's time to wrap this up. Stay warm and 73,

*Hulk*

BROADCASTS TO EASTERN NORTH AMERICA BY LANGUAGE (1)

Compiled by Roger Legge, Box 232, McLean, VA 22101

\* - Not intended for N.America, but reception good.

	<u>From</u>	<u>EST</u>	<u>GMT</u>		
ALBANIAN	Albania	7:00-8:00pm	0000-0100	6200, 7300, 9790	
ARABIC	Egypt	7:00-9:00pm	0000-0200	12000	
		9:00-10:00pm	0200-0300	9675	
	Libya	6:00-9:00pm	2300-0200	11815	
	UAE	9:30-10:30pm	0230-0330	11730, 15435	
BULGARIAN	Bulgaria	5:00-5:30pm	2200-2230	9700, 11720	
		6:30-7:00pm	2330-0000	"	
		8:00-8:30pm	0100-0130	"	
CANTONESE	China	8:00-9:00pm	0100-0200	11975	
	Taiwan	7:00-8:00pm	0000-0100	5985 via WYFR	
CHINESE	China	9:00-10:00pm	0200-0300	11860, 11975	
	Taiwan	8:00-9:00pm	0100-0200	5985 via WYFR	
CZECH/SLOVAK	Czechoslovakia	7:30-8:00pm	0030-0100	5930, 7345, 9540, 9740, 11990	
DANISH	Denmark	9:00-9:52am	1400-1452	15165	
		3:00-3:52pm	2000-2052	15165	
DUTCH	Belgium	8:30-9:00am M-F	1330-1400 M-F	17610	
		6:00-7:00pm	2300-2400	5910	
	Netherlands	7:30-8:25pm	0030-0125	6165b, 15315b	
FINNISH	Finland	6:30-7:00am	1130-1200	15400, 15265	
		7:30-8:00am	1230-1300	15400, 17800	
		8:30-9:00am	1330-1400	15400	
		9:30-10:00am	1430-1500	15400, 17800	
		11:00-11:30am	1600-1630	15400	
		1-230pm Sa/Su	1800-1930 Sa/Su	11745	
FRENCH	France	6:45am-12:15pm	1145-1715	17775, 15425 (to13), 21595	
		*1:00 - 3:00pm	1800-2200	9790g (from 13)	
		*5:00-5:30pm	2200-2230	6085, 6140, 9790	
		*7:00-7:30pm	0000-0030	"	
		*8:00-9:00pm	0100-0200	6055, 6140, 9790	
	Austria	8:00-8:30pm	0100-0130	5945, 9770	
	Canada		8:25-8:50am M-F	1325-1350 M-F	9575, 11855, 11955
			8:30-9:00pm	0130-0200	5960, 11850
			10:30-11:00pm	0330-0400	5960, 9755
	Cuba	10:00-10:30pm	0300-0330	11760	
	Ecuador	8:30-9:00pm	0130-0200	11835, 15295	
	Israel		6:30-7:00am	1130-1200	11610, 13745, 15585, 17630
			3:30-3:55pm	2030-2055	9440, 9815, 11655
			5:00-5:30pm	2200-2230	7410, 9815, 11655
			12:15-12:30am	0515-0530	9009, 9420, 9815
Italy	8:20-8:35pm	0120-0135	5970, 9575		
Portugal	7:30-8:00pm	0030-0100	6060, 11925		
Sweden	10:00-10:30am	1500-1530	17860		
Switzerland		9:15-9:45am	1415-1445	21570	
		00:15-10:45pm	0315-0345	6135, 9635, 9725, 11715	
Vatican	7:30-7:45pm	0030-0045	6015, 9605, 11845		

BROADCASTS TO EASTERN NORTH AMERICA BY LANGUAGE (2)

		<u>EST</u>	<u>GMT</u>		
GERMAN	Austria	7:00-7:30am	1200-1230	17770	
		7:00-8:00pm	0000-0100	5945, 9700	
		9:00-10:30pm	0200-0330	"	
	DDR	8:45-9:30pm	0145-0230	9730, 11975	
	WEST GERMANY	7:00-9:00am	1200-1400	17715w, 17845	
		9:00-11:00am	1400-1600	17845, 21560	
		11am-1:00pm	1600-1800	17875	
		1:00-3:00pm	1800-2000	9640, 21600k	
		3:00-5:00pm	2000-2200	17795w, 21600k	
		5:00-7:00pm	2200-0000	6100, 15410w	
		7:00-9:00pm	0000-0200	6100, 15410w	
		9:00-11:00pm	0200-0400	6085w, 6100, 6145, 9545w, 9735	
		11pm-1:00am	0400-0600	6085c/w, 6145, 9545w, 9605c, 9735	
	GREEK	Greece	7:00-7:30am	1200-1230	11645, 15630
			7:00-8:30pm	0000-0130	9420, 9865, 11645
9:00-10:30pm			0200-0330	"	
HEBREW	Israel	7:00-9:00am	1200-1400	15615, 17630	
		9:00am-12:45pm	1400-1745	15615	
		1:30-6:15pm	1830-2315	9385, 11590, 13720	
		6:00-6:25pm	2300-2325	7410, 9815, 11655	
		7:30-8:00pm	0030-0100	"	
HUNGARIAN	Hungary	8:30-9:00pm	0130-0200	9585, 9835, 11910, 12000	
		9:30-10:00pm	0230-0300	"	
		10:30-11:00pm	0330-0400	"	
ITALIAN	Italy	9:00-9:25am	1400-1425	17715, 21695	
		9:10am-12:15pm Su	1410-1715 Su	17715	
		1:30-2:05pm	1830-1905	15385	
		5:30-8:00pm	2230-0100	5970, 9575	
	Switzerland	9:45-10:15am	1445-1515	21570	
		10:45-11:15pm	0345-0415	6135, 9635, 9725, 11715	
JAPANESE	Japan	5:00-5:15pm	2200-2215	17755	
		8:00-8:30pm	0100-0130	15195	
	*Ecuador	6:30-7:00am	1130-1200	6075, 9715	
		5:00-6:00pm	2200-2300	15295, 17745	
LITHUANIAN	Lithuanian SSR	8:00-8:30pm	0100-0130	9695, 9750, 15240	
NORWEGIAN	Norway	7-7:45am	1200-1245 21730;	9-9:45am 1400-1445 17710	
		10-10:45am	1500-1545 17840;	6-6:45pm 2300-2345 9590	
		7-7:45pm	0000-0045 9610;	8-8:45pm 0100-0145 9610	
		10-10:45pm	0300-0345 6015;	11-11:45pm 0400-0445 6015	
POLISH	Poland	7:00-9:00pm	0000-0200	6095, 7145, 7270, 9525	
PORTUGUESE	Portugal	9:00am-1:00pm Su	1400-1800 Su	15250	
		8:00-10:00pm	0100-0300	6060, 11925	
		11pm-12:30am	0400-0530	6075, 9575	
	*Brazil	3:00-9:00pm	2200-0200	9680, 11780	
QUECHUA	*Ecuador	5:00-7:30pm	2200-0030	9745, 11900	
ROMANIAN	Romania	6:00-7:00pm	2300-0000	5990, 6155, 9510, 9550, 9570	
		8:30-9:00pm	0130-0200	"	
RUSSIAN	USSR	6:00-10:00am	1100-1500	15175, 15210, 15410 (fr 1230)	
		6:30-7:30pm	2330-0030	7290, 9685, 9750, 15240	
		8:30-10:00pm	0130-0300	7290, 9750, 15240	
		9:00pm-12mdt	0200-0500	9720, 11835	
	*Ecuador	9:30-11:30pm	0230-0430	9655	

## BROADCASTS TO EASTERN NORTH AMERICA BY LANGUAGE (3)

		<u>EST</u>	<u>GMT</u>	
SPANISH	Spain	2:30-6:30pm	1930-2330	15125
		9:30pm-12:30am	0230-0530	9630, 11880
	Cuba	6:00am-1:30pm	1100-1830	11760
		5:00-10:00pm	2200-0300	11760
	Ecuador (HCJB)	6:00-9:30am	1100-1430	15390
		7:00pm-12mid	0000-0500	11960
SWEDISH	Sweden	9:30-10:00am	1430-1500	17860
		12:00-12:30pm	1700-1730	17710
		6:30-7:00pm	2330-0000	9695
		9:00-9:30pm	0200-0230	9695
	Finland	10:30-11:00am	1530-1600	15400
		Turkey	6:00-10:00pm	2300-0300
UKRAINIAN	Ukrainian SSR	5:00-6:00pm	2200-2300	7150, 7205, 9750, 15240
		10:30-11:00pm	0330-0400	7185, 7205, 9750

## BROADCASTS TO WESTERN NORTH AMERICA BY LANGUAGE (1)

		<u>FST</u>	<u>GMT</u>			
ARMENIAN	Armenian SSR	7:30-7:55pm	0330-0355	15100, 15240, 17870		
CHINESE LANGUAGES						
AMOI	Taiwan	7:00-8:00pm	0300-0400	5985 via WYFR		
		10:10pm-12:10am	0710-0810	"		
CANTONESE	China	5:00-6:00pm	0100-0200	11975		
		7:00-8:00pm	0300-0400	11975		
	Taiwan	7:10-8:10am	1510-1610	11825, 15345		
		9:00-11:00pm	0500-0700	11745		
		9:10-10:10pm	0510-0610	5985 via WYFR		
		CHINESE	China	6:00-7:00pm	0200-0300	11860, 11975
		8:00-9:00pm	0400-0500	"		
Taiwan	12:40-1:40pm	2140-2140	11825, 15270, 15345			
	4:00-5:00pm	0000-0100	"			
	5:00-6:00pm	0100-0200	5985 via WYFR			
	8:00-9:00pm	0400-0500	11745			
	8:10-9:10pm	0410-0510	5985 via WYFR			
	DANISH	Denmark	8:00-8:52am	1600-1652	15165	
DUTCH	Netherlands	8:30-9:25pm	0430-0525	6165b, 9590b		
FINNISH	Finland	6:30-7:00am	1430-1500	15400, 17800		
		8:00-8:30am	1600-1630	15400		
		10:00-11:30am Sa/Su	18-1930 Sa/Su	11745		
FRENCH	Canada	5:30-6:00pm	0130-0200	5960, 11850		
		7:30-8:00pm	0330-0400	5960, 9755		
	Switzerland	10:00-10:30pm	0600-0630	9725, 11715		
		Vatican	4:30-4:45pm	0030-0045	6015, 9605, 11845	
		GERMAN	Austria	8:00-8:30pm	0400-0430	5945, 9770
				9:00-10:00pm	0500-0600	"
DDR	8:15-9:00pm	0415-0500	9560, 11840, 11890			
	11:15pm-12Mid	0715-0800	9560, 11890			
West Germany	6:00-8:00pm	0200-0400	6025w, 6100, 6145, 9545m, 9735			
	8:00-10:00pm	0400-0600	6085c/w, 6145, 9545m, 9605c, 9735			
GREEK	Greece	7:00-7:30am	1500-1530	11645, 15630, 17565		
		6:00-7:30pm	0200-0330	9420, 9865, 11645		

BROADCASTS TO WESTERN NORTH AMERICA BY LANGUAGE (2)

HUNGARIAN	Hungary	5:30-6:00pm	0130-0200	9585,9835,11910,12000
		6:30-7:00pm	0230-0300	"
		7:30-8:00pm	0330-0400	"
ITALIAN	Switzerland	9:00-9:30pm	0500-0530	9725, 11715
JAPANESE	Japan	8-8:45am, 10-10:30am, 1600-1645, 1800-1830	9505	
		12n-12:45pm	2000-2045 15300	
		2-2:15pm, 4-4:15pm, 2200-2215, 0000-0030	17755	
		5-5:30pm	0100-0130 15195,17825,21610,21640	
		6:06:30pm, 8-8:30pm, 0200-0230, 0400-0430	17755	
		10-10:30pm	0600-0630 15300	
KOREAN	South Korea	7:00-9:00am	1500-1700 15575	
		7:00-9:00pm	0300-0500 11810	
LITHUANIAN	Lithuanian SSR	5:00-5:30pm	0100-0130 15100,15240,17870	
NORWEGIAN	Norway	8-8:45am 1600-1645 15180;	9-9:45am 1700-1745 11860	
		5-5:45pm 0100-0145 9610;	6-6:45pm 0200-0245 11860	
		7-7:45pm 0300-0345 9670;	8-8:45pm 0400-0445 9705	
PORTUGUESE	Portugal	8:00-9:30pm	0400-0530 6075, 9575	
RUSSIAN	USSR	*3:00pm-12mdt	2200-0800 11990 (Mayak)	
		3:30-4:30pm	2330-0030 15100,15240,17870 (Rodina)	
		*4:30-11:00pm	0030-0700 12070 (First Program)	
		5:30-7:00pm	0130-0300 15100,15240,17870 (Rodina 02-]	
SPANISH	Spain	11:30am-3:30pm	1930-2330 15125	
		6:30-10:30pm	0230-0530 9630, 11880	
	Ecuador	4:00-9:00pm	0000-0500 11960	
SWEDISH	Sweden	6:00-6:30pm	0200-0230 9695	
TURKISH	Turkey	3:00-7:00pm	2300-0300 9560	
UKRAINIAN	Ukrainian SSR	2:00-3:00pm	2200-2300 15100,15240,17870	

Relay stations: B - Bonaire, NWI, c - Canada (Sackville), g - Gabon, k - Kigali, m - Malta, w - West Indies (Antigua).

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FEBRUARY 1984

# Listeners Notebook

GLENN HAUSER, Box 6287, Knoxville, TN 37914

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ABU DHABI For M84, beginning 4/3, Abu Dhabi is listed for 9625 ex-9695 0200-2100, 120 kW (ITU via Australian DX News - ADXN)

ALASKA For M84, KNLS, Anchor Point has this tentative sked: 0700-0930 9685 EG Pac coast of As, 0930-1200 9685 RS Central USSR; 1200-1500 6100 China in CH; 1500-1730 9685 RS Eu USSR; 1730-2000 9685 EG Eu. EAU reception could be enhanced from Mar at 0700-0930 EG due to use of 2700 antenna instead of present 315° (Bob Padula, ADXN)

ALBANIA BBCMS shows only one fq in use instead of the usual two for some R Tirana NAM xmsns in EG (gh) 0000 7065, 0130 7120, 0230 7120, 0330 7300 6200 NAM. 0430 9485 7300 Af. 0630 9500 7080 Eu. 0700 11985 9500 Au/As, 0930 11985 9500 Au/As. 1230 11960 9515 Nam. 1400 11985 9500 SEAs/Au. 1630 9480 7065 Eu. 1730 11985 Af. 1830 9480 7065 Eu. 1930 9500 7075 Af. 2000 9500 7065 Eu. 2030 7065 1395 Eu. 2200 9480 7065 1395 Eu. Some fqs vary  $\pm 5$  kHz to avoid QRM (WBI 22/12)

ALGERIA RTVA hrd on 11716 in AR from 1930 since 29/12, TS on hour, also 9/1 to 2200 f/out, // 6160 & 6145, both w/QRM (Ernie Behr, Kenora Ont) Monitoring over past week indicates R Algiers has new SW outlet for AR svc on 6145, // 11715 6160 + MW, 0600-2300 (WBI 22/12)

ANGOLA Stn reported on 5013.5 recently is Em Reg de Namibe, first hrd here 10/5/83 from 0500 w/songs and PT anmts (Ernie Behr, Ont) R Nacional, Luanda, on 3354.7 from 2140 3/11 //5073, while R Moçambique, Beira was on 3352.6 same date 1748-2137, drifting from 3369 to 3372 (Sarath Amukotuwa, Zambia, Jan DSWCI SW News)

ARGENTINA RAE ancd 14/1 that in response to listeners' letters for RAE to extend its xmsns, it'd offer one-hour pgms as from 1/2; EG at 1700 Eu/Af/ME 15345 9690; 0200 Eu/Am 15345 11755 11710; 1130 FE 11710 (WBI 19/1)

AUSTRALIA Reception of RA is better than ever since they dropped NAM svc; 6060 & 9580 have solid 555 sigs to 1600, while 11790 is often strong from 1500 past 1800; 20/12 (Ernie Behr, Ont) Further south, they don't hold up nearly so well (gh)

BANGLADESH Info from R Bangladesh indicates new svcs from 1/1: 0800-0930, 1600-1645, 1930-2100 W/CEu; 0400-0530, 1215-1300, 1700-1900 ME/NAf. No fqs or langs given. 4/1, test hrd on 17800 BG mx/anmts. 0930\* saying back at 0800 on 17800 15270; reports requested to: Director, External Services, Radio Bangladesh, P O Box 2204, Dhaka, Bangladesh (WBI 5/1) Tentative M84 sked: 6145 0130-0200. 7220 1315-1345. 7275 0130-0200. 7280 1800-2100. 9540 1800-2100. 9580 1315-1345. 9620 1315-1345. 11765 2300-0030, 1400-1930. 11800 1700-1800 & 2315-0000. 11900 1100-1200. 11925 1500-

1645 & 2300-2345. 11945 1400-1745. 15150 1230-1300. 15220 0515-0600 & 1600-1645. 15240 0000-0045. 15250 1600-1745. 15270 0215-0300, 0800-1000, 1615-1915. 15280 1400-1645. 15300 1100-1200, 1500-1545. 15400 0415-0500 & 1130-1215. 15430 0215-0300, 1400-1645, 2315-0000. 17725 0500-0600. 17760 1130-1215. 17775 1015-1115, 1230-1300. 17800 0315-0600, 0800-1000, 1230-1300, 1615-1645. 17890 0615-0745. 21650 0500-0600, 1815-1900. 21670 0315-0445; 1015-1115. 21685 0615-0745. Some are 250 kW, others 100. (ITU via Jan ADXN)

BELIZE QSL from R Belize indicates MW power /834 kHz/ decreased from 20 to 10 kW; SW 15240 now only 1 kW; sked 1100-0500 instead of 1100-0400 (Ted Gurley, Beaumont TX, 2/1) Been running past 0500 for a long time (gh)

BURMA BBS ancd sked for Nationalities Pgm on 4725, effective 1/1-31/3: 1000 Arakan, 1100 Shan, 1130 Kachin, 1200 Kayah, 1230 Sgaw Karen, 1300 Pwo Karen, 1330 Burmese nx, 1345 Chin, 1415-1445 Mon (WBI 5/1)

BRAZIL /oops/ R Nac Manáus 4845 w/mx & ID to 0153\*; R Nac Porto Velho 4945 w/mx at 0900 17/12; both stns were reported as active in Apr & May 81 LN, and promptly "logged" by some, tho these xmtrs did not start operating until late 1983 (Ernie Behr, Ont) R Cl do Pará, hrd 2/1 2325 on 4885; but from 3/1 on 4880 it's R Difusora do Pará, Belém, 2245-0230 (Giuseppe Zella et al., Play-DX, Italy)

CAMBODIA V of Rep. Kampuchea /sic/, 11938 28/12 \*1201 in EG, poor ('SS', Play-DX)

CHAD R Moundou still noted on 5289 at 0530 20/12 w/local mx, weak but clear (Behr)

CHINA unID CH stn on 5915 at 2200-2300\* abrupt s/off, strong since 22/12; from 2300 CH pgm also on 5990 // 6200, another CH on 6005, and EAs lang on 6015; any info on these? Strong CPBS outlets on 7505 // 7525 in CH 2230-2335\* but 7505 continues; 7525 is not V of PLA as rptd on SWLD (Ernie Behr, 24/12) Chinese stn on 7525 at 2330\* is CPBS; clands are only here in the morning--at least that's the only time I hear them. (David Crawford, Oviedo FL)

/CF Dec LN-26/ The 15008 kHz timesig-stn hrd here 19/10 2325-2355 & 22/10 1240-1300, and I IDed it as BPM w/normal format of tix, pips, beeps w/ID in Morse and voice (woman). The 8 kHz offset is probably a xmtr fault, but not so unusual because the very first time I ever hrd BPM was 13/5/80 2320-2340 on 20008. Four days later I hrd them on 15000, same format, and operating quite normally. Again on 20008 18/5 0048-0110 & simultaneously on 20000 weakly under WWV! 19/5 1335-1430 but never again until this year. I can't imagine why they would want an 8 kHz offset, so believe that it is unintentional. I didn't report it originally because I didn't think anyone would be interested (Martin Potter, Limoges Ont, 21/12) I can--to avoid interference from numerous std fq stns; the std fq band is actually 20 kHz wide and some Soviets deliberately use 'offset' fqs--so aren't really std fq stns, but just timesig stns (gh)

Beihai Weather Forecasting Stn, Beihai, uses 8790 SW & 1161 MW. Was once part of Beihai Weather Stn but now separate entity. Provides wx, entertainment/nx to fishing fleet in Tonkin Bay. Relays some pgms from Nanning. Actually monitored on 8765 (FT via ADXN)

Fujian PBS, Fuzhou, Pgm I: in Std CH & Amoy on 5040 4975 2340 + MS, 2050-1700; provincial nx 2200, 2300, 0100, 0330, 0900, 1130, 1430; lang lessons, 0445 JP, 0515 & 1330 EG (WBI 22/12)

Zhongguo Xinwen She nx agcy reported in a 22/12 despatch that the Chinese International BCing Stn'd initiate EG pgm for Peking /sic/ area 1/1; 'd ID as EG-lang pgm of the Beijing BCing Stn beamed to the capital area, daily 1300-1400 & 1400-1500 on 1251 kHz. 'd be aimed at foreigners living or working in China as well as foreign visitors and tourists, and'd consist of nx of China and intl events, wx, spl features and mx (WBI 5/1)

R Beijing bcs in Russian include reversed-tape at 0300-0355 from one site on 17533 12450 11660 9335 8260; another site on 17450 15135 11590 11515 9880; 0900-0955 on 9335 8260 (WBI 5/1) As I recall, David Newkirk has observed that some of these xmtns are not actually reversed-tape, so why does BBCMS keep reporting them as such? (gh)

CPBS to Taiwan, pgm I in Std CH at 0055-0608 & 0955-2400: 0055-0608 on 15710 11100 9455 + MW; 0955-1100 9455 9380 6015 + MW; 1100-1330 6015 5125 3815 + MW. 1330-2230 5125 4770 3815 + MW. 2230-2305 6015 5125 3815 + MW. 2305-2400 5125 + MW (WBI 5/1) Pgm II in Std CH & Hakka 2053-0102 & 0353-1801: 2053-2400 6790 5090 4850 3360 + MW, 0000-0102 6740 5090 3360 + MW. 0353-0815 15880 11000 6095 + MW, 0815-1045 11000 9170 6095 3360 + MW. 1045-1200 6790 6095 5090. 1200-1400 9170 6790 5090 4850 3360 + MW, 1400-1802 6790 5090 4850 3360 + MW (WBI 5/1)

PLA Fujian Front Stn, bcs to offshore islands and Taiwan; Pgm I in Std CH, Amoy, 1000-2400: 1000-1205 7850 6765 5900 5265 5240 4045 +MW. 1205-1310 5265 5240 4340 4045 (and 5900 switching to 3000 at 1230). 1310-2400 4330 4045 3640 3535 3000 2490 +MW (WBI 5/1) Pgm II in Std CH & Amoy 0355-1800: 0355-0745 11590 9505 7280 7025 6400 6000 4130 +MW, 0745-1300 7280 7025 6400 6000 4840 4130 3400 +MW (and from 0900 on 5770 5170). 1300-1345 5170 4840 4130 3900 3400 +MW & 6400 6000. 1345-1800 5170 4840 4130 3900 3400 3300 2600 +MW (WBI 5/1)

Fujian PBS, bcg to Taiwan (Fu-jian ren-min guang-bo dian-tai, dui Tai-wan guang-bo), Fuzhou, an ES pgm as part of the DS of this stn's Pgm I: /SW fqs only given here/ 0000-0030 Std CH & 0130-0200 Amoy 5040 4975. 1400-1430 Std CH, 1500-1530 Amoy, 1600-1630 Amoy, 1630-1700 & 2100-2130 Std CH on 4975 2340 (WBI 12/1)

Liaoning PBS, Shenyang, on 4830 + MW, 2050-0100, 0250-0640, 0855-1500 in Std CH; nx 2200, 0400, 1400; JP lessons 2100 & 0900. Zhejiang PBS, Hangzhou, Pgm I on 8910 4785 2475 +MW, 2100-0520 & 0850-1510 in Std CH; nx 2120 2300 0200 0400 0500 0900 1400; EG les 2140 & 1330. Jiangxi PBS, Nanchang on 5020 2445 at 2100-1500 in Std CH; nx 2300 0230 0400 0700 0930 1025 1415; EG les 2130 & 1300 (WBI 19/1)

COLOMBIA LV del Llano hrd on new 6124.5, from 0500 w/Mex mx, vy strong 12/1; R Súper de Cali was on 6126 last Oct. Rdif Nacional on 5980.3 has weak sig arnd 1000 & 2330; is not Mexican XEUJ (Ernie Behr, Kenora Ont, 14/1)

unID stns: 2931v, 3138v, 3168v, 6201v. All have same format, Roman Catholic mass, songs, sermons, local nx; only 3168 (v to 3175) is definitely a harmonic, since fq given as 1600 kc. ID "Em. Parroquial de ---". Never got QTH despite dozens of these IDs. All stns \*v2130-0030\*, and all remained totally mysterious when I left Colombia 12/12. Of the unofficial HJs I did ID 5225 5750 6350 and 6534; only 6350, LV de Samaniego, was still active by mid-Dec (Richard Stoller, Middletown CT) Your unIDs sound very much like some of the stns I hrd just above 1600 kHz, late Nov 82, from the USVI, my reports of which were met by resounding indifference (gh)

I see the BRCMS in Dec LN saying what I said in Nov LN: the govt is mad at the radio industry and is basically out to get even with them. For years, the govt and the radio folk (esp. the 3 large nets, CARACOL, RCN and TODELAR) had a non-aggression pact: the stns didn't do anything "unprofessional", and MinCom wouldn't bother them with time-consuming regulations. Well, MinCom (finally) figured out that people a) weren't even going thru the motions of license renewal, or (most common) b) were ignoring their license provisions--raising powers, switching owners, towns, you name it. It wasn't anarchy, certainly, and things are still better coordinated than most countries in the region, but the govt felt that it had been taken advantage of. Thus the nasty-looking decree of 10/10/83. (El Tiempo promised that it'd publish the decree, but I never did find the text.) The decree is basically as outlined in Nov LN, and won't affect SW in any way.

I had an illuminating chat with Ing. Gerardo Céspedes, Jefe de la División de Radio in room 529 of the MinCom bldg, Edificio Marillo Toro. He painted a rather sad picture of enforcement: "We're not a coercive agency" They have neither the mandate nor the resources to go after offenders, especially the politically well-connected. No monitoring goes on outside Bogotá, period. Céspedes was not well-informed about SW, and about unlicensed stns. He admitted their existence, but characterized them in ways I knew to be ridiculous from my own listening. There is no official listing of SW licenses; I have the AM/FM lists, which seem (more or less) accurate. The main "policy objective" of Céspedes and his staff is to encourage new stns in the Nat'l Territories, in the SE half of Colombia. Min Com will do your engineering studies for you, if you offer to set up a stn in a radio-poor area (Richard Stoller, CT)

CONGO unID on 7103.4 at 0615-0650 27/11, time in GMT, and in FR. Any help? (Ralph W Perry, TX, via Play-DX, Italy) Correction to my tip in Oct SWN on 7103: this is not LV du Zaire in Bandundu, as stated in WRTH NL and MN by Richard Ginbey; I am now 100% sure it is R Brazzaville, // 3232, 6115, 9715, 15190 hrd here in Kitwe, Zambia, mornings & evenings (Sarath Amukotwa, ibid., Jan DSWCI SWN) see also V of Namibia cland

COSTA RICA R Rumbo is back on 6073.2, but much weaker & not daily; noted 24/12 & 28/12 arnd 0130; also 4/1 0145-0300 w/mx & IDs; Dec pgms included church svc, sounded like small CAM village stn (Ernie Behr, Ont) on RN MN 23/11, Bill Whitacre reported from San José that R Impacto was beamed to Nicaragua, owned by a consortium of Nic & Venezuelan businessmen. SCDX ed. George Wood noted during his 8/11 pgm, "The head of R Sandino in Nicaragua, Miguel Blandon, said R Impacto is run by anti-Nic govt contras w/money provided by CIA." R Columbia's relatively new 4825 outlet noted from 0245 t/in 12/12 w/mx. First time we've hrd them w/out nx, commentary or sports. Whit reported this channel also beamed to Nic, but has more apparently legit ads than does Impacto;

(Dec SWNS) R Impacto's morn nx pgm now half hour later at 1130 /on 6150/ (Jan SWNS)

CUBA is location of bc stn hrd on 1697 kHz from time to time. Definitely ancd as such 0305 5/1. We suspect it's the R Cadena Agramonte xmtr listed on 1580 which was near 1690 a few years ago, but present sig is much weaker (C M Stanbury, Ont, Jan SWNS)

DOMINICAN REPUBLIC R Santiago, 6045, from 0400 trop mx, ID & NA to 0558\*, good sig, 22/12 (Ernie Behr, Ont) & also reported on several other 49m fq

ECUADOR Loud but viciously distorted (FM-ing) HC w/harp mx on 3308v/3270v/3253v, seems same sig as only on one fq at a time, hrd 19/11-12/12, erratically. FMing too wide even to slope-detect it intelligibly (Richard Stoller, ex-Columbia) Re Jan LN-20, Ernie Behr is quite correct in questioning my 'log' of R Rio Amazonas on 3290; it's nonsense, of course. I corrected this foolishness in other pubs I contribute to, two days after making the 'log', but forgot I'd sent it to LN. Didn't realize it till I saw the offending log in Dec LN, when I returned to the US recently. Needless to say, I was a bit embarrassed/mortified! Tnx to Mr Behr for correctly noting this mistake; can I plead reduced mental capacity due to high altitude? (8600 feet) (Richard Stoller, Middletown CT) You're forgiven; & tnx for your fine reports from Colombia. Are you going back??? (gh)

R Centinela del Sur, 4890, now noted regularly on 4890, much stronger than before. Has that natl pgm at 0130 w/folk mx & ads for the same sponsor at almost every break followed by jingles for the pgm by an echoed man. Occlly then local DJ w/voiceover local smmt fqly including ID, and at opening of this pgm they announce stn name. Sked on SW is to 0200v\* 23/12 it closed at 0205\* after a man had given a long anmt, incl Xmas mx & greetings, but rest wiped out by ute. 28/12 to 0200\* exactly.

R Nacional Espejo, 4680v, has returned w/very strong sigs, first hrd 23/12 w/soap opera and ID 0256, then when pgm closed 0301, I hrd a full ID. Adstring followed w/ads for a cola sounding like Cocla Cola /sic/, and 2 for Phillips Petroleum. Another ID, nx called "El Mundo en Cita" w/RTTY theme and CW bridges between items. Uted at 0320 by 2-tone xmtr (Nolan Stephany, Williamson NY)

EGYPT/SUDAN In a despatch from Khartoum 22/12, MENA reported that Sudanese Minister of Guidance & Natl Info'd visit Egypt at monthend to participate in inauguration of Nile Valley Radio, which was due to begin bcng at 0500 1/1. Sud delegation, incl Dir of BCing, Dir of Sud TV, Dep Dir of NVR, 'd arrive in Cairo earlier to prepare for the Sudanese Minister's visit. NVR'd open w/speeches from Presidents Hosni Mubarak and Jafar Numayri. R Omdurman added, in a 26/12 bc, that NVR'd provide a new and unique radio svc based on the common experiences of the two parts of the valley. HQ'd subsequently be upset on the ground of the integration area; the proposed site at present was Aswan, where studios and premises were being built. Radio'd already recorded a number of greetings to mark its inaug, provided by important NV personalities. Radio Cairo reported arrival of Sud Min of Guidance & Natl Info in Cairo 30/12 to attend the NVR inaug. Met by Eg Min of State for Info. SudMin said opening of NVR implemented decision by Higher Council for Integration's objectives, and aspirations of Sud & Eg people. Per Eg Min, R&TV Union'd concluded studies relating to establishment of an 'ultrapowerful' radio stn in S Egypt, which'd be allocated for NVR and which'd cover Eg/Sud borders plus parts of Arab world. He'd discuss these findings w/SudMin. Construction of this new stn'd take 3 yrs to complete. Min also noted that utilisation of the Arab satellite by end of 1984'd have a primary role in serving R/TV xmsns. Per R Cairo, NVR'd bc from 0500 to 0600 & 1500-1800 over V of the Arabs' MW xmtrs. In its inaug bc, monitored 0500-0600 1/1, stn ancd it'd bc from Studios in Cairo & Khartoum on 483.09 and 271 m MW, and 41.96 m SW (i.e. 621, 1107, 7150 kHz) (WBI 5/1)

Monitoring has established existence of an AR nx at dictation speed from R Cairo, 1100-1130 on 17800; per ITU, is beamed to C&Eaf (WBI 12/1)

EL SALVADOR R El Salvador Intl has new xmtr on 5992, hrd 22/12 2315-2400\*, 0115-0158\*, also 24/12 2245-0200, mx, SP/EG IDs, ancd 9520 9585 5990 6085 6095. Also hrd testing on 9587 at 0030-0105\*, 0203-0228 23/12 (Ernie Behr, Ont) But not much since

FALKLAND ISLANDS FIBS sked for Dec shows on FM 103.4 & 90.9 in addn to 96.5 and SW 3958/2380. On FM thruout; SW usage 3958 1115-2030; 2380 0900-1115 & 2030-0330; Sunday \*1000. Mon-Sat relays BBCWS mx, press review 0900-0915; other BBC nx etc. relays are 1100-1115 daily, 1300-1315, 1500-1515=not Sun, 1600-1615=Sat/Sun, 1700-1702 Sat, 1800-1830 Sun, 2000-2030 Mon-Fri, 2300-2315 daily. Also, Tue/Fri 2130-2200 relay BBC Calling the Falklands. FIBS News Magazine is repeated Tue/Thu/Sat 1215-1245, from first airing Mon/Wed/Fri 2200-2230. Calling the Falklands repeated Tue/Fri at 2315-

2345. Local anmts at 2230-2245, except Sun at 2330-2345. Also includes pgms made by BBC and BFBS. Sked compiled while Port Stanley local time was GMT-3 (WBI 22/12)

GABON V of the Gospel on 11815 via ANO xmtr, hrd from \*1721 w/IS, EG IDs, Hausa pgm to 1753\* 19/12, fair over QRM (Ernie Behr, Kenora Ont)

Africa Number One, Libreville, commercial ES from Moyabi, all in FR: WAF 0500-0600 & 1700-2300 on 11940, 0600-1700 on 15200. CAF 0500-0800 & 1700-2300 4810, 0800-1700 7200. Also on 94.5 Mhz in Libreville. Nx summary or headlines, or full newscast on most but not all hours, and some half hours (WBI 5/1)

GERMANY WEST As from 5/1, DW uses new 9770 for EG to Au, 0930-1030, apparently WGer xmtr, // 15275 17780 21680 WGer; 9650 Antigua, 21540 17800 Kigali (Bob Padula, ADXN) 9770 audible, but no match for 9650 here--aside from the hour, might as well be considered a NAM svc too (gh) DW is testing via Elshorm /sic/ xmtr on 6140 30 kW SSB RC at 0700-1645 in GM w/usual DW pgms from German PTT site (Bob Padula, ADXN)

GREECE R Stn Macedonia in Thessaloniki recently hrd 1000-1730 Mon-Sat on 12000 & 9815 - Sun s/on before 0730. In 17/12 issue, newspaper 'Elevtherotipia' reported that a pirate radio stn, R Antilyga, 'd been closed by MinCom 30mins after starting bcs. Was operated by publishers of weekly magazine 'Andi'. Per 16/12 Andi, stn'd bc on 103 MHz and'd be audible in most areas of Athens, and "wx permitting", in certain parts of Attiki and the islands. 18/12 Elevtherotipia reported publisher of Andi as saying he'd continue bcing, alone or in coop w/other people. At same time, groups of unaffiliated progressive ecologists, intellexuals, scientists and many amateur radio operators informed paper that a stronger radio stn'd begin 21/12 on 92.6 Mhz w/mixed pgm of speech and mx. Same people and that next week bcs'd be made from 4 xmters on FM & mediumwave (WBI 22/12) R Stn Macedonia hrd on 9855 from 1800. 27/12, Greek Radio quoted statement from a govt spokesman saying operation status of all US xmters at US bases plus VOA xmsns was under consideration and review. Per new base agreement, the revision of the agreement'd be outcarried by committee which'd begin functioning during Jan. But, as it had already been stressed to US side, final agreement'd be concluded w/Greek Radio & TV (ERT) which had overall control of such activities as provided for by Constitution. All daily VOA activities were already subject to approval, w/reservation that a new agreement 'd be concluded (WBI 5/1)

GUATEMALA unID new stn on 4960, 6/12, 7/12, 10/12 2310-2400\* s/off w/NA (Giuseppe Zella & Dario Monferini, Play-DX, Italy) 4960 is hot fq of the month--22/12 hrd stn here w/OM ancing mx, sounded almost Andean but at 0002\* played Guat NA; could not pull out an ID. Seemed to be xmas religious pgm w/sermons and/or inspiration by M. Prayers and ments of "dios" hrd frequently. Unifn Radio, 6090, very strong morns \*1100-1300\* when begins to fade right at s/off. EG IDs common every 15 mins exc when pgm in progress. Wud like to hear it eves when AWR bcs, but R Havana on fq; booms like 10-50 kW (Nolan Stephany, Williamson NY)

GULIANA FRENCH For M84, tent allocations for proposed RFI relay stn: 9575 0900-1100, 9615 1800-2200, 9605 2200-0200, 11880 0900-1100, 11790 2200-0200, 15300 2200-0200, 15435 1100-2200, 17860 1000-2200. Intended target area is ITU zones 12-16 = SAM (ITU via ADXN)

HUNGARY R Budapest was strong on 6025 at 1515 w/GM DX pgm 21/12; many other Euros also on band, incl Kiev 6020, Murmansk 5930, GM regionals 6085 & 6030 (Behr, Ont)

R Budapest to SAM/NAM between 2230 and 0500: 12000 11910 9835 9585 9520 6025 (WBI 22/12)

INDIA AIR Madras has replaced 9575 by 7160, 0230-0400; Sun 0415-0600; 0610/0630-0930 Sat & Sun till 1130 [sic]. The other AIR stns have also moved to 41mb during daytime (Jose Jacob, Kerala, India, Now IDXGI ADXR)

INDONESIA Per RRI, the Pelambang [sic] stn began 24h bcing 3/1; on 4856 (WBI 12/1) RRI Jakarta DS Natl pgm in Indo 2155-0100 9680 7270 6045 2332 999; 0100-0455 Sundays addl pgm, no info; 0455-0800 11770 (from 0100 Sun), 9680, 7270, 2332, 999. 0955-1610 9680 7270 6045 2332 999. Local pgm (Khusus) on 4775 3277 2155-0100(Sun 0200), 0800-1300; relays natl pgm at times, no further details (WBI 19/1)

IRAN VOIRI's regular 9022, used for various ES & DS relays 1600-0630, not hrd 11/1, 12/1, 13/1, but instead on 8978 (WBI 19/1) Periodically goes a-wandering (gh)

IRAQ R Baghdad Persian svc 1600-2300 hrd on 7214.2, ex-7180, //3367 (WBI 5/1)

IRELAND World Music Radio pgms are bc over R Dublin International, 6910, Suns 0545-1000, Mons 0200-0615. Addr is P O Box 4078, 1009 AB Amsterdam, The Netherlands. QSLs available for any WMR pgm; 2 IRCs for surface mail reply, 3 for airmail (Padula) (see also below...)

ITALY New stn on air is R Spoleto International, Spoleto, 7143, hrd 7/1 & 8/1 1245-1545. QTH [you mean QRA] is Piazza Garibaldi 17-06049 Spoleto. R Milano Int'l, on new 9810 // 7295, 7/1 \*1915, to be operated nonstop 24h; reports welcomed on new channel to: RMI, Via Locatelli 6, 20124 Milano, Italy; QSL (Dario Monferini, Play-IX)

R Milano hrd testing at end of Nov on various 25m fqs, 11700, 11825, 11855. Regarding World Music Radio, which says they bc via R Dublin 0545-1000 Suns & 0200-0615 UTC Mons--I haven't hrd them as often as that, but the stories really start when WMR claim to be on via R Milano. Per Roger Kirk of R Victoria, the only reason they bc WMR on the first weekend in Oct was because the FM link from Monte Penisci on 101 MHz to Monte Zinasco (AM & SW xmters) broke down and a WMR tape was all they had! Massimo Cerveglieri in Italy says WMR is never hrd via R Milano, but is always hrd on sked via the two stns in Pavia near Milano - Pavia R City on 101.6 MHz and 91 R on 91 MHz. Addr of WMR remains PO Box 4078, Amsterdam, Holland, or PO Box 146, Tasrup DK 2630, Denmark (Ken Baird, Jan DSWCI SW News)

JAPAN I think I can shed some light on JJD mentioned in Dec 17/21, with "solar & geophysical reports". I believe this to be a bc of "URSIGrams", a coded format used to exchange up-to-the-minute scientific observations, sponsored by L'Union Radio-Scientifique Internationale. An old (1969) handbook of S<sub>n</sub>optic Codes for Solar and Geophysical Data (published by the Int'l URSIgram and World Days Service Secretariat, Boulder CO), shows a sked for JJD using fqs 18785, 18180, 15950, 12295, 12000, 10415, 8000 kHz at different times during the day, all in A1 Morse. David Newkirk hrd JJD on 10415 & 15950, so maybe some of the other fqs are still active as well, tho the 1969 sked times don't match now (Martin Potter, Limoges Ont, 21/12)

KOREA NORTH KCBS ES, R Pyongyang, 110 min ea in EG: 0600 Eu 11985 11660 9360. 0800 SEAs 15245 11830 9765, 1100 Ams 9977 9745, 1300 SEAs 15340 11880. 1500 11880 9977 9625. 1700 also N&ME&F 11880 9977 9625. 2000 Eu 11660 9360 6576. 2300 Ams 15230 9745. SP Lam 1100-9700 9655 9560, 1300 9745 9560, 2300 15340 11755 (WBI 5/1)

KCBS DS 1958-1759, obs on 11680 instead of 11350 (WBI 19/1) 11679v ex-11350, // 9664v (Noel Green, Jan DSWCI SWN)

KOREA SOUTH unID on 6175, CH lang pgm, first noted 6/11/83, still here 1430-1530\* abrupt s/off, vy strong 14/1; is anyone else hearing this? (Ernie Behr, Ont) I am & it's S Korea, but without the IS & mx we are familiar with from other services (David Newkirk, Seattle WA)

LEBANON V of Lebanon, 6550, hrd w/pop songs 1430-1500 f/out 13/1; V of Hope, 6215.5 & Turk Polis 6340 same time but much weaker; best chance to hear these stns; afternoon & eve reception is almost impossible here (Ernie Behr, Kenora Ont) KUNA nx agcy reported 11/1 that two private radio stns run respectively by the Progressive Socialist Party, headed by Walid Junblatt, and the opposition Shiite Amal Movement, were expected to begin experimental xmsns by end of next week. Per Parliamentary sources, the law restricted bcng to the offl govt stn but it was thought that the current govt had given undeclared extraordinary permission "probably under pressure" to the Phalangist Voice of Lebanon and to the mouthpiece of al-Murabitun, Voice of Arab Lebanon. Leb EG nxpaper The Daily Star said 12/1 that a radio stn for the Prog. Soc. Party 'd been completed in the Shuf mtns and it'd begin daily bcs at Febegin; tests from mid-Jan. 16/1, AFP quoted leader of Shiite Amal mvmt that it'd be starting two stns w/in next dekaday. One'd be commercial in order to finance the other, which'd bc Amal's political standpoint. PSP radio, which bc experimentally in Autumn 1983, hrd again on 1080 17/1, AR xmsn to 1205\*; still fails to ID. The title "V of Truth" was only used in Sept when R Monte Carlo reported the start of xmsns (WBI 19/1)

In a 11/1 bc, R Lebanon reported that France & Leb'd agreed, in principle, to an info coop pgm which'd benefit Leb radio and Natl Info Agcy. Per French ambassador, the talks focused on developing and strengthening the radio. France could provide tech & admn assistance plus train correspondents & commentators. Interviewed, Leb InfoMin said agreement'd been reached in principle on admn & tech aspects. Asked if there'd been talk about another SW fq, he replied "not one but two SW fqs... If we have adequate funds we can expand a great deal... Leb R will be hrd thruout Leb"(WBI)

LIBYA LJBC hrd on 9890 in AR from 1800, but under ute after 2000; also on 6155 at 2015-2300, perhaps same xmtr as R Bardai [6009] which closes after 2000; 25/12 (Ernie Behr, Ont) Libyan radio's V of the Greater Arab Homeland svc in AR now hrd from 1900 on new 6155, // 17930 15415 11815; from \*1100 apx, on 17930 15450 15415 15235 (WBI 5/1) Further changes to SW fq usage: from apx \*1100, now 17930 15415 15235 9890 (ex-15450), relaying DS in AR until 1745 when ES VOYGAH begins. From apx 1900, on 15415 11815 98-90 6155. Low-power xmtrs on 9500 (ex-9600) & 6185 carry DS thruout bc day, apx 0500-2350 (WBI 12/1)

MAURITANIA R Mauritania, again ambling around 60m, hrd 12/12 2350 on 4828 (A Groppazzi, Italy, Play-DX) Same date at 0718 was on 4835 (Dario Monferini, ibid.) 11/1 0610 on 4838; but 23/12 & 13/1 on nominal 4845 2050-2245 (Dario Monferini, ibid.)

MEXICO XEWW on 6165 at 0030 21/12; first time I've hrd them there (Chuck Oliver, TX)

MONGOLIA Ulan Bator noted in EG 1200-1240 on 9615 & 12015; QRMoscow on 9615 (Arthur Cushen, NZDXT Dec-Jan) RUB ES in EG to 1235 now hrd on 12015 11985 9615 (WBI 19/1) Updated RUB sked effective Jan: EG Mon-Sat 1200-1235 7310 9615 12015. 1400-1435 & 1445-1520 7235 12015, all to SEAs/Pac (Bob Padula, Jan ADXN) Yet another! see LMI

MONTSEERRAT RCI relays via R Antilles (1450 St Vincent, 930 & 740 Montserrat) now carried in FR 2330-2400, EG 0000-0030. Both // 11910 [sic--should be 11710] & 9755 from Canada. R Antilles also hrd bcng nx in GM, ancd as in coop w/DW, 2300-2310 (WBI 19/1) DW owns R Antilles, after all, tho the Big RA doesn't like to publicize the fact (gh)

MOZAMBIQUE R Moz on 7218v, from 0330 PT & mx, 27/12; also 13/1 w/ID at 0330, but stronger on // 4862v (Ernie Behr, Ont) See also ANGOLA

NEPAL Tent R Nepal on 9589.1 from 0100 w/SAs type singing but faded by 0115 23/12 (Ernie Behr, Ont) R Nepal's pgms in EG hrd 16/1 1435-1530 on 3230 5005; previously used 9590 & 3425 unhrd (WBI 19/1)

NICARAGUA QSL letter from V of Nicaragua received 26/12 indicates a fq change from 5950 to 6100 effective 1/12; [EG] bcs still 0100-0200 & 0400-0500 (Ted Gurley, Beaumont TX) But they've stayed on 5950; I saw another report that 6100 was going to be a separate DS (gh)

OMAN For M84, R Oman tentative sked: 50 kW 11890 0130-2200; 100 kW: 6120 0130-0300, 9510 0300-0600, 9735 0600-1500, 11820 1500-1800, 9510 1800-2000, 6175 2000-2200 (ITU via ADXN)

PAKISTAN R Pakistan Dec/83 EG sked: 1645-1745 9435 11670; 0230-0245 17840 7315 and 21595; 1100-1115 21800 17660; 1600-1615 9860 11670 15565 17680 15445 (Bob Padula)

PAPUA NEW GUINEA In a 13/12 bc, R Australia reported that NBC had announced drastic cutbacks in radio bcs from 1/1-non-comm Natl Svc'd close for 4 hours in aftn, and'd s/off hour earlier eyes at 1300. NBC's 19 prov stns'd cut xmsns to only 5h a day. Per NBC chairman, cutbacks 'd been forced on NBC by govt budget cuts. NBC'd sought a budget of about 10 megadollars for 1984, but govt'd allocated only about 7 (WBI 22/12) Well, in early Jan I was still hearing 4890 past 1300 (gh) 3/1, RA reported the PNG Prime Minister had strongly criticised the NBC over threat to cutback bc hours due to fundlack. NY Eve, NBC ancd it was deferring the cuts. RA said 1984 budget provided some 6.5 M\$ for NBC, an increase of about 580 k\$ on 1983, but still 2.25 M\$ less than NBC claimed it needed to maintain present services (WBI 12/1)

PARAGUAY SSB relay of R Nacional hrd 3/1 on 10413, mx pgm to 2230 nx (C M Stanbury)

PERU "R Lux," 3703v, 0040 promo for 8 pm pgm "Aquí Canta México," sponsored by an almacén. Slogan: "R. Lux, donde siempre estamos pensando en su buen gusto". Pretty catchy, eh? Has Codina gotten any more info on this? I could only get ID. 3943 stn is R Huamachuco, vile audio but quite strong 1000+ & 2300+ in Bogotá, Nov-Dec. Big surprise on 4950.0--unless it was some propagational freak, R Madre de Dios has upped power. 27/11 [sic; I think he means 27/12 when in CT] hrd w/immense signal. R. Vaticana tapes, ancr-read ads on stores in Pto. Maldonado. ID 0116 28/12, then read letters from Italian DXers! US & FRG names too. Loud subsequent days too; sig & format suggest something has been increased. Power? Self-esteem? On 6965, "Radio

Cortoluni, ID hrd by Reinstein 7 months before, was right on. "Voces y canciones" pgm; fq "6900 kc", QTH only "Santa Cruz," not a town (Richard Stoller, Middletown CT) R. Huallabamba, 6272 at 0257 20/12, "Oh, Lonesome Me". Did not move meter off "0" (Chuck Oliver, Spring TX) You heard, maybe, an ID? (gh)  
LV del Altiplano, 5810, yearend/newyear special 1/1 0332 (V de Tomasi, PDX, Italy)

PORTUGAL AWR via Sines on 9670 Sundays 0900-0930 have made some pgm changes: Who Cares at 0900-0915, World DX News 0915-0925, and a religious feature 0925-0930. At 0922, TWR Monaco s/on the same fq (Edwin Southwell, UK, DSWCI) Radiodifusão Portuguesa, Lisbon, ES: 0030-0100 FR Canada 11925 6060, 0100-0300 PT USA & Can east 11925 & 6060. 0100-0130 SP Lam 11840 9600. 0130-0200 SP Venezuela 9745. 0300-0330 EG USA & Canada east 11925 6060. 0400-0530 PT USA & Canada west 9575 6075. 0500-0700 Mon-Fri PT Eu 9740 6025. 0530-0600 EG USA & Canada west 9575 6075. 0800-1800 Sat/Sun PT Eu 15125 11800 4740; 1400-1800 Af & Ams PT 21700 15250. 0900-1030 PT Timor/Macao/AuAs 21735 21505. 1100-1300 PT Af 21700 17880. 1100-1300 Mon-Fri PT Eu 15125 11800 9740. 1400-1600 Mon-Sat PT India/ME 15140. 1600-1630 Mon-Sat EG India/ME 15140. 1700-1730 Sun EG Af 17880, 1730-1800 FR Sun Af 17880. 1800-1830 EG Mon-Sat Af 17880 15250. 1800-1900 Sun PT Af 17880 15250. 1800-2000 PT Eu 11775 9740 6025. 1830-1900 Mon-Sat FR Af 17880 15250. 1900-2100 PT Af 17880 15250 11840. 2000-2030 GM, 2030-2100 EG, 2100-2130 FR, 2130-2200 IT, 2200-2230 SP all Eu 11775 9740 6025. 2200-0100 PT Brazil 11840 9600. 2300-0130 PT Venezuela 9745. RDP irregularly carries continuous mx or extended sked pgms on certain ES channels outside normal pgm times, often and in PT as the "Seven Continents Service" (WBI 12/1)

QATAR QBS M84 registrations: 100 kW: 9585 0245-0700, 21475 0700-1300, 15265 1300-1600, 9765 1730-2100. 250 kW: 11820 0245-0700, 17830 0700-1300, 17870 1400-1730, 11740 1730-2100 (ITU via ADXN) For D83 published ES sked: 0245-0800 & 1400-2130 on 9905, 0900-1400 on 17910 with 250 kW. Stn is organizing a "QBS Listening Club" in which listeners would be sent up to date info about stn & skeds. Send name, address and two photos of self to Jassim Mohammed-al-Qattan, Exchange & Research Dept. There have been reports of reception of the EG svc hrd from Doha on SW - these pgms are axually taken from the domestic EG net, which runs on MW & FM. EG svc intended for EG-speakers in Qatar & Arabian Gulf area. Stn has mx library w/280 kilotapes and 18 k-records. Uses 14 studios, 350 personnel, and local pgms comprise over 80% of output of all svcs (Bob Padula, Jan ADXN)

RWANDA RRR uses 3330 and 6055 on weekdays 0300-0600(Sat 0700), 0900-1200, 1330-1445, 1500-2100. Suns 0300-1200, 1330-2100. Nx in FR 0430 1115 1600=Sun 1800 1930; in Kinyarwanda 0400 1045 1515=Sun 1700 1900. Swahili 0330 1445. Sundays religious pgms 0900 1605 1940. Also has a net of 4 FM stns but no MW (Massimo Cerveglieri, Italy, Jan DSWCI SWN) Used to be regular here summer eves on 6055 until Prague took a liking to that channel. 3330 more difficult (Noel Green, UKOGBANI, DSWCI Ed.) R Rwanda DS in Kinyarwanda, SH, FR obs 13/12 from \*0300 to 0600\* on 6055 & 3330. Closing anmt 0600 said'd resume at 1100 on 6055 3330 plus 99.90, 98.78, 97.66, 94.82, 90.87, 89.00 FM (WBI 22/12)

SAIPAN Tent. M84 KFBS sked: 15110 1500-1730, 15115 0900-1100, 15125 2100-0000, 15150 1100-1500 (ITU via ADXN) Due to damaged eqp, KFBS still not on air. Replacement parts being shipped to Saipan and it's hoped the first bcs will take place soon. First xmtr'll axually have callsign KFBS-3; -1 & -2 are allocated for the new 100 kW Continentals, to go on air during 1984. Three antenna systems, centred on 323, 296, 260 degrees, all slewable  $\pm$  18 deg. First xmtr is axually one formerly used at Okinawa w/call KSEU, operated by FEBC. EG pgms from Saipan will have different format than FEBC Philippines, and'll incl Current Affairs & mx. Present Bengali svc, now running from Manila, 'll be shifted to Saipan (Alok Das Gupta, India, ADXN)

SÃO TOMÉ? African stn on 4805.2 hrd from 0540 w/mx & PT talk to 0615 f/out 17/12; best on USB due to ute (E Behr, Ont)

SOMALIA R Mogadishu, 7200, hrd 25/12 from 2045 w/fast talk, mention of Somalia & NA to 2101\*, over QRM (E Behr, Ont) R Mogadishu DS now hrd on 7200, probably for entire sked 0300-0500 (Fri 0400-0600), & 0900-2100. 300 kW on 693 kHz since 28/12 (WBI 5/1)

SRI LANKA EG HS of SLBC has been reshuffled again in Nov. Now known as the Commercial Svc, and the Natl Svc. First it was Channel 1 & 2, which recently became the EG Svc. They had a popular Commercial Svc which is now also the EG Svc (José Jacob, Kerala, India, Nov IDXC I ADXR)

SURINAME 5005 is definitely SRS, noted at CANAVDX-5 13/11 w/brief EG segment including clear ID at 0305 (David Crawford, Oviedo FL) SRS (Stichting Radioomroep Suriname) continues to be hrd on 5005.4 (WBI 19/1) Stn on 5005.8 hrd New Year's eve, closing w/DT & EG annt & NA to 0531\*; only ID hrd was "Surinam BCing Co" (or Corp), 1/1 (Ernie Behr, Ont) How come someone previously reported hearing an Apintie ID (gh)

SWEDEN Swedish radio reported 12/1 that a crisis atmosphere was spreading within SBC. In a letter to employees, head of the TV Co declared that by mid-1986, 160 megakronor must be saved and 500 jobs must go. (WBI 19/1) Any effect on R Sweden?

SYRIA Per amendment to current IFRB THFBS, Syria has registered a 500 kW SW xmtr located at Adhra (15 mi NE of Damascus) to operate from 1/12 to 3/3: 0300-0700 9505, 0700-1500 15215, 1500-2400 9505. Syria has not been hrd on SW since late 1970s (WBI 12/1) I thought it was longer ago than that (gh)

THAILAND In 15/12 issue, Bangkok Post nxpaper reported that the MassComms Org of Thailand had approved establishment of an EG-lang stn in Phatthaya, on FM, for benefit of overseas tourists visiting the resort (WBI 22/12)

TUNISIA Various new fq assignments for M84: 9610 0400-0600, 11730 0600-1600, 11735 1600-2400, 11745 0400-0600, 17820 0600-1600; 7225 0400-0600 & 1600-2400, 15225 0600-2400, all w/100 kW ME/AF/Eu (ITU via ADXN)

UKOGBANI BBCWS has a report on the current WARC in Geneva, "The Overcrowded Airwaves" sked for 19/2 1430, 20/2 1830, 24/2 2330 (gh) BBC's first 500 kW xmtr has been under test from Rampisham since about 14/12. Hrd w/WS on 9610 arnd 1000 15/12, 1800 on 15180 w/AR until 2000 then Turkish. Other fqs to be used were said to be 5975, 5995= not hrd, 15355 at 2030+ (Noel Green, Ibid., DSWCI SWN) Any info on BBC xmtr sites for SP to Lam 0215-0415 on 6055 6155 9765? (Ernie Behr, Ont)

Weekend Music Radio will test 12/2 0500-0800 & 26/2 0500-0800 over 6260 6235 6280. Report to: WMR, 42 Arran Close, Cambridge, England. R Freedom Intl, 6230 every month on first & third Sun 0900-1200; also tests on 15040 to SEu. Addr: Dept R, 67 Elm Row, Edinburgh (Jan Biggar, Scotland, via Play-DX, Italy)

URUGUAY The military govt, closed in the night of 17/12, the stn CX30 La Radio (6034 kHz on SW), by indetermated time. The clause arrived to the stn when them transmit from a local theatre, the Convention from the opposition party National Party (White), where proclaim how presidential candidate, to the exiliated leader, Wilson Ferreyra Aldunate. The police occupy the theatre and suspended the xmsn, in the meantime, others effectives clauseure in the stn, the xmsns (Gabriel Iván Barrera, Argentina) Spanish nx agcy EFE reported that CX-30, La Radio, in Montevideo, had been closed by the Urug Mily Govt on 17/12 "for an indefinite period". The stn was closed whilst it was being from a local theatre, venue of the Natl Party Convention. Per reports obtained by EFE, police had arrived at the convention and at the studios, forcing CX-30 to close. The govt verbally reminded all newspapers that the decree banning reports on political events was rigidly in force (WBI 22/12) EFE reported 20/12 that the Urug pres Gregorio Álvarez had approved and confirmed the "preventive suspension" of CX-30, La Radio, and ordered a complete administrative investigation. Same day, R Havana said the Dir of La Radio had begun a hunger strike in protest at the closure of the stn (WBI 5/1) George Wood quoted Dagens Nyheter on 17/1 that the stn had been allowed to return to the air, per SCDX broadcast (gh)

U S A A commercial SW radio stn being country mx to Mexico, Canada and Europe is planned for construction in the San Francisco Bay Area by Chester Coleman, chief executive officer of Broadcast Properties West, and Joseph Costello, owner of WRNO. Costello would own about 75% of the venture with Costello [sic] retaining the balance. In an interview w/Broadcasting last week, Costello said the engineering studies for the 3 megawatt stn have been completed and proposals have been submitted to equipment manufacturers. "We are about to finish the legal, technical and financial portions of the FCC application," Costello said. "We hope to submit [the completed application] before next summer." He predicted the new stn could be on the air by the end of 1985, "depending on processing time at the FCC." Unlike WRNO, the proposed stn would not simulcast an existing AM or FM. Would bc in EG. "We are exploring several different transmitter sites," Costello explained. "Cost of utilities is an important factor in making that decision. We're looking at that cost and the stability of that cost." (Broadcasting, 31/10 via NZ DXTimes) Tentative WRNO M84 sked: 1700-2000 17775, 1900-2200 15420, 2100-2400 11950, 2300-0200 9705, 0100-0600 6155, 0500-0900 9585, 0800-1300

6100, 1200-1500 9715, 1400-1800 11940. Note that tent skeds show overlapping of time segments, probably due to introduction of DST during xmsn period (ITU via ADXN) After 0600 on Sunday only; has been using 11965 instead of 11940. R. Earth, via WRNO at 0400-0500 daily on 6185, plans to rebroadcast Swiss SW Merrygoround on GMT Sundays. Also has a DX news report from gh on the first GMT Saturday of the month (gh)

KGEE tentative M84: 9675 0930-1200, 9685 1230-1500, 9525 0230-0630, all 250 kW to As/USSR. 50 kW: 9615 0430-1430, 15355 1430-1600, 15280 2130-0415 (ITU via ADXN) AFRTS pgm skeds are available only from AFRTS Washington DC (Brian Strong, USIS, NZLXT)

VOA, which for years has complained it lacks the facilities to project America's voice as effectively as it wants to, last week began getting new equipment. Work was started at VOA HQ in Washington on four modern broadcast studios. The \$1.4 million renovation project is sked to be completed in April, with two of the studios to be used by the EEU division and two by EG. VOA dir Kenneth Tomlinson described the studio construction as 'an important step in updating VOA's Wash HQ from a 1950s operation to a modern facility'. He said the new studios will serve as prototype for renovating 19 other studios that were built in 1954. Work on them will begin next year. Besides the 19 studios now almost 30 yrs old, four others were constructed in 1964 & three in 1981 for a total of 26. Even with the four now u.c., Tomlinson said, VOA will be "critically short" of adequate being facilities. In 1975, VOA used 23 studios to be 774 hours weekly. With 26 studios today, it bcs 970 hours. "At peak being hours, every studio is operated every day of the week," he said (Broadcasting 24/10, via Paul S Lotsof, AZ, SWNS)

3rd harmonic of WLOV Detroit is being hrd on 4500 during midday period w/religious pgms (C M Stanbury II, Ridgeway Ont, SWNS Jan)

U S S R In its 4/12 issue, the Tashkent newspaper "Pravda Vostoka" carried an article by a member of the Operational Search Group and Secretary of the Samarkand Oblast Komsomol Communications Control Committee, describing how a pirate radio stn called "Enigma" had been picked up by specialists from the State Inspectorate of Electrical Communications. The operator turned out to be an electrical assembly worker at the Karl Marx collective farm, Bolshevistskiy Rayon. He was caught red handed [sic]. His radio hooliganism cost him dearly: his radio equipment, tape recorders, receiver and record player were confiscated and the B.R. court imposed a heavy monetary fine. Other radio hooligans were also severely punished - a worker at Samarkand chemical works who arbitrarily went out on the airwaves under the code name "Cucumber" and a secondary school pupil whose code name was "Fortune". The article went on to say that it was naïve to suppose the illegal xmsns were harmless. Interference on the airwaves made it difficult to send essential signals to civil aircraft and to railway stn traffic controllers. Situations arose which threatened peoples' life and health. Radio hooligans showed disrespect for society. They polluted the airwaves with rudeness, vulgarity, uncensored expressions and trashy mx. They thought that it was impossible to find those responsible and therefore that they were unpunishable. But this was not so - even using an ordinary transistor radio it was possible to establish where the bc was coming from and modern specialist equipment permitted the location of the radio pirate to be determined very accurately and quickly. It seemed that many people were unaware of the existence of the legal article making it severely punishable to construct and use radio xmitting devices w/out spl permission from the organs of the State Inspectorate for Electrical Communications of the USSR MinCom. Measures of social influence or administrative penalties, in the form of a fine from 50 to 150 roubles, were applied to the guilty, and all radio apparatus was confiscated. Amateur radio was one of the popular types of sport [sic] engaged in by millions. The doors of radio clubs and technical sports clubs of the DOSAAF (Voluntary Society for Supporting the Armed Services [humm, must be analagous to MARS -gh]) were open to those who wished to study radio equipment and become experienced shortwave users. Against this background, the article concluded, "Those who like to show off on the airwaves look pitiful". This was not just unsporting but anti-social activity. Radio hooliganism was intolerable (WBI 22/12)

Some selected regional ES skeds for winter: Kazakh Radio, Alma Ata, in Kazakh to CAs 0000-0030 5915 5035, 0100-0130 6135 5915 5035. 1330-1430 same. R Baku in Persian 0330-0415 6135 6110. R Dushanbé in Dari to Afghanistan 0200-0300 & 1230-1300 on 4975. R Kiev, EG Nam 0030-0100 17870 15240 15100 9750 9685; 0300-0330 15240 15100 9750 7185. R Leningrad, RS for Soviet fisherman, Fri 2200-2300 5950. R Stn Soviet Belorussia, Minsk, BR to Eu 1800-1830 7280 6010 5980, 2130-2200 7420 6185. R Riga, Sun 0800-0830 Swedish, 0830-0925 Latvian on 5935. R Tallinn, Sun 0800-0915 Finnish, on 5925. R Tashkent EG SAs 1200-1230 11785 9600 9540 7335 5985 5945; 1400 same minus 7335. R Vilnius, EG Ams 2300-2330 17870 9750 9685. Pacific Ocean Radio Stn, Vladivos-

tok includes EG nx Sat 0847-0852 on 21690 21530 17870 17815 17765 17720 15295 12070 11900 SSB=9905 9810 9800 9775 9600 9500 SSB=7493 7370 7260 7175 6190 6050 6035 6020 5980; plus Khabarovsk 7210, Pet-Kam 4485, Yuzno[sic]-Sakhalinsk 4050 3995, Magadan 9600 9500 7320 5940; LW (WBI 22/12) + R Yerevan, EG Ams 0355-0400 17870 15240 15100.

SW xmtr carrying local pgms from Khanty-Mansiysk and Tyumen, and relays of the R Orbita-4 version of Pgm I, now hrd on 4820 ex-4520 (WBI 19/1)

Belorussian Radio, Minsk, DS Pgm I is on 12005 11995 9795 9645; operates at least 0200-2200 but unclear if axually 24h and what hours the SW channels are on (WBI 19/1)

VENEZUELA R Sucre was back on 4960 27/12 and after but not noted daily. Rumbos net pgming and local stn breaks w/ads for local stores, IDs. Cut from Noti-Rumbo at 0352 to give laid back s/off, then formal s/off anmt by M w/full stn info, NA to 0355\* (No lan Stephany, Williamson NY) R Sucre reactivated, on 4961 29/12 & 30/12 2330-0355; to find out if it's Sucre, check 4970 for parallel (Dario Monferini & P Cacciamatta, Italy, Play-DX) Multilingual election-nite coverage 4/12-5/12 on 4980 Torbes: SP/FR/GM were OK to my ears but EG was seeming self-parody: all the errors I encountered teaching EG to SP-speakers! "Caldera has 6 songs--Teresa, Juan, etc." (Richard Stoller)

VIETNAM VOV reported 30/12 that the regional radio stn at Cao Bang had inaugurated a new being stn, comprising a SW and MW net. Stn bc in Viet, Tay, Nung, Yao, Mong langs and was one of the most developed radio stns in the northern border provinces. New stn'd been built to replace old one destroyed by Chinese reactionaries and was capable of ensuring regular being activities to meet the propaganda requirements of the locality (WBI 12/1)

ZANZIBAR RTZ hrd here 7/1 \*0257 past 0330 w/test tone to 0257, xylophone IS to NA 0300, then ID at s/on by OM. Kuran to 0318, then pgm of mx w/frequent anmts--some even sounded like pgm intros. Since it didn't fade, I'm wondering if they have fixed or upped their power. Other Afro condx didn't seem too much out of the ordinary for Dec/Jan. Not hrd this strong again (Nolan Stephany, Williamson NY) Presumably 3339? (gh) Tent regs for M84 for new stn being constructed at Dole for ES of R Tanzania: 9575 0300-1500 Eaf/Madagascar, 1500-2100 Naf/ME. 11735 1500-2100 Naf/ME, 6015 0300-06 00 Eaf/Mad, 1500-2100 ME/Naf (ITU via ADXN)

## CLANDESTINE CRANNY

Anti-Deng Xiaopingers Contingent of Proletarian Fighters / October Storm / Radio Spark / V of the PLA Monitoring now reveals existence

of a 4th anti-DX claud, IDing as Contingent of Proletarian Fighters (Std. Chinese: Wuchan Zhezhan Doushi), sharing xmtr w/other 3. COPF was hrd between 22/12 & 26/12 (22, 24, 25/12 on 9267.6, 23 & 24/12 on 7524.6) w/10-min xmsn at 0900, repeated at 0915 0930 1000 1015 1030 1100 1115. Regular monitoring since 2/12 shows the xmtr operates daily on either 9267.6 or 7524.6 at 0900 w/apx 10 min bc in Std CH, usually repeated as above. Appears to be no pattern as to which of the two fqs or which of the four stns is on the air on any particular day. All these stns concentrate on criticism of DX's policies w/fqt mention of Taiwan (WBI 5/1) What is the point of considering these 4 different stns when their operations are so closely coordinated and emanate from same xmtr? Is there any significant difference in the line each takes??? (gh) WBI in the next issue goes on to print separate skeds for each, identical except for typos, but giving the Std Chinese ID for the others: October Storm = Shi Yue Feng Bo. Radio Spark = Huo Hua Tai COTP rendered differently as = Wuchanze Zhandoushi. Voice of the PLA = Jiefangjun Zhi Sheng (WBI 12/1) 7185 continues to run // 7525 for Sparks & Co. but still no //found for 9267 (David Crawford FL)

V of the Khmer People V of Free Asia from Bangkok reported that VOKP had begun being 16/12 from their 100-kW mobile SW radio stn. W/6 hours of bcs /daily?/, "the Khmer resistance forces would be able to enhance their political campaign against the Viet occupation troops and their client Heng Samrin regime in Phnom Penh" (WBI 22/12) Bangkok Post reported that Khmer res forces'd begin being a new radio svc into Cambodia 15/1. It'd op 6 h a day and was a joint venture between the Khmer Peoples Natl Liberation Front (KPNLF) and Prince Sihanouk's forces. There'd be a 10-day trial period before regular pgms began w/each group being entitled to 3 hours daily. Per info rxd by Post, the KPNLF's been using the radio since 8/1. Test xmsns'd comprise Camb mx, summaries of local and intl nx. Monitoring so far fails to confirm existence of this stn (WBI 19/1) How long can a 100-kW 6-h-a-day operation go unnoticed?? (gh)

V of the People of Malaysia (Malay - Suara Rakyat Malaysia), pro-Peking, on 7068w, 2130 Cantonese, 2200 Malay, 2230 Std CH, 2300-2330 Tamil; 1130 Cant, 1200 Std CH,

V of Tamil Eelam Peoples Liberation Organisation of Tamil Eelam (PLOT) is a militant youth org, demanding separate independent state in Sri Lanka. They've started clandestine from SAs. Hrd from first week of Nov 83 on 41m, hrd by several people in Madras. The enquirer w/PLOT /sic/ as the newspaper indicates, mentions they were using eqp bought from W Germany. Source didn't mention xmt site but said it wasn't operating from Indian terr. Also said was likely to be on air for one hour Sats & Suns. Subsequently hrd here in S India Sun 6/11 0330-0420 on 7000 in Tamil. Their natl anthem "Vezhga Tamil Eelam" (Long Live Tamil Eelam) was hrd during s/on & s/off. Beside revolutionary songs and annts, there was a msg from a libn leader and a bio of a martyr. EG ID hrd before s/off (José Jacob, Kerala, Nov IDXCI ADXR)

V of the Free Tamil State. Colombo Daily News reported 13/12 that the "Eelam" pirate radio stn, which'd been being for some time, 'd closed down for 'unavoidable reasons'. Per paper, the twice weekly one-hour SW xmsn was believed to originate in India, but the Indian authorities had ruled this out. Feeling now was that the bc was beamed from a powerful shipboard xmt. SL authorities said this was possible and that the closedown of the bc may be due to the host ship sailing away (WBI 5/1)

R Free Kabul, V of Afghanistan's Mujahidin Xinhua quoted press release from Afghan Info & Document Centre in Islamabad (Pakistan) that the SW bcs by VOAM had started 25/12, eve of 4th anniv of Soviet invasion. BCs'd be aired nightly for 30 mins at 1530. Previously used limited range FM xmt. France Inter reported 27/12 the stn's first bc'd been audible thruout Afgh and even in Pak. A French tech, who'd helped to install the xmt, described the scene from an altitude of 2.5 km "somewhere in the mtns of the northern region of the country, not very far from Kabul". Entire tech capacities of R Free Kabul 'd been mobilised. Working condx of the team were frightful. They put up their aerials in deep snow and worked at nite to avoid the Soviet bombardments. In another report, KUNA quoted a reliable source that the 500 W xmt'd been set up on the eastern Afgh heights on 2520 kHz. Stn was expected to xmit for 30 mins in the eve daily "after BBC pgms in Pashto & Persian end". BBC Pashto is at 0145-0215 while Persian is 0315-0330, 1615-1700, 1830-1900 (WBI 5/1) A bc thot to be from this stn, was intercepted on 3659 5/1; recitation of Koran at 1530, then interpretation in Pashto, referring to the Jihad (Holy War). Sig lost under QRM at 1540. Subsequently not traced, but per French newspaper reports, is anywhere in 3200-3800 range to avoid jamming (WBI 12/1) V of Afghanistan Following report on RNMN 12/1 that bcs in Pashto & Dari'd been hrd on 6270v6290, hrd 15/1 1533-1614 in Dari, Pashto, Uzbek on 6290 w/ very poor reception. Material praised Islam but attacked Soviet involvement in Afgh. Talk in Uzbek, at 1600 IDed stn as "This is the Voice of Afghanistan" (Uzbek: Afghanistan Sesiden Gapiamiz) (WBI 19/1)

R Iran / V of Iran Monitoring since 3/1 indicates VOI, in Persian 1930-2000 on 11640 now IDs as "R Iran, the radio of the Iranian nation, the radio of the Natl Resistance Movement of Iran". Also ancs addr of R Iran, C.B., 17 Blvd Raspail, Paris 75007, France. Both the ID and addr are now the same as bc by "R Iran", via R Baghdad facilities, 1330-1430 on 7140 & 3368 (WBI 12/1)

V of Justice, V of the Islamic Unification Movement /Lebanon In its 20/12 issue, Beirut newspaper "An-Nahar" reported that an extremist Islamic mvmt, the IUM, headed by Shaykh Sa'id Sha'Ban, was making its voice hrd via a private radio stn known as this (Arabic: Sawt al-Haq, Sawt Harakat at-tawhid Al-Islamiyah). Stn bc nx, religious instruction, songs for 3h in morn, 3h in afternoon. Was only radio stn in Tripoli area now, apart from the Fatah stn, which had moved from Al-Baddawi camp to Tripoli 12 days earlier. It was probably that the latter stn'd close w/departure of the Fatah forces from Tripoli (WBI 5/1)

V of Hope Guess you hrd the news that High Adventure's patron, Maj. Haddad, is no longer among the living; any affect on the stns? (gh)

V of the Palestine Revolution At 0900 28/12, a stn hrd being Pal songs on 1412 kHz. IDed as an expl bc from the "R of the Pal Rev, V of the P L O" from Nahr Al-Barid Camp. Ancd as 0500-0800 & 1300-1500 daily. Subsequently confirmed irregular tests at these apx times, but since IDed as "V of the Pal Rev, V of the P L O" (WBI 5/1) Not hrd since going off air w/out any closing anmt, during its 4/1 0500-0700 bc (WBI)

V of the Sudanese Popular Revolution, hostile to Pres Numayri and Sud govt, not hrd on 17940 since Jan begin; formerly was 1430-1730 apx (WBI 19/1) via Libya

V of Namibia bc via Congolese R, Brazzaville, SWAPO pgm, hrd 5/1 1800-1830 in EG & verna on 15190 & 9714.8 (WBI 12/1)

LV del CID, 11680, hrd 2100-2202\*v since 17/12, much weaker than R Clarín; 7464.5 hrd 2150-0358\*v, 29/12; 7352.5 hrd \*0000-0232\*v, 29/12, but WRNO QRM to 0200; 7400 hrd \*0300-0500\*v, 29/12; all but 7464.5 could be via same xmtr, perhaps from Guatemala (Ernie Behr, Ont) New channel 11680 hrd until 2200\* apx, w/various IDs incl R Máximo Gómez, R Libertad(?), and we think, R Camilo Cienfuegos. Not nearly as strong as Clarín on 1700 (C M Stanbury, Ont, SWNS Jan) R Clarín, Dom Rep, hrd recently announcing that R Camilo Cienfuegos, "an offl being stn of Independent & Democratic Cuba" 'd be on the air w/in next few months as Commander Húber Matos' tribute to his comrade and friend of that name. I & D Cuba'd thru RCC honour the memory of the leader of the Cuban revolution "which was faithful to the democratic ideals that inspired it" (WBI 5/1)

R 15 de Setiembre was using new 5700 //5565 31/12 at 0331, but when checked around 0420 12/1 was on 5575 only (C M Stanbury II, Ridgeway Ont, SWNS)

R Miskito, hostile to Nic govt, hrd again; since 26/12, on 6965 w/pgms in SP, Miskito & Indian langs 1400-1530 apx, repeated at 1900, 2200 (WBI 5/1) Claims to bc from somewhere in Nic; hostile to Nic govt, "new voice against atheistic Communism", on 6965 at apx 1400-1530 in Miskito & SP; 1900-1930 & 2200-2230 in Miskito, SP, EG. First hrd 20/1/83 (WBI 19/1/84) So 2nd two bcs are not full repeats of first (gh)

V of Free Nicaragua, hostile to Nic govt, hrd per new sked since 7/1--0100-0130 & 0300-0330 on 5750; ancd bc at 1200-1230 not traced (WBI 19/1)

R Farabundo Martí, hostile to El Sal govt, ancd that from 12/12, it'd add another FM fq for San Salvador area at 1830 (WBI 22/12)

R Venceremos, hostile to El Sal govt, ancd that from 10/1 the 0230 bc'd be hrd on 80 mb fq, between 3500 & 4000 kHz; in addn to usual fq near 7000 (WBI 12/1) 11/1, RV monitored 0000-0030 on 6588; 0230-0310 found on 3670; 12/1, 0230 on 6588 //but lagging 30 secs behind 3720; 0000-0050 on 7025. In a 12/1 report, RV recalled that it'd made its inaugural bc 3 yrs earlier (10/1/81) from a camp on a hill in La Guacamaya canton in Morazan /sic/ dept (El Salvador) (WBI 19/1)

NORTH AMERICAN PIRATES R Alchemy, hrd 1/1 w/rock and hit and variety mx, took calls at 202-966-9948 but phone patch stunk so he used it on the air only once. Also had an info/history tape about Radio Hierarchy in New Zealand /that's Huaraki -gh/ which was played while he took off air phone calls. He'd ocly talk w/one side of conversation on the air; gave MN addr of ACE for QSL; off 0614\* (Nolan Stephany, Williamson NY)

Rebel Music Radio 1/1 0500 on 1616 kHz w/rock mx and anmts; didn't listen very long (Stephany, NY) 1/1 \*0500-0615\* on 1616, extremely strong sig w/some distortion, "calling southern Canada and Eastern US". Pgm was top-20 protest hits in a "Golden Protest Weekend", signed off w/ "member in good standing of the Secret Radio Network". Also hrd 25/12 \*0500-0600\* on 1616, extremely powerful, 45 over 9, equal to that of local bc stns; slight distortion on voice anmts. Said to be bc'ing to S Can & E US w/ "first annual anti-war, no-mike peacenik" bc. Played: Did Jesus Have a Baby Sister, Waste/sic/ Deep in Deep Muddy, Masters of War, You're in the Army Now, The Call Up, Little Boy Soldiers, The Draft Resister, etc., etc. Urged people to enlist in military service, s/off w/a hello to PRN. Hrd this same stn 1/5/83 w/similar programming theme on May Day (Frank N Decker, Syracuse NY)

KPRC on 1616 //6275 both in well, ancd //91.5 FM mono w/usual rock mx, phone calls, dis-tral /sic/ wx forecast, parodies of movie ads, local promos, jingles (Nolan Stephany, NY, no date given but probably around 1/1) On 21/1 0440-0512, 1616 kHz, good signal, ancd // 6275 which I couldn't hear. Read letters and discussed Arab/Israeli conflict (Frank N Decker, Syracuse NY)

WDX very active: 1620 on 2/1, 7/1, 8/1. Only listened on 2/1 & 8/1, tho. 0410-0500\* 2/1 had top 40 style hit mx, phone call taken from LI. Played stn IDs, very pro at 04 20, then "Who's Afraid of the Big Bad Wolf", followed by beginning of their phone line problems. Gave new number after each song, but some problem--line'd disconnect after 30 sec. in one case, and wouldn't connect in others, no one at other end, etc. Had the parody songs "Stupid Dance" and "Stupid Avenue" played once. The Pirate Song was

played too, from Peter Pan, and used tapes of the two old men on the Muppets as "WDX Critics". Canned s/off at 0500, followed by NA and IDs. Ancd Morehead MN addr for QSLs. Stn could easily use a slogan: "The most professional pirate". Claims to be 'broadcasting from a tall tower on a tiny island off the east coast'. At one point there were xmtr problems and the DJ said "The tall tower is toppling on the tiny island and Pirate Mike has come out to fix it". This is my favorite pirate by all means --no depressing nuke comments, but very pro and interesting. Phone calls would have probably made it complete (Nolan Stephany, Williamson NY)

Greek/Turkish Pirate hrd 1/1 & 3/1 and others w/ME mx and amnts, very low modulation, late eves 0500+ on 1622v; no ID cline at all (Nolan Stephany, NY)

VOUS - Voice of the United States, 7420, hrd w/pop mx and this ID 2325-2340\* 27/12, a nouncing xmtrs in New York, Washington, Tampa; powerhouse sig sounded like 10 kW or more; 28/12 relayed Moscow WS to 2334\*, then moved to 7430; at 2337 "V of Communism" ID, mx & EG talk w/perfect R Moscow accent to 2346\*, distorted audio (E Behr, Ont)

R Free Insanity hrd 22/1 0008-0059\* on 7432, rock mx, M ancr, fair sig to very poor, many fades and some CW QRM. Ancd fqs 7430 (slightly off), SW & 98.7 FM. Twice the ancr solicited tapes from listners for possible bc ("first names or handles only"), gave addr as Box 982, Battle Creek MI 49016 (John Norfolk, Oklahoma City OK)

R Angeline Holy cow, my second pirate! 1/1 0508-0519 on 6225, rock mx of the 'satanic' type, with what sounded like the pirate op speaking over the mx: "Angeline, I love you...the happiest time of your life, Angeline...I love you, forever" (The happiest time of your life was also lyric in song). Then going into another mx selection: "R Angeline, w/Joe (couldn't make out last name) w/you on a journey of eternal love that all of us one day will make"; a few "ooohs" & "ahhhhs" and then a poem for--well, need I say whom? Clear at first but some QRM after 0512; around 0517 hrd what sounded like "Send in the Clowns" on a mx box. I checked the fq a couple of times after 0519 but didn't hear any more (John Norfolk, OKC)

KQSB International Tnx to your tip on SWL Digest, I finally hrd my first pirate, 25/12, t/in 0609 and found it on 6272 w/parody of "The Night Before Xmas" in progress (ending as follows: "I hrd him exclaim he drove out of sight, 'P--- /ensored by gh solely out of deference to the easily-offended ranks in NASWA/ on you all, it's been a h--- of a night") followed by a couple of pop tunes, w/ID 0617 over "Jingle Bells" by Barking Dogs. DJ "Uncle Ralph" gave Hilo HI addr (as indec LN), requested three 20c stamps w/reception report for QSL, then off. Some CW QRM. I also tried 11550 at 0700 but hrd nothing (John Norfolk, Oklahoma City OK)

New Wave Radio International, 7399, 0530-0746+, SIO 555 to 333; tuned in to "techno-pop" mx; 0537 "there's an oldie from NWRI", time check for 11:38 pm (CST), ID as New Wave R Int'l and stated 7399 kHz w/100 watts. Then into Stray Cats. Shifting condx and increased QRM resulted in gradually deteriorating signal; one RTTY-7402 on sbt 0610, another sbt 0645. At 0711 same M sent "greetings to all DXers" and discussed where to send reports for them; finally said to send reports to ACE DiaLogs and "... we can't guarantee anything, but we'll try..." Complete f/out 0746. Quite good on both the R388 and the ICF 2001. Pse QSL! (John T Arthur, Pahoa HI)

UNIDENTIFIED 11820 R Rainbow, 0240 EG lessons, good; Korea? ('PF', Dec-Jan NZDXT) I've revealed this before, but the people who need to see it apparently don't--this is the name of a program of EG lang lessons in various BBC service, including Spanish in this case; listening a few minutes longer ought to have cleared this up... (gh)

6016.5 weak LAM noted 13/1 from 2315 w/fast SP talk or sports; soon faded, but het still audible past 0130; any ideas? (Ernie Behr, Ont) R Santiago, Dom Rep?

6015 CH or similar lang hrd again 12/1 at 2300-2327 Vatican s/on; 49m is loaded w/CH stns at this hour, most of them unID (Ernie Behr, Ont)

6005 anti-Sandinista stn in EG 0510-0520\* 14/1; very poor mod (Chuck Oliver, Spring TX) BBC is usually here; maybe R El Salvador Intl testing? (gh)

LAST-MINUTE INFO MONGOLIA /see also main section/ RUB ancd this new sked 18/1 in EG to E/SE/SAs, Mon-Sat: 1200-1235 on 12015 9610 7210; 1400-1440 & 1445-1520 on 12015 7220; hrd on 12015 at 1200, but not audible on 9610 and 7210 (Joe Polchlopek, Misawa, Japan)



**CAMEROUN:** Radio Buea 3970 f/d "Map" cd. in 100 ds. for a FR rpt. and 2 IRCs. v/s Asonglefac B. Nkemeleke, Chief of Station. (Sizer-CT). same in 105 ds. for 2 IRCs. (Krueger-FL). Radio Bafoussam 4000 p/d form ltr. in 7 wks. for a FR rpt. and ms. v/s Messi Boniface. (Plum).  
**CANADA:** CFCX 6070 f/d "Twin Comanche" cd. in 10 ds. for ms. (Talbot-ALB). CFCX 6005 n/d "Montreal" cd. in 1 mo. for 1 IRC. (Bryant-OK). same in 36 ds. for ms. (Hosmer-MI). cd. in 80 ds. (Cones-VA). RCI 17875 f/d "Globe" cd. in 14 ds. for 2 IRCs. v/s Ian McFarland. (Bryant-OK). CBCNQ 9625 n/d "Eskimo" cd. w/ pennant in 64 ds. (Cones-VA). CBC 9535 f/d prepared cd. in 40 ds. v/s Colleen Curran, Audience and Public Relations. (Cass-CAPE VERDE ISLANDS: Radio A Voz de Sao Vicente idy-IN) \* 3930 n/d cd. in 46 ds. for a PT rpt. (Barto-CT).

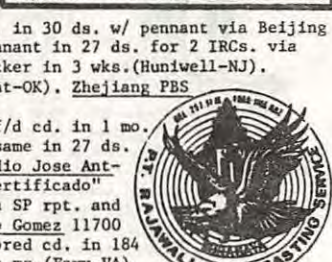
**CHAD:** Radio Moundou 5286 f/d 2 page personal ltr. in 43 \* ds. for a FR rpt. and SASE. v/s Dorong Guela Ketchoua, Chef du Station. 2.5kws. (Reinstein-FL).

**CHILE:** Radio Sociedad Nacional de Agricultura 9630 via \* San Fernando f/d ltr. in 5 wks. for a SP rpt. and 2 IRCs. v/s Carlos Toledo Verdugo, DX Editor. (Swaringen).

**CHINA:** Radio Beijing 9860 f/d cd. in 3 wks. w/ stickers (Palmerheim-MN). cd. in 23 ds. w/ pennant. (Dye-AR). in 21 ds. w/ pennant and pin. (Dye-AR). 11945 f/d "Great Wall" cd. in 19 ds. w/ sticker and pennant. \* (Kacir-MI). Sichuan PBS 5900 f/d cd. in 3 wks. w/ key chain. (Huniwell-NJ). Shanxi PBS 6176 via Xian f/d cd. in 30 ds. w/ pennant via Beijing \* (Bryant-OK). Gansu PBS 7324 via Lanzhou f/d cd. w/ pennant in 27 ds. for 2 IRCs. via Beijing. (Bryant-OK). 4865 f/d "Marionette" cd. w/ sticker in 3 wks. (Huniwell-NJ). \* Yunnan PBS Kunming via Beijing f/d cd. in 28 ds. (Bryant-OK). Zhejiang PBS 4785 f/d cd. in 3 wks. (Palmerheim-MN).

**CLANDESTINE:** Radio Ignacio Agramonte 5106 via LVDC f/d cd. in 1 mo. via C.R. address for 1 IRC. (Palmerheim-MN). same in 27 ds. for a SP rpt. and ms. (Stephany-NY). Radio Jose Antonio Echevarria 7465 f/d "CID Certificado" cd. in 27 ds. via C.R. for a SP rpt. and ms. (Stephany-NY). Radio Maximo Gomez 11700 via LVDC in D.R. f/d multi-colored cd. in 184 ds. for a SP rpt. and Venezuelan ms. (Foxx-VA). Radio Antonio Guiteras 7355 f/d cd. in 27 ds. (Stephany-NY). La Voz del CID 4980 via Ecos del Torbes f/d "Cuban Flag" cd. in 27 ds. for a SP rpt. and ms. v/s Bernardo Morell. (Stephany-NY). Radio Mambi 7076 f/d prepared cd. in 6 ds. for ms. v/s Teresa H. \* Perez. (Stephany-NY). Radio Vatan 15555 n/d "Flag" cds. in 14 wks. for 1 IRC. via the FRG addr. (Palmerheim-MN). same in 78 ds. for 2 IRCs. (Kap \* Radio "Liberty" 17740 f/d prepared cd. in 2 mo. from Dr. -inos-MA). Edgardo Bautista Matute Bravo, Jefe de Division, Direccion General de Defensa Nacional Argentina. (Krueger-FL).  
**COSTA RICA:** TIFC 4832 f/d "Logo" cd. in 49 ds. v/s Fco. Barahona G. (Barrera-ARG). f/d "Logo" cd. in 20 ds. for a SP rpt. and 1 IRC. (Dillon-PA). 5055 f/d cd. w/ pennant in 14 ds. for a SP rpt. and ms. v/s Juan Jacinto Ochoa F., Administrador. (Foxx-VA). Radio Impacto 6150 n/d form ltr. w/ sticker and pennant in 114 ds. for ms. (Moore-HOND).

**CUBA:** Radio Moscow 11840 via Habana f/d cd. in 29 ds. (Barto-CT). Radio Habana 11930 f/d



"La Fe Beach" cd. in 218 ds. (For -sgren-WI). same in 167 ds. (Kap-inos-MA). 11725 f/d "Habana" cd. in 31 wks. (Wilkins-CO).

**DOMINICAN REPUBLIC:** Radio Earth via Radio Clarin 11700 n/d "Curacao" \* cd. in 168 ds. for 1 IRC. (Cones). f/d cd. in 5 mo. for 1 IRC. (Krueger-FL). p/d cd. in 3 1/2 mo. (Caravan-PA). f/d cd. in 98 ds. for their 1st Miami B/C for 2 IRCs. v/s Jeff White. (Mayer-PA). n/d cd. in 51 ds. for 2 IRCs. (DiBise-ME). f/d cd. in 5 mo. for 1 IRC. (Swaringen-NC). n/d cd. in 155 ds. for 1 IRC. (Bryant-OK). f/d cd. in 149 ds. (Stephany-NY).


**GHANA BROADCASTING CORPORATION**  
 P.O. BOX 1633  
 ACCRA, GHANA

via Joln. Wilkins

Dear Sir/Madam,  
 Thank you for your reception report of our transmission(s) on 4915 kc/s heard at 0559 - 0615 G.M.T. on 31<sup>st</sup> Jan 1983.

We have pleasure in verifying your report which is much appreciated.

7<sup>th</sup> Nov. 1983

  
 mick  
 for Director-General

**DOMINICAN REPUBLIC:** Radio Earth via Radio Clarin 11700 p/d cd. in 120 ds. for a taped rpt. (Muzyka-NY). p/d \* cd. in 166 ds. (Paszkievicz-WI). n/d cd. in 4 mo. for 2 IRCs. (Gundersen-MN). f/d cd. in 5 mo. for 2 IRCs. 1st day B/C. (Palmerheim-MN). p/d cd. in 101 ds. for 1 IRC. (Forsgren-WI). p/d cd. in 143 ds. for 1 IRC. (Buer-FL), p/d cd. in 44 ds. for ms. (Wilkins-CO).

**DODECANESE ISLANDS (Rhodes):** VOA 15305 f/d "Independence" cd. in 7 ds. (Cones-VA).

**ECUADOR:** HCJB 15155 f/d "IETEL Tower" cd. in 120 ds. w/ ANDEX sticker. (Foxx-VA). 26020 f/d "100 watt" cd. in 2 mo. for 2 IRCs. v/s Thomas D. Fulgharm. (Hosmer-MI). Radio Jesus del Gran Poder 5050 n/d folder cd. in 3 \* wks. for a SP rpt. and ms. (Palmerheim-MN). Radio Rio Amazonas 4870 p/d ltr. in 1084 ds.!! w/ sticker for a SP rpt. v/s Prof. Marco Diaz D., Gerente. (Barrera).

**EGYPT:** Radio Cairo 9475 f/d "Luxor-Karnak" cd. in 90 ds. (Stephany-NY). f/d cd. in 135 ds. (Moore-HOND).

**EUROPEAN RUSSIA:** Radio Moscow 15280 via Serpukhov f/d cd in 6 wks. (Plum-NJ). 15305 f/d cd. in 29 ds. (Barto-CT). 21515 f/d cd. in 29 ds. via Kingisepp (Barto-CT). 21545 via Kenga f/d cd. in 29 ds. (Barto-CT). 12055 via Armavir f/d cd. in 29 ds. (Barto-CT).

**FEDERAL REP. OF GERMANY:** Radio Free Europe 5970 n/d "Map" cd. in 7 ds. for ms. (Hosmer-MI). 9595 n/d cd. in 24 ds. w/ sticker for ms. (Foxx-VA). 25665 p/d cd. in 17 ds. (Barto-CT). 9725 and 11895 via Biblis p/d cds. in 21 ds. (Barto-CT). Radio Liberty 15340 and 15290 via Lampertheim p/d cds. in 13 ds. (Barto-CT). 15355 and 15370 via Holzkirchen p/d cds. in 17 ds. (Barto-CT). 15445, 21455 and 17760 via Lampertheim p/d cds. in 21 ds. (Barto-CT). Bayerischer Rundfunk 6085 p/d "Antenna" cd. in 58 ds. for 2 IRCs. (DiBiase-ME). Deutsche Welle 7285 via Wertachtal f/d cd. in 54 ds. (Dillon-PA). DAM 4265 f/d "Logo" cd. in 23 ds. (Cones) Sueddeutscher Rundfunk 6030 f/d cd. in 37 ds. for 2 IRCs. (George-NC). p/d "Stuttgart" cd. in 42 ds. for 2 IRCs. (DiBiase-ME). f/d large cd. \* in 2 mo. (Sizer-CT). Radio Sender Freies Berlin 6190 via Radio Bremen p/d "Antenna" cd. in 55 ds. for 2 IRCs. (DiBiase-ME).

**FRANCE:** RFI 7135 f/d cd. in 26 ds. w/ sticker and pennant. (Foxx-VA).

**GABON:** Africa #1 11940 p/d cd. in 63 ds for a FR rpt. and 1 IRC. (Cones-VA). same in 149 ds. for a FR rpt. (Foxx-VA). Swiss Radio International 11715 and 15305 via Moyabi p/d cd. in 1 mo (Palmerheim-MN). 11715 f/d cd. in 32 ds. for 2 IRCs. (DiBiase-ME). RTVG 4777 via Libreville n/d folder "Map" cd. in 5 mo. for a FR rpt. and ms. (Plum-NJ). in 136 ds. for a FR rpt. and 1 IRC. (Stephany-NY).

**GEORGIAN SSR:** Radio Moscow 11805 via Tbilisi f/d cd. in 78 ds. (Bryant-OK)

**GERMAN DEM REP:** RBI 9730 f/d cd. in 3 mo. w/ pennant and sticker. (Palmerheim-MN). 9560 f/d "Skater" cd. in 25 ds. (Kapinos-MA).

**GHANA:** GBC 4915 f/d cd. in 23 wks. w/ schedule for ms. (Wilkins-CO). same in 13 mo. for 2 IRCs. v/s Mik Teuet (DiBiase-ME). 3366 2 f/d cds. in 494 ds. (Stephany-NY).

**GREECE:** Voice of Greece 9865 f/d "Ydra Island" cd. in 51 ds. (Barto-CT). 9420 same cd. in 45 ds. for ms. (Foxx-VA). VOA 9700 via Kavala f/d cd. in 9 ds. (Paszkievicz-WI).

**GUAM:** TWR 9510 f/d cd. w/ pennant in 1 mo. v/s Debbie Blosser. (Foxx-VA).

**GUATEMALA:** Radio Mam 4825 p/d ltr. in 94 ds. for a SP rpt. and 1 IRC. v/s Heminio Perez Lopez, Director. (Forsgren-WI).



**BROADCASTING SERVICE**

NO. 101, CHRISTOPHER LAMBERT  
 1000 AVENUE OF THE STARS, N.W.  
 WASHINGTON, D.C. 20004

NO. 101, CHRISTOPHER LAMBERT  
 1000 AVENUE OF THE STARS, N.W.  
 WASHINGTON, D.C. 20004

PLEASE PRINT

NAME YOU WANT YOUR RECEIPTS AND THE LOVELY JUNG  
 CARD INCLUDED. WE HAVE CONCERN YOUR RECEIPTS REPORT WITH  
 THE BUREAU'S LAWYERS AND FOUND OUT THAT YOU WERE REALLY TOLD  
 TO USE OUR SERVICE AS A LICENSE. THE STATE IS THAT FOR OVER ONE  
 YEAR, WE HAVE BEEN ONE OF THE MOST PROMINENT FOLLOWING THE  
 FEDERAL GOVERNMENT OFFICIALS THAT ALL BUREAU RADIO STATION SHOULD  
 TRANSMIT ON SHORTER WAVE FREQUENCIES. WE ARE NOW ON TRACK  
 IN THE BUREAU HAVE SAID BUT WE ARE SURE THAT THE GOVERNMENT  
 AGREE CHANGE MORE DAY TO ALLOW BE TRANSMITTED AS SHORTER WAVE  
 FREQUENCIES.

WE SINCERELY HOPE THAT YOU WILL KEEP BE INFORMED BY  
 CHECKING THE SERVICE ON THESE.



Dengan hormat,

Surat tuan tanggal ..... telah kami terima.

Dengan senang hati kami memberitahukan bahwa laporan Tuan, tab, adalah benar bahwa Tuan telah dapat menangkap Siaran - RRI Stasiun Regional I Dili - Timor Timur Indonesia.

Timor Timur adalah Propinsi ke 27 ( terakhir ) yang di bentuk di Republik Indonesia ( 17 Juli 1976 ) guna melengkapi data - data Tuan, bersama ini kami cantumkan data teknis - RRI Dili ebb :

via John Wilkins

RRI Dili - Call Sign	: Stasiun RRI Dili / YDVI
Meter band / frekuensi	: 120 meter/2500 khz/0,3 Mw 96 meter/3125 khz/10 kw, 90.77 meter/3305 khz/10 kw, 75 meter / 3985 / 1 Kw.
Pemancar UHF (FM)	: 105 MHz/50 Watt.
Sistem Antena	: L dan DIPOL.
Tinggi	: 40 meter.

Akhirnya atas perhatian Tuan bersurat kepada kami mengenai penangkapan Siaran RRI Dili di Negara Tuan kami sampaikan terima kasih.

Kepala Stasiun : Kepala Siaran  
 (Stasiun Manager) (Head Program)

PAUL J. WILKINS  
 HARRY A. SREMANU



# "RADIO TARMA S.A."

## LA DECANA DE LA PROVINCIA

Best of DX to everyone in 1984...Sam.

**HAITI:** Radio 4VEH 4930 f/d cd. in 24 ds. for a taped rpt. and 2 IRCs. v/s \* Mrs. Edna Beachy. (DiBiase-ME). same in 34 ds. 4930 is beamed to Haitians in Miami! (Reinstein-FL).

**HOLLAND:** Radio Nederland 11730 f/d "Van Gogh Art" cd. in 2 1/2 mo. (Plum-NJ).  
**HONDURAS:** HRVC 4820 p/d "Logo" cd. in 24 ds. (Stephany-NY). same in 26 ds. v/s Miss Cindy Maradiaga. (Barrera-ARG). Radio Luz y Vida 3250 ltr. in 10 mo. after 6 f/up.s. (Craighead).  
**HUNGARY:** Radio Budapest 11910 f/d cd. in 20 ds. (Choroszy-ME).  
**ICELAND:** ISBS 13797 f/d "Thingvellir" cd. in 23 ds. for a taped rpt. and ms. (Foxy-VA).  
**INDIA:** All India Radio 11620 f/d "Humayun Tomb" cd. in 95 ds. v/s BR. Chalarathu. (Palmer-INDIA).  
**IRELAND:** Radio Dublin International 6910 f/d cd. in 142 ds. for 2 IRCs. v/s sheim-MN). Eamon Cooke, Director. (Bryant-OK). same in 52 ds. w/ sticker for a taped rpt. and 3 IRC v/s Veronica Mahon. (Foxy-VA). same in 7 wks. for 2 IRCs. v/s Tracy Doyle. (Palmer-INDIA). same in 245 ds. v/s A. Meier. (Stephany-NY). in 84 ds. for 2 IRCs. v/s Mary Renoylds. (Stephany-NY). in 62 ds. for a taped rpt. and 2 IRCs. (DiBiase-ME).  
**ISRAEL:** IBA 13745 f/d cd. in 71 ds. (Palmer-INDIA). 11655 f/d "Map" cd. in 60 ds. for 1 IRC. (Gurley). 9815 same in 58 ds. (Cones-VA). 11655 f/d cd. in 64 ds. (Forsgren-WI). \* Voice of Peace 6240 f/d form ltr. in 41 ds. for 2 IRCs. v/s Janssen Jimmy. (Buer-FL).  
**ITALY:** RAI 9575 f/d cd. in 144 ds. (Talbot-ALB). United Nations Radio 11800 via RAI f/d cd. in 10 ds. via Switzerland for 2 IRCs. (returned) (Craighead-KS).  
**JAPAN:** JJJ 15000 f/d "Dolls" cd. in 61 ds. (George-NC). Radio Japan 15300 f/d "Wisteria Flowers" cd. in 32 ds. (Bruckner-NJ). 15135 p/d "Buddha" cd. in 1 mo. (Palmer-INDIA).

**KAMPUCHEA:** Voice of the People of Kampuchea 11938 \* f/d form ltr. in 20 mo. (Palmer-INDIA).  
**KIRIBATI:** Radio Kiribati 16433 f/d "Fishing" cd. in \* 254 ds. v/s Miss Tahoi B. (Barrera-ARG).  
**KOREA, PEOPLES DEM. REP:** Radio Pyongyang 15340 cd. in 6 wks. for 2 IRCs. (Craighead-KS).  
**KOREA, REPUBLIC OF:** Radio Korea 9750 f/d cd. w/ sticker in 34 ds. (Moore-HOND). f/d "Seasons" cd. in 2 mo. (Palmer-INDIA). 15575 f/d "Costume" cd. in 28 ds. for 2 IRCs. (DiBiase-ME).  
**KUWAIT:** Radio Kuwait 11675 f/d folder cd. in 27 ds. w/ schedule. (Mayer-PA).  
**LEBANON:** King of Hope 6215 f/d "Logo" cd. w/ sticker in 28 ds. for ms. (Cones-VA). same w/ sticker in 11 ds. for ms. (Stephany-NY).  
**LESOTHO:** BBC 9515 n/d cd. in 25 ds. (Hosmer-MI).  
**LIBERIA:** ELBC 6090 f/d cd. in 42 ds. (Barto-CT). 3255 blue cd. in 6 wks. for 2 IRCs. (Craighead-KS).  
**VOA 15600 via Monrovia f/d cd. in 14 ds. (Huniwell-NJ). 15315 cd. in 32 ds. (Forsgren-WI).**  
**LIBYA:** Radio Jamahiriya 11815 f/d "Logo" cd. via Malta in 1 mo. for 3 IRCs. (Lunna-VT). same in 52 ds. for ms. (Foxy-VA). f/d cd. in 44 ds. w/ Green Book for 1 IRC. (Hosmer-MI). 11816 ltr. in 17 mo. for 1 IRC. (Craighead-KS). same in 57 ds. for 1 IRC. (Cones-VA). in 63 ds. for 2 IRCs. (Dillon-PA). in 56 ds. for 2 IRCs. (Tutak-NJ). in 169 ds. for 1 IRC. (Caravan-PA).  
**LITHUANIAN SSR:** Radio Vilnius 17900 f/d folder cd. in 82 ds. v/s J. Lukosevicius. (Dillon-PA). 9685 p/d cd. in 37 ds. (Paszkiewicz-WI).  
**MALTA:** IBRA Radio 9515 f/d cd. in 23 ds. for ms. (Foxy-VA). f/d "CN Tower" cd. in 80 ds. for 2 IRCs. (DiBiase-ME). Deutsche Welle 6085 f/d cd. w/ pennant and sticker in 28 ds. for 1 IRC. (Hosmer-MI). 9590 f/d cd. in 54 ds. (Dillon-PA). International Christian Radio 9515 f/d cd. in 68 ds. (Foxy-VA).



## The Council for the Liberation of Suriname

via Terry Krueger

25 oktober 1983

Positie:

6850 KHZ.

M. Nasrullah

Q - S - L

Dit bevestigt ontvangst van RADIO FRIE SURINAME, uitzendend op een frequentie van 6850 kilohertz. Het station werd gehoord op 5 oktober, 1983 van 0100 tot 0130 Gemiddelde Greenwich Tijd. The Council for the Liberation of Suriname.



**VERIFICATION SIGNERS:** Radio Emisoras Reyes 4420 Jose Antonio Gomez Guzman, Director. Radio Andahuaylas 4840 Andreu Casafranca, Director General. Radio Los Andes 6010 Angel Marquez Radio Cultura Sao Paulo 17815 Olimpico Jose Franco. Radio Rwanda 3330 Viateur Kalinda. Radio Educadora de Santarem 4765 Dom Tiago Ryan. Radio Quito 4920 Alfonso Laso. Radio Tampa 3925 Yoshie Matsaura. Radio Tamoio 9610 Carlos Segadas Vianna, Director Artistico. Radio Impacto 6150 Helberth Vasquez Viquez. La Voz de Los Caras 4795 Marcelo A. Nevarez F., Director. Radio Cuarto Centenario 5030 Armando Cordova Saavedra, Director General. Radio Surcolombiana 5010 Maria Cristina Andrade de Pena, Gerente. Radio Inconfidencia 6000 Marica Gerken. Radio Los Andes 6010 Angel Marquez. Radio Sutatenza 5095 Jose A. Rodriguez F., Director. Radio Nacional Progreso 5060 Efrain Herrera Guerrero, Gerente. La Voz de Los Caras 4795 Marcelo A. Nevarez F., Director. Radio Chortis 3380 Juan Maria Boxus, Executive Director. Radio Vision 5360 Carlos Campos Rivera. Radio Huanta 2000 47 4755 Tito Abad Ore, Administrador General and Humberto Sapaico Salazar, Gerente. Radio Melodia 5995 Elba Alvarez Delgado, Jefe.

**MONGOLIA:** Radio Ulan Bator 4850 f/d cd. w/ pennant in 44 ds. (Reinstein-FL). 12070 f/d cd. w/ pennant in 54 ds. for 1 IRC. (Cones-VA).

**MONTERRAT:** Deutsche Welle 9545 f/d cd. in 93 ds. (Moore-HOND). same in 10 wks. (Swaringen-NC). f/d cd. in 72 ds. (Forsgren-WI). in 28 ds. w/ sticker and pennant for 1 IRC. (Hosmer-ML). in 63 ds. (DiBiase-ME).

**NICARAGUA:** La Voz de Nicaragua 5950 f/d ltr. w/ pennant in 139 ds. for 1 IRC. v/s Rudolfo Garcia G., Director. (Caravan-PA). f/d ltr. in 52 ds. for 2 IRCs. (DiBiase-ME). same in 115 ds. w/ pennant. (Gurley-TX).

\* La Voz de Sandino 6224 f/d ltr. in 46 ds. via MDN, ARDE member in C.R. (Barrera-ARG)...Possibly a CLANDESTINE entry...Sam.

**NIGERIA:** FRCN 4770 via Kaduna f/d ltr. in 86 ds. for 1 IRC. v/s Yusuf Garba. (Forsgren-WI). same in 52 ds. except this was for a DXer in Uruguay (maybe he has mine!) (Foxy-VA). ltr. in 98 ds. for 2 IRCs. (DiBiase-ME). f/d form ltr. in 102 ds. for 1 IRC. (Dillon-PA). in 2 mo. (Huniwell-NJ). f/d ltr. in 78 ds. for 1 IRC. (Cones-VA). 6050 via Ibadan f/d ltr. in 61 ds. for ms. v/s M.A. Ganiyu. (Foxy-VA).

**NORWAY:** Radio Norway International 9590 and 11870 f/d cd. in 1 mo. for SSB tests w/ personal ltr. (Palmerstein-MN).

**OMAN:** Radio Oman 9510 f/d beautiful folder cd. in 37 ds. v/s Mr. M. Said. (Barto-CT).

**PAPUA NEW GUINEA:** Radio Western Highlands 2450 f/d cd. w/ ltr. in 193 ds. Pennant rcvd. v/s Michael N. Kagl, Assistant Manager.

**PARAGUAY:** Emisoras Paraguay 6015 f/d ltr. in 417 ds. (Bryant-OK). \* v/s Carlos M. Sanchez, Director. (Barrera-ARG).

**PERU:** Radio Atlantida 4790 f/d ltr. w/ sticker in 95 ds. for a SP rpt. and ms. v/s Ivan Tenorio Matute, Administrator. (Foxy-VA).

\* Radio Moderna 6364 f/d prepared cd. w/ personal ltr. in 3 wks. for a SP rpt. and ms. v/s Porfirio Centurion Tapia, Director. (Lazarus-LA).

\* LA), Radio Concordia 9580 f/d prepared cd. w/ personal ltr. in 3 wks. for a SP rpt. and ms. large key chain rcvd. v/s Victor R. Fernandez B., Director-Gerente. (Lazarus-LA). Radio Esmeralda 3285 p/d ltr. in 67 ds. for a SP rpt. v/s Bertha Diaz Meza, Administradora. (Barrera-ARG). Radio Cultural Amauta 4955 n/d "Ayacucho" cd. in 48 ds. for a SP rpt. v/s Vicente Saico. (Moore-HOND). La Voz de la Selva 4825 p/d personal ltr. in 91 ds. for a SP rpt. and ms. v/s Enrique Castro Iglesias, Gerente. (Stephany-MY).

Radio Imagen 5035 f/d cd. w/ photo plus 2 personal ltrs. w/ business cds. from Victor D. Coral Perez, Gerente and Carmen R. Garcia Arevalo, Secretary. (Moore-HOND). Radio Inca del Peru 4762 n/d cd. in 6 mo. for a SP rpt. and ms. Pennant rcvd. v/s Augusto S. Irei S., Director-Gerente. (Lazarus-LA). p/d "Logo" cd. in 80 ds. w/ pennant for a SP rpt. (Barrera-ARG). Radio Tarma 4775 p/d ltr. in 36 ds. for a SP rpt. v/s Mario Monteverde, Gerente. (Barrera-ARG).

\* Radio Moquegua 4825 f/d ltr. in 23 ds. for a SP rpt. \* v/s Guillermo Kuong, Gerente. (Barrera-ARG). Radio Nacional del Peru 6095 f/d ltr. in 61 ds. for a SP rpt. v/s Guillermo Garcia. (Barrera-ARG)

**PHILIPPINES:** United Nations Radio 15330 f/d cd in 10 ds. (Craighead-KS). POLAND: Radio Polonia 9525 f/d "Lazienki Park" cd. in 89 ds. (Talbot-ALB).

**PORTUGAL:** Radio Renascenca 11730 f/d cd. in 68 ds. for 2 IRCs. (Mayer-PA). Radio Free Europe 17805 cd. in 21 ds. (Barto-CT)



**Radio Nacional**



**PORTUGAL: Radio Free Europe**

15145, 15355 and 11725 cds. in 21 ds. (Barto-CT). 15170 via Gloria f/d "Map" cd. in 19 ds. (Barto-CT). Radio Liberty 15130 via Gloria p/d cd in 13 ds. (Barto-CT). Radio Portugal 11925 via Ceoc f/d "Orix Gazela" cd. in 32 ds. (Barto-CT).

**QATAR: ORS 17910 f/d "Map" cd. w/ sticker in 3 1/2 mo. v/s Jassem Mohd. Al-Qattan, Head of Public Relations, Exchange and Research. (Gundersen).**

**ROMANIA: Radio Bucharest 15250 f/d cd. in 95 ds. (Dillon-PA). 11810 and 11940 f/d "Prince Dragoș" cd. in 32 ds. (Barto-CT). 6155 f/d cd. in 90 ds. (Cones-VA).**

**RWANDA: Deutsche Welle 17800 f/d cd. in 10 wks. (Swaringen-NC).**

**SENEGAL: ORTS 4890 f/d "Logo" cd. in 88 ds. for a FR rpt. and 1 IRC. (Forsgren-WI). p/d cd. in 87 ds. for 1 IRC. (Lunna-VT). f/d cd. in 137 ds. for a FR rpt. and 2 IRCS. (Tutak-NJ). cd. in 100 ds. for a FR rpt. and 2 IRCS. (Stephany-NY).**

**SEYCHELLES: FEBA 15200 f/d "Globe" cd. in 104 ds. for \$1.00. personal ltr. rcvd. (Caravan-PA). same in 44 ds. w/ sticker for 3 IRCS. (Muzyka-NY).**

**SOUTH AFRICA: Radio RSA 3230 f/d "Ebenezer Dam" cd. in 51 ds. (Barto-CT). 9615 same cd. in 27 ds. (Talbot-ALB). f/d "Sailboat" cd. in 22 ds. for 1 IRC. (Englsh-TX). f/d cd. w/ pennant in 17 ds. (Mayer-PA). 6065 f/d cd. in 48 ds. (Barrera-ARG). Capital Radio 3930 p/d "Presenters" cd. in 80 ds. for 2 IRCS. (DiBiase-ME).**

**SPAIN: Radio Exterior de Espana 9630 f/d "Art" cd. in 52 ds. (Forsgren-WI). 11880 cd. in 49 ds. w/ schedule. (Talbot-ALB).**

**SRI LANKA: Adventist World Radio 11835 f/d cd. in 5 wks. for 3 IRCS. (Craighead-KS). SLBS 15425 personal ltr. in 28 ds. for 2 IRCS. v/s R.E. Abraham, Managing Director. (DiBiase-ME).**

**SUMATRA: RRI Pekanbaru 5886 p/d ltr. in 10 mo. for an IN rpt. and ms. v/s Zainal Abbas, Kepala Stasiun. (Sgrulletta-NY).**

**SURINAM: Radio SRS 4850 f/d folder cd. w/ ltr. in 106 ds. for 2 IRCS. v/s Ms. Haidy Karg. (Gundersen-MN).**

**SWAZILAND: Trans World Radio 7295 f/d folder cd. in \* 55 ds. for 2 IRCS. (DiBiase-ME). Radio Truro 4980 f/d "Logo" cd. via South African address in 72 ds. v/s Derek Shaw. (Barrera-ARG). same in 90 ds. for 2 IRCS. (Swaringen-NC).**

**TAHITI: Radio Tahiti -5170 "Conch Blower" cd. in 6 mo. for 2 IRCS. (Dye-AR).**

**TAIWAN: Voice of Free China 17800 f/d "Four Gentlemen" cd. in 49 ds. (Talbot-ALB).**

**TANGIER: United Nations Radio 15360 f/d cd. in 7 ds.**

via N.Y. w/ UN information package. (Stephany-NY).

**TANZANIA: Radio Tanzania 9750 f/d "Logo" cd. in 288 ds. v/s E. M. Igos. (Barrera-ARG).**

**TIMOR: RRI Dili 3120 p/d cd. in 121 ds. for an IN rpt. of 76 reception. v/s Paul J. Amalo \* BA, Station Manager and Harry A. Silalahi, Program Head. (Barto-CT)**

**TUNISIA: Radio Tunis 7225 via Sfax f/d personal ltr. in 39 \* ds. v/s Z. Ben Lakhai, Telecommunications. (Reinstein).**

**TURKEY: Voice of Turkey 11740 f/d cd. in 3 wks. for 2 IRCS. (Loudell-IN). 9560 f/d "Santa Claus" cd. w/ pennant and sticker in 19 ds. for 2 IRCS. (Kacir).**

**TURKMENIAN SSR: Radio Moscow 15540 via Ashkhabad f/d cd. in 52 ds. (DiBiase-ME).**

**UKRAINIAN SSR: Radio Kiev 15180 and 17860 f/d cds. in 2 mo. (Palmerheim-MN). 17860 cd. in 32 ds. (Barto-CT). Radio Moscow 11705 via Simferopol f/d "Lenin Park" cd. in 39 ds. (Bruckner-NJ).**

**UNITED ARAB EMIRATES: Dubai Radio and Colour TV 21695 and 21655 f/d cd. in 39 ds. v/s K. F. Fenner, Chief Engineer. (Barto-CT).**

**URUGUAY: SODRE 9620 f/d "Logo" cd. in 11 ds. for a SP rpt. (Barrera-ARG).**

**CX-SARANDI**

**USA: WRNO 11950 p/d "Earth" cd. in 131 ds. (Forsgren-WI).**

# RADIO DUBLIN

INTERNATIONAL

## Q.S.L.

TO *Donald J. Horgan*  
OF *Douglas, Michigan, U.S.A.*

We are pleased to confirm your reception report of Radio Dublin on 691.2 KHZ between 5.16 and 6.44 MT on the *12/14/53*

Studios 58, INCHICORE ROAD, DUBLIN 8 (Visitors welcome)

1280 KHz  
 1180 KHz  
 691.0 KHz  
 60.2 MHz

**ELWA**



**RHODESIA BROADCASTING CORPORATION**

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**SURINAM: Radio SRS 4850 f/d folder cd. w/ ltr. in 106 ds. for 2 IRCS. v/s Ms. Haidy Karg. (Gundersen-MN).**

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**TAIWAN: Voice of Free China 17800 f/d "Four Gentlemen" cd. in 49 ds. (Talbot-ALB).**

**TANGIER: United Nations Radio 15360 f/d cd. in 7 ds.**

# RADIO - CAMEROON

via *Kruenger*

## Buea

R. D. C.

USA: WRNO 6155 p/d "WRNO Salutes the Louisiana 1984 World's Fair" cd. in 168 ds. for ms. (Talbot-ALB). 9725 same cd. in 130 ds. (Cones-VA). 6110 p/d cd. in 31 ds. (Barto-CT). 9705 f/d cd. in 134 ds. (Caravan-PA). United Nations Radio 15120 f/d cd. in 7 ds. (Huniwell-NJ). VOA 9505 via Dixon f/d cd. in 5 wks. (Palmerheim-MN). Organization of American States 11830 n/d ltr. in 8 ds. v/s Delia C. Levandoski. (Foxx-VA).  
 USA-PIRATES: Radio Clandestine 4890 f/d form ltr. in 37 ds.  
 \* for ms. v/s R.F. Burns. (Wilkins-CO). 11795 f/d ltr. in 145 \* ds. for ms. (Paszkiwicz-WI). KQSB 15047 f/d cd. in 30 ds.  
 \* (DiBiase-ME). KPRC 1616 n/d cd. in 2 mo. postmarked Portsmouth, N.H. (Sgrulletta-NY).  
 USSR: Radio Moscow 9600 cd. in 52 ds. (Talbot-ALB). Radio Station Peace and Progress 19mb. Totally useless! (Barto-CT).  
 VANUATU: Radio Vanuatu 7260 f/d "Logo" cd. in 520 ds. v/s Peter Salemallo. (Barrera-ARG).  
 VATICAN: Radio Vatican 11740 via Santa Maria de Galeria f/d cd. w/ site in 37 ds. (Barto-CT).

**RADIO SOFIA**



**BULGARIA**

VENEZUELA: VYTO 6100 f/d cd. in 120 ds. for a SP rpt. and ms. v/s Cn. German Romero Ocano. (Bryant-OK). Radio Lara 4800 f/d "Studio" cd. in 3 wks. for a SP rpt. and ms. v/s Ligia Villanueva A. (Palmerheim-MN).  
 VIETNAM: Voice of Vietnam 15100 f/d folding cd. for 1 IRC. (Caravan-PA). 12035 and 15010 f/d cd. in 88 ds. for 1 IRC. (Cones-VA). 10080 f/d cd. in 91 ds. for 3 IRCs. (Paszkiwicz-WI). Hanoi Radio 6453 f/d folder cd. w/ site in \* 58 ds. (Barto-CT). Lang Son Radio 6510 f/d folder cd. w/ site in 58 ds. \* (Barto-CT). Bac Thai Radio 6610 f/d folder cd. w/ site in 58 ds. (Barto).  
 WEST BERLIN: RIAS 6005 p/d "Antenna" cd. in 47 ds. for 2 IRCs. (DiBiase-ME). same in 16 ds. for 2 IRCs. (Hosmer-MI).  
 YEMEN, ARAB REPUBLIC: Radio San'a 4853 f/d ltr. in 48 ds. for an AR rpt. and 2 IRCs. (Barrera-ARG). 9780 p/d ltr. in 42 ds. for 2 IRCs. (DiBiase-ME).  
 YEMEN, PEOPLES DEM. REPUBLIC: Peoples Democratic Republic Yemen Broadcasting Station 11770 f/d "Logo" cd. in 499 ds. for an AR rpt. and 2 IRCs. v/s M. S. Moosa via P.O. Box 1222, Aden. (Barrera-ARG).  
 ZAIRE: La Voix du Zaire 15350 p/d ltr. in 774 ds. after 3 f/up rpts. in FR. v/s Lepamabila \* Saye, Directeur Technique. (Wilkins-CO).

Not too bad this time. We hit @103 countries reported with some excellent QSLs. Thank you! Hope you like the different look I've given to the Column. As per the suggestions received

we are now listing the Clandestine and USA Pirates separate. Euro-Pirates will probably remain with their respective country of transmission...Sam.



1966 QSL via Don Hosmer

**RADIO RSA**  
 THE VOICE OF SOUTH AFRICA



**HASHEMITE BROADCASTING SERVICE**

Amman - Jordan  
 via Rich Davis  
 I am glad to verify your reception report dated 12/16/81 in which you have monitored our home service on 7.55 Kc/s overseas service on \_\_\_\_\_ Kc/s between the hours of 02 GMT to 0630 GMT.

Further report will be highly appreciated.

Director General  
 H B S

NOTE: Thanks for the friendly letters from Gabriel Ivan Barrera who is a Chilean residing in Argentina. He is a pennant collector and would like to hear from others. John Sgrulletta of RR #1, Box 128, Mahopac N.Y. 10541 would like to hear from anyone who can transpose IN to EG. Any takers? Our resident Honduran Don Moore is vacationing in Mexico for a month! I'm freezing my mellons up here Don. Hi! Sam. Thanks go out to Dave Walcutt and Kevin Mikell for their correspondence. Also received letters from Bill Mayer, John Wilkins and William Muzyka. Bob Gundersen started to DX back in the 50s but only started to collect QSL cards for the past 6 years. You should of started earlier. Thanks to Peter Dillon, Nelson George and Ray Forsgren for their comments about the Column. Jean-Pierre Caravan informs us that the group Orchestral Manoeuvres in the Dark on their "Dazzle Ships" Album uses material from international broadcasting stations. Side I is called Radio Prague! Gotta go now. Until next time-best of DX, stay healthy and get those QSLs in to the Column...Sam.

*Sam*

# update

February 1984\*\*\*Number 156

Tom Allean  
636 E. 74th Terr.,  
Kansas City, MO 64131 USA  
(816) 523-7292 7-10 pm only!

UPCOMING DEADLINES: 10 February (Mid-Feb) 19 February (March) 31 March (Mid-March)

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

**ANTARCTICA** LRA 36 R. Nac. de Ban Gabriel, 15474, in SP 2325-45; vy weak but no QRM. Variety of instrumental and pop mx including theme from Zorba the Greek. (John Wilkins, CO 1-16)  
**BOLIVIA** R. Viloco, 3340.1, finally heard after a decade of frustration...now is a regular. Noted 12-22 at 1018 w/ signal strong enough to stop my bandscanning. Fabulously rustic local folklorica mx, huaynos en zamponas y tarkas, sicu-sicu, etc. Segued tunes and good signal. 1027, anncmt by M and in background Condor Pasa (what else). Next morning \*1004 s/on but signal not as good. Also noted 1-16 1025 w/ surprisingly good signal. Same musical format. (Ralphus, TX)

**BRAZIL** Rdf Acreana 4880, down from 4885, in PT 1001-32; fair w/ comunicados, short radio drama 1012, some slop from Super on 4876. (Wilkins, CO 1-5)

**CHAD** 5286, R. Moundou, marvelous two-page letter in FR from M. Dorong Guela Kethhoua, dir., required follow up report and director blamed Libyan war for interrupting mail! Reports that R. Moundou born in 1979 and exists simply because "le Gouvernement tchadienne le veut." Object is to unite the sons of the country. Xmitter rated at 5 kW but is currently running at half power. Daily sked is 0500-0800 and 1400-1800 GMT on 56 meters. Slogan on stn's rubber stamp is "Unity-Work-Progress." (Ralphus, TX)

**CHILE** R. Miniera, 9750, in SP daily fair-good 1100 w/ nx prgm. "El Correo Maginal de Miniera." Sponsored by Firestone. Strong 1-11 and comdey prgm after nx. (Wilkins, CO 1-11)

**DOMINICAN REP.** 6065, R. Santiago new freq, ex-6050v noted 1020 w/ nx show. At 1023 M mentioned "las 6 y 23 en esta edicion de Noti-Tiempo." Local ads, fair sig but big het. Later here is R. Univ. San Luis Potosi. Don't confuse. (Ralphus, TX)

**ECUADOR** R. Panamericana, 3290, in SP 1109; fair sig but het 12-23 w/ excited M reading ads. (Ralphus, TX)+++R. Gonzanama, 4271, in SP 1135-1204 on 12-23 and again on 12-24. In Provincia de Loja and good sig at t/in evidently just on. Couple of segued Ecuadorian folk tunes on guitar, pasillos then long anncmt by bassy M: "y muchas gracias por su sintonia, amables oyentes. De la mañana, la hora en todo del pais, las 6 horas y 40 minutos en Radio Difusora Gonzanama." Then after pasacalle on charango and pinkillo, at 1144 piano meldoy and faded down for M anncr: "Radio Gonzanama en cadena con la radio cadena nacional de noticias." Then picked up nat'l nx relay, complete w/ ads, some for firms in Loja and elsewhere. Found // Luz y Vida 4852 but no other HCs. Suspect Luz y Vida picked up a R. Nacional MW nx feed--or else it was LyV's own program--and Gonzanama was picking up the LyV SW. Sig held up to 1204 and faded while still in relay. Beware of Korean also hereabouts. Tax Codina. (Ralphus, TX)+++LV de Saquisilí, 4901, in SP 1150; ID, short talk, HC NA and into more HC mx. Not s/on. Het, too. Good. (Jack Jones, MS 1-8)

**HONDURAS** R. Landia, 4965, in SP 1212; vy good. Pop mx, ad string (including Inca Cola), ID, Kenny Rogers mx. (Jones, MS 1-14)---Same, 4964.6, 1100-1200 w/ a variety of LA and US pops. Also ads, fast-talking M anncr. Uses slogan "La Centro-Americana." (Wilkins, CO 1-12)+++LV del Junco, 6075.7, in Santa Barbara, reactivated after lengthy absence. Noted 1-16 at 2354 w/ SP nx fairly good sig through het. At 0001, echo ID as, in part, "...transmite HRMH5... kilociclos para todo... banda internacional de 49 metros de onda corta, desde Santa Barbara, Honduras, America Central." Several "LV Junco" IDs, local ads and CentAm pop mx. No chance of mixing w/ Rumbo while looking for ID. (Ralphus, TX)

**MEXICO** XEJ, 5978.4, continuing to slip downward in freq and getting better for it all the time. Noted 2145 w/ strong sig which ought to be widely hrd. (Ralphus, TX)+++La Hora Exacta, XEQK, 9555, in SP around 1430. First time hrd and may have been first day of reactivation, since noted w/ following every minute: "Hoy sabado, grandiosa inauguracion de la temporada 1984, nueva programacion." 2 M anncrs w/ ads, then every minute at :50 "en XEQK la hora del observatorio..." followed by GMT-6 TC and time tone. Poor to start with and wiped out by RCI at 1430. (Wilkins, CO 1-14)---Same on 1-15, 16 2150-2200 w/ time pip/time checks each minute. SP nx prgm at this time. Not very strong and in messy part of the band, too. (Ralphus, TX)---La Hora Exacta, as before 1423 on 1-13. Observatorio Nacional de Mexico time each minute. Long tone on minute, ads and anncmts (time of futbol game, etc.). Still There 1630 and 2045. Tnx Henry Lazarus (Jones, MS 1-13)

**NICARAGUA** LV de Sandino, 6205, in SP 1152; patriotic talk by W, martial mx, etc. (Jones, MS 1-8)

**PERU** R. La Voz de Oxapampa, 3260, in SP 1059+. Located in Dpto. de Pasco. First time for me and noted 12-22 w/ OA EA in passing. Quena intro tune at 1102 w/ charango backing and opening ID by M 1104. Nice prgm of folklorico mx followed, peticiones for impending Xmas, and there to 1140. Next day noted 1115 w/ nice sig to 1125. Christmas from Juan Carlos. (Ralphus, TX)+++R. Begua, 3310, in SP to 1057. "Buenos Dias Dia Mieraoles," nice local vocals, TCs every minute and full ID 1057. Fair. (Wilkins, CO 1-14)+++R. Cultural Amnuta, 4955, in SP \*1038; good.

NA, ID, call freq, "Onward Christian Soldiers," into talk. (Jones, MS 1-18)+++R. Union, 6115, in SP 1007 1-16; in Lima. "Tierra Fecunda" prgm featuring some extremely rustic campo stuff, pre-huayno type "incaica's." Bilingual anncr switching back and forth into Quechua. (Ralphus, TX)+++R. Tacna, 9486, in SP 1034 w/ huaynos and M anncr. TC: Las 5 y 35 minutos de la manana en hoy dia, estacion de la Navidad en R-r-r-adio Tacna, Buenos dias, Peru." (Ralphus, TX)---Tacna also noted 1045-1100 on 9505 w/ same prgm up from 9480. Nice mx but bad QSB. Canned ID 1059: Esta es R. Tacna, OAX6H y OAX6M, 9505 kHz y 1470 kHz ondas medias y cortas." (Wilkins, CO 1-2)

UGANDA RU, 5027, in EG very strong 0400-19. Ad for movie "Star Maker." Then local anncmts. Obits, too and into lang 0428. GMT+3 TCs. {Wilkins, CO 1-7}

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In the feature spot this month we start a new series. You've read about LAM logs originating with Juan Carlos Codina. Juan lives in Lima, Peru, and naturally is able to provide much firsthand information not otherwise available in the United States. A regular contributor to many fine DX publications throughout the world, Juan has graciously consented to put UD on his list. We have his report for the period between 9-20 December with more to come from this distinguished DXer:

- 4207.5 RADIO PRIMAVERA, Trujillo, Peru. Noted 12-19 from 0030-0410\*. ID: desde la ciudad de Trujillo, los acompaña, Radio Primavera." Distorted and with a jammer on top. Spurious?
- 4254.5 RADIO EN SOL DE LOS ANDES, Santa Cruz, Cajamarca, Peru. First noted 12-10 on first day on this freq. #ps as "la nueva radio El Sol de los Andes de 4225 kHz," and "El canal de los grandes exitos musicales." This is same slogan as formerly used on 7073.5. Noted first time at 0205 till 0505 at s9+20db. Announcing: Estamos probando nuestro nuevo y potente equipo. Still using Santa Cruz address. Very strong and in the clear. Slogan: "La frecuencia musicalista." Opens with NA and "El Cándor Pasa" after that. Opening slogan: "Buenas tardes publico oyente de Radio El Sol de los Andes, para todos ustedes muy buenos tardes. En las heladas cumbres del cerro Custunumi pleno corazon de Zarumilla 620. Estimado radioescucha, de esta forma Radio el Sol de Los Andes da inicio a un dia mas de labor, emision correspondiente al dia de hoy, martes 13 de Diciembre de 1983, ano "Canto Popular." S/on typically \*2300 and off this day 0230\*.
- 4271 RADIODIFUSORA GONZANAMA, Canton Gonzanama, Loja, Ecuador. Heard again 12-16 0340-0400; seems to be regular Fridays only. But also noted 12-17 opening at 0000 w/ religious prgms.
- 4493.9 RADIO INCA DEL PERU, Los Banos del Inca, Cajamarca. First noted 12-11 at 0100 anncing 4495 kHz. Not to be confused w/ R. Inca del Peru, Lima. Heavy CW QRM from 4492.2. Generally impossible because of UTEs. Very poor signal, too. This little town is only 8 km from department capital city, Cajamarca. Much tropical mx as well as huaynos. Varying slightly downwards from 4494 to 4493.6. Announcing "banda de 65 mts" and closing w/ NA 0307. Carrier on til 0312.
- 4679.8 RADIO NUEVO CONTINENTE, Cajamarca, Cajamarca, Peru. Noted very poor 12-18 at 0430. Barely audible and must be a harmonic. 3x 1599.9.
- 4710 LA VOZ DE GUATAS, Guatas, Bolivar, Ecuador. This is the approximate ID of this stn noted 12-12 w/ an EG prgm varying down in freq to 4692. Interviews, old romantic mx (Platters) 0130-0200. Later ID and TCs for GMT-6 in what must be a mistake as also mentions province of Bolivar and gives prices in "Sucre." Surely Ecuadorian. Modulation always bad.
- 4730.1 RADIO MAMAY, Mamay, Yucuja, La Paz, Bolivia. First noted 12-11 0430 and suddenly off 0457\*. DJ type program w/o breaks between songs. Mostly rock but some romantic ballads and folkloric mx. Sometimes off air for short periods. Strong and very good modulation. Opened next day 0000. Few IDs. Anncing 4759 kHz. Opening prgm called "Musica Romantica." Lasts to 0100. On 12-15 noted to 0555\*. Anncing that prgms next day would begin \*1230. Name Yucuja is tentative.
- 5478.2 RADIO YUNGAY, Yungay, Ancash, Peru, noted 12-16 to 0100\* (other days has been 0000\*) very nice mx and extended sked should make this possible with some good work in Nam.
- 5700.2 RADIO PAMPAS--DoNot Confuse W/ Another Stn of Same Name in 60mb. Noted 12 13 at 0100 very distorted and not very strong. At moments moving to 5705.6. ID hrd only once.
- 5739 RADIO SAN JOSE, San Jose, Cajamarca, Peru. Hrd at opening \*0030 12-15 w/ NA.
- 5801.1 RADIO ACUNTA, Chota, Cajamarca, Peru. 12-18, 19 on variable freq. IDs as "Radio Acunta del Peru, su radio amigo." Annced "banda de los 55 metros."
- 6069.3 RADIO EL CONDOR, Oruro, Bolivia, 12-9 from 2015-2030\*.
- 6547.3 RJ-1 LA VOZ DE LA JUVENTUD, Catacocha, Loja, Ecuador. 12-13 0215-0300. Very good w/ pasillos, of course.

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We'll have much more from Juan Carlos, Takayuki and Hitoshi in the months ahead. Stay tuned.



# LOG REPORT

## section A

2000 to 4899 kHz

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

GREETINGS! As we head into February, conditions remain okay, but not sensational. From the DX newswire, Kurt Enkenhus reports his logging of Greenland has been confirmed as correct by Gronlands Radio, so it looks like they are again active on 3999 kHz. Thanks, Kurt. Also, thanks to several of you who phoned me when Zanzibar was in. Haven't bagged 'em yet in Chicago, but I'm still trying!

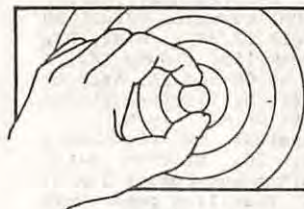
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- 2340 PAPUA NEW GUINEA, R. W. New Britain; tent w/OM w/mx and comments, 1137-46, only snatches of signal (Bolland 12/26)
- 2389.7 UNID, \*1052-1132, FR OM, mx and comments, mentions of R. National in the comments, any chance this is a new shortwave outlet from Haiti in parallel w/1080? (Bolland 12/24)
- 2390 GUATEMALA, LV de Atitlan; 2351-0005\*, OM w/comments and mx, hrd nitely until s/off (Bolland 12/25)
- 2390 MEXICO, R. Huaycocolta: 0020-0105\*, SP, XMAS MX, EZL mx, OM/YL, s/off anmts and NA (Alexander 12/24); 0058, lcl nx by OM at t/in, good but rapid, deep fades (Cunningham 12/9); presumed at 1245 w/marchlike mx fragments (Bobb 12/28)
- 2415 CHINA, Zhejiang PBS; CH mx, TC at 1300, anmts and ID at 1315\* (Young 1/5)
- 2420 BRAZIL, R. Sao Carlos; 1035, PT, OM tx (Bolland 12/17)
- 2430 CHINA, PLA-2/Fuzhou; tx in CH, //4380, 1443-1505, never logged here before (Young 1/7)
- 2489 BRAZIL, R. Educadora Coari; 2255, PT w/anmts and ID at 2300, weak signal w/QRM (Barto 12/5)
- 2500 ENGLAND, MSF; 0130, way over a weak WWV, CW ID on the 1/2 hour and back to time pips (Reinstein 12/27)
- 2850 NORTH KOREA, R. Pyongyang; 1124, KK, beautiful classical oriental mx px w/YL (Konen 12/27)
- 3160H MEXICO, UNID; 1241, pop and rancho mx, freq IDs, but was unable to decipher (Florian 1/6); 0300, rancho mx, references to Mexico (Field 12/29); 1312-1340 (Young 1/2)
- 3212.6 MOZAMBIQUE, RM; \*0256, pop mx, Vern mx at 0320, gone by 0400, //4861.6 and 7218.3 (Young 1/3)
- 3230 NEPAL, RN; nx in EG 1454, singing to past 1517 after ID, //5005 (under R. Malaysia) (Young 12/29)
- 3230.2 PERU, R. El Sol de Los Andes; 1006, SP mx, comments and ads, very weak signal (Bolland 12/13)
- 3240 PERU, R. America; 1025, SP, OM, ID followed by stn promos and oldies, including "Rock Around the Clock" (Bolland 12/23)
- 3240 ECUADOR, R. Cult. Antena Libre; HC mx 1040, ID (Klein)
- 3250 HONDURAS, R. Luz y Vida; SP, 0400, mentions of Christos, ID at 0404 (Jones, 12/7); 0045, holiday greetings (Plum 12/17); 0245, SP, lite instrs, tent ID at 0301 (Alexander 1/1)+1
- 3255 VENEZUELA, LV de El Tigre; 0345, SP, TC and ID, OM, caught ID when I tuned in (Plotnick 12/16)
- 3255 LIBERIA, ELBC; cmty on Lebanon, Afro pops (Florian 12/20); 2147, EG, VoA nx at 2203, OM/YL w/IDs (Cucura 12/13); 0700, nx about Nigerian coup (Alexander 1/2); 2237, EG (Bolland)
- 3260 ECUADOR, La Voz del Rio Carrizal; 0125, SP, lite ballads, ID, ad w/River Kwai theme (Cucura 1/4); 0235, mx and ads, full ID at 0257 (Bolland 12/16)
- 3260 PAPUA NEW GUINEA, R. Madang; 1308, lcl mx and US C&W, f/o by 1315 a good PNG morning, but I got up too late! (Konen 12/26)
- 3280 ECUADOR, LV del Napo; SP, LA mx, mostly choral arrangements (Prath 12/17); 1010, prayers in lang, 1032 ID and a message by the Pope, strong sig (Plum 12/31)
- 3285 BELIZE, RB; 0052, EG, OM tx, ID at 0053 (Plotnick 12/22); 1108, EG, non-stop XMAS mx, ID "This is RB w/Saturday

- concert" TC and wx (D'Angelo 12/10); 1133, XMAS mx (Muzyka)
- 3288 MADAGASCAR, RM; s/on at 1500 from, on 12/10, hrd on 3288 and far enough from CKN CW QRM to get IS played only once, partial ID, but very strong on 1/5 (Young)
- 3289.7 ECUADOR, R. PanAmerica; 1023, OM w/comments, ID often given, mx and TC (Bolland 12/20)
- 3295 NAMIBIA, RSWA; 0414, AK, XMAS mx, ID in EG 0430, pop mx and ballads (Paszkiwicz 12/16)
- 3310 PERU, R. Bagua; 1025, SP w/vocals by YL, anmts and ID at 1030 (Barto 12/20); 0221, SP, ballads & ID (Cucura 1/4)+2
- 3315t ECUADOR, R. Pastaza; 0319, SP, OM, no ID, so presumed (Plotnick 12/13); 0313-0404\*, SP, weak w/anmts, ads, s/off w/NA (Alexander 12/10); 0105 (Bolland 12/16); 0045, LA mx, slow ballads, frequent IDs by OM (Prath 12/7); 0100 (Field)
- 3325 ECUADOR, Ondas Quevedenas; 1034, comments, mx and an ID as "...Republica de Ecuador para ...Svadori Ondas Quenedenas, 5 en manna 37 minutos..." (Bolland 12/20)
- 3325 VENEZUELA, R. Monagas; 1022, ID w/freq, SP vocals, "Feliz Navidad" (Plum 12/21)
- 3330.8 COMORO IS, R. Comoro; \*0257-0323 f/out, orch NA, lang, OM into Koran, good under CHU, HIC#211 (Krueger 12/13); 1454, drum mx, FR ID at 1501, then osft orchestral mx and off, s/off times vary (Young 1/2 and other dates)
- 3335 PAPUA NEW GUINEA, R. East Sepik; 1258, YL, lcl mx and US mx, CHU splatter (Konen 12/26)
- 3339.1 ZANZIBAR, RTZ; 0325, Swahili, Afro mx, poss. ID 0345, OM w/tx in Swahili, 0355 f/o (Cucura 12/23); 0241, carrier, NA 0300, poss ID, stronger at 0315, gone by 0343, best log in 7 years! (Young 12/24); \*0257, xylophone IS (Stephany 12/11)
- 3360 GUATEMALA, LV de Nahuala; 1136, SP, marimba mx, OM w/ID and tx, lively morning px (D'Angelo 12/10); 0110 (Prath 12/14)+1
- 3367.5 IRAQ, R. Baghdad; 2105, attack in Farsi on Khomeini regime (Wood 12/17); test tone 1458, strange IS w/ID intersperced, into AR antms and mx (Young 12/27)
- 3375 BRAZIL, R. Nac de Sao Gabriel; 1000, PT, ID, mention of Radiobras, Brazilian pops (Alexander 12/31)
- 3385 PAPUA NEW GUINEA, R. East New Britain; 1227, EG, OM w/comments (Bolland 12/26)
- 3800.4 INDONESIA, RRI/Gorontalo reported here but never found //3265 except when RRI relayed, usually weak (Young 12/29)
- 3812.5 SUMATERA, RPDT2/Labuhanbatu; 1531, tx, pop mx past 1548, het w/Beijing on 3815 (Young 12/29)
- 3905 PAPUA NEW GUINEA, R. New Ireland; 1037, EG, tx by OM, some singing, tough copy due to AROs (Bolland 1/6)
- 3930 TRANSKEI, Capital Radio; 0402, EG, pop mx, brief ID, DJ, TC, QRM de AROs (Florian 12/31)
- 3955 ENGLAND, BBC; 0310, EG, World mx, Big Ben (Krist 12/18); 0345, EG interview, stock market rpts (Plotnick 12/29)
- 3995 USSR, Kyzyl (presumed); hrd during exceptionally unusual condx, mx, RS tx at 0152, piano mx, see also 4395 (Young 12/30)
- 4000 CAMEROON, R. Bafoussam; 2202, FR, IS, OM w/ID, world and lcl nx, 2307\* (Bobb 12/6); 0510-0545, EG and Vern px, some traditional mx (Lausevich, Laskowski, Konen)
- 4120 NORTH KOREA, V. Rev. Party for Reunification of Korea; 1135, OM and YL, KK tx (Konen 12/27); 1052, operatic martial type mx, no ID, I'm going by the list (Bolland 12/27)
- 4395 USSR, Yakutsk; classical mx at 0025, extremely strong and never hrd this time of day, TS and IS for R. Yonst at 0200, still in at 0402, //4940 (Young 12/30)
- 4606 IRIAN JAYA, Serui RRI; 1300\*, IN, just caught s/off anmts by OM followed by "Love Ambon" (Valko 12/4)
- 4623.4 INDONESIA, UNID; weak at 1347, IN tx, orchestral mx, OM, South Sea mx and off 1358 (Young 1/6)
- 4719 INDONESIA, RRI/Ujung Pandang; 1129, OM w/lcl mx px and brief serial-type px (Konen 12/27); 1113-30 (Bolland 12/25)
- 4725 BURMA, BBS; 1119, mx and comments throughout time frame, very weak signal (Bolland 1/5); 1217, Burmese w/lcl mx and YL (Barto 12/17); 1246, Burmese lang (Stephany 12/23)
- 4740 AFGHANISTAN/USSR, R. Afghanistan; 0230, presumed the one here in UNID lang w/tx by OM/YL, not hrd on 4450 (Alexander); //4450 in lang w/lcl inst mx (Barto 12/10)

- 4746.6 PERU, R. Huanta 2000; 1006, OA mx, guitar and OM singing, several IDs (Konen 12/27); 0306, SP, OM, saxophone solo, no ID noted (Plotnick 12/13); 0857, SP, Andino mx (Stephany 12/17)
- 4750t BRAZIL, UNID, EG pops, ID at 0230, couldn't make it out, R. Dif do Maranhao has been reported here (Moman 12/4); R. Dif do Maranhao, 0445, pop mx, ID at 0448 (Konen 12/8); UNID 0216 w/PT px, distorted audio (Plotnick 12/10)
- 4754.3 PAKISTAN, Karachi; 1423, typical mx, anmts, nx (Young 12/14)
- 4754.9 BRAZIL, R. Dif de Maranhao; 0903, PT, noted again on this freq after a short trip to 4750 last month (Alexander 1/8); can only hear mornings now that they're back here (Bolland)
- 4760 CHINA, Yunnan PBS; 2243, CH, tx by OM/YL (Florian 12/12)
- 4763 PERU, R. Inca; 1001, SP, OM, comments and mx w/excitable anncr (Bolland 12/25); 0428, SP, lively Peruvian mx, ads and IDs as "R. Inca" (Cucura 1/4)
- 4770 CHINA, Beijing; CH, 1311, OM tx, //5125 (Rigas 12/17)
- 4770 NIGERIA, FRCN; marching mx and tx about revolution by Maj. General Mohamed, 0605 (Field 1/1); 0434, EG, reggae and soul, TC, ID (Paszkiwicz 12/26); 2300, EG nx (Alcorn 12/14) 0432, R&R and disco (Hawk 12/14); 0520 (Plotnick 12/30)
- 4770 VENEZUELA, R. Mundial Bolivar; 0320, fast, monotonous mx w/occ. anmts by OM (Jones 12/26)
- 4775 BRAZIL, R. Cult Sergipe; 0930, OM, tx, several IDs, men. Sergipe, TC, into MoR mx (Klein)
- 4775 PERU, R. Tarma; 0311, SP, "Romantica" mx px hosted by OM, TCs and many IDs after every song (Valko 12/7); 0312, SP, many IDs and px of lite ballads (Cucura 1/4); \*0400! SP anmts, ID into Peruvian mx, some EG pop mx, many IDs, perhaps a test? 0500\* (Young 1/4)
- 4780 DJIBOUTI, RTVD; 0304, Koran, ID, into nx at 0313, 0340 f/o but overall, fair signal w/UTE QRM (McDaniel 1/10)
- 4780 VENEZUELA, LV de Carabobo; 0453, SP ID, tx (Schulze 12/25); 0325, LA mx, OM w/frequent IDs (Lausevich 12/30); Sergio Valente ads, LAM & Nat King Cole mx (Sharpe 1/3)
- 4789 IRIAN JAYA, RRI Fak Fak; IN, 1245, mx px by YL, back on freq at 1202 to hear Jakarta nx and //4845 (Valko 12/4)
- 4792 ECUADOR, Sist. de em Atalaya; 0010, SP, slow LA mx, piano song, OM w/ID (Prath 12/17)
- 4795 BRAZIL, R. Tabajara; 0915, Samba mx, OM w/several rapid-fire commercials, ID and TC, into mx (Klein)
- 4795 CAMEROON, R. Douala; very strong w/clear ID in EG after EG nx 2109 (Weber); 2202, FR, OM w/nx (Bolland 12/27); 0600, EG nx (Schulze 12/22); 2045, FR and EG at 2102 (Alexander 12/9); 2104, world nx in EG (D'Angelo, Moman)
- 4795 ECUADOR, LV de los Caras; 2345, SP, nice LA mx, ID by OM who also gave a telephone # (Prath 12/17)
- 4799.6 ECUADOR, R. Popular; 0630-0651\*, SP, HC mx, LA pops, little tx except for IDs, NA at s/off (Alexander 12/9)+2
- 4800t INDIA, AIR/Hyderabad; 1304, sub-continental mx, OM/YL tx, peaks around 1250 (McDaniel 1/10)\*\*Regular here lately.
- 4800 LESOTHO, RL; 1955, vern, 2000, reig px "The Church Lord Jesus Christ" (Schulze 12/25)\*\*Roland notes that this is his UNID from the December issue. mln.
- 4803.6 UNID, maybe Bolivia, def. SP tx, Bolivian style mx 0039-0207\*, also hrd mornings (Young 1/3)
- 4805 UNID; poss. Brazilian at 2131 w/PT sporting event, mention of Sao Paulo and poss. ID (Valko 1/15); 2148, futbol game, Sao Tome or Brazil? (Florian 12/16); 2250 (Stephany 12/28)
- 4808.4 BRAZIL, R. Itatiaia; PT, lively mx, mentions of Belo Horizonte after 0830\*, also 0113-0236 (Young 1/2+3)
- 4810 ARMENIAN S.S.R., Yerevan; 0159, IS to 0200, NA of Armenia (not USSR's) ID at 0204 as "Khosume Yerevan" by W. Bells type px sounder and into RS nx at 0205 //4990 mixing w/R. Bahai (Reinstein 12/21)
- 4810.4 GALAPAGOS, LV de Galapagos; 2335-0222\*, absolutely incredible sig w/px possibly titled "Cantantes de Nuestra America" w/wide variety of mx, TCs all 2 min fast, chimes and ID at 0043, then "Galapagos Informativo" (Reinstein 12/11); 0115, SP, pop mx, mention of San Cristobal (Valko 12/8); 0215\* presumed w/HC NA (Alexander 12/16)+2
- 4810 PERU, R. San Martin; 2358, SP, in w/tango mx, sometimes an

- 4815 ID was given during mx (Bolland 12/27); 0955, ID, huay. (Klein)  
BRAZIL, R. Nac de Tabatinga; 1046, PT OM, comments w/full ID  
 and mx (Bolland 12/20); 0230, ID (Field 12/28); 0345, PT,  
 EZL vocal mx, ID 0349 (Jones 12/26); weak 1150 (Young 1/2)
- 4815 UPPER VOLTA, RTVV; 2130, FR, ID, drama by OM and YL, Afro mx  
 (D'Angelo 12/17); 2224, FR tx by OM, Afro hi-life (Reinstein)
- 4825 PERU, LV de Selva; \*1004, NA, s/on anmt, OA mx (Klein)
- 4835 SOUTH AFRICA, SABC; 2135, EG, classical mx (Beethoven  
 Symphony #8) (Alcorn 12/14); 2120, EG, cricket match  
 (D'Angelo 12/7); 2208, EG, classical mx (Schoone-Jongen 12/28)
- 4845 BRAZIL, RN de Manaus; 0140--0158\*, PT, Brazilian pops, very  
 little tx, s/off w/anmts and ID (Alexander 1/8); 0228,  
 rapid-fire tx by OM, many IDs, 0301\* (Valko 12/16); terrific  
 signal at 0109, IDs, FCs (Cunningham 12/8); \*0902 (Young 1/2)
- 4845 COLOMBIA, R. Bucaramanga; 0107, SP, romantic ballads, OM,  
 some U.S. pop (Plotnick 12/30)
- 4845 INDONESIA, RRI/Ambon; 1210, OM/YL w/nx until 1229, then NA  
 and mx (Bolland 12/31); 1347-1402, C&W mx (Barto 12/4)
- 4845 MAURITANIA, RM; OM w/recitation, traditional mx at 2217, ID  
 at 2233, 0001\* (Lausevich, Valko, Enkenus)
- 4848 BOTSWANA, R. Botswana; my favorite IS! Bells, cows mooing  
 -- the works, 0358, NA, opening anmts included "You are  
 tuned to R. Botswana" and freq's (D'Angelo 12/10); \*0350-  
 0410, similar px to D'Angelo (Lausevich, Konen, McDaniel)
- 4850 CAMEROON, RC/Yaounde; 2107, EG, OM w/nx about earthquake,  
 Lebanon update (Bobb 12/24); 2242, YL singing (Moman 12/20);  
 2120, good signal w/EG & FR tx (Weber)
- 4850 MONGOLIA, R. Ulan Bator HS; 1217, beautiful local vocals,  
 Mongolian YL at 1219 and back to mx (Kruger 12/10)
- 4853 YEMEN, R. San'a; 0331, AR, s/on ID as "...Arabiyah al  
 Yamaniyah" into tx by same OM (Valko 12/30); 2030, //9780,  
 mentions of San'a (Cobb 12/11); 0335-0416 (Alexander,  
 D'Angelo, Jones); 0318, ID by YL (McDaniel 1/14)
- 4860 PERU, R. Chinchaycoch; 1056, SP, comments and mx, local  
 flutes used as music bed (Bolland 12/25); 1050, flutes (Klein)
- 4862 MOZAMBIQUE, R. Mozambique; \*0255-0400, Afro lang, carrier on  
 at 0241, IS w/ID by OM 'til 0255, NA by band, ID w/freqs,  
 into hi-life mx (Valko 12/26); 2200, PT, 2205\* (Wood)
- 4865 CHINA, Gansu PPBS; 1110, CH OM & YL, first time for me on  
 4865, signal gone by 1120 (Bolland 12/8)
- 4865 MONGOLIA, Sainshand; reported here w/classical mx at 1337,  
 "Rhapsody in Blue" at 1344, //4995 (Young 12/9)
- 4870 BENIN, ORTB; 2245, FR, OM w/tx and varied mx, ID and NA  
 (Bobb 12/27); 2216, oldies mx, some hi-life (Bolland 12/27);  
 strong w/Afro mx, lively speaker, ID 0417 (Plotnick 12/9)
- 4875 BRAZIL, R. Nacional Boa Vista; YL w/mix of rock and pop,  
 Brazilian ballads and "bossa nova" (Jordan 12/11); 0320-  
 0404\*, ballads, echo anmts, severe R. Super QRM (Alexander)
- 4878.8 PAKISTAN, Quetta (presumed); very weakly here at 1457 w/tx,  
 not //others 'til (4754 and 5095) (Young 12/14)
- 4885 BRAZIL, R. Clube do Para; 0850, PT, IDs, ads, Brazilian mx,  
 anmts, into relg px at 0900 (Alexander 12/18)
- 4885 CUBA, R. Habana; 0120, 12/15 only, surprised to hear RHC  
 theme song and SP ID by OM, poor signal, drifted all over 60  
 ME, 0125, jumped to 4985, then 4980 to briefly QRM the LV  
 del CID px on Ecos del Torbes -- not hrd since (Reinstein)
- 4890 ECUADOR, R. Centinela del Sur; 1115, SP, OM w/ ballad,  
 background mx (Jordan 12/20)
- 4890 PAPUA NEW GUINEA, NBC; 1220, EG, OM DJ w/letter box and mx  
 request show (Jordan 12/8); 1122, request px, two IDs at  
 1200 (Cobb 12/9)
- 4890 SENEGAL, RS; 0045, Vern/FR, 1cl drums, vocals, ID and NA  
 (Cucura 12/6); 2212, FR, nx (Enkenhus, Bolland)
- 4894.8 ANGOLA, Emissor Regional do Bie; 0552, presumed w/nonstop  
 hi-life mx til Senegal s/on 0558 (Krueger 1/2)
- 4895 BRAZIL, R. Bare; 0100, theme from "Hawaii Five-O", full ID  
 on the hour (Prath 1/4); 0920, PT pops (Klein)
- 4895 USSR, Tyumen; OM & YL, RS, perhaps a drama, some orchestral  
 mx, TS, gone by 0623 (Young 1/5)
- 4899 INDONESIA, RRI/Surakarta; 1200, IN w/nx, weak but clear  
 signal (Barto 12/10)\*\*That's all for now. CUN30.



# LOG REPORT

## section B

4900 to 6199 kHz

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R. El Salvador Int'l on 5992, RIAS on 6005, TGMUE widely heard on 6090 . . .

- 4900+ **ECUADOR** LV de Saquisilí, rock 1108, ID 1118, NA, mensajes, no YV (Reinstein); ID 0600 (Field-MI); ID 1150, short talk, NA, into HC mx; fair with het (Jones-MS).
- 4902 **SRI LANKA** Colombo in the clear 0058, gone by 0120, exc FM opening 1-6 (Young-CA).
- 4905 **BRAZIL** R. Araguaia, PT ballads 0925, many TCs, IDs, man amncr, more ballads (Klein-NJ).
- 4905 **BRAZIL** R. Relocio Federal, amts by man, 3 pips on each minute, 0145 mixing with a much weaker ZY (Reinstein-FL); 0951, talk over mx, into the noise by 1002 (Bolland-FL).
- 4910 **ZAMBIA** Lusaka, tone to 0346, IS, 0350 opening, EG ID, mx 0355, ID 0409, vry gud sig (Stephany-NY). Same slot, Reinstein-FL, Valko. 1900, also 0405 w/relig.prgm (Schulze).
- 4910 **HONDURAS** LV de la Mosquitia is back, religious talk 0030, SP except for minute of EG (Prath); relig. singing 0115, ID 0220, all SP, seemed deliberately QRMed (Bobb-MN); unid., SP instr. mx 0115 past 0227, maybe sports, no ID; Gran Colombia? (Young-CA). HRXX also hrd, barely readable, to 0300\*, HRXX ID just perceptible (Cunningham).
- 4915 **BRAZIL** R. Anhanguera, ID 0257, pops, many TCs (Cunningham); \*0900 with PP amts, lively mx, ID, bird chirps, pops (Young-CA); PT pops 0930, man DJ, very good (Klein-NJ).
- 4915 **COLOMBIA** Armonias del Caqueta, ID 1048, string of Xmas songs (Plum-NJ).
- 4915 **KENYA** Nairobi, very strong 0359 tune-in, talks, into long nx segment, ID 0415, hilife mx, an ad at 0431; new hi pwr xmtr? (Cunningham). Nx 0408, Afro mx 0410, tx to Sean McDaniel for call (Kelly); quite strong 1603, //4934 (to 1614) (Young-CA).
- 4920 **AUSTRALIA** Brisbane, nx 1209, ID, TC, press rvw (D'Angelo-PA); clas.mx 1250, jazz, pops, ID 1256, pips on the hr, mx, pops, weak and QRMed (Jordan).
- 4920 **ECUADOR** R. Quito, LA mx 0124, ID and harp sounds, F-G (Bobb-MN); ID 0300, man amncr (Plotnick); ID as "R. Quito, LV de la capital" 0400, LA mx, few amts, fair sig (Dillon-PA); ID 0505, light instrumentals, off abruptly at 0509 (Alexander-PA).
- 4920 **USSR** Yakutsk, M&W talking, hvy CW, //4940; 1st prgm IS 0000, talk, 0015\* (Young-CA).
- 4922 **PERU** Ondas del Titicaca, hrd after Quito off 0605, pops, many IDs, to past 0914 (Young-CA); almost oriental sounding, 0955 (Klein-NJ); ID 1009, glad to finally hear (Valko).
- 4925 **EQUATORIAL GUINEA** Bata, folk mx to 2059 ID, natl nx from Malabo (off-air relay, could hear RTTY QRM), local nx 2100, mx, prgm rvw, NA to 2136\* (Stephany-NY); Afro mx 2102, ID 2119, long NA to 2127\* (Cucura); nice mx 2125, ID, 2134\* (Bobb-MN); fair with lively local mx 2208, mentions of R. Nacional (Rigas-IL).
- 4930 **HAITI** 4VEN heard widely hrd. 2150-0100, mixed prgram, SP language lessons, EG ID one night, FR other times, I think 0200\*, also AMs, strongest in 60 mb (Valko); FR ID, nx, relig.prgm, 2300 (McLemore-FL); "Life in the US" EG lesson 0000, back to FR 0030, s/off is 0300, vry strong (Alexander-PA); 0005-0120, lang. lesson, Xmas mx, nx 0100 (Jordan); talk, TC, drama, F-G to 0300\* (Paszkiwicz); echo amrt 0215, muddy audio on the IDs, address given (Moman-ALB); \*0930, hymns, chimes, NA, FR ID, birthday greetings, F-G (Bobb-MN); man in FR 1022, ID, relig.orgn mx, very good sig (Konen).
- 4932 **NIGERIA** Educ.Svc of R. Nigeria, fair 2110 with nx, cmtry, ID by gal, into mx, all EG (D'Angelo-PA); gal talking 2247, poor, make it tentative (Moman-ALB); talk on Nig society 0505, no ID hrd, hvy QRM (Plotnick). QSL rcvd on no-address letterhead but mailed from Ibadan (RFB 5698); absent definitive info, I'd still say it's Lagos (JB).
- 4935 **BRAZIL** R. Capixaba, talk, ZY mx, 0324-0350, some fading, het 0335 (Lausevich).
- 4935 **PERU** R. Tropical, \*0953, NA, ID, VG (Klein-NJ); talk, backgd mx, 1034, ID/TC (Bolland-FL).
- 4937 **UNID.** LA, maybe Bolivian, 0040, talks, pops, in and out, weak, 0301\* (Young-CA). FL.
- 4940 **IVORY COAST** Abidjan, jazz, hilife, 2205, under carrier, RM fading in 2220 (Bolland-FL).
- 4940 **USSR** Yakutsk, hrd here to 0030\*, //4920 (to 0015) (Young-CA).
- 4945 **BOLIVIA** R. Illimani, under Neiva 0954 (Bolland-FL); ditto, ID 1023, //6025 (Alexander-PA).
- 4945 **BRAZIL** R. Nac. Porto Velho, 0820, RadioBras ID, HJ off (Klein-NJ); ID 0950, 0953, mx, HJ off 1-3 (Young-CA); mixing w/HJ 1003 12-31, TCs, ID 1015, fair (Bolland-FL).
- 4945 **COLOMBIA** Caracol Neiva, man amncr 0254, ID 0256, vocals (Plotnick).
- 4950 **CLANDESTINE** Voz de Verdade, talks, drum IS, Xmas mx, Rod Stewart, het, bad RTTY, 0350-0435 (Valko); psble ID \*0331, Afr mx, poor audio mostly; weak past 0445 (Young-CA).
- 4950 **PERU** R. Madre de Dios, nice OA huaynos, 1035, talk, IDs/TCs, mx, fair-good (Klein-NJ).
- 4955 **BRAZIL** R. Marajoara, ID 0915, conversations, ID 0931, PT singing, another ZY under/
- 4955 **PERU** R. Pampas, CA mx 1048, IDs between spoken segments, some nice mx (Klein) (Young-CA).
- 4960 **ECUADOR** R. Federacion, \*1108, HC NA, ID (Klein-NJ); \*1112, NA, Quechua talk (Bobb-MN).
- 4960 **UNID.** SP, maybe relig., to 0001\* (Stephany-NY); SP, past 0630, weak, prob. Fed. (Young-CA).
- 4961 **VENEZUELA** R. Sucre, ID 2255 (Prath); crunching Fed 2309 (Reinstein-FL); Rumbo nx to 0355\* (Stephany-NY); hrd to past 0502, hvy het from 4900 area (Young-CA).
- 4965 **BRAZIL** R. Alvorada, man talking 0955, several IDs, pops, jings, relig.svc (Klein-NJ).

- 4965 BRAZIL R. Poti, 0830, Natal in ads, ID, TC (Klein-NJ); tent. 1024-1046 fade(Bolland-NJ).
- 4965 BONDURAS R. Landia, ranchera mx 2300, TC, ID (Prath); pops and disco 0336, many TCs (Valko); mx, final ID, 0500\*, not vy good any nights (Sheedy-CA); campesino mx 1100, GMT-6 TC, ID (Klein-NJ); ranchera, ID, ads, 1110 (Alexander-PA); taped ID 1158, TC "en centroamerica," date, pops (Cunningham); to past 1304 (Young-CA); weak 1248(Rigas-IL)
- 4966 UNID. LA 1128, singing 1202, couldn't tell much due 4965 QRM; still in 1220 (Young-CA).
- 4968 SRI LANKA Colombo, mx 1539, no break 1600; formerly inactive on this fgy (Young-CA).
- 4970 ANGOLA ER Cabinda, \*0430, ID, NA, local mx (Schulze); tent. 0534-0617, hllife mx, YL anncr, no ID, poor (Konen); presumed, daily after YV off, vy weak audio (Young-CA).
- 4970 VENEZUELA R. Rumbos, IDs, chimes, mx, 2305 (Bobb-MN); on 0130 after short absence (Prath); man anncr 0407, ID, mx, good signal (Plotnick).
- 4972 CAMEROUN Yaounde, pops 2149, YL DJ, gud (Florian-IL); 0603, //4000,4795,4850(Young-CA).
- 4975 BRAZIL R. Timbra, man anncr with much talk at 0930, ID, sambas, good sig (Klein-NJ).
- 4975 COLOMBIA Ondas del Ortegua, 1000 with HJ pop selections, many IDs, gud sig (Klein-NJ).
- 4975 PERU R. del Pacifico, exc 0418, Xmas mx, man anncr, ID, and no ute (Valko).
- 4977 ECUADOR Rdif.Tarqui, man with nx 1108, full ID and TC at 1110, good (Bolland-FL).
- 4980 VENEZUELA Ecos del Torbes, elec.talk 0200 (Dillon-PA); full ID 0620, YV (Plotnick).
- 4980.6 ECUADOR Presumed Ondas Azuayas, lively LA mx 0403, next to YV; SP talking (Young-CA).
- 4985 BRAZIL R.Br.Central, PT ID 0200, Br.mx prgm (Prath).
- 4990 ARGENTINA SSR Yerevan, AR nx 1520, ID, 1530 IS, into Armenian;xmtr.believed in Arm(Wood-ECUADOR R. Baha'i, IDs 0016, EZL mx, no YV (Valko); exc 0142-0230, clear ID S.AR). (Reinstein-FL); HC mx 0950, gud (Klein-NJ); good 1010-1040, IDs, TCs, flutes (Konen).
- 4990 S.AFRICA R. RSA, EG 0317, Ltr frm Afr (Bolland-FL); poor 0356 (Plotnick).
- 4991 UNID. LA, next to YV, bits of audio frm 0236 to 0500\*. Animas here in the past(Young-CA)
- 4996 PERU R. Andina, ID 0332, poor, RSA/WVV QRM (Schoone-Jongen); yipping 0433, ID, fags, calls, fair (Valko); F-G 1005 (Klein-NJ); yipping, ID, ads, echo amts 1020(Alexander-PA)
- 4997.5 ANGOLA R.Nac (so IDed in Eur), pops, talk, 2050-2213, vibrphone IS (Valko); presumed them, light pops 0040, pops, EG amnt 0058, I think Ang.NA, 0102\* (Young-CA).
- 5000 S.AFRICA ZUO, pips and CW IDs at 2209:30, 14:30, 19:30, etc; under WVV (Florian-IL).
- 5005 NEPAL Kathmandu, VG with IS to 1150, ID, mx, talk (Stephany-NY); P-P 1152-1225, soft vocals (Krueger-FL); nx 1251, flute mx, drama 1300 (Florian-IL); tent.1245, weak(Rigas-SURINAM: R. Apintie, pops, ID, NA, 0433\* (Cucura); pops, some EG amts, NA to IL). 0530\* (Jordan); R. SRS, \*0900, hvy QRM. but clear ID 1014 (Young-CA); unid. DT to 0331\* (Schulze); unid. (maybe Bata), Xmas mx to 0534 fade (Schoone-Jongen). I think SRS here/
- 5006 EQUATORIAL GUINEA Bata, hllife 2126, prgm rvw, NA, 2134\* (Cunningham). (JB).
- 5008 PAKISTAN Rawalpindi, Urdu nx 1520, ID, good sig, //5095 (Wood-S.AR).
- 5010 CAMEROUN Garoua, two men talking at 2122, Afr mx later, ID 2200, fair sig(Bolland-FL).
- 5013 UNID. Maybe Angola, Afr mx 2030, vy weak (Barto-CT); 0605, always weak audio (Young-CA).
- 5015 BRAZIL R. Cultura Caiaba, weak but clear 0655, ID, talk, light Br.mx (Alexander-PA).
- 5015 ECUADOR Esc.R.Pop, HC mx 1000, ID (Klein-NJ); tent. 0242 HC mx, no ID (Plotnick).
- 5016 PERU R. Moyobamba, ID, huaynos 1034 (Alexander-PA); \*1105, NA, ID, bad het(Klein-NJ).
- 5020 ALBANIA Gjirrokaster, singing 0415, //5057(Young-CA); folk mx 0458, man anncr(Plotnick).
- 5020 SRI LANKA Colombo, talk by man 1542, tunnel-sound audio, no brk on hr (Young-CA).
- 5025 ECUADOR R. Splendit, \*1103 with HC NA, s/on amnts, ID, into HC bomba; F-G(Klein-NJ).
- 5025 PERU R. Quillabamba, ID 0254, sophis.LA mx, ballads, not OA-type (Jones-MS); full ID 0257, times, calls, NA, 0301\* (Cunningham); ID 1058, nx 1100, 1130 fade-out (Plum-NJ)
- 5025 UNID. LA, long pol.talk, OA mx bits, ID 0128, ads, thot ment.Sta.Cruz,Riobamba(Sheedy-CA)
- 5025 UNID. African here at 0417, never vy strong; Benin listed, needs checking (Young-CA).
- 5027 UGANDA Kampala, pops to 0359, NA, EG nx, ID 0413, fair (Enkenhus-MD); world nx 0400, natl items, ID 0408 (Jones); Xmas prgm 0403, ID, fading 0416 (Paszkiwicz); exc sig 0404 on 12-31 with ute gone, but QRM from someone else (Valko).
- 5030 BOLIVIA R. Cuarto Centenario, good mix of mx 0459-0604 1-1, nice ID 0552, fgy given, many mentions of Tupiza, greetings, "mx de la patria . . de Bolivia"(Sheedy-CA).
- 5030 PERU R. Los Andes, pretty good sig 0008, many IDs, "Feliz Navidad," OA tunes, TCs (Valko); NY eve prgm, mx 0535, not sure of ID, so tent., but sounds like them(Field-MI); NA at 0918 tune-in, s/on amnts (Alexander-PA); full ID at 1000, into huaynos, 2d beat 60 mb )A sig (Atlantida 1st)(Klein-NJ); ID 1105, flutes, songs, good (Bobb-MN).
- 5035 CENT.AFR.REF. Bangui, FR ID 0431, light mx, tribal mx, good (Konen); 0500, ballads, ID, drums (Paszkiwicz); jingle 0540, Afro mx, 0600 FR nx, fading fast by 0607 (Kelly); mx 0554, man anncr, anthem, then a reading (Laskowski-IN).
- 5039 SUDAN Omdurman, 0424-0440 fade while only carrier from Cinco; good with Koran, reed mx, IDs by man in AR, tones 0429, march or NA, ID, world nx 0430 (Krueger-FL).
- 5040 COLOMBIA R. Cinco, full ID 0234, mx, singing, good sig (Plotnick); lively LA mx 0305, spot IDs, promos, reverb IDs, fair (Jordan); LA vocals 0320, SP "Jingle Bells," many IDs, TCs, good sig (Valko); upbeat HJ mx, IDs, amnts, 0813 (Alexander-PA).
- 5040 GEORGIAN SSR Tbilisi, 0504, M&W talking (Field-MI).
- 5040 PERU R.Libertad de Junin, huaynos 1030, talk, sev.IDs, TCs, etc; het (Klein-NJ).
- 5041 ANGOLA ER do Benguela, good 0508, fading, hllife; presumed, as no ID (Krueger-FL).
- 5044 UNID. Maybe Angola, PP amts, pops, talking, 0400-0600, Afr mx no drums (Young-CA).
- 5045 BRAZIL R.Cult.do Para, ID thru reverb mike 0228 (Plotnick); ID 0706 (Schulze).
- 5045 PERU R. Rioja, talk, IDs, 1035 (Klein-NJ); prob.them, 1150 past 1210 (Young-CA).
- 5047 TOGO Lome, good, play 2128, presumed them (Plotnick); nx 2202, choral mx, talk, good sig (Paszkiwicz); chimes 0527, FR ID, NA, Afro mx, man DJ, off intermittently (Kelly).
- 5050 COLOMBIA Tent. LV de Yopal, 0010-0055, weak, w/ute, jingles, ads, HJ mentions(Alexander)
- 5050 ECUADOR R.Jesus del Gran Poder, \*1000, relig.singing, ID, NA (Young-CA, Alexander-PA).
- 5050 INDIA AIR-Aizawal pop mx 1357, gal voice, singing, no break on hour (Young-CA).
- 5055 COSTA RICA TIFC, SP at 0253, then into IG, various religious programs until 0401\*.

- preceded by NA (Plotnick, Alcorn-PA, Jones, Stanley-AZ, Purdue-MN, Stephany-NY).
- 5055 FRENCH GUIANA Cayenne, 0900-1017, fair, several EG songs (Mosman).
- 5060 PERU R. Amazonas, lively vocals, TCs, IDs, squashed but readable (Valko); IDs 0400, then light mx (Cucura); tent. them, 0910-1015, brassy instr., ads, couldn't ID (Alexander).
- 5063 ECUADOR R. Nac. Progreso, mx, ID 0250, woodpecker QRM (Plotnick); 1030 with HC mx, echo armts, ads, jingles, ID, also hrd the following night with NA to 0506\* (Alexander-PA).
- 5066 ZAIRE R. CANDIP, Bunia, FR ID 1700, pol. talk (Wood-SAR); unid., presumed Afr, vernac. talking 0410, Afr mx, singing 0424; doubt CANDIP, what else? (Young-CA).
- 5095 COLOMBIA R. Sutatenza, up-tempo LA mx, ads, 0155 (Sharpe-CA); ID 0219, VG (Plotnick).
- 5098, 3 UNTD. Presumed an Afr. Pt 2342, armts 0001, mx, talk, weak to 0100\* (Young-CA).
- 5105 CLANDESTINE LV del CID, gud 0210, ID 0215 (Plotnick); LMA 0645, Ignacio Agramonte IDs
- 5112 PERU R. Eco, poor w/rack at 0111 (Mosman); "Silent Nite" 0203, talking (Alexander). (McLemore-FL); abrupt s/off 0255 (Alcorn-PA); \*1002, NA, ID, TC, huaynos (Klein-NJ); 1040 (Bobb-MN); ID 1058 (Young-CA); ads, OA mx, ID, M&W anncrs, 1055 (Alexander-PA).
- 5170 CHINA PLA stn, talk, M&W in CH, 1155 (Prath).
- 5265 CHINA PLA stn, CH opera at 1145, then man talking, fair signal (Konen).
- 5289 CHAD R. Moundou, VG w/no ute, 0540, hillife, FR ID (Krueger-FL).
- 5360 PERU R. Vision, P-F 0149-0250 with SP mx, some rock (Mosman); merengue-type mx 0325, reverb ID 0330 (McLemore-FL); local mx 0330, TC, occas. full IDs, canned echo ID at 0358, NA to 0402\* (Stephany-NY); armts 1055, LA mx, guitar, Andean mx, ID (Young-CA).
- 5555 CLANDESTINE R. 15 de Septiembre, ID 0252, oratory by M&W, Sandinistas mentioned (Jones).
- 5770 CHINA PLA stn, local CH mx 1115 (Prath); CH clas. mx 1136, M&W talking (Konen).
- 5816 PERU LV del Altiplano, talk 1008, oriental sounding, finally full ID, P-G (Klein-NJ).
- 5830 UNTD. Vy weak LA 1115, not the Tachira mx/mg prod (Klein-NJ).
- 5874 SAUDIA ARABIA BSKSA, AR Koran svc 1700, Mecca ID, //7290, 9720; vy gud (Wood-SAR).
- 5886 INDONESIA RRI-Pekanbaru, men talking 1212, Xmas mx 1228, ID, wk but clr (Stephany-NY).
- 5895 BELGIUM BRT, EG \*2200, "Brus. Cing" (Krist-VA); to 2245\* (Cobb-ME).
- 5920 USSR Dunno site, M&W in RS 0140, QRM from CW and woodpecker (Plotnick).
- 5930 CZECHOSLAVAKIA Prague, EG 0100, nx, talks, history, politics (Krist-VA, David); also EG 0300 w/IS, ID, NY day prgm, mallbag, etc. (Plotnick, Dillon-PA, Jones).
- 5935 LATVIA SSR Riga, IDs 2101, chamber mx, gal anncr (Cobb-ME); Swed 2130, 2158\* (Florian-IL)
- 5945 AUSTRIA Vienna, hrd in GM 0051, IDs, Xmas talk (Plotnick); hrd during 0130-0155 EG segment, "Austria Cing, "Ltr frm Austria," "Rpt from Austria," talks on various subjects, letters (Krist-VA, Stanley-AZ, Blanchette-FL, Plotnick, Dillon-PA).
- 5950 GUYANA GBC, IS 0748, EG ID 0800, NA, brief nx (Cucura); "Early Bird" prgm 0756, ID, birthday greetings, poor but intelligible (Gurley).
- 5950 NICARAGUA LV de Nicaragua, EG 0110, talk abt Maypole dances (Hewitt); 0125, EG re govt'l policies (Plotnick); SP 0310, mx, EG nx at 0400 (Cobb-ME); SP 0357, ID, talk abt CA, nx, good sig (Dillon-PA); 0400 EG nx, mx, local items (Cipperley); full EG ID at 0425, SP songs, "Contact" mallbag prgm (Plotnick).
- 5955 COLOMBIA LV de los Centauros, 0905 tune-in, LA mx, NA at 0908, then s/on anncr and ID (Alexander-PA); 1030, stn ID, Caracol ID, then HJ nx (Plum-NJ).
- 5960 CANADA RCI, 0020 EG, "The House" (Nelson); "RCI Journal" 0100, nx, wx, 1983 look-back (Krist-VA); good in FR 0148-0158, nx, fqy, sked (Plotnick); 0200, EG nx, "SWL Digest" (David); ditto at 0300 (Bobb-MN).
- 5965 UNTD. 0426-0438 fade, non-descript LA mx, semi-pol. talk, ID 0431 w/fqy, "R. Nacional . . . voz sindicalista." OC on at 0433, pretty much gone by 0438 (Sheedy-CA).
- 5965 ENGLAND BBC, "Countdown 1984" with M&W, 1230-1250, sports results (Bonnet-IN).
- 5970 ITALY RAI, EG ID 0100, nx read by same old tired sounding YL; light mx (Krist-VA).
- 5975 UZBEK SSR R. Tashkent, anthem 1700, Uzbek ID, nx; fair with BBC QRM (Wood-SAR).
- 5975 ENGLAND BBC, EG nx cmtry 2015-2030 (Hawk); nx, "World Today" 0300-0330 (Dillon-PA).
- 5980 SOUTH AFRICA R. RSA, "Nx & Views of the RSA" 0200 (Plotnick); 0200, IS, ID, Afr nx, cmtry, good sig (Stanley-AZ); fair with Afr Review 0200 (Trotto-FL); nx at 0200 s/on, //9615, 11730 (Prath).
- 5985 USA Voice of Free China over WYFR-Okeechobee, EG nx, cmtry, 0200-0215 (Weinhold); EG "Chinese Culture" 0228 (Nelson); EG-CH lessons 0229, how to enjoy mx (Bonnet-IN); nx of China, mx selections, all EG 0510-0610 (Cipperley).
- 5985 UZBEK SSR R. Tashkent, EG at \*1200, //9540, 9600 (Prath, Krist); 1420-1430\* EG (Nelson).
- 5990 ROMANIA Bucharest, 0200 with IS, EG ID, Roumanian fairytale, VG sig (McLemore-FL).
- 5992 EL SALVADOR R. El Salvador Int'l, 0158-0210\* 12-29, EG talk abt Xmas customs, ID 0201, QTH as El Salvador, Central America, 31 and 49 mb and AM; said broadcasting in EG and SP to Salvadorans abroad. Said was their 1st EG xmas, off after "Silent Night." Some splash but exc sig. Maybe Uncle Sam gave em a new xmtr for Xmas? (Cunningham).
- 5995 AUSTRALIA RA, stock report 1127, ID, songs, wx, world nx, edit. opinion (Krist-VA).
- 5995 CANADA RCI, EG nx 1900, cmtry, poor in European Svc; //7285 (Gillis).
- 5995 CUBA Havana, EG nx, cmtry 0113, interview, IS, ID, anncd 6090, 15300, not 5995 (McLemore-FL).
- 6005 ASCENSION IS. BBC, pop mx prgm 2030-2045, EG (Hawk).
- 6005 ENGLAND BBC, 0303 with EG nx, wx, British nx, cmtry on Nigeria, QRM 0314 (Bonnet-IN).
- 6005 W. BERLIN RIAS, pop and rock mx 0603, phone-ins, nx 0630, ID, wx; another day, relig. prgm to 0728, nx, ID 0730 by gal, good sig (Stephany-NY); nx 0630, GM mx 0646, satire or comedy, RIAS-Berlin ID 0700; tnc to K. Mikell (Kelly); 0638, mx, man anncr, hvy Relo; QRM but RIAS dominant (Laskowski-IN); relig., Xmas mx 0755 (Rigas-IL).
- 6005 SOUTH YEMEN Aden, AR mx 2023, pipe 2030, ID, nx, mx, wiped out by BBC 2130 (Florian-IL); under BBC 0305-0331, AR mx, nx, QTH 0341 (Dillon-PA); nx 0330, BBC vacates this fqy 0329-0354, no other QRM, good sig (Konen); good 0355, AR mx (Laskowski-IN).
- 6010 PERU R. America, local mx 1045, M&W anncrs, good for rpt-writing (Klein-NJ).
- 6010 USSR RM, FR, mx prgm, IS, 2048-2059 (Hawk).
- 6010 VENEZUELA R. Los Andes, 1033 LA and pop mx, ID, TCs, fair, bat het and fading (Valko).
- 6015 VATICAN Vatican Radio, EG talk and mx, 0030-0105 (Hankins).

- 6016 UNITED LA, 1100, sounds HJ or YV, SP pops, talk, can't make out ID (Klein-NJ). I think it's R. Santiago, Dom. Rep., which I've been hearing here AMS, //6045 (JB).
- 6020 HOLLAND RN, Xmas carols, songs, fair in DT at 2015 (Schoone-Jongen).
- 6020 PERU R. Victoria, choral NA \*1050, opening ID, local anthem, into huaynos (Klein-NJ).
- 6020 UKRAINIAN SSR R. Kiev, 1905-1915, EG ID, nx, cmtry on nuclear war (Cobb-ME).
- 6020 USA WRNO-New Orleans, TCs, ID, rock, etc., 0200, btr than 6045 (McLemore-FL, Krist-VA).
- 6025 BOLIVIA R. Ilimiani, 1034, eerie flutes, ID, promo, TC, good but fading (Cunningham); 2243, EZL mx, concert ad, many IDs (Cobb-ME); LA mx, ID 2300 (Plotnick).
- 6025 HUNGARY Budapest, EG 2100, ID, "Intl Nxroom," pop mx, mailbag (Krist-VA, Hawk).
- 6030 CANADA CFVP-Calgary, relaying CFCN at 0000, ads, Xmas mx, talk (Nelson).
- 6030 FRG Sueddeutscher Rdfk, GM mx 0730, amts over Xmas medley, single gong and ID at 0800, VOA-6035 sloop (Kelly); fair with IS 0745, long talk, gong/nx 0800 (Rigas-IL).
- 6035 BRAZIL R. Globo, 0023 w/ads, jingles, 2 IDs in 3 minutes, poor, //11805 (Gillis).
- 6035 LIBERIA VOA, EG world nx 0330, sports (Bonnet-IN); ID 0525, nx (Plotnick).
- 6040 GDR RFI, IS, into SP nx, 0000 (Prath).
- 6040 ANTIGUA DW, Carib. relay stn amnt 0100, nx, "Micron Europe" (Hankins, Nelson, Stanley-AZ).
- 6045 DOM. REP. R. Santiago, 2-man "Noti Tiempo" nx 0950 (Klein-NJ); promos 2257, ID AZ. 2259, long noticias segment, taped rpts, etc.; deportes 2335, later mx (Cunningham).
- 6045 USA WRNO-New Orleans, ID 0230, "World of Radio," good sig (Mayer-PA).
- 6050 ECUADOR HCJB, home svc SP to LA, mx, talk, 1315, //9765 (Prath).
- 6050 PORTUGAL Lisbon, IS, NA, ID, EG nx, F-G at 0300, hvy splatter from 6065 (Purdue-MN).
- 6055 CZECHOSLOVAKIA Prague, EG to 2200\* (Trotto-FL), at \*2230 in Czech (Prath).
- 6070 CANADA CFRX-Toronto, ballet talk 0814 (Moman-ALB); 1530, nx, wx, sports, nx (Trotto-FL).
- 6074 COSTA RICA R. Rumbo, clear ID at 0141, "Ave Maria" theme, talk and mx, fair (Zilmer).
- 6080 AUSTRALIA RA, \*1227, IS, ID, TC, Aussie nx; to Asia and PNG (D'Angelo-PA).
- 6085 FRG Bayerischer Rdfk, YL nx 0705, TC, traffic, ID, "Stars and Stripes Forever" (Kelly); fair 0735, pop mx from GM and elsewhere; nx at 0800 (Rigas-IL).
- 6090 CUBA Havana, EG nx, cmtry 0100 (Nelson); EG at 0300, ltrs 0515, fair (Dillon-PA).
- 6090 GUATEMALA TGMUR, relig. mx 1058, ID 1100 (Alexander-PA); powerhouse \*1058, SP ID, EG ID at 1113, mx, more SP/EG IDs (Stephary-NY); EG ID 1115 (Trotto-FL); EG/SP gospel songs 1131, SP IDs (Enkenhus); complete EG calls and address amnt 1157 (D'Angelo-PA); relig. talk 0225, organ mx, EG ID as Voice of 7th Day Adventist Church, VG (McLemore-FL).
- 6090 LIBERIA ELBC, EG 0805, how to be a good reader, ID, TC, movie promo (Alexander-PA).
- 6090 LUXEMBOURG R. Lux, "mx for the 80's" jingle, EG nx 0000, UK wx, disco (Krist-VA).
- 6095 ECUADOR HCJB, EG 0626, "Songtime," "DXFL" played FEBC IS (Krist-VA, Plotnick).
- 6095 SOMALIA R. Mogadishu, Swahili ID 1500, nx, good but low modulation (Wood-S.AR).
- 6100 YUGOSLAVIA Belgrade, \*1958, IS, EG ID, nx, pop mx, poor sig (Cobb-ME).
- 6105 MEXICO Su Pantera, pops 0520, ID, 0530\* (Laskowski-IN); good, rock, 1630 (Trotto-FL).
- 6106 BOLIVIA R. Panamericana, DJ with SP pops at 1055, canned ID, more nx (Klein-NJ).
- 6110 DOM. REP. R. Santiago, presumed the one 2018-2115, Santiago ads, Noti Tiempo nx 2100
- 6110 AFRICA Baku, Azerb ID 1345, Farsi 1400, VG (Wood-S.AR). (Krueger-FL).
- 6110 MALTA ITRA Radio, \*1900, IS, EG ID, mx, GM ID, GM prgm, into EG 1930 (Stephary-NY).
- 6115 MEXICO KEUDS, \*1459-1605 fade, NA, ID, vocals, mid-egst mx (?-JB), fair (Krueger-FL).
- 6115 PERU R. Union, good 0851, RF. off, like Huanta 2000 (Stephary-NY); 0945 (Klein-NJ).
- 6117 COLOMBIA LV del Llano, full ID 0126, mx, TC (Bolland-FL); NA 0500, ID, mx, NY eve (Bobb-MN); lively LA mx 0610, many IDs (Rigas-IL); ID 0633, LA mx (Alexander-PA); HJ pops, IDs, VG at 0940 (Klein-NJ); 1330, LA mx, ID, TCs by man, but WRMed (Prath).
- 6120 NICARAGUA R. Zinica, EG relig. prgm 1310 12-25, Xmas songs, EG seems regular here on Sunday mornings since 1st hrd 10-23 (Prath); EG ID, EG 1830-1845, back into SP, fair sig (Trotto-FL). Right time? JB.
- 6130 CANADA CHNX-Halifax, sports, ads, TCs, pops 1135 (Blanchette-FL); ID, wx, sports, traffic, poor 1145 (Trotto-FL); Xmas mx 1145, TC, wx, ads, pops, bad copy (Paszkiewicz).
- 6135 SWITZERLAND SRI, 0145, IS, ID, TC, "Dateline," nx, cmtry, various items (Krist-VA, Stanley-AZ); into SP 0215, nx, fair sig (Dillon-PA).
- 6140 AUSTRALIA ABC-Perth, Queen's Xmas message 1402, 1501\*, //9610 (Rigas-IL, Valko).
- 6150 COSTA RICA R. Impacto still widely hrd. IDs, vocals, 0227 (Purdue-MN); 60's pops 0503, great listng, good sig (Schoone-Jongen); IDs, nx 0819 (Moman-ALB); "Impacto" IDs betw. songs, 0920, good sig (Hewitt-MI); 2253, but better AMs (Valko).
- 6160 CANADA CKZN-St. John's, 1155-1227, TC, natl nx, sports, wx, Xmas nx (D'Angelo-PA).
- 6165 NETH. ANTILLES RN-Bonaire, EG 0230, "Newslines," "Media Network" (Krist-VA, David, Bonnet-IN); 0550, "Media Network," jingles, features, exc sig (Gurley-TX).
- 6170 ALASKA KNLS-Anchor Point, EG-CH lessons 1316, CH ID 1329, into hymns (Florian-IL).
- 6175 ANTIGUA BBC relay, Big Ben 0000 1-1, "Happy New Year" (Kelly); 0300, "World Today" (Dillon-PA); "Nx about Britain" 0309, Big Ben, "World Today" (Purdue-MN).
- 6175 COSTA RICA TIFC, Xmas mx, SP talking, 1245 (Prath).
- 6175 PERU R. Tawantinsuyu, nice huaynos 1030, IDs/TCs, good listng (Klein-NJ).
- 6180 CYPRUS BBC, WS ID 2145, mx, fair and fady (Bobb-MN); "World Today" 2218, "Book Choice," financial nx, etc. (Enkenhus-MD).
- 6180 TAIWAN CBS, CH cmtry 1810, ID, good with jamming and BBC QRM (Wood-S.AR).
- 6180 VENEZUELA R. Turismo, \*0915 suddenly in mid-NA, ID, orchestral fanfare, ID agn, chimes (Stephary-NY); 1100 ad, TC, Musica Navidad (Plum-NJ); pops 1220 (Prath).
- 6189 PERU R. Oriente, \*1030 (stephary-NY); 1055 (Klein-NJ); 0400\* (Field-MI).
- 6190 FRG SFB via R. Bremen, clas. mx 2245, ID, IS, nx 2305, back to contemp. mx (Stephary-NY); R. Bremen, pops 0752, man DJ, Genesis and other groups (Laskowski-IN). 73 -



# LOG REPORT

## section C

6200 to 11699 kHz

Editor: David L. Walcutt, 211 West 58th, Apt. 36-F, New York, NY 10019

- 6205 NICARAGUA LV de Sandino; 1152 SP, patriotic tlk by W, martial mx etc.; good (Jack JONES-Miss. 1/8).
- 6210 NICARAGUA LV de Sandino; 0002 SP, usual pgm of rev. tlk, gunfire, LA mx and ID's (Alexander-PA 1/2); 0140-0210 SP, rev. songs, ID by W at 0200. If Konek can QSL this, so can I (Kelly 1/2).
- 6215 LEBANON V. of Hope; 0510 EG, rel mx w/ID; poor (Plum-NJ 1/1).
- 6230.5 AFGHANISTAN R. Kabul; 1515 Pushtu, Afgh. mx; g (Wood 12/14). USSR?
- 6235.5 GLAND VBME; 1515 Tigray mx; //7387.5; g (Wood 12/14).
- 6239.7 INT. WATER V. of Peace; 0127-0159 EG, mx pgm w/M ancr, mostly unreadable tho got an ID; noisy, poor (Konek 12/26).
- 6249.7 EQ. GUINEA R. Nacional; 0550 SP, Af/U.S. pops, M&W ancr; tentative, no ID heard (Alexander-PA 12/26).
- 6255 PIR. V. of the Pyramids; 0620, rock mx, exc q. (Schoone-Jongen 12/25).
- 6271.9 PERU R. Huallabamba; 0250-0258, SP ID at 0253 into neat rustic reverb M vocal; presume still 0300wv (Krueger 12/14).
- 6340 TURKEY Polis Radyosu; 0615-0640 f/o, slow mx w/w ancr in Turkish between selections; much cw QRM, poor (Laskowski-IN 12/20).
- 6347.2 UNID 1112-1130 Oriental/EG, M in comments, partial ID in English; Echo of Hope freq; fair/poor (Bolland 12/28). Probably N. Korea -ed.
- 6364.2 PERU R. Moderna de Moyabamba; 1045 SP, OA mx, ID by M during break in cw QRM, "RM desde Moyabamba" w/ment of Peru (Valko 12/10); 1052-1130, two ID's hrd, by M, lcl OA mx; p (Konek-WI 12/18).
- 6550 LEBANON R. Voice of Lebanon; \*0406 AR, Col. Bogey-R. Kwai 8-note piano IS to 0408 then full orchestral version, NA, ads, ID, nx at 0415 (Stephany 12/27); 1515 AR ad for "Uniware", FR ad for "moquettes, rideaux, Rue de Damas", into "Nashrat ul akhbar min Sawt ul Lubnan," i.e. AR nx; g & better than V. of Hope 6215 (Wood-SA 12/14).
- 6576 KOREA N. R. Pyongyang; \*1800 GM, ID, nx; good (Wood-Saudi Arabia).
- 6585v GLAND R. Venceremos; 0229 SP, many ID's (Jones-TX 12/8); 6587 at 0039, W shouting anti-U.S. slogans (Rigas-IL 12/25); 6590 at 1243-1259\*, rev. mx, strident M&W, machine gun fire (Konek 1/3).
- 6724.3 PERU R. Satellite, Santa Cruz; 0335-0409 SP, Peruvian tunes, ID, Happy Birthday in EG w/names; s/off anmts (Cucura 12/11); 0337-0407\*, s/off w/at least 4 ID's, freq, "En Satelite... Santa Cruz" over "El Condor Pasa"; no NA, gone by 0407; in well (Valko 12/7).
- 6750 CHINA RB; 1135-1150 CH, tlk & mx (Prath 12/25, Bolland 12/31).
- 6765 CHINA PLA; 1146-1151 CH, W singing w/anmts; p (Bolland 12/31).
- 6790 CHINA RB; 1125 CH mx, tlk; listed as Taiwan Svo (Prath 12/25); 1151 traditional CH mx; not //6750; ow "V" marker QRM (Bolland 12/31).
- 6850 GLAND R. Frie Suriname; \*0059-0132\* vern/DT (Cunningham, Stephany).
- 6910 IRELAND R. Dublin; 0357 EG, first time heard since Oct., hit mx, ID and promo, ads, contest, music; fair/poor (Stephany-NY 12/27).
- 6955 CHINA RB; 1155 unid lang into 1200 JP (Bolland 12/31, Prath 1/1).
- 6966 GLAND R. Miskus; 1413-1543 Miskito?, local mx & U.S. c&w, full ID at 1430; f (Bolland 12/31); 2322-2339 vern/SP, presumed Miskito, rhetoric w/occasional soft mx, ID by M as "Escuchan Radio Miskus, voz de los Miskitos, Sumos y Ramas"; at 2336 1/2 primitive guitar melody, then instrumental anthem (Nicaraguan?) and off (Cunningham 12/13); 0315 SP, talk by M, mx, ID, comments (Jones-TX 12/9).
- 7022.5 CHINA RB; 1810 RS talk on "Comrade Mao Zedong"; vg (Wood 12/14).
- 7076 GLAND R. Mambi; \*1200-1209\* SP, IS, Cuban NA, ID, tlk (Stephany 12/23).
- 7120 SOMALIA R. Hargeisa; \*0900-1200\* Somali ID, nx, Qur'an; broadcast lasts this long Fridays (Muslim holy day); do not confuse with R. Kuwait which is on 7120 at \*1830; g (Wood-Saudi Arabia 12/16).
- 7125 POLAND RP; 2200 FR (Prath 12/18); 2230 EG (Krist-VA 12/29).
- 7130 TAIWAN VOFC; 1417-1438 JP, M&W, mx, children sing (Enkenhus 12/29).
- 7135 LIBERIA VOA; 1830 EG/FR, IS, ID, into FR, weak (Arthur-HI 1/3).

- 7155 SAUDI ARABIA BSKSA; 1530 march, Pushtu ID, nx; //9640 (Wood 12/14).
- 7160 MONACO TWR; 0722 EG, piano interlude, Back to the Bible (Gurley 1/2).
- 7173.3 SOMALIA R. Mogadishu; 1500 Somali ID, mx, //7200; unclear whether a spur; 7200 has not been noted since 12/8 (Wood 12/2).
- 7175 STICILY RAI "Radiodue"; \*0500 bells s/on, Italian mx (Laskowski).
- 7185 USSR RM "Radio Kiev"; 0300 EG, mx w/ow QRM; f (Gurley 1/8).
- 7195 ROMANIA RB; 2015 EG, ID, mx, tourist info (Trotto-FL 12/20).
- 7214 IRAN VOIRI; 1525 AR, ID, interview w/Arab preachers & politicians; separable from Iraqi bubbling jammer on 7215 (Wood 12/14).
- 7215 IVORY COAST R. Abidjan; 2205-2300 FR w/pops, ID; g (Enkenhus 12/15).
- 7215 SAUDI ARABIA BSKSA; 1030 AR ID, mx; //1100, f under Iraqi jammer directed against Iran (Wood 12/16). Not had here before 0400... -ed.
- 7215 TURKEY VOR; 0030-0105 TK mx to 0100, mx; QRM Moscow (Dillon 1/5).
- 7220 HUNGARY RB; 2100 EG, IS, s/on, to Europe (Prath 12/18).
- 7222 CENTRAL AFRICAN REP. R. Bangui; 1515 FR talk, ID; g (Wood-SA 12/2).
- 7225 RWANDA DW; 0445-0450 EG to Afr. (Schoone-Jongen 1/5, Arthur 1/3).
- 7255 NIGERIA RN; 0115-0215 EG, military mx, sermon praying for "power, love, and patience" for the new President, Dom. Svc. ID, speech by the new President stating what jerks politicians are; //15120 (Kelly 1/1); \*0455-0535 ID, military coup news (Field, Cunningham, Purdue).
- 7255 PORTUGAL R. Liberty; 0237 RS, IS, ID, report on Columbia STS-9 space shuttle; vg (McLemore-FL 12/10).
- 7265 GERMANY Sudwestfunk; 0200 GM, mx, U.S.&U.K. oldies (Plum-NJ 12/20); 0700 GM, W ancr w/much pop mx, four time pips (Laskowski-IN 12/23).
- 7290 ITALY RAI; \*1935-1955 EG, IS, ID, nx, //9575, 7275 (Cobb-ME 12/22).
- 7290 USSR RM; 1530 EG, World Svc., is via Vladivostok (Sharpe-CA 1/4).
- 7310 USSR RM; 1351 RS, live report on domestic service about a hockey game between Czechoslovakia & Canada played in Moscow (Rigas 12/19).
- 7315 PAKISTAN RP; 0244-0246\* EG, dictation speed mx about Pakistan-Japan relations, ID as "General Overseas Svc. of R. Pakistan" (McLemore).
- 7335 USSR RM "Radio Tashkent"; 1200-1230 EG (Trotto 1/9, Weinhold 12/24).
- 7352.5 CLAND LV del CID; 0215 SP, ID, LA mx, off by 0235 (Alexander 1/1).
- 7399 PIR, New Wave Radio Int'l; 0637-0900 EG, rock mx, ID'ed as "NWRI 7399 on your shortwave dial"; "power 100 watts"; p (Gurley 1/8).
- 7412 INDIA AIR Delhi; 1535 EG, "This is AIR giving you the nx"; this freq seldom reported; f (Wood-Saudi Arabia 12/14).
- 7429 CLAND VBME; 0530 AR nx of Eritrean fighting, 0600\* (Wood 12/8).
- 7433 PIR, KQSB Int'l; 0500 barely audible above powerline noise with Frank Furter and rock music (Arthur-HI 12/25). California I guess -ed
- 7550 KOREA S. R. Korea KES; 2245-2300 EG, two W w/lbr pgm (Cobb-ME 12/24)
- 7700 CHINA RB; 1520 RS on Afghan resistance; //7055, 7820 all jammed (Wood)
- 7850 CHINA PLA I; 1145 CH, local mx, tlk by W (Prath-FL 12/25). PLA= People's Liberation Army Fujian Front Station; to Taiwan -ed.
- 7935 CHINA CPBS I; 1520 CH, Beijing opera; good (Wood 12/14).
- 9020 CHINA CPBS II; 2250 CH, time pips, ID, mx (Laskowski-IN 12/17).
- 9022 IRAN VOIRI; 1430-1530 EG, ID, Qur'an, Komeini speech, cntry, nx - the usual, hi! - g (Muzyka 12/11); 1939 FS, M w/nx (Moman-AB 12/22); 2000-2030 EG, M&W discuss international events and review several other countries' shortwave broadcasts; 2030-2353 FS (Hankins 12/21); 2015 EG, commentary by W on Islamic philosophers on Man (Alcorn).
- 9064 CHINA CPBS I; 2235 CH, M&W, good signal (Laskowski-IN 12/10).
- 9360 KOREA N. RP; fade/in 2105, W ancr, marching mx and song by male chorus; 2128 "You are tuned to Radio Pyongyang" (Moman-Alb. 12/7).
- 9360 SPAIN REE; 0420-0430 SP, mx, ID, nx; exc (Trotto-FL 1/4).
- 9420 GREECE VOG; 0030-0335 GK w/EG 0130-0140; //11645, 9865 (5 reporters).
- 9424 PAKISTAN RP; 1300 AR ID, nx; good (Wood-Saudi Arabia 12/2).
- 9440 ISRAEL KI; 2000-2030 EG (Zilmer 1/2, Moman 12/22, Alcorn 12/11).
- 9455NF USA VOA; \*0000-0400\* EG to America (Zilmer 12/24, Bonnet-IN 1/5).
- 9480 ALBANIA RT; 1630-1656 EG (3 reporters).
- 9509.5 PERU R. America; 1145-1206 SP, nx initially then at 1149 full ID as Radio America, Lima; fair (Bolland 12/24).
- 9515 MEXICO La Voz de la America Latina XEWW; 1355 SP, mx, nx (Zilmer).
- 9520 SAUDI ARABIA BSKSA; \*1700 Somali ID, Qur'an, nx; g (Wood 12/15).
- 9525 SWAZILAND TWR Manzini; \*1800 IS, ID in EG, into FR rel (Wood 12/2).
- 9530 JORDAN R. Amman; 0825 AR, mx then xmr breakdown; mostly inactive here, apparent transmitter trouble; 0830-1500 OG only (Wood 12/15).
- 9535 ANGOLA R. Nacional; 2247-2315 EG, comment on SWAPO, US pops, into PT at 2257 w/ID & brief news; fair (Florian-IL 12/15).
- 9544.5 PAKISTAN RP Isl; 0830-1000\* UR, ID, Qur'an, not //9645 (Wood 12/15).
- 9550 CHILE R. Nacional; 0025-0045 SP, M w/mix of talk plus IA&U.S. pop mx e.g. "Flashdance"; patriotic speech 0035-0040 (Jordan 12/11).

- 9550 ROMANIA RB; 0300 SP, IS, S/on anmts w/nx (Prath 12/11).
- 9560 KOREA N. R. Pyongyang; \*1800 IS, ID, nx in FR; g (Wood 12/2).
- 9560 NETH. ANTILLES TWR; 0829 ID; f (Woman-Alberta 12/14).
- 9575 ITALY RAI; 0100-0122 EG to North America (3 reporters).
- 9575 PORTUGAL RP; 0530-0600 EG, local nx, music (Cipperley 1/1).
- 9580 AUSTRALIA RA; 1149-1418 EG (Bonnet 12/28, Nelson 12/21, Purdue).
- 9580 PERU R. Concordia; 1030 SP, nx; 1140 QRM Australia (Field 1/9).
- 9585 SOUTH AFRICA R. RSA; 2104 EG, nx; //11900 (Vadino 12/19).
- 9590 CANADA BBC W.S.; 2311 cmntry on European economy (Nelson 12/22).
- 9590 NEPAL R. Nepal; \*1147-1200 Nepali, int. sig. until 1149, then M ancr with ID & anmts; flute mx, lcl song played; fair reception, //5005 was poor today (Cobb-ME 12/15).
- 9590 NETH. ANTILLES RN; 0230-0325 EG to N. America (5 reporters).
- 9590 NORWAY RN; \*1700 IS, ID in NO, nx; vg (Wood 12/15).
- 9600 USSR RM "Radio Tashkent"; 1200-1230 EG (5 reporters); 1400-1430 EG, nx etc. (Schulze-FRG 12/11, Schoone-Jongen 12/30, Paszkiewicz 12/10).
- 9610 AUSTRALIA ABC Perth; 1128-1200 EG, Christmas carols (Bonnet 12/20).
- 9610 IRAQ R. Baghdad; 2105-2123\* unid lang, M&W, local mx, s/off anmts w/ID as "Radio Baghdad" (Alexander-PA 1/1); 2128 EG, IS w/bird chirps, ID, mx, nx; DW underneath (Vadino 12/19); 2200-2225 EG, mx, W w/cmntry on U.S. from lcl press, ME mx, full ID by M at 2223; f (Enkenhus-MD 12/20).
- 9619.8 EGYPT RC; 0600 AR ID, General Pgm; //9455 which was better (Wood).
- 9630 SPAIN SFR; 0000-0130 EG to N. Am. (3 reporters).
- 9635 COLOMBIA R. Nacional; 2240-2320 SP, M w/trad. mx pgm; full ID's at 2300; W w/nx until 2305, followed by mx pgm (Lausevich 12/11).
- 9635 SWAZILAND TWR; 1800 ID in Afro-accented EG, rel pgm (Wood 12/16).
- 9640 ALGERIA R. Algiers; 2000 FR, 4 pips, into EG w/ment of freqs: 9160, 15215, 15370 but not 9640!; // 's not audible (Woman 12/22); 2000 EG, ID into nx, cmntry, mx; into SP at 2030 (Vadino 12/19); 2006-2031 EG, M W/nx, 2010 history of Algiers, mx, several ID's, into SP at 2030; f (Enkenhus-MD 12/27); 2020-2034 EG/SP, easy rock mx, EG s/off; anmts (freq 15160, 15260, 15570, 9160 only ann'd), requested reports & gave address; armchair copy (D'Angelo 12/18).
- 9640 KOREA S. R. Korea; 2157-2202 CH, IS, nx by W; g (Florian 12/15).
- 9645 BRAZIL R. Bandeirantes; 0150-0220 PT, futebol coverage (Jordan).
- 9645 COSTA RICA Faro del Caribe; 1245 SP, rel pgm, //6175 (Prath 1/1).
- 9650 GUINEA Voix de Rev.; 2105-2250 FR, mx & cmnt, martial mx at 2112; super sig. at 2130; //15311 noted (Lausevich 12/18).
- 9650NF THAILAND R. Thailand; 1130-1311 most days; neat IS into EG 1130-1230, when into Asian lang; 1309 EG ID into Malay; much better than old 9655 (Krueger-FL 12/10+); 1232-1312 EG/Cambodian/Malay, mx IS followed by EG ID, ann'd 9655, 11905, 927 + FM outlet; probably nx in Cambodian followed by interesting Asian songs (D'Angelo 12/17).
- 9655 PERU R. Norperuana; \*1102-1133 SP, OA NA by band, ID by W, "musica camposina" pgm (Valko 12/10); \*1106 SP, on w/hymn then cut to canned s/on anmt by M, then ad lib by W, then NA (Stephany 12/17); \*1106-1141 SP, band fanfare then ID as "Esta es R. Norperuana..." MW & SW calls & freqs, "cuidad de Chachapoyas" (Cunningham 12/12).
- \*9660 LEBANON RL; 0258 EG, ID, to N.Am., into SP at 0330 (Schulze 12/18).
- 9670 PHILIPPINES R. Veritas Asia; \*1400 Tamil, rel. (Wood 12/14).
- 9675 JAPAN RJ; 1700 EG, cmntry, "Japan Scene" (Stanley-AZ 12/18).
- 9675 PERU R. del Pacifico; \*1108 SP, sudden on, ID, "La Hora de Levantamiento" (Stephany 12/20); 1300 clear ID into LA mx (Prath 12/18).
- 9680 PORTUGAL R. Renascenca; 1930 PT, nx for emigrants (Wood 11/30).
- 9683.9 TANZANIA RT; 0605 SW, ID, mx; all day here; g (Wood 12/6).
- 9634.6 PARAGUAY R. Nacional; 1052-0141 SP (4 reporters).
- 9745 IRAQ R. Baghdad; 1810 AR, ME mx; excellent (Konen 12/24).
- 9745 KOREA N. RP; 2316 EG, nx, ID, competition, mx (Nelson 12/25).
- 9749 TANZANIA RT; 1828 EG, Ext. Svc. into "V. of Namibia" pgm to 1900, then nx & ID, nx to 1914 s/off anmt, NA (Arthur-HI 12/28).
- 9755 EGYPT Holy Qur'an Stn.; 1800 AR, readings; p (Arthur 1/2).
- 9852.5 USA WYFR; 0605 IS, EG ID, to Eur.; ann'd 6015, 7355, and this (Wood 12/6). Also 9680. Look for likely future 15566 also -ed.
- 9905 QATAR QBS; 0349 AR, mx, anmts (Jones-TX 12/13); 1650-1737 AR mx, pips on hour, then nx to 1705, into trad. vocals (Florian 12/20).
- 10335 INDIA AIR; 1257-1314 Sinhala (per sked), instrumental IS before 1300 s/on, ID by M; short tkl & lcl mx; very good signal -- been trying for this freq for a few years now! (Barto-CT 12/17).
- 11595 BELGIUM BRT; 1700 DT, nx, sports, to Africa (Zimmer-NM 1/2).
- 11675 KUWAIT RP; 1839-1950 EG, nx, Qur'an (Plotnick 12/27, Cobb 12/11).
- 11699a PAKISTAN AR; 0315-0348 EG, Soviet aggression tkl (Walcutt-HI 12/28)



# LOG REPORT

## section D

### 11700 and above

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- 11705 JAPAN R Japan; \*1755 ED ID, IS, into GM, nx; g (Wood 12/17)  
11710 ARGENTINA RAE; \*0100-0130\* EG, nx, mx, sports pgm (Cipperley 1/1, Krist, Stanley)  
0230 PT, ID's in EG, PT, FR, then into IT?, not // 6060, 9690 (Gillis 12/27)  
0400 EG, nx, into SP 0430, exc (Plotnick 12/28)
- 11710 CANADA RCI; \*2330 FR, ID, tlk, nx; t SIO 343 (Zilmer 1/2)  
11710 SWEDEN RS; 2300-2330 EG, nx, mx (Cipperley 1/1)  
11715 SWITZERLAND SRI; 0400-0415 IT, ID, nx, tlk by M; g (Mayer 12/14)  
11720 AUSTRALIA RA; 1430 EG, "Austr Tonight" to E&W Pacific Isl, SIO 343 (Zilmer 12/19)  
11725 AUSTRALIA RA; 1800 EG, ID, wld nx, "Four Corners" pgm; fair (Stanley 12/18)  
2100 EG, nx to E&W Pac Isl, SIO 333 (Zilmer 12/25) ette 12/7)
- 11730 UNITED ARAB EMIRATES UAE Radio; 0300 EG, weather (82°F), press rvw, SIO 353 (Blanch-  
11730 LEBANON R Lebanon; 1855 EG, nx summary, ID as "national pgm in EG of RL", annc  
freq as "25.58m, 11730 KHz, greet all listeners esp. Lebanese in Africa"; into AR  
@ 1900; g (Wood 12/14).
- 11730 SOUTH AFRICA R RSA; 0200-0257 EG, "Under the Southern Cross" pgm (Dillon, Weinhold)  
11730 NETHERLANDS RN; 1950 FR, tlk, EG ID 2020 (Hankins 1/9)  
11740 USA WYFR; VOPC relay, 0340-0405 CH, cntry by M & W, into SP 0405 (Bonnet 12/28)  
11740 MADAGASCAR R Netherland relay; \*1830-1920\* EG, "NXLIne", exc (Plotnick, Krist)  
11740 ECUADOR HCJB; 1345-1400 EG, gospel pgm "Our Daily Bread", f (Schoone-Jongen 1/2)  
11740 VATICAN STATE Vatican Radio; 1445-1459\* EG, Pope's Christmas message (Nelson, Krist)  
11750 SINGAPORE (Listed) BBC WS; 1600-1615 EG, wld nx by W, cntry, deteriorated by 1614  
11775 PORTUGAL RDP; 1900 PT, nx of Mobuto Sese Seko's visit to Port(Wood)(Sharpe-CA 1/4)  
11780 BRAZIL R Nac da Amazonia; 2003-0440 PT, futbol match covered by excited anncr,  
ID's, nx of LAm, commercials, v good (Jordan, Plotnick, Gillis, Lausevich, Mayer)
- 11780 SEYCHELLES FEBA; \*1730 lang, IS, ID, mx, tlk (Zilmer 12/26) Cucura  
11790 AUSTRALIA RA; 1455-1720 EG, wld nx, "Austr Calling", to PNG & SE Asia (Bobb, Sharpe,  
11805 USA WYFR; 1959-2030 EG, ID, rel pgm to Eur, tlk, mx; f (Bobb 12/11) Jongen  
11810 SOUTH KOREA R Korea; 0200-0300 EG, nx, cntry, pop mx, art pgm, sports (Zilmer, Schoone-  
11815 POLAND RP; 1410 EG, rvw of Polish press, cntry on Polish economy (Nelson 12/21)  
11816 LIBYA V of the Great Homeland, V of the People's Rev; 2100-2130 AR, tlk by M on  
freedom, gov't, and democracy, ID "Saut Il-Watani Il-Kebir, Saut Ith-Thawrat Ish-  
Shaabiyah" (Dillon) R Jamahiriyah; 2159-2230 EG, ID, Qu'ran reading, "Planning for  
Prosperity" (Enkenhus)
- 11825 TAHITI R Tahiti; 0310-0410 TT, island mx, tlk; good (Plotnick 12/29, Stanley)  
11830 LIBERIA ELWA; 2014 EG, rel mx, tlk, poor (Paszkievicz 12/18)  
11835 CUBA RHC; 0400-0500 EG, nx, mx, anti-US propaganda (Cipperley 1/1) (Paszkievicz)  
11835 URUGUAY R El Espectador; 0023 SP, tlk by M, ment Nicaragua, off abrupt 0030, good  
11850 SAUDI ARABIA BSKSA; 1945-2015 (EG ??), sports report, ID at 0200 (??), then  
Misconceptions of Islam, this wk abt polygamy; best sig ever (Kelley)
- 11855 BRAZIL R Aparecida; 0245-0300\* PT, Christmas mx, ID, off 0300 (Gillis 12/27)  
11860 CHINA RB; 0030-0056\* EG, review of film abt Mao, CH lessons (Schoone-Jongen, Krist)  
11865 SOUTH AFRICA R RSA; 0143-0155\* EG, New Year's Eve Call-in pgm, //9675 (McLemore)  
11870 SOUTH AFRICA R RSA; 0015-0045 EG, New Year's Call-in (Trotto) which freq was it?  
11880 SPAIN SFR; 0100 EG, ID, "Panorama", SP lang course; g (Stanley 12/22)  
11890 OMAN R Oman; 0830 EG, "Roundabout" pgm, Christmas mx, //9735; vg (Wood 12/15)  
11900 SAIPAN KYOI; 1530-1554 JP, EG, rock mx, ID "All hit radio 24 hours a day, Super-  
rock KYOI" (Cucura) (Witzig)
- 11900 SOUTH AFRICA R RSA; 1900-1905 PT, ID, nx by F (Trotto 12/26) 2138-2156\* EG, nx  
11900 MONACO Trans World Radio; 0448 FR, rock mx, F & M anners (Plotnick 12/13) ID's ???  
11905 BRAZIL R Universo; 0115-0130 PT, rel pgm, ID, promo, ads, local pops (Krueger 12/29)  
11910 HUNGARY R Budapest; \*1330 GM, IS, s/on in GM, mx (Prath 1/1)  
11940 ROMANIA R Bucharest; 1500-1520 EG, cntry, nx, mx (Nelson 12/26, Zilmer)  
11940 SWEDEN RSI; 1400 EG, special Christmas Eve pgm, //17860 (Zilmer 12/24)  
11945 CANADA RCI; 2150-2159\* EG, Afr Svc, //15150, 15325, 17820, 17875 (Gillis 12/28)  
11955 UAE Dubai; 1630 EG, nx of MEast, wx (Alcorn 12/31)  
11955 OMAN BBC relay; 0330 EG, pgm of rock mx (Laskowski 12/20)  
11955 CANADA CBC; 1310 EG, morning nx in EG & FR (Witzig 12/19)  
11965 USA WRNO; 2210-2300 EG, prayers, rel mx, tlk (Bobb 12/18)  
11965 SAUDI ARABIA BSKSA; 1400 Urdu, ID, // 15345; g (Wood 12/14)  
11970 AUSTRALIA RA; 2055 IN, "Waltzing Matilda" IS, ID, nx (McLemore 12/13)  
11975 EAST GERMANY R Berlin Int'l; \*0230-0311\* EG, nx, cntry on NATO missiles (Krist 12/12)  
11990 KUWAIT RK; 1248 AR, children singing, nx 1300, //15495 (Blanchette 12/15)

11995 FRANCE RFI; 0150-0200\* FR, cmtry by 2 M, poss LAw svc; weak (Jordan)

12010 USSR RM; 1925 EG, RM NxFuel, ID (Plotnick 12/27)

12030 SWITZERLAND SRI; 1515-1530\* EG, Swiss mx, ID (Zilmer 1/2)

13797 ICELAND TSBS; 1803-2002\* Icelandic, Christmas church service, g (Konen, Jordan)

14430 ht CENTRAL AFRICAN REPUBLIC Bagui; likely this per a logging in Dec FRENDX from R.Wood in Saudi Arabia; 2X7215 noted at 2120 faint, 7215 inaud (Moman 12/21)

15045 USSR unid; 2300 faint audio, too weak for lang, noted 12/14, 12/17 (at 0058) w/ 6 pips at 0100; mentions of Moscow by W, bell/chimes also. Sounded like RS or similar lang. very poor (Moman)

15050 T USA Clandestine KQSB; \*2025-2128, carrier, rock mx at 2-3 min intervals, no ID, off w/ fanfare 2128 (Lausevich 12/14) \*2200-2230\* V of Laryngitis, carrier, into hummed routine of "My Sheron" address at Battle Creek given, played more parody songs; phonecall from operator said 30-40 watts (Arthur, Alexander, Krueger 1/1) KQRP; 1915 EG, w/ Doctor X at the helm, pop rock mx, address P.O. Box 982, Battle Creek Mich 49016 (Alcorn 1/7)

15060 SAUDIA ARABIA BSKSA; 1330 AR; tlk by 2 W (Prath)

15100 USSR R Kiev; 0033 EG, ID, nx, sports, cmtry (Nelson 12/23) R Yerevan; 0330-0400 Arm. EG, tlk between selex of local mx, into EG 0352 (Jordan 12/18)

15105 ISRAEL KI; \*1630 RS, nx, then jammed, SIO 222 (Zilmer 12/23)

15110 CZECHOSLOVAKIA RP; \*1430 EG, ID, cmtry on winter activities (Krist 12/27)

15115 AUSTRALIA RA; 0700 - 0800 EG, nx, mx (Cipperley 1/1)

15120 NIGERIA 1630 EG, world & local nx (Zilmer 12/23) 1930-2130 EG, Buhari's explan of coup, marches, to Cent&North Afr, g (Arthur, Plotnick, Florian, Field, Mayer, Schoone-POLAND RP; \*1400 AR, nx, vg (Wood) &Weinhold. Jongen)

15120 VATICAN VR; 1459-1517\* lang, bells, ID, gospel song, p (Bobb 12/14)

15120 USA UN Radio; 2100 (Lang???) , Afr nx (Moman 12/22)

15135 WEST GERMANY DW; \*1500 EG, nx, Christmas pgm (Krist 12/24)

15150 WEST GERMANY DW; 1955 EG, cmtry on Nigerian econ (Gillis 12/29) Cipperley)

15155 ECUADOR HCJB; 0200, 0300-0400 EG, wld nx, "Unshackled" pgm, "DX Party Line" (Krist,

15160 AUSTRALIA RA; 0410 EG, Billy Joel song (McLemore 1/3)

15165 NORWAY NRK; \*1600 IS, ID, NO nx, vg (Wood 12/11)

15165 DENMARK RD; 2010 DN, IS, EG ID, into nx, then choir mx (Vadino 12/21)

15185 USA WINB; 2030-2200 EG, scripture lesson, rel pgms (Bobb, Krist, Nelson)

15185 SOUTH AFRICA R RSA; 2100 EG, Africa Today pgm, //11900, 9585 (Zilmer, Krist)

15190 SATPAN KYIO; 0407 EG, JP, rock mx, "Super rock" ID's, FEBA splatter (McLemore)

15195 JAPAN RJ; 0130 EG, ID, wld nx, JP lang lesson, f (Stanley)

15195 PHILIPPINES R Veritas; 0026-0031 EG, wld nxm into Bengal (Florian)

15200 SECHELLES FEBA; 0410 EG, interview w/ rep from Salvation Army in Zambia (McLemore)

15205 USA VOA; 0310-0400\* EG, jazz mx, wld nx (Bonnet 12/29)

15120 EGYPT R Cairo; 1340 AR, mx pgm, ID (Prath)

15215 USA WYFR; 1625 EG, "Open Forum" calls from listeners (Nelson 12/21)

15220 TURKEY VoT; 1350 TK, Gen Svc, AR mx pgm (Prath)

15235 JAPAN RJ; \*2300 EG, ID, nx, sports, "Current Affairs" pgm (Krist)

15240 EAST GERMANY RBI; 1244-1318 EG, IS, ID, wld nx, cmtry on Grenada invasion (Enkenhus)

15240 ECUADOR HCJB; 0033 EG, rel pgms (Krist 12/15)

15240 USSR R Vilnius; 2310-2330 EG, anti-US cmtry; R Rodina; 0010-0025 RS, mx selections poor (Jordan) R Kiev; 0030-0058 EG, cmtry on NATO missiles (Krist) R Moscow; 0300-0400 EG, nx, propaganda (Cipperley 1/1)

15260 CANADA RCI; 1800 EG, Afr svc, Christmas greetings (Krist, Nelson)

15275 FINLAND RF; 1200 EG, wld nx, Soviet violations of Swedish waters (Hewitt)

15280 USA KGEI; 2200 EG, s/off, ID, address, into SP (Nelson 12/22)

15285 CANADA CBC; 1700 Eskimo; ID in EG, then nx (Bobb 12/16)

15290 BRAZIL RN Brasilia; 0230-0330 EG, nx, mx (Cipperley 1/1)

15290 BRAZIL R Bras; 0200 EG, Bras mx, features on Brazil, g (Stanley, Krist)

15295 ECUADOR HCJB; 2155 EG, Christmas songs, greetings (Nelson 12/22)

15300 UAE Dubai; 1600-1630 EG, "Images of Arabia" pgm, RFI QRM last 10 min (Hankins 1/9)

15300 FRANCE RFI; 1750 EG, nx, //17620, 21685, into FR 1755 (Alcorn 12/11)

15305 DODECANESE ISLANDS VOA; 1726 AR, s/on w/ "Huna Washington", 1800 QRM RFI, strange blend of mx - AR, do-wap, and disco! (Cobb 1/3)

15309.6 GUINEA Clandestine La Voix de la Rev.; 1830-1900 EG, "Meet the Freedom Fighters" locally produced "in collaboration w/ UN Radio" (inserted interview transcript pgms), tirades against racist S Afr gvt, Afro pops. Ann'd in EG as M/W/F 1830-1900 (times vary slightly by obs) and "Sunday Radio Magazine" 1815-1900. In the past, UN has QSL'd cooperating besters for me -- so this may be a way to QSL Guinea. (Krueger 12/12)

15325 CANADA RCI; \*2129-2159\* EG, "SWL Digest", Afr svc (Krist 12/31)

15345 ARGENTINA RAE; 0100-0130 EG, nx, DX pgm, sports (Muzyka 12/15)

15350 NORWAY NRK; 1500 NO, ex-15345 to avoid jammers (Wood)

15370 ALGERIA Clandestine V of Palestine via RTVA; 1701-1800 AR, tnx Crawford tip, vg daily w/ RTVA AR Svc ID, time tones, nx summary, into "Sawt al-Filistin, Sawt ath-Thawrah Filistinayah" ID, pro Afrfat habble, AR vocals (Krueger)

15370 ALGERIA RTA; 1705 VoPalestine pgm produced by PLO; 1900 AR nx, g (Wood 12/14)

15390 EAST GERMANY RBI; 1800-1830 EG, nx, Lam mx (Hankins 1/9)  
 15390 ASCENSION ISLANDS BBC relay; \*2130-2200 EG, bells, ID "England calling the  
 Falkland Islands". f (Dillon)  
 15390 USA VOA; 0040-0100 SP, show tunes in EG, g (Bobb 12/12) Weinhold)  
 15400 FINLAND RF; 1300-1445 EG, "Sunday Best" show w/ Christmas mx(Blanchette,Trotto,  
 15430 BANGLADESH RB; \*1355 Urdu, IS (crackleg record), 10 notes, 1400 s/on, to  
 Pakistan, gave Pak time, vg (Wood 12/14)  
 15435 USSR RMWS; 1300-1310 EG, wld nx, g (Trotto 1/8)  
 15435 ARMENIAN SSR RMWS via Yerevan (per UHN); 1430 "Folk Box", full 30 min of Georgian  
 mx, //15455,15135, etc. (Plum 1/7)  
 15445 USA VOA; 1940 EG, to Afr. mx (Nelson 12/19)  
 15450 EAST GERMANY RBI; \*1515-1558\* EG, ID, cmtry on peace, tourism (Krist 12/27)  
 15474 ARGENTINE ANTARCTIC LRA 36, R Nac Arcangel San Gabriel,Esperanza Base; 2246-  
 0010 SP, patriotic mx, ID's in FR, GM, and SP, classical mx; fair w/ het  
 (Jordan 12/9, Enkenhus, Woman) Zilmer)  
 15485 NEW ZEALAND RNZ; 1700-0430 EG, mx pgm, wx, f (Stanley,Wood,McLemore,Plotnick,  
 15520 CHINA RB; 0300-0400 EG, nx, mx (Cipperley 1/1)  
 15575 SOUTH KOREA RK; 0200 EG, wld nx, "Musical Promenade" pgm (Stanley 12/16) ay site.  
 15670 UK BBC; 1900 EG, MEast problems discussed (Hankins 1/9) likely a feeder to a rel-  
 15600 LIBERIA VOA; 2124 EG, tlk on Afr drought & hunger, vg (Plotnick 12/17)  
 17595 MOROCCO RTM; 1403-1415 lang, AR vocal mx, faded out, no ID hrd; was //15335  
 which also faded by 1415 (Cobb 12/31)  
 17605 NETHERLANDS RN; 1350-1400,1430-1522 EG, Tom Meyer w/ "Gold Show" abt mining in  
 Canada; "Happy Stn Show" also (Krist, Enkenhus, Trotto)  
 17610 BELGIUM BRT; 1400 EG, "Brussels Calling" Christmas pgm (David 12/26)  
 17620 FRANCE RFI; 1557-1654 EG, Paris Calling Africa (PCA), nx, mx(Mayer,Hankins,Nelson)  
 17640 USA VOA; 2045-2100 FR, pop mx, ID (Bobb 12/16)  
 17675 BELGIUM RTBF; 0615 FR, IS, drums, FR ID "La Voix de l'Amitie", to Afr (Wood)  
 17705 NEW ZEALAND RNZ; 2020-0300 EG, time checks, nx, wx, mx pgm (Vadino,Stanley)  
 17705 UK BBC; 1600-1615\* EG, ID, nx, cmtry, f (Mayer )  
 17710 SINGAPORE BBC relay; 0000 EG, wld nx, not listed 17715 (Zilmer 12/22)  
 17715 NORWAY RN; 1400-1430 EG, nx, "Norway Today" (Weinhold 12/18)  
 17730 CUBA RHC; 2100 EG, nx, cmtry, contest (Zilmer 12/24)  
 17735 PHILIPPINES VOA; 0125 EG, nx, sports, SIO 252 (Zilmer 12/27)  
 17755 JAPAN RJ; 2300 EG, IS, ID's, cmtry pgm, tlk on new digital TV's (Stanley 12/12) -  
 17770 AUSTRIA RA; 1200-1210 GM, nx by M, sports (Trotto 12/17) 1230-1255 EG, "PO Box  
 700", "Report From Austria", "Profile of Austria" (Krist 12/12)  
 17775 USA WRNO; 1824; ads, ID, rock mx, jazz (Nelson 12/21)  
 17790 ECUADOR HCJB; 1900-2130 EG, "DX Party Line"nx, "Passport" pgm(Krist,Bonnet,Alcorn)  
 17795 FRANCE RFI; 1600 EG, PCA, nx, letterbox, f (Stanley 12/18)  
 17825 JAPAN RJ; 0130 EG, nx, cmtry, g (Stanley 12/16) 2345-0045 EG,nx (Cipperley)  
 17830 SWITZERLAND SRI; 1530-1559 EG, wld & Swiss nx, Christmas Eve pgms (Krist)  
 17840 CZECHOSLOVAKIA RP; \*1500 EG, IS;//7345,9605,11990,15110 hrd; g (Wood 12/14)  
 17840 NORWAY RN; 1500 EG ID, into NO pgm (Alcorn 12/18)  
 17850 FRANCE RFI; \*1515-1520 FR, nx, g (Trotto 12/24) Sweden (Trotto)  
 17860 NORWAY NRK; \*0700 NO, nx, QRM from RCI Daventry (Wood 12/9) \*1400 NO, QRM from  
 17860 SWEDEN RSI; 1400-1430 EG, SCDX, Christmas pgm, g (Trotto 12/24, David)  
 17870 LIBERIA VOA via Monrovia; 1615-1700 EG, science pgm (Bonnet 1/6)  
 17875 CANADA RCI; 1900, 2129 EG, "SWL Digest" (Nelson 12/25, Krist)  
 17875 INDIA AIR; \*1000 EG, to NE Asia, nx, g (Wood 12/15)  
 17880 PORTUGAL RP; 1800-1828 EG, DX pgm, mx (Krist 12/30)  
 17940 LIBYA Clandestine V of the Sudanese Popular Rev; 1430-1530 AR, Sudanese mx,  
 Koran, ID "Saut ith-Thawrat ish-Shaabiyyat is-Sudaniyyah", f (Dillon 12/10)  
 21465 EAST GERMANY RBI; \*1515-1554\* EG, nx, Christmas greetings, DX club (Krist)  
 21477.5 ECUADOR HCJB; 2130 EG, DX Party Line (Witzig 12/19)  
 21480 MADAGASCAR R Nederland; 1435 EG, nx, cmtry (Prath)  
 21505 CZECHOSLOVAKIA R Prague; 1445 EG, to 1500 then CZ to Asia (Prath 12/11)  
 21560 WEST GERMANY DW; 1500 GM, nx, sports (Prath)  
 21620 FRANCE RFI; \*1600-1654\* EG, PCA (Krist 12/24)  
 21650 AUSTRALIA RA; 2150(EG?), IS, into ID (Vadino 12/21)  
 21685 FRANCE RFI; 1600 EG, PCA, SIO 232 (Zilmer 12/21)  
 21710 UK BBC WS; 1659-1730 EG, "Focus On Africa" pgm (Bobb 1/4)  
 21730 NORWAY NRK; \*1000 NO, nx; g (Wood 12/15)  
 23955H? KUWAIT RK; 1250 AR, tlk, ID, 1300 nx, could be harmonic but cannot determine  
 fund; almost as good as 23980 (Wood 12/16)  
 23980H KUWAIT RK; 1250 AR, tlk, ID, 1300 nx, 2X11990, g (Wood)  
 25790 SOUTH AFRICA R RSA; 1313 EG, request pgm , SIO 353 (Blanchette 12/15)  
 26000 USA VOA; 1920 EG, "Afr Panorama", nx (Krist 12/27)  
 26020 ECUADOR HCJB; 2159-2230 JP, ID in EG, IS theme from NHK,M&W w/ ID & tlk in JP  
 song & carol; p-f (Bobb 12/13) what was this-a tape from RJ???  
 26040 USA VOA; 1655-1700 EG, "Nightline Af-" pgm, nx (Purdue)

Well, out of room. It's been fun. Take care & 73's

Brett

# LOG **FRENDX** REPORTERS

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

Hello and welcome to the February '84 edition of FRENDX, and thanks to the following fifty-one who found time to contribute:

Samuel Alcorn, Morrisville, PA (DX200, ICF6500W); Brian Alexander, Mechanicsburg, PA; John T. Arthur, Pahoia, HI (R388); Sam Barto, Bristol, CT; Marion Blanchette, Thonotosassa, FL (DX100, RF260, R600); Norman Bobb, Minneapolis, MN (R600, XCR30); Charles Bolland, Lakewood, FL (R70, FRG7000); Arthur Bonnet, West Lafayette, IN (DX302); Foster Chipperley, Gardena, CA (DX60, RF2200, D7000); Ken Cobb, Portland ME (RF4900, RF2800); Vladimir Cucura, Reading, PA (R390, R7, frg7); Larry Cunningham, Columbus, OH; Richard D'Angelo, Wyomissing, PA; Ronald David, New York, NY (DX160); Kurt Enkenhus, Silver Spring, MD (NRD515); Marlin A Field, Hillsdale, MI (SPR4, SX100); Neil Gillis, Reading, MA (R70); Art Hankins, Greensburg, PA (R1000); Michael Hawk, Hampton, VA (World Monitor II, XCR30); Al Hewitt, Kingston, MI (DX300); Rufus Jordan, Pittsburgh, PA (DX302, Zentih Transoceanic); Aus in Kelly, Chicago, IL (HR0-60); Mark Konen, Milwaukee, WI (R70); Kraig Krist, Falls Church, VA (FRG7700); Terry Krueger, Casselberry, FL (R70, RF4900, RF2900, ICF2001); Tom Laskowski, South Bend, IN (ICF-2001); Arnold Lausevich, Milwaukee, WI (HQ180C, RF4800); Bill Mayer, Allentown, PA (DX200, TCS12); Travis McLemore, Clearwater, FL (FRG7); Don Moman, Edmuntton, Alberta (R70, ICF5900, TS430); John Mosman, Campaign, IL (FRG7, SW4A); Bill Muzyka, Woodside, NY; Scott Netson, Parshall, ND (HQ100); Sheryl Paskiewicz, Manitowoc, WI (DX302); Alan Plotnick, Hamden, CT (R7); Bill Plum, Irvington, NJ (FRG7700mod); John Prath, Ft. Lauderdale, FL (FRG700, FRG7, RF4900, DX160); Ronald Purdue, Byron, MN (DX302); Steve Reinstein, Miramar, FL (R70); Christos Rigas, Chicago, IL (R2000); Robert Schoone-Jongen, Edgerton, MN (DX200); Roland Schulze, Stuttgart, FRG (R70mod, R7000mod, R6C); Brian Sharpe, Castro Valley, CA (DX302); Trevor Stanley, Flagstaff, AZ (NRD515); Ron Trotto, St. Cloud, FL (DX100); George Vadino, Bellevue, WA (RF4800, SX110); Dave Valko, Dunlo, PA (DX160, FRG7, R388); Jim Weber, Warrenton, VA; Terry Weinhold, East Earl, PA (R1000); Eric Witzig, Annandale, VA (R1000); Richard E. Wood, Abha, Saudi Arabia (R7, R1000); Robert Zilmer, Rio Rancho, NM (R1000).

Remember to send only those contributions to Log Report sections to the above address. All other material should go to the appropriate editors. Don't forget to include a signature slip, and thanks for taking the time to cut your loggings into slips.

Finally, thanks for your support in the NASWA Executive Council elections.

Until next month, 73's and good DX,

*Nick*

HAP THANKS: A big thank you for donations go out to Jean Caravan, R. Fraser, Real Lavoie, E. Muller, I. Pascal, D. Jakubowski, D. Walcutt, T. McLemore, Joe Talbot, J. Gaffin, D. McCants, R. Fields and Martin Gallas.

HAP DIRECT SALE ITEMS: The following stickers/decals are available for \$.25 each or any 5 for \$1.00: WOYK (large) (small), Die Lutherische Stunde, CFRB, Radio Bare, Radio Superstar, KVDB, CFRC, CKUA, CFRN, CKCK, GFCN, CKRD, CKGY, CFRB. We also have Radio Monte Carlo, Radio 210, WEMP, Disco-99, EMR, WBWA, Amateur Radio, KPLH, WQXR, Radio Reporter, NJNC, WBH, Radio Tees, RCI, RFI, 6KY, Radio Vatican (small) (square) (semi-cir), Radio Sweden, WCBW, KCFM, ANARC (small), CKGB, CFTI, RBI, RNE (soccor) (cir), WDR (rock) (TV) (small), Radio 270, KFOG, 55-Country, WMET, 6WF, Radio Derby, BDXC, Reté Quattro, Polskie Radio, ORF, Radio Budapest, 12B, Metro Radio, KBOI, KPNW, WQMF, KOME, KDKD, WCFL, WEZI, WEKI, KROY, WLUP, KLOS, KLOL, WINS, and ESPN.

HAP BID ITEMS: ITEM #251: WFLA "Tampa Bay Bandits" sticker (3x7") red, B&W. #252: 6WF (Australia) cloth sew-on arm patch, blue, white, orange-very nice looking! #253: WFCO key chain, gold, white -nice! #254: KUOM double sided record coaster (3.5" cir) B&W. #255: HLMJ (Dominican Rep) 1982 calendar (2.5x4") m/c. #256: RAE (Argentina) QSL card w/ Malvinas stamp (4x6") blue, white. #257: RCI QSL card "21st Olympiad" (4x6") m/c. #258: Radio Canada QSL card "EXPO-67" (4x7") m/c. #259: RCI QSL card "new transmitters-1971" (4x7") m/c. #260: RCI QSL card "WARG-79" (4x6") m/c. #261: Radio Metropolis (Italy) sticker (3x5") m/c. #262: CEREDX (Spain) sticker (2.5x4.5") B&W. #263: KBOL sticker (3.5x1.5") blue, white. #264: IVA (Italy) sticker (3.5" cir) m/c. #265: Radio Bristol (UK) sticker (5" cir) red, white. #266: 55-Country plastic coaster, brown, black (3x3"). #267: BBC old-style QSL card (4x6") B&W. #268: Radio Vatican QSL card (4x6") m/c. #269: Manx Radio (Isle of Man) QSL card (4x6.5") B&W. #270: SUV (Australia) sticker (2.5x10") yellow, brown. #271: CBC Radio "90 Minutes w/ a Bullet" iron-on decal (8x8") m/c. #272: CBC Radio "Dr. Bundolo" iron-on decal (8x8"). #273: CKOI sticker (3x8") red, white, blue. #274: Radio 210 (UK) decal (4.5" cir) m/c. #275: Radio West (UK) decal (3.5x6.5") red, white, blue. #276: Radio 210 DJ photo card (4x6") B&W. #277: Radio Hallam (UK) decal (2.5x13") m/c -nice! #278: HTV (UK) decal (2x15") blue, white. #279: Radio Hallam sticker (1x12") m/c. #280: Radio Sweden "Keep in Touch" sticker over 2' long! yellow, blue. #281: RCI QSL card "WDXFY-73" w/ Ian McFarland autograph (4x6") green, white. #282: Radio Delle Region (Italy) sticker (4x4") m/c. #283: Radio London (UK-free radio) paper banner (3x10") yellow, black. #284: Radio Musichallcity (Italy) sticker (1x9") m/c -nice! #285: Radio BBSI (Italy) sticker (1x7.5") m/c. #286: South Coast Radio (Ireland) decal (6x6") red, B&W-very nice! #287: South Coast Radio sticker (4x4") red, B&W. #288: South Coast Radio "Summer Splashout" poster w/ bikini radio listener (12x17.5") m/c -very good looking! #289: VQA 6" ruler (1x6") red, B&W. #290: Radio Nottingham (UK) decal (3x7") m/c -beautiful! #291: Radio Humberstone (UK) decal (2x12") m/c. #292: KGBX "Pig Photo" (3.5x5") m/c -really sharp! #293: BBC Radio Wales (UK) decal (2x12") m/c. #294: Radio Sweden money pouch (3x4") black, gold. #295: BBC Radio Cymru (Wales) sticker (3x12") m/c -beautiful! #296: Radio Panda (Italy) sticker (1x9") m/c. #297: BRT (Belgium) large plastic paper holder (2.5x6") white. #298: BRT large plastic paper holder (2.5x6") blue. #299: CBC (Canada) "Our Ways" metal badge (2.5" cir) blue, white. #300: Deutsche Welle 1972 7 1/2 speed 5 minute pre-olympic tape w/ case. #301: WJTO sticker (3x12") blue, white. #302: Radio Lakeland (New Zealand) sticker (3x8") m/c. #303: 4ZA Radio Southland (New Zealand) sticker (5" cir) "Kiwi Bird w/ Flag" m/c -great! #304: Radio Peking "Great Hall" cloth pennant (6x10.5") m/c. #305: Radio Peking "Children" cloth pennant (6x10.5") m/c. #306: Radio Peking "Girl w/ Building" cloth pennant (6x10.5") m/c. #307: CIRK-FM Edmontons Only Rock" sticker (4.5" cir) m/c -very nice! #308: CKO-FM decal (3.5" cir) m/c. #309: Cable West TV (Canada) sticker (3" cir) m/c. #310: CKRD sticker (4x5") red, white, blue. #311: CKXL "Rainbow" sticker (5x5") m/c. #312: WDAE "Tampa Bay Bucs" sticker (3x9.5") m/c. #313: TWR (Swaziland) decal (3x5.5") blue, white. #314: BRMB Radio (UK) sticker (5" cir.) black, red. #315: Swansea Sound (Wales) decal (4" cir) m/c -nice! #316: Devon County Radio (UK) decal (3x4") m/c. #317: Radio Orwell (UK) decal (2.5x15") m/c. #318: RCI "WDX-1973" QSL card (4x6") m/c. #319: RCI "Satellite" QSL card (4x6") m/c. #320: RCI "WDXFY-1973" QSL card (5x7") m/c. #321: WKBR "Rainbow" decal (4x9") m/c. #322: Radio Luna (Italy) decal (2.5x19") m/c -nice! #323: Radio Korea sticker (3.5x5") m/c -beautiful! #324: RCI "Globe w/ Microphone" QSL card (4x6") m/c. #325: RCI "Cycling" QSL card (4x6") m/c. #326: 4XO (New Zealand) sticker, blue, white, yellow. #327: Radio Tees (UK) "Tickles Me" sticker (3x7") m/c -very nice! #328: ORF (Austria) sticker (4x5.5") in Spanish: red, white, black. #329: Radio Forth (Scotland) coaster (3.5x3.5") orange, B&W. #330: Radio Monte Carlo (Monaco) sticker (2.5x6") red, white. #331: Q-105 "Tampa Bay" ball shaped sticker, m/c -nice! #332: Cleveland Area Cable TV cloth arm patch (2.5" cir) blue, white. #333: KTZO-TV cloth iron-on arm patch (2x3") m/c. #334: Radio Scotland (pirate) paper banner (3x12") blue, white. #335: Radio Bristol (UK) cloth arm patch (2.5" cir) red, white. #336: Radio Shetland (UK) sticker (3.5" cir) green, white. #337: Radio Orkney (UK) sticker (3.5" cir) red, white. #338: 3K2 (Australia) heart shaped sticker, m/c -beautiful! #339: Radio Atlanta (Peru) key chain m/c -really beautiful! #340: Radio Forth metal badge (2" cir) orange, B&W. #341: Radio Forth key chain, orange, B&W. #342: RBI (DDR) large plastic badge (2x2") m/c. #343: Radio Monte Maddalena (Italy) sticker (4x6.5") blue, white. #344: RCI "IYDP" QSL card (4x6") m/c. #345: Radio Musichallcity (Italy) sticker (1x9") m/c. #346: Radio Tees "I Love" sticker (2x18") m/c. #347: Radio Bucharest lapel pin (1" cir) m/c -very nice!... Something for you?... Sam.

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

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